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VOL. LII. NO. 1.

DES MOINES, IOWA, JANUARY 3, 1907.

WHOLE NO. 2581

### THE SLOW PROGRESS OF MARKET- ING GRAIN.

It is estimated that not more than 25 per cent of the corn raised in the central West is marketed directly, the balance being fed to live stock and thereby marketed through that medium. At first it might seem that this is an exceedingly small percentage and that the showing is a good one in favor of a high type of agriculture engaged in by corn raisers.

However, we consider the percentage much too large. In a state like Iowa it means the marketing of practically 100,000,000 bushels of the 1906 crop. It is doubtful if the money actually received for this grain would purchase the fertility removed by it in the form of commercial fertilizers, and as that day has not arrived in the central West when much attention is being given to the introduction of commercial fertility, it becomes apparent at once that right here we have an enormous leakage. Just how long our soils will stand this is a little difficult to estimate, but one thing is certain that unless this leak is stopped, soils will grow less productive than they are at present in the very near future.

But apart from the fact that selling grain from the farm takes from it the

very essence of productiveness, the system in itself is wrong. One might spend the entire winter hauling corn to market at thirty cents a bushel and not realize more than enough to pay the wage bill and taxes on a 200-acre farm. The labor of hauling is exceedingly arduous and monotonous, apart from the fact that it means the tearing down of the productiveness of the soil.

Let the grain that it would require a winter to haul be put into any kind of good live stock and there is no question but what one will realize more on it than the market is paying for the grain. Furthermore, by this system one introduces an entirely different kind of labor. The feeding of either horses, hogs, cattle or sheep is pleasurable work, and during the winter all the labor can be performed in daylight hours. It is true that the care of live stock creates the necessity for being regular, and in a sense one who engages in this line of industry is more or less tied down. In this respect, however, the farmer's business differs but little from the merchant, the lawyer or the doctor, because these men are at their grind practically every day, year in and year out.

We often think that men calculate wrongly when they estimate that their feeding operations have been a losing

game when only market price is received for it through the medium of live stock, in addition to covering the cost of labor. True, the feeder should have more than this. On corn at the present time he ought to have fifty, sixty or seventy cents a bushel at least, but even though this margin is not realized, if the grain is marketed at grain prices it means the starting of the right system on the farm. The manure pile should be regarded as the chief corner stone of one's whole operations, and the feeding out of a bunch of steers, accompanied by hogs, means that a start can be made in the building up of the soil.

Of course men have lost money in feeding steers, and we advise no man who is badly handicapped by debt to undertake it too extensively. However, our advice in this case is to the man who owns the eighty or quarter section of land he lives on and who is content to get along with such income as is realized by the marketing of a few hundred bushels of corn, oats, and possibly wheat annually. We say that for the benefit of the man who is on the farm now, for the benefit of those who come after him, and for the benefit of the commonwealth, it is better that this grain be put through live stock before it is marketed.

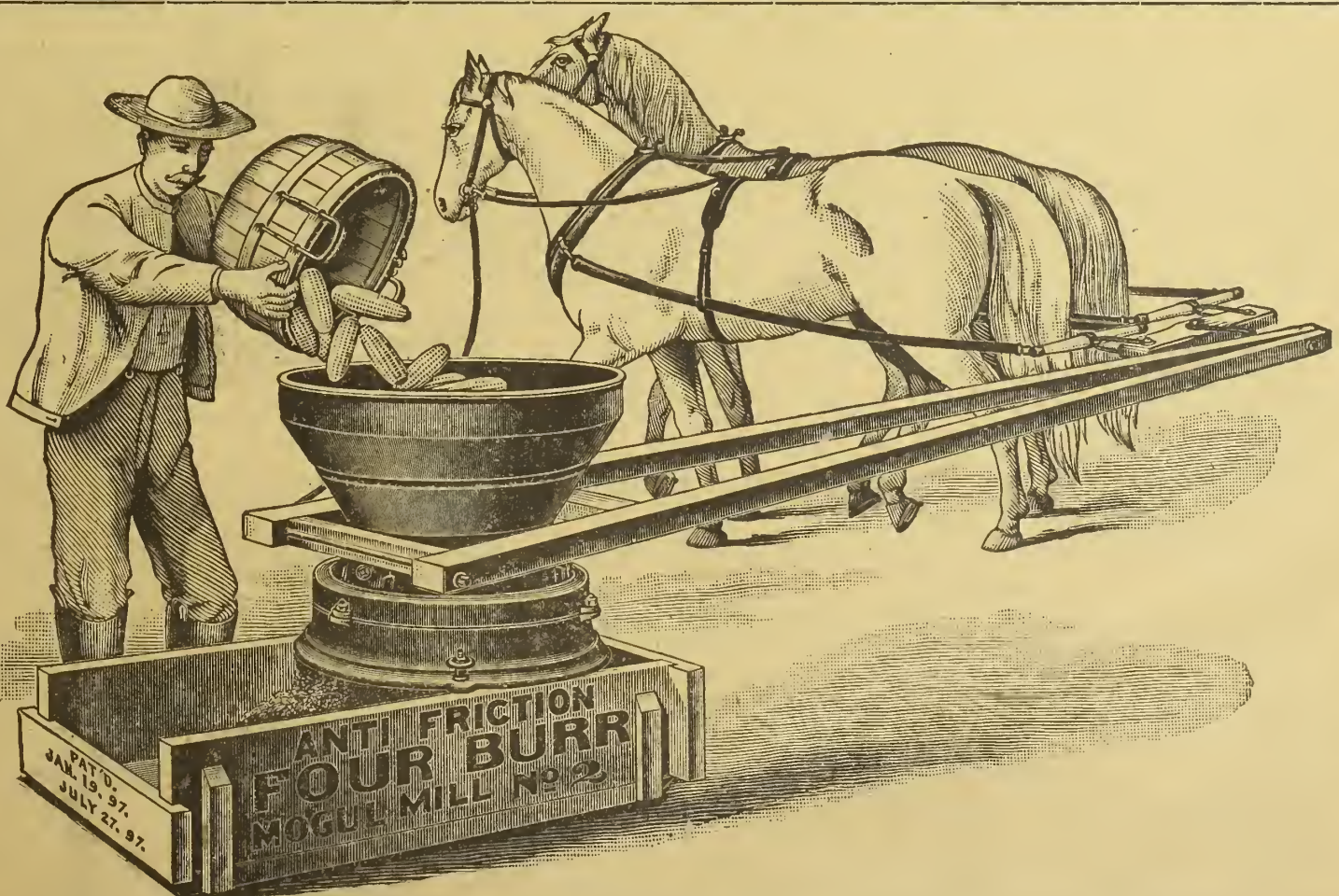
### KEROSENE FOR KILLING HOG LICE.

One of our subscribers, Mr. D. C. Bowman, sends the following communication:

"I notice that some of your subscribers make a practice of using kerosene for lice on hogs. I think I have heard it advocated that kerosene, when applied to the skin of brood sows, will sometimes cause them to abort. Is there anything in this theory?"

This is the first time, so far as we remember, that this question has been asked, and we cannot answer it from any scientific data that we have on hand. We fail to see, however, that there can be any connection between the application of a little kerosene to the skin of a hog and abortion. Of course if enough is applied to blister the hog, there might be trouble of this kind. In order to avoid blistering it is recommended by those who have used kerosene for killing lice that it be mixed with machine oil at the rate of half and half, or with lard that has been melted.

Speaking of blistering hogs, we recall an experience where a 600 pound sow was turned into a field of weeds and rape. She became very badly blistered from the wet weeds and rape and s., especially on the lower part of her body, and the outcome was that she lost her pigs. This was an extreme case, as the



This mill, which is actually two mills in one, is manufactured and sold by the Bovee Grinder & Furnace Works, Waterloo, Iowa. A grist mill at home. Grinds 30 to 50 bushels corn per hour. See their advertisement on page 22.



sow in question became exceedingly sore and the skin on about half her body cracked and peeled off.

If any of our readers have had experience in the use of kerosene for killing lice and have had any bad luck result, we would be glad to hear from them for the benefit of others.

### A PLAN FOR STORING AND TESTING SEED CORN.

The following contribution has been received from one of our subscribers, Mr. P. Petersen, of Audubon county, Iowa:

The safest plan that I have found so far for the storing of seed corn is to put it in a thoroughly ventilated and vermin-proof box and keep it there until wanted in the spring. Such a box is easily made in the following manner: Take a twelve-inch board twelve feet long and cut from it two pieces two feet long and two pieces four feet long, to be used for ends and sides of the box. For the bottom use ordinary wire screen, which should be tacked well on and reinforced with five or six slats of half-inch stuff. The lid is a frame of half-inch stuff covered with wire screen. A box like this will hold about three bushels of seed corn and is easily carried by two men. It can be made for \$1 and will last for years. In filling, the box is set one side and the corn corded until the box is filled, then the lid may be nailed on and the box set away in a dry, well-ventilated place. It should not rest on the floor, but on a couple of blocks. Then the ears are standing on end (the natural position) and the ventilation will be perfect.

There are many methods for the testing of seed corn, some more natural than others. One of the most unnatural that I ever heard of was to test it between damp blotters in a cigar box. The man who suggested that must have done more writing and smoking than real farming.

The easiest and about the best way that I have found is to take a box, such as I have described, and set it in a slanting position, then take a box of the same size and shape, but with a tight bottom, and put in about three inches of wet sand, which should be well firmed and leveled. Mark the nearest corner of both boxes on the left end and lay out a row of ears in the first box so that the tips will all point toward you. Now if there are, say, twenty-five ears in the row, make twenty-five holes in the sand in the last box so that their position will correspond with that of the ears and place five grains from each ear in the hole that corresponds to that ear. The next row of ears will only contain twenty-four and they should be placed with the tips pointing away from you. Five grains should be taken from each and placed in holes corresponding to the position of the ears. Continue in this way, alternating rows of even and uneven numbers and pointing toward and away from you. When the first box is full, the second should have five grains from each ear in a position corresponding to the ear from which they were taken. The box of corn is then covered with a lid and nailed, and the sand and grains to be tested are covered first with muslin or calico and next with several thicknesses of wet blankets or gunny sacks. This box should be left in a room where the temperature will average about 50 degrees. After six days both boxes may be carefully uncovered. As each ear is taken from the first box, the five grains from that ear are taken from the sand, and the value of that ear for seed may be pretty accurately known.

I have found the above method both safe and convenient, but if a man desired he might get dirt from the very field he intended to plant the corn in and use that instead of sand. He might also use dirt on top of the calico instead of blankets or sacks, and expose the box to the sun in a place where it would not be disturbed. That would be about the nearest possible approach to natural conditions. In conclusion, I will only say that I know from experience that it pays well to test seed corn. Since I have commenced to test my seed corn in this way I have averaged from sixty to seventy bushels to the acre, mostly on spring plowing and old land.

The plan suggested here for storing corn and also the method of testing given are excellent in every way. Every man who has tried to store seed corn in his dwelling house finds that the mice become a great nuisance, but the plan of using screen wire, as suggested by Mr. Petersen, solves this problem. As the ears are made to stand on end and they are therefore not allowed to press one on the other, a good opportunity for drying is afforded and there will be little danger of the seed molding.

### ILLINOIS SWINE BREEDERS' MEETING.

The annual meeting of the Illinois State Swine Breeders' Association will be held at Washington, Ill., January 8th and 9th. Geo. H. Heyl, secretary and treasurer of this company, has prepared the following program:

Tuesday evening, January 8th—Call to order and address by the president, M. A. Krachel, Macon, Ill.; response, C. P. Cress, Mayor, Washington, Ill.; calling of the roll and opportunity given to pay dues and become members of the association; "How I Got Corrector to Breed," Dr. T. B. Spaulding, Decatur, Ill.; general discussion; "How I Fit Show Animals," Frank Wolgemuth, Elgin, Ill.; general discussion; "Reminiscences of the Past," D. P. McCracken, Paxton, Ill.; general discussion; address, "Stand Pat," H. O. Correll, Taylorville, Ill.; general discussion; "Points to be Observed and Things to be Avoided by the Beginner," S. H. Kaylor, Macon, Ill.; general discussion; "The Hog Business," W. M. McFadden, secretary Amer-

ican Poland China Record Association, Chicago, Ill.; general discussion.

Tuesday, January 8th, 1:30 p. m., and Wednesday, January 9th, 9 a. m.—Scoring school under the direction of the committee, J. M. Kemp, Kenney, Ill.; Geo. M. Camrall, Chicago, Ill.; Geo. A. Heyl, Washington, Ill.

Wednesday, January 9th, 1:45 p. m.—"How to Feed Pigs for the Best Results That Have Been Farrowed in the Spring and are to be Sold at Public Sale in the Fall," C. E. Ogg, Auburn, Ill.; general discussion; "What to do to Make a Public Sale a Success," A. L. Bliss, Tuscola, Ill.; general discussion; "To What Extent do Blood Lines in a Pedigree Enhance or Decrease the Value of an Animal, and Why?" Linc Lukens, Disko, Ind.

Wednesday, January 9th, 7 p. m.—Election of officer and Transaction of such other business as may come before the meeting. Final adjournment to partake of annual banquet at Danforth Hotel.

The swine industry of Illinois was never in a more thriving condition than it is at present, and for that reason there should be a large attendance on the dates mentioned above. The program is certainly an attractive one, because the names on it are of men who know what they are talking about when they undertake to prepare an address on any phase of the swine question.

### EFFECT OF FARMYARD MANURE ON SOILS.

A ton of farmyard manure contains all the way from nine to fifteen pounds of nitrogen; four to nine pounds of phosphoric acid, and nine to fifteen pounds of potash. When one considers the fact that nitrogen sells in the open market in the form of fertilizer at about fifteen cents a pound, it is at once apparent that this element alone in a ton of manure makes it worth nearly \$2. The mineral elements—potash and phosphoric acid—at five cents a pound practically adds another dollar to its value.

Possibly the day has not arrived when the average farmer thinks it worth his while to compute the value of manure in cold dollars and cents, as we have in our preceding paragraph. Nevertheless, it is a financial problem after all, because in a very few years, if care is not taken of the soils of the corn belt, fertility in commercial form will have to be resorted to, and it will then be found to be a business proposition strictly.

One of the eastern stations has recently published a bulletin dealing with the subject of farmyard manure, and among other things says, after commenting on the actual fertility constituents:

Farmyard manure adds a large quantity of organic material, furnishing humus to the soil; this increases the water-absorbing, and retaining powers of soils. It exerts a beneficial influence on the texture of the soil, making close and heavy clay soils more open and porous. On this class of soils it is best applied in the fresh condition. On light, sandy soils, which are already too porous and open, it should be applied in the well rotted condition. The tendency of the humus here will be to bind these soils and make them more retentive. This decomposition exerts considerable influence on the fertilizing constituents in the soil through the action of the carbonic acid formed which greatly increases the solvent power of the soil water. The organic acids formed also exert a beneficial effect on the insoluble plant food of the soil. From these considerations we may conclude that the indirect benefit of farmyard manure to the soil is probably greater than its direct; but whatever these benefits may be, we may safely say that there is no other single manure which when applied to poor land gives to it a more lasting and more natural enrichment than stable manure.

We resort to literature that emanates from the East for the reason that farmers there have found to their sorrow what it means to waste fertility, and as a result of this waste in the past one will now find on the farms of New England and the eastern states that the farmyard manure is given as much attention as would be given to the very best kind of fodder used for feeding purposes.

It is not allowed to lie around the yards and leach away, but is hauled to the field soon after it is made. Furthermore, it is not spread in the old-fashioned manner where an application of fifteen or twenty tons per acre is made, but, on the other hand, a given amount of manure is made to go three times as far as when it was spread by hand. Of course the invention of machinery has helped considerably along this line. The introduction of the manure spreader in eastern, central and even the western states has not only solved the fertility problem, which is a financial one, but it has tended to solve the labor problem by relieving the farmers of one of the most irksome and disagreeable kinds of labor.

There is time yet to stop the flow of fertility from the farms of the corn belt. It must be done by feeding the grain and the fodder grown on the farm and by more skilfully managing such

manures as is made around the yards. Let this be spread thinly as soon as possible, after it is made on the fields, particularly on the meadows and pastures, and there is no reason why pro-

ductiveness of the soil cannot be maintained and even increased. In order to do it rightly, however, one must cut out hand labor and use machinery to the greatest possible extent.

## The Horse Market, Its Present Condition And Future Prospect.

BY JAMES B. DAVIDSON, ILLINOIS.

There has never been a time in the history of this country, or any other, when horses have yielded as good returns to the producer as the present and never have the prospects been so bright as they now are.

One has only to visit the leading horse markets or consult market reports to verify this conclusion and the farmer who wants to buy a good horse has only to make the attempt to buy in order to be convinced that horse breeding would have been a good proposition had he begun operations a few years ago.

Horses of the best draft type and with size are bringing from \$170 to \$250 and if good enough will sell for \$350, and the supply is below the demand.

The same may be said of carriage horses. Carriage pairs are selling from \$275 to \$650 and if well fitted and maneuvered will bring much higher prices.

Any kind of a horse sells well and common horses are higher than ever before.

Pure-bred horses for breeding purposes are beginning to feel the effects of this upward tendency in market values and they are beginning to appreciate in value very materially.

Pure-bred mares in 1905 could have been bought for 50 or 60 per cent less than now, and at the advanced price it is easier to find buyers than sellers.

Taking the sales of H. G. McMillan, held at Sioux City, Iowa, as a criterion, we find the top price for a mare in 1905 about \$625, while at his last sale, \$1,105 was paid for an untied brood mare, while an average price of \$539 was obtained for eighty-six head and there were a number of yearlings included in the offering.

Enough for present conditions, for it is patent to everyone that conditions are about as favorable to the producer as could be desired.

What of the future? Is it safe to breed horses now, or will they be a drug on the market before the prospective horse can be developed?

As I said in the beginning, prospects were never brighter than now. Some may say that this is too optimistic and that conditions do not justify such a conclusion. There is the development of electric power, the automobile. The fact that farmers will begin breeding, as is natural, when the prospects are so bright, and these agencies working together will cause a depreciation in horse values. True, auto-cars for pleasure and commercial purposes are in use to some extent, but they will never take the place of the horse or be a competitor. When there is light work to be done and conditions of the highway are very favorable, they can be used at certain times of the year, but when the auto is required to do heavy work it must be made so heavy that it becomes a burden to itself and is useless unless conditions are just right.

When it comes to hauling heavy loads through mud holes, up slippery pavements or over steel rails, it requires the shoulder in the collar and the weight to hold the horse to the ground, and nothing but the horse can meet these conditions. Electric cars can never be the competitor of the horse except in very prescribed limits, for the reason that there must be a road bed and track for the trolley and the development that follows the advent of the electric car increases the demand for horse power rather than diminishes it.

Once bicycles threatened the extermination of the horse and we know how it happened.

When binders first came into use laboring men felt that they were going to be put out of business, but it is a curious fact that with the introduction of the binder, wages began to advance and it is the same with electric and railroad development as affecting the horse business.

Back in the '90s farmers stopped breeding horses because it was not a paying proposition and there was not sufficient outlet for our surplus stock.

When prices had reached the bottom

European buyers were attracted to this country by the condition of our markets. Buyers were the first to be affected and these same buyers stood an increase in values of about 80 per cent before they quit the field.

The same was true of drafter buyers. They stood the same increase because they had learned the value of the American horse and only desisted because they could not compete with American horse users. Should prices depreciate so these European buyers can handle our horses, we will have an enlarged outlet and that will mean paying prices.

As the timber lands are becoming cleared and lumber is getting dearer, cement, sand, rock and steel are becoming large factors in building construction, and where one load was required for a frame building, five or six are now required and this will mean another outlet for man's noblest assistant.

We are now feeling the effects of the lull in breeding operations before mentioned and the supply has been cut off to a certain extent. The increasing activity in all commercial lines has created a demand for horses unequalled before. The supply of horses is low, the demand is great and buyers who formerly would refuse anything younger than a six-year-old are now quick takers of three-year-olds, and the result is that these horses are worn out before they have really reached maturity. This in itself will prevent our overtaking the demand for a long time.

The development of the new agricultural lands of the Southwest, West and Northwest, is causing a demand, and with the increased development there will be lands to be cultivated and increased loads at each end of the railroads, and this all means more outlets for horses.

As the people of the Southwest wish to improve their horses, it will give us another market for our breeding stock and especially mares. Unless horses are taken to that country quite young they do not acclimate and are generally a failure as breeders, and as conditions warrant it, that market will develop for us and we will have a demand without any competitors.

It is rumored that a big deal is about to be closed whereby a Minneapolis company will consign a large quantity of Minneapolis flour for Russian consumption. The gravity of the Russian situation as regards the wheat famine renders the hitherto unheard-of conditions of American wheat exportation to Russia a necessity. The exportation of Minneapolis flour in Russia will be without precedent. Only through the immense shortage in the Russian crop could this condition arise, a shortage so great that Russian flour prices have advanced to a notch where foreign millers can figure upon paying the high import duty, plus freight and still realize a fair profit.

### A GUARANTEED PAINT.

The name of O. L. Chase, the paint man of St. Louis, Mo., has almost become a household word in the homes of the corn belt. This is because Mr. Chase has been putting on the market for some years an exceedingly good paint at exceedingly low prices. He is able to keep up the quality and keep down the price on account of the fact that he has a new way of manufacturing and selling paints. The paint sold by Mr. Chase is ready to use, but is not ready mixed. The paint is made for each order after it is received. He ships his thick pigment, double strength, freshly ground, in separate cans and in another can the old process linseed oil. All the user has to do is to stir these together. As to the guarantee behind this paint, the offer is simply this: That there will be a cash forfeit of \$100 if the paint sold by Mr. Chase is found to contain water, benzine, whitening or barytes, and the same guarantee stands behind the oil, that it is the old-fashioned linseed oil and contains absolutely no foreign substance whatever. The buyer is given an opportunity to test two gallons of this paint, which will double-coat 600 square feet. If after that it is not found perfectly satisfactory the balance of the order can be returned and the two gallons will not cost you a cent. A postal card addressed to Mr. O. L. Chase, Dept. 27, St. Louis, Mo., will bring you a paint book, the most complete of its kind ever published, also the instruction book, entitled, "This Little Book Tells How to Paint." If you expect to do any painting next spring, send in your request for these books and mention The Homestead when you write.



## Farm Furrows

Turned by a Practical Farmer.

A man's creditors generally stick closer to him than any brother he ever had.

Some preachers now-a-days get almost as large a salary as football coaches.

Texas has a rate law known as the "Love bill." However, it has failed to appeal to the finer instincts of railroad men.

Why is it that the average man finds the seat on the corner of a dry goods box softer than the cushioned pew in a church?

The man or boy who likes to "fool around" with pigs or sheep or any other farm stock usually develops into a good stockman.

There is as much difference in brood sows as in dairy cows. A good mother cannot keep herself fat and her pigs, too. Remember this when you make apologies for the old sow that has to her credit twice the number of vigorous youngsters that her more elegant appearing herd mate has.

When I think how dull and lazy I get after sitting around in the house on stormy days I wonder how those city fellows stand it to sit all day in those stuffy offices. More and more we farmers are coming to realize that country life is the only life worth living. Edward Everett Hale says, "To live in the open air develops us morally, physically, intellectually and spiritually."

A Chicago seed firm has a new wrinkle in what is called a "seeded string." This is nothing more or less than a tissue paper string filled with seeds of different garden plants. In place now of planting seeds by guess out of the hand one can just lay a string of lettuce or radish in the furrow and cover in less time than it takes to tell. The rows can be kept straight in this manner and cultivation made easier, it is said.

Whenever you think that it would be a nice and pleasant thing to retire from the farm and take up life in the city, consider the change that would take place in your bill of fare. We know the road seems long on the way to church or town, but for our part we would prefer to go that way on a rashier of home-cured bacon and eggs and plenty of butter than to walk five blocks on some detestable breakfast chaff with skin milk and maybe some eggs of questionable vintage.

A good way to get the corn stalks off the field for spring seeding is to let the stock graze them down. Our stock has the range of the cornfield all winter and when spring comes there is nothing but stubs of stalks left. We have often watched the cows and young stock walk out to the field from a rack of clover or good oat straw. The food value of bleached stalks of course is not of much consequence; however, the old cow likes the change and, besides, it is good exercise for her to spend an hour or so in this way every day.

The feeding of stock can be resolved down to a problem of profit and loss. If you fed yesterday so as to put on a pound of gam, that was profit. If

# Make More Money Keep Your Stock Thrifty

## Here's the Whole Truth of the Matter.



**S**TANDARD STOCK FOOD is not a medicine, a drug, or a "dope."

It is a condimental food; a "seasoning" which takes the same place in the animal's ration that salt and pepper and mustard and sage and flavors and sauces take in your diet.

The animal needs this condiment just as you need condiments.

Because, first, it flavors and seasons the ration and makes it taste better.

So that the animal eats with a keener appetite and a greater relish.

That means a greater flow of saliva in the animal's mouth, a greater flow of all the juices and fluids in the digestive organs.

Hence the animal digests its feed more easily, more quickly and more thoroughly.

It gets more good from every pound of grain and hay it eats, and less of the ration is wasted by passing through the animal undigested

\* \* \*

But that is not all. The tonic properties of Standard Stock Food quicken the circulation, aid in assimilation, tone up the entire digestive system, and produce that healthy, vigorous condition which means greater thrift in animals and bigger profits for you.

\* \* \*

Honestly now, don't you believe, don't you know, that a stock food which will do this, will make money for you?

Standard Stock Food will do it. There is no "theory" about it. More than 400,000 of the best farmers, feeders, and breeders in the world use Standard Stock Food—and have proved that it does make stock thrive.

## As to Quality.

Standard Stock Food is good all the way through—every particle in it has honest stock food value.

If you will just compare it with any other stock food made,—look at it, smell it, taste it—you can see and smell and taste its superiority.



**STANDARD STOCK FOOD**  
**"IT MAKES STOCK THRIVE"**

It is stronger, purer, more concentrated.

That's why it goes so much farther than other stock foods.

That's why it costs you less to use Standard Stock Food than to use any other.

A dollar's worth of it contains more feeds than a dollar's worth of any other.

Simply compare the feeding directions on packages of various makes and you can see this for yourself.

It costs you less per animal, per month, than any other.

\* \* \*

We want you to try Standard Stock Food, not because we want to make a single sale to you, but because we know that if you give it a fair test you will become an enthusiastic, permanent customer.

More than 400,000 farmers and feeders have proved that "It Makes Stock Thrive."

We will sell it to you on a square deal, money-back guaranty—your money back if it does not do all we claim it will do.

You run no risk in trying it, and its use means bigger profits to you.

## GO TO YOUR DEALER

and ask him to supply you. If he cannot, do not take a substitute but send to us direct.

We will ship immediately and protect you with our square-deal, money-back guaranty.

## FREE TO YOU.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

Standard Stock Food Co., 1516 Howard St., Omaha, Neb.

the same animal was stunted today so that he was compelled to draw on yesterday's profit to maintain the functions of life, that was loss. There are too many people practicing the theory that the old Missourian had for making first-class bacon. Every other day he fed heavy; the days between the feed was light. In the end this resulted in a layer of fat always interspersed with a layer of lean.

We all have the welfare of our children at heart more than that of any other earthly possession. Yet how few of us ever visit the little white school house where some dear little school-ma'am is struggling to make dry grammar and arithmetic seem real to a dozen vigorous youngsters. Just imagine their delight and surprise if you should some afternoon drop in with a half dozen ears of good corn, or several different varieties of apples, potatoes, etc., and give a half hour's talk on the history, development and other points of interest on such subjects. We venture to say that you all would feel wiser and happier.

We always feel a bit conscious-stricken after turning away a beggar. Perhaps he was worthy of food and a night's lodging and perhaps not. One never can know whether he is sheltering an unfortunate or a criminal. In warm weather their condition does not generally arouse our pity, but these cold days it is different. Whenever we are now approached

we point to a good wood pile. At that place an hour of good work will bring a substantial meal. Don't feed him first; he may sneak away without expressing his gratitude at the saw buck. The fellow too lazy to saw wood knows the sign from his brother travelers and passes by on the other side.

## Cancerol has the Confidence of the People

A record of successful cancer cures of people from every part of the Union and in every situation about the body contained in a valuable free book, which will be sent to those interested. Write today. Address Dr. L. T. Leach, Drawer 88, Indianapolis, Ind.

## SENDING HIDES TO TANNERY.

Those who wish to obtain the highest market price for hides, pelts, furs, wool, tallow, etc., should communicate with Messrs. J. S. Smith & Co., of Chicago. This company tan hides and they buy directly instead of through dealers, and therefore pay top prices. This firm was established in 1865 and has grown every year, so that now it is one of the largest tanneries in the United States. Small shipments are given exactly the same close attention as large ones. A booklet has been prepared entitled, "How to Prepare Hides and Furs for Market," and this will be furnished free upon application to Messrs. J. S. Smith & Co., Department 16, Chicago. The advertisement will be found on page 30 of this issue. When you write for their folder, please mention The Homestead.

## "NOTHING TO EQUAL ABSORBINE."

Mr. Frederick Angell, of Bayville, Long Island, N. Y., writes under date of February 5, 1906: "I must say I have never used or seen anything to equal Absorbine in my experience. It has proved all you represent it to be. I have used it on capped hock, bruised knee, wind puffs and thick neck. I always

use it after the horses come out of the ring. I spray them all over and that seems to cool them off and freshen them up. I use it on myself after a bath and think it is a real luxury; after shaving diluted with witch hazel it is very nice, also on my hair." No well regulated barn is without Absorbine to keep the stock in "horse show" condition. It is a prompt and effective remedy for removing blemishes, healing cuts, sprains, bruises, etc. Just as valuable for allaying pain, healing cuts, sprains, bruises and the various accidents that happen to mankind. Absorbine can be procured from your druggist or will be sent express prepaid upon receipt of \$2. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

## SEED CORN SOLD ON APPROVAL.

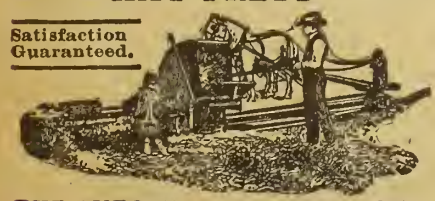
The above is the slogan of Mr. G. D. Sutton, of Mason City, Ill., whose advertisement will be found on page 10 of this issue. He is selling Sutton's Improved Boone County White, Sutton's Favorite White, Reed's Yellow Dent, Gold Standard Leaming and Premium Yellow Dent. Eight thousand bushels of fine seed ears have been selected from 600 acres and when this seed is sold business will stop, as Mr. Sutton does not believe in buying up cheap corn and selling it for high-class seed. It can be ordered in the ear or shelled. All shelled corn is nubbled at both ends and afterwards graded. But the best thing about the offer made to customers is that if corn does not stand a test the buyer can return it within ten days at the expense of Mr. Sutton and have his money refunded. In other words, you may test the seed corn and if it does not germinate as it is guaranteed to germinate, you do not need to keep it. An illustrated seed corn book will be furnished upon application. Address Mr. G. D. Sutton, Dept. D, Mason City, Ill., and please mention The Homestead when you write.

When writing to advertisers please mention this paper.

## THE AUTO-FEDAN HAY PRESS

3-Stroke Self-Feed 2 Men Can Run It.

Satisfaction Guaranteed.



THE AUTO-FEDAN HAY PRESS CO.  
1062 Jefferson St., Topeka, Kan.

## CUT ICE

With the Dorsch Double Row Ice Plow We guarantee it will cut more than 20 men sawing by hand. Cakes are uniform, of any size and thickness. One man and a horse will cut more ice in a day than the ordinary farmer and dairy man can use. You can cut for others and make the price of our plow in two days' use. Ask for catalogue and introductory prices. JOHN DORSCH & SONS 216 WELLS ST., MILWAUKEE, WIS.





# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## ANNUAL MEETING NEBRASKA SHORT-HORN BREEDERS' ASS'N.

Attention is called to the annual meeting of the Nebraska Short-horn Breeders which will be held at Lincoln, Neb., January 18, 1907, during the week of meetings of agriculture. The Nebraska Short-horn Breeders' Association has grown to be a very strong organization with a membership of one hundred or more breeders and the program this year is full of excellence. Addresses will be made by such able men as Mr. B. O. Cowan of Chicago, and others of like ability. On the evening of January 17th at the Windsor hotel a banquet will be given at 8 p. m., preceding which it is probable that the annual business meeting will be held in order to leave the entire day of the 18th to the program. It is hoped that all members of the association and others interested in Short-horns will be present at the business meeting and subsequently at the banquet. The banquet last year was a big success, plates being in place for over eighty persons. It is hoped the number will be increased to one hundred or more this year. Headquarters will be at the Windsor hotel and arrangements have been made for rates. Those desiring to have rooms reserved will write the secretary, S. R. McKelvie, Lincoln, Neb.

## EXPERIMENT STATION IN ALASKA, HAWAII, AND PORTO RICO.

A systematic effort has been begun to determine the feasibility of the livestock industry in Alaska. A small herd of Galloway cattle has been purchased and located at Kenai, in Cook Inlet, and at Wood Island. These cattle have subsisted during the summer upon the native grasses, and a considerable supply of grain hay has been grown at the Kenai station with which to maintain them during the winter. Wheat, rye, barley and oats matured in 1905 and 1906 in the Yukon Valley, but 300 miles farther south, in the Copper River Valley, cold and drouth killed all but the hardiest varieties of cereals. A large amount of grain hay was obtained at the Copper Center station and sold at a highly remunerative price. It has been shown that many of the Alaskan soils require lime, and a method has therefore been devised for the cheap local production of lime in small quantities.

The Hawaii station reports an increasing appreciation of its efforts toward diversifying the agricultural industries of the islands, and as a direct result of three years' experimental work with tobacco it is said that this year fully 200 acres were planted. The discovery by the station chemist that Hawaiian feeding stuffs are deficient in lime is an important one, and will make it possible to arrange more satisfactory rations for live stock. The investigations on the marketing of tropical fruits promise to open markets in the Pacific coast, which can best be supplied from Hawaii. Investigations begun with the object of rehabilitating the rice industry have been so favorably received that private individuals have generously contributed considerable sums of money to aid in carrying them on.

The Porto Rico station is extending its influence, and requests for co-operative work are coming from numerous sources.

While the income of the station has been too limited to enable it to meet these demands, yet they show a growing sentiment in favor of the station which is very encouraging. The coffee experiments have begun to show results, and the improved methods of pruning and cultivation are quite apparent in the increased yields obtained. A successful effort is being made to grow lowland rice, and this industry should be greatly extended. The Porto Ricans are large consumers of rice, most of which is now imported. Among the forage crops, experiments with cowpeas have been most successful, and it is believed that they can be grown throughout the island. Numerous horticultural experiments are in progress, and studies are being made of insect pests and plant diseases.

### BOY'S TERRIBLE ECZEMA.

Mouth and Eyes Covered With Crusts  
—Hands Pinned Down—Miraculous Cure by Cuticura.

"When my little boy was six months old, he had eczema. The sores extended so quickly over the whole body that we at once called in the doctor. We then went to another doctor, but he could not help him, and in our despair we went to a third one. Matters became so bad that he had regular holes in his cheeks, large enough to put a finger into. The food had to be given with a spoon, for his mouth was covered with crusts as thick as a finger, and whenever he opened the mouth they began to bleed and suppurate, as did also his eyes. Hands, arms, chest, and back, in short the whole body, was covered over and over. We had no rest by day or night. Whenever he was laid in his bed, we had to pin his hands down; otherwise he would scratch his face, and make an open sore. I think his face must have itched most fearfully.

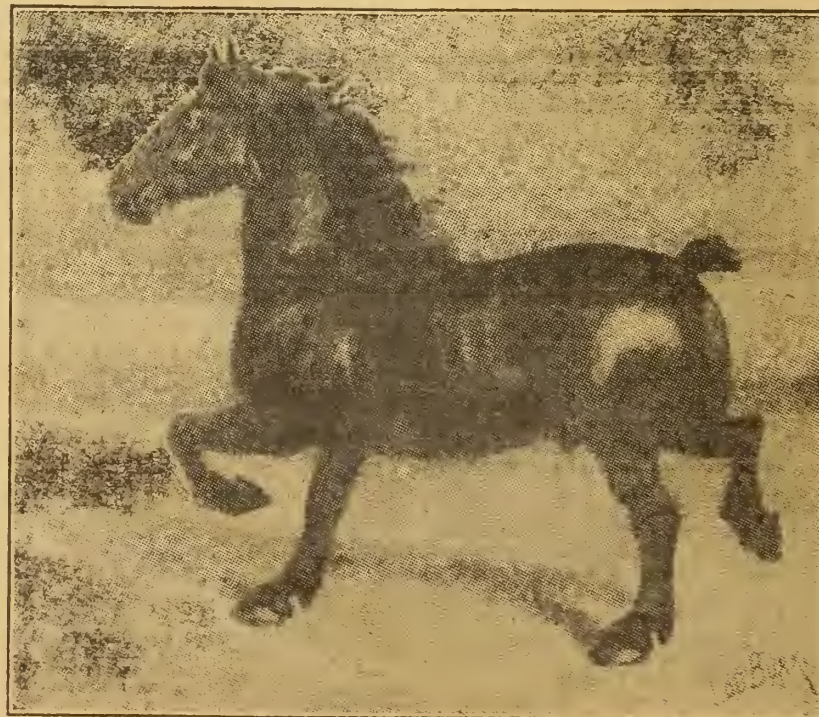
"We finally thought nothing could help, and I had made up my mind to send my wife with the child to Europe, hoping that the sea air might cure him, otherwise he was to be put under good medical care there. But, Lord be blessed, matters came differently, and we soon saw a miracle. A friend of ours spoke about Cuticura. We made a trial with Cuticura Soap, Ointment, and Resolvent, and within ten days or two weeks we noticed a decided improvement. Just as quickly as the sickness had appeared it also began to disappear, and within ten weeks the child was absolutely well, and his skin was smooth and white as never before. F. Hohrath, President of the C. L. Hohrath Company, Manufacturers of Silk Ribbons, 4 to 20 Rink Alley, South Bethlehem, Pa., June 5, 1905."

### E. R. Morgan's Hereford Sale.

The sale of Hereford cattle held by Mr. E. R. Morgan, of Blue Rapids, Kan., on December 19th, was well attended by breeders and cattlemen from northeast Kansas and southeast Nebraska. The cattle were offered in just nice breeding condition. Many thought the offering of thirty-five bulls would not find buyers, but twenty-eight head were sold. The larger part of these were quite young and cut the average to a great extent. Mr. Wm. Henn, of Kansas City, Mo., bought several of the older bulls for the western trade. The top on bulls was \$210, paid by Mr. Henry Kaump, of Randolph, Kan., for Lot 30, a May yearling got by Earl of Willowbrook. The heifers bred and in calf to Mr. Morgan's great herd bull, Onward 18th, were ready sellers. The top on these and the top of the sale was \$215, paid by Mr. L. A. Oberhelman, of Winkler, Kan., for Lot 29, a granddaughter of Beau Brummel, with a corkscrew bull calf at foot got by Onward 18th. All the females found ready buyers and at reasonable prices. Col. R. E. Edmonson in his opening address spoke at some length on the pedigrees on Hereford cattle, explaining clearly to the man who might be contemplating starting in the Hereford business that he had nothing to fear as to families, as this is one breed that is not affected by any family craze. A list of all sales with the averages follows:

### BULLS.

Julia's Keep On, one year, Peter Peterson, Morganville, Kan.	\$ 55
Stanford, one year, J. M. Williams, Home City, Kan.	65
Gershon, one year, Wm. Henn, Kansas City, Mo.	60
Hero, one year, W. B. Hobe, Barnes, Kan.	65
Perfection, one year, L. Pfle, Palmer, Kan.	70
Roseberry, one year, Ed Rice, Blue Rapids, Kan.	45
Sir William, one year, Wm. Henn	65
Daniel, one year	50
Kansas Boy, one year, F. W. Toburen, Cleybourn, Kan.	50
Gladys Keep On, one year, Wm. Henn	60
Bobby Shafto, one year, E. L. Axelson, Garrison, Kan.	40
Irma's Keep On, one year, Wm. Henn	70
Troubadour, one year, same	55
John Halifax, one year	40
My Beau, six years, F. E. Swansen, Randolph, Kan.	



A three-year-old black Percheron, weighing 1,970 pounds. The kind that Messrs. Peter Hopley & Son, of Lewis, Iowa, have always sold at their farm. This is the kind of stallion this well-known firm have always sold, and the kind that makes old customers come back and bring new ones with them. They now have a grand lot of two and three-year-old Percheron stallions on hand and are offering them at prices that the same class of horses cannot be bought for elsewhere.

## This High Grade Door 2-0 x 6-0, All White Pine, a Really Wonderful Value, Worth Nearly Three Times Our Price

If you have any use for doors, windows, storm or barn sash, moulding, porch brackets, columns, etc., don't buy elsewhere at any price or under any circumstances until you have written for our factory prices.

You will then receive by mail, postpaid, FREE, Our Grand Millwork Catalog, a book of the latest and best styles of doors, windows, storm sash, moulding, porch brackets, columns, stair rails, ladders, art glass, etc.

We will explain why we can sell at prices so much lower than were ever before known.

Our prices are next to nothing compared with what you have been in the habit of paying.

Modern Front Door, glazed clear glass, "B" quality ..... \$1.99

Four-Panel Door, painted ..... .71

Two-Light Window, glazed clear glass ..... .63

Storm Sash, glazed clear glass ..... .64

Art Front Window, Battenberg Lace design ..... 3.35

% x % Quarter Round per 100 feet ..... .25

Porch Brackets ..... .05

Colonial Staved Columns ..... 1.60

Our prices on all other millwork equally low. If you intend to build, or if you need millwork for any purpose, do not think of buying until you get our estimate. Our goods

**CORDON, VAN TINE & CO., Station 845, DAVENPORT, IOWA**

are high grade as well as wonderfully low in price. Our lumber is first air dried and then, as an extra precaution, is put through a scientific drying process. Joints are made with heavy hard wood dowel pins, glued with imported glue, pressed together by heavy steam power press. There is no "come apart" to our work.

Door Panels have a heavy raise on both sides. The panels are sandpapered on a special machine of our own invention before the door is put together, and the entire is then smoothed with fine grained sandpaper. We guarantee our goods to be strictly up to the official grade adopted by the Sash, Door & Blind Manufacturers' Association of the Northwest.

We operate the largest mill in the world—163,000 feet of floor space (four acres)—have been in business since 1865—own our timber lands, saw-mills and lumber yards. We carry a large stock and can therefore ship promptly. We have no traveling men—sell only for cash. We are the only large manufacturers of sash, doors and blinds selling direct to the consumer. Our prices will astonish you. Don't buy anything in our line until you get our catalog, the greatest woodwork catalog published. It's Free—write for it today. Address

doiph, Kan.	75
Gamaliel, one year, Wm. Henn	65
Gladiator, one year, J. M. Modean	45
Dale, one year, Henry Kaump, Randolph, Kan.	210
Dauntless, one year, Henry Anderson, Waterville, Kan.	125
Togo, one year, P. F. Peterson, Morganville, Kan.	45
Rose's Keep On, one year, T. J. Melgreen, Garrison, Kan.	45
Prcl's Keep On, one year, O. H. Roberts, Wymore, Neb.	45
Prless Roseh'ry, one year, Wm. Henn	45
Brutus, one year, same	60
Major, two years, same	160
Gay Roseh'ry, one year, same	40
Alice's Keep On, one year, August Kolling, Morganville, Kan.	95

### COWS.

Sadie B., two years, F. W. Roepke, Barnes, Kan.	70
Lady Beryl, three years, Ed Toburen	75
Kathleen, two years, H. H. Johnsmeyer, Cleybourn, Kan.	80
Alice Boabdil, five years, and c. c., Ed Toburen	110
Miss Lou, one year, Wm. Acker, Vermilion, Kan.	65
Leta 2d, and b. c., J. A. Oberhelman	215
Lady Aurora 2d, H. H. Johnsmeyer	100
Thanksgiving L., F. W. Roepke	85
Pearl W'tchman, R. H. Hazlet, Eldorado, Kan.	80
Lenore, Ed Toburen	75
Ladybird, O. H. Roberts	60
Gladys, A. A. Hert, Wymore, Neb.	65
Birdena, L. G. Wreath, Manhattan, Kan.	60
Nellie Bly, A. A. Hert	40
Antonia, J. M. Williams	65

### SUMMARY.

27 females	\$1,835; average	\$69.33
15 Bulls	1,245; average	\$83.00
42 head	3,180; average	73.23

### McLemore Made Good Sale.

The sale of Short-horn cattle held at Columbus, Neb., December 28th, by Mr. W. M. McLemore, of Kearney, Neb., was well attended by breeders and farmers of central Nebraska. The cattle offered were in nice breeding condition and were all disposed of at a figure satisfactory to Mr. McLemore. Local buyers seemed very eager for the bull offering and picked them up at a good, fair price, average \$100.25. An average of \$75 was secured on the cows, which was way below their value. Below is a list of those selling for over \$75:

Gentle Mary, Joe Russell, Seward, Neb.	\$100.00
Independence Belle, J. C. Deshler, Columbus, Neb.	75.00
Augusta, H. Olcott, Columbus, Neb.	80.00
Myrtle 6th, A. D. McGlaughlin, Cokeville, Wyo.	92.50
Bonnie, Fred Wollie, Columbus, Neb.	87.50
Myrtle 3d, A. D. McGlaughlin	77.50
Roxie, Henry Kohler, Schuyler, Neb.	75.00
Lizette, J. Kohler, Schuyler, Neb.	75.00
Independence, J. C. Dineen, Oconee, Neb.	92.50
Polite, Fred Wollie	82.50
Prince, J. B. Keil, Duncan, Neb.	105.00
Chas. Malone, Wm. Klug, Richland, Neb.	122.50
Victoria's Knight, D. A. Beecher, Columbus, Neb.	80.00
Monarch, Oscar Eng, Newman's Grove, Neb.	100.00
Mazurka's Thicket, J. C. Dineen	100.00
Favorite, Joseph Leibig, Columbus, Neb.	97.50
Prince Lovely, Fred Wollie	105.00
Golden Lad, August Loske, Columbus, Neb.	85.00
Victor Dudding, Tom Oconee, Spalding, Neb.	92.50
Roan Lad, John Galley, Columbus, Neb.	115.00
Total average on the whole consignment	\$86.25.

On page 5 of this issue will be found the latest of the Litchfield continer stories, telling you all about "How It Happened." Read it.

Milk soured to the first degree is good pig food. Soured to the putrefactive stage it is unfit for any use.

There are three things essential to success in the dairy: the man, the cow, the feed, in the order named.



## IOWA DUROC JERSEY MEETING

The annual mid-winter meeting of the Iowa State Duroc Jersey Swine Breeders' Association was held in Des Moines on Thursday of last week. There assembled at that meeting about fifty enthusiastic champions of this great breed. The meeting was a pronounced success, because every man there came with the idea of helping along the cause and with the purpose in view of receiving some instruction from the program and from meeting with his fellow breeders that would help him in his own business.

The spirit that prevailed at this meeting and the feeling that permeated the hotel lobbies where those attending made their headquarters indicated that the flag of the Duroc Jersey is floating higher than ever before—brought about by the brisk sales made during the last few months of the year 1906 and by the prospects that are now in sight for the female offerings later on.

There were few items of business transacted, as this is generally done at the annual meetings held on the Iowa State Fair grounds. However, a committee was appointed to represent the Duroc interests in conferences held during the coming months regarding new equipment that the state will in all likelihood place on the fair grounds in 1907. It was also decided to hold the meeting during state fair week on Wednesday evening, while the next December meeting will be held during the week of the state farmers' institute and board of agriculture meeting.

Mr. H. C. Sheldon, secretary of the National Duroc Jersey Record Association, was present and gave a talk relating to the needs of the Duroc Jersey men on the state fair grounds. In part Mr. Sheldon said:

"They have assigned to me 'The Needs of the Duroc Men on the State Fair Grounds.' I would consider that the needs of Duroc men are in common with the needs of all swine men or swine exhibitors, whether Duroc or some other on our state fair grounds. I cannot conceive of anything that the Duroc breeders would need in the shape of improvements that is not needed by all exhibitors of swine on the fair grounds. Of course, there is no doubt that some of our Duroc breeders there think they need some things that others think they do not in the shape of luxuries around their tents or something like that.

"One of the most important needs of exhibitors—I will say exhibitors of all breeds of swine—on our fair grounds, I would consider better sanitary arrangements. But there is a question in my mind whether we could blame the management of the fair association. I believe they have done everything in their power for the swine breeders with the limited means they have had at their disposal. The matter of new buildings has been taken up a year or two ago and while we have never gotten them yet, we think there has been enough accomplished that we feel confident our state legislature will make an appropriation the coming winter for improvements in the way of buildings and barns.

"Another thing we need is facilities for handling our feed and bedding and better sleeping quarters. Our camping quarters for the Duroc breeders have been very poor, especially if we have a wet time. I recollect two years ago that we were all drowned out. If we slept at all we had to sleep in the hog barns. We have no place to store feed or bedding where it will not be exposed to the weather unless we use the hallways in the barns and, while we have been using them and will have to continue to do so, it should not be done. It takes up the room that the visitors to the barns should have in passing back and forth.

"Another thing that we think is very important for the Duroc breeders is that we ask, and not only ask, but demand, from our swine superintendent, that our judge or judges at the state fair be selected from Duroc breeders and not from breeders of other breeds. I may be questioned on that, but it is my honest conviction. The past fall I attended three state fairs where the judges for the Durocs were breeders of other breeds of hogs. They were men of rep-

utation and good breeders of their own breed, and their ability and honesty was unquestionable, but as Duroc judges they were not satisfactory to the majority of exhibitors."

Mr. L. H. Roberts, of Paton, Iowa, read an interesting paper relating to the benefits to be derived from the state association, and in part said:

"We all feel the value of these associations, and it is just this indescribable feeling of enthusiasm which we have after attending a good association that is one of the direct benefits. It is something that makes a man study harder. It enables us to go home with the impression that the breeding of hogs is a great calling, and it is. The man who goes about his work thinking that his effort will tell in the future is going to do better work in the present. At this meeting we generate enthusiasm in hog breeding that we seldom get anywhere else. Who is there that does not become animated and intensely interested during the lively discussion of a subject on which he has spent many years of study and work? It gives the impulse to do more and better work in the future, and it is from such impulses that come our best efforts.

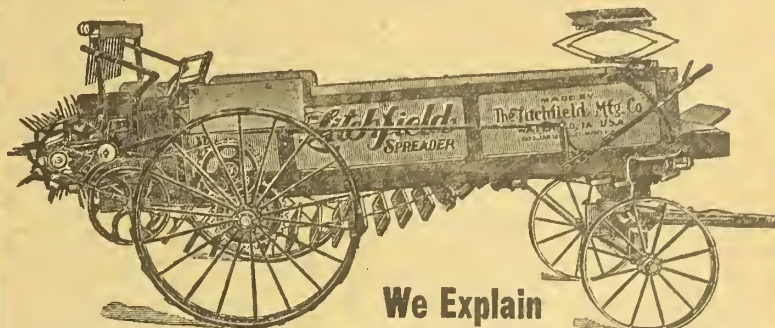
"Another point I would dwell upon is that we may keep in touch with and informed on the latest experiments and improvements in hog breeding. In any calling the person who keeps informed regularly is the one who will usually succeed. At the present time in this city the leading educators of Iowa are holding an association. The best teachers are in attendance because they wish to keep in personal touch with the leading educational questions. And to us there is the urgent need of knowing the latest and most authoritative opinions of those who are devoting special attention to hog breeding. Certain misconceptions and mistakes have been corrected and we must know these corrections and the new conclusions, if we are going to be progressive. Even though we may not put into immediate practice the things we learn here, there may come the time when they will be of untold value.

"It has been said that experience is a dear teacher, and we agree that it is, but it is often the best school. As in the association we hear of the latest theories and attempted improvements, so also do we hear of their practical application. The failure or success of certain experiments is discussed, and it may not be necessary for us to conduct the same experiments. All theories may here be sifted in the sieve of practice. It is inconceivable that every idea or new thought brought out should be correct. We need some such discussion as is possible here for the correction of errors that creep into our work.

"Then if we would have these meetings a success we must not only get all the old breeders to attend, but if the work which we are now doing is to be carried on in the future we older members must invite and encourage the younger men to attend and to take an active part in this work. Well do I remember the time when I first went to the associations with my father, how he encouraged me in the work. When in after years I think over the interest and enlightenment, even then received, I feel that there will not be the progress there ought to be in the future unless the young men of today attend meetings like these. I believe you will find that several of us took our first real interest in the breeding of hogs after attending our first meeting of this kind. Then we need to realize that it is a duty to bring as many young men as possible. We should get them into the active work quickly. New blood coming into the meeting will keep us from getting into ruts. Usually those who have achieved eminence in any vocation have learned the first principles while they were young and their minds impressionable. If our younger members are active and wide awake they will be calling upon us to explain established principles, and in such explanations we will be compelled to keep our knowledge fresh.

"Not by any means the least valuable feature of the association is the meetings of members before and after the regular sessions. The members may

## HOW IT HAPPENED



### We Explain

TO TELL our customers how the Litchfield Spreader happened to be produced with the "Litchfield" style of swinging section or self cleaning endless conveyor, has been one of the thoughts in mind for a number of weeks. We have felt that this was interesting to our readers because of the numerous inquiries as to how we, with the Litchfield Machine, are offering to the trade the only spreader on the market which has a hinged section conveyor, one that is automatic in its work and which others would naturally build if they could.

The strong need for an endless conveyor was easy to see at the beginning, but how to get it without the objections that had always been common with all endless conveyers was another question. The inventors who applied their energies to this work soon brought out the hinged section, making it impossible for anything to clog on the lower surface because all slats or sections swing down and hang edgewise while passing under towards the front of the machine. This feature being absolutely new and never before known or heard of in connection with spreaders, was easily protected and gave an extremely broad or strong patent.

The strength and individuality of the Litchfield Spreader was originally due largely to this one particular, exclusive feature. The machine stands today as the only representative of a perfect endless conveyor and it is perfect because there are no obstructions and no objections that can possibly be offered when the value of this form of "Apron" is considered.

Every dairyman who wants to use his spreader daily, as the modern "cow man" is insisting on doing, has no use for a machine that will not work successfully under all conditions, including the coldest kind of weather in any climate. Right here, with this particular kind of land owner, is where the Litchfield machine stands out with the strength of perfection.

When any article comes onto the market and steadily gains in its "circulation" year after year as the Litchfield Spreader has been doing for the last five years; and when the "other fellows" put up a strong fight against this certain specialty, it is well for the men who foot the bills (the land owners) to look thoroughly into this question and become posted.

The very best evidence we can offer of the superiority of the Litchfield style of self-cleaning or hinged conveyor sections, is the fact that this plan of "Apron" is confined entirely to the Litchfield Machine and the fact that other spreader companies condemn it.

What do you think about our position? Are we not correct? If you want to know more concerning the details of this style of conveyor, let us send you descriptive folders.

We invite your correspondence. Don't miss us next issue.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

continue the discussions of the meeting or talk over personal experiences, or even arrange matters of business. Oftentimes business can be arranged much more satisfactorily than through correspondence.

"In closing, I wish to emphasize that I believe one of the greatest things we receive at a good association is inspiration. In curs as in other lines of endeavor the man with ideals wins. There never was yet any enterprise that did not have its ideal. If there had been no ideal there would have been no accomplishment, but we must work out the ideal. Our ideal should be the perfect hog. We may never reach this high standard, it is true, but we will come nearer to perfection if we have an ideal than if our work has no standard. I believe this association is one of the greatest factors in reaching the ideal."

Mr. H. S. Allen, of Russell, Iowa, gave an address entitled "The Showman and His Herd." This was full of meat and contained many valuable suggestions to beginners in the show business. Mr. Allen had nothing to withhold concerning his methods, and the frankness with which these were given accurately indicates just why it is that Duroc Jersey men pull so well together. The slogan seems to be to each encourage and support the other. This, possibly as much as the merit of the Duroc hog, has been responsible for the rapid increase in their popularity. In part, Mr. Allen said:

"In order for a herd to win in the ring there must be good individuals to start with. In order to produce these individuals we must plant good seed, for like produces like. This has been proven time and again by champions producing champions and prize winners producing prize winners. On the other hand, there are prize winners and champions whose ancestors never saw a show ring. Then, again, there are prize winners and champions who have not the power of reproducing prize winners. Therefore, when buying breeding stock to produce a show herd, we would say, if possible choose good individuals backed up by a show-yard pedigree.

"Feed flesh-forming foods, such as oats, mill feed or any other feed containing lots of protein. Cut out fat-forming food, such as corn, and give plenty of range with good pasture. Now for picking out the individuals for show.

## HIDES TANNED

SEND YOUR HIDES TO US  
They are valuable  
Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cowdle Glove Co., Des Moines, Iowa

Go out into your herd and look them over carefully. Discard all poor feet and weak pasterns, for a slightly weak pastern or foot when starting to fit for show means a very weak pastern or foot when finished. Get with these good feet and pasterns a good, strong, flinty bone with good, straight legs, set well apart. Next look for a good back with a well-sprung rib. These should be coupled to a good ham. Now look for a good, wide head, wide between the eyes, and an eye that won't feed shut; and a good ear, for a good, wide head and well-turned ear speak volumes for quality. Add to these all the size you can possibly get, for quality without size is as naught in the show ring, as well as the feed lot. If you are going to show pigs under six months, commence when they are ten or twelve weeks old, and carry along gradually. If fitting older hogs, eight months is none too soon. Start with oats, mill feed or any good flesh former. Get them on full feed of these in about thirty days, and carry along gradually. Never fail to give plenty of range with good grass in season, and never overfeed. If good separator or fresh milk can be added to the above ration, so much the better. If we are fitting one that we feel sure is going to be a winner, we make it a point to get fresh milk for him. Someone has said that nature might have made a better food than fresh milk, but she never did.

"About ninety days before the show, if some are getting fat or overdone, hold them down by hard driving. Some say, 'Yes, but we have no time to drive.' If you expect to win you may expect to spend a good deal of time preparing your herd for this honor. No man ever won by slipshod methods. About sixty days before the show, begin feeding a little oil meal, very lightly at first. This is to put the hair in good condition. Also about this time the animals will begin to get lazy from long feeding and will refuse to exercise. Here is where



you will find trouble galore if you are not very careful. See that they take lots of exercise. If an animal is getting overdone, we do not cut off feed, but drive hard and feed right on. If you cut off feed they are apt to lose their bloom and this bloom they must have to be a winner at any of our great shows. Now we are ready to start for the show. If it is hot weather we will need to use lots of care. We always use a furniture car. Would not use a stock car unless it was thoroughly disinfected. When loaded in the car give all the ventilation possible. If it is very hot get a large piece of ice before starting and if one is getting too hot, break this in small pieces and lay under and around it. This may save a fine hog sometimes. If you are not over twenty-four hours in transit, do not feed anything, but give plenty of water. When we arrive at the grounds we unload as quickly as possible and let them rest a few hours before feeding. Now they will likely be very hungry, so we are careful not to feed too much. Before starting for the ring we get everything ready and are sure the animals are looking their very best for the first look the judge gets of a well-fitted animal often brings him around again.

"We will now speak of the showman. When we say showman, we mean a gentleman in the show ring. No doubt you have all seen the kicker in the show ring. The man who kicks every time his hog is turned down, nine times out of ten there is no ground for him to kick. His hog usually has some defect which he has overlooked or cannot see. When we drive a hog into a ring to show against from twenty to eighty of the best individuals the breed can produce we must have a mighty good hog, in the pink of show condition, to get a second look from the judge, let alone get inside the money. As breeders and showmen, we should feel proud to have an animal in the ring which will compare favorably with the best in such shows as we have in Iowa. On the other hand, you men who have been showing for a number of years, have, no doubt, been in the ring when the incompetent man was judging, or perhaps you have shown under the partial judge. Of all the troubles a showman can have while in the ring, the partial judge takes the lead and here is the only place where the showman should register a kick. Yet he has one consolation and that is that he is very seldom called upon to show under such a judge. Let us learn to take defeat gracefully and hold ill will toward none, for remember the other fellow is just as anxious to win as we. But if we are turned down let us not give up but look carefully at the winners and go home determined to try a little harder next year. The man who sticks is the man who wins out. Last of all we wish to say, choose your type of hog and stick to him but be sure and choose a good type. Our type is the large hog carrying lots of quality."

Mr. W. A. Staples, of Glidden, Iowa, addressed the association dealing with the benefits of pure-bred animals on the rising generation. He pointed out that there was just as much culture in the study of animals as in the study of Greek and Latin, and stated that the salvation of American agriculture rests on the attitude of the rising generation toward improved stock. Much has been accomplished in recent years by way of improving the common animals of the country, and this has been done through the efforts of those who have handled foundation material in the form of pure-bred stock. There are just as great opportunities along the line of breeding pure-bred animals, said Mr. Staples, as there is in any other line and the young man who has a taste for the business and who has average talent can build up a business along this line that will make him independent and bring to him as much genuine fame as can be attained along other lines.

Mr. M. T. White, of The Homestead field force, presented a paper entitled, "How to Prepare for Duroc Sales," and among other things, said:

"On my arrival home last Saturday evening I found a program of the National Duroc Jersey Swine Breeders' State Association awaiting me. From it I learned that I was slated for a paper on 'How to Prepare for Duroc Sales.' What I do not know about the topic would fill a volume. What little I have learned leads me to conclude that the best way to prepare for a Duroc

sale would also be the best way to prepare for a sale of any other breed.

"The question was once asked, 'When should the education of a child begin,' and the answer was 'A hundred years before it was born.' While this would hardly apply to Duroc Jersey sales, it nevertheless carries with it a meaning that is far reaching, and if one would prepare for a successful sale, he must necessarily lay the foundation for the same years in advance. The first requisite for a successful Duroc sale is first class stock. To be able to offer a bunch of say forty or fifty head of first class animals, you must first select the very best brood sows that your means will allow. The boar is an all important factor in your herd, and inasmuch as he will sire a whole crop of pigs, everything depends on him. Many a successful sale was made largely on account of the boar at the head of the herd. Granting that he is a first class animal, and that he is capable of siring first class stock, the sale will be the more successful if the brood sows belong to the same class. There was never a good show animal that did not have a good mother, and the more perfect she is the greater the possibility of her transmitting her good qualities to her offspring. Innumerable instances could be cited of animals that have won prizes in show rings, as well as making a fortune for their owner, that have had good mothers. While not necessarily perfect as an individual, she nevertheless possessed certain characteristics that stamped themselves indelibly on her get, and placed her in the front rank of the great brood sows of her time.

"This foundation being laid the next essential is the care of your stock. I have seen many a good foundation laid that was afterwards shattered by lack of proper care and attention. If you purchase a high class boar and keep him in a 2x4 pen, with a board floor in one end and a mud hole in the other, without any opportunity for exercise, you cannot hope for the best results. But with ample room, good feed and a good yard for exercise, you may hope for good results, and when you come to make a sale you will find that you have a healthy, vigorous lot of hogs, with good constitutions, that you may force to the limit of development without fear of overdoing.

"The feeding of a bunch of Durocs is one of the essentials in preparing for a sale. A good growth is attained by proper feeding and is absolutely necessary if you get all there is to be had out of a bunch of hogs. A mistake that many breeders make is the attempt to fit hogs for sale on an absolutely corn ration. This is too often the case and sows fitted in this way do not always do well for the men who buy them, and

of course the seller comes in for his share of criticism.

"One of the first things that breeders should do is to settle on a date, and then not wait until the last minute to make the necessary preparations. The time when a sale is made sometimes makes a great difference, and there are certain seasons that are better than others for the success of your sale. Having decided on your date the next thing is to procure an auctioneer, and I would advise you to get a good one. In fact the best is none too good, and I have often seen a good salesman pay for his services on one animal.

"A question that confronts every breeder who contemplates making a public sale is the advertising of the same. The agricultural press has done its share in building up the pure-bred sales, and the medium that will reach the greater number of people interested in your sale is the one you should make use of in placing your advertisements. This will reach both the farmer and the breeder, and let me say here that the farmer has been one of the very best buyers in public sales. To reach him should be the desire of every breeder who is making a sale, because it is absolutely necessary that he become interested. The farmer of today may be the breeder of tomorrow and it always pays those making public sales to see to it that he is made acquainted with the class of stock you are selling. The breeder, as a rule, keeps posted, and knows what sale he wants to attend.

"When sale day arrives everything should be provided for. The sale tent should be up early, and if cold, a stove should be put up for the comfort of those in attendance. The hogs should be marked before the buyers arrive so they may inspect the offering with the least possible delay. Sufficient help should be provided so that everything will move along in good shape and the breeder should know before the sale begins the order in which the hogs are to be sold. The marking of your hogs is another thing to which particular attention should be paid, and if this is done properly many mistakes will be avoided, and much confusion will be prevented.

"In conclusion let me say that one of the very best ways to prepare for your sale is to treat your customers as you would wish to be treated. Have your pedigrees made out and see to it that the buyer does not have to wait a year for the same. Sell them a good hog, and an honest hog, and if your stock is as recommended and they do well in the buyer's hands you will be sure to have made a future customer. If you sell a man a gold brick you not only lose his custom, but you also lose the custom of all his friends. It always pays a breed-

er to be honest with his patrons and see that they get all for which they pay."

The papers given above only convey to the minds of our readers a partial conception of the character of this meeting. An interesting discussion followed every paper, and not for years have we seen men more heartily enter into the discussion of topics. All remarks were to the point and delivered in a way that reflects most favorably on the ability of these men who are in the front rank in breeding pure-bred foundation stock.

#### Free Book On "Tools and Their Uses."

Every farmer should know something about the materials and manufacture of the tools he uses. If the materials are right and the methods of manufacture correct better and easier work results, and durability and other advantages accrue. The American Fork & Hoe Co., 135 American Trust Building, Cleveland, Ohio, will send to any Homestead reader who writes them a postal card request to the above address, a free book on "Tools and Their Uses," showing hundreds of special-purpose tools and how to save time, labor and money in selecting farm and garden tools. This reliable company manufactures forks, hoes, rakes, hooks, weedeaters, cultivators, beet tools, floral tools and every desirable pattern of hand tools. Their "True Temper" and other brands are old favorites. They have both the right temper and the right "hang," which makes work easier. Write them today to above address; and read their advertisement on page 10.

#### EXCELLENT STOCK WATERING TANK.

If your stock watering arrangements are not satisfactory, just turn the pages of The Homestead until you see the striking advertisement of the Bushnell Pump Company. It's a new advertisement. Your eye will catch it as soon as you come to it. If you can furnish the water, the Bushnell people will furnish you a satisfactory tank, or pump or most any other water appliance, for that matter. The advertisement pertains particularly to the excellent wooden tanks made by the Bushnell Company. So far as we know, there is nothing superior made. It must be remembered that Bushnell tanks are made from select lumber—not from rejected pieces, where vehicles, furniture, finishings, etc., are made out of the better parts of the lumber. Those who know how shingles, plastering lath, staves, etc., are made out of rejected pieces of logs which would otherwise be total waste to the saw mill man, will know what we mean by saying that Bushnell tanks are made of select tank lumber. Take one of the Bushnell tanks with thick, solid, tongued and grooved staves, hooped as the Bushnell people hoop them, set it on a proper foundation and keep it painted, and hardly any stock man will need another in his lifetime. The advertisement calls attention to round and flat steel hoops, adjustable lugs, galvanizing, etc. They are all important. Don't fail to read this advertisement if good stock watering tanks of any capacity interest you. Catalog and all particulars from the Bushnell people by writing for them. See page 12.



DR. HESS, M.D., D.V.S.  
IN HIS  
LABORATORY

## Knowledge—not guesswork

Dr. Hess (M.D., D.V.S.) who formulated Dr. Hess Stock Food is a regularly licensed Doctor of Medicine and a Veterinary Surgeon. He is a graduate of the University of Wooster, Cleveland, Ohio; a graduate of College of Physicians and Surgeons, Baltimore, Md., and a graduate of the Chicago Veterinary College, and in addition is a practical stock feeder of many years' experience. Dr. Hess Stock Food is a medicinal food prepared from a highly successful prescription used by Dr. Hess in his many years regular practice before the food was put on the market. It requires only common sense to see that unprofessional manufacturers cannot equal a preparation formulated by a practical physician and based upon accurate knowledge, long experience and observation. Furthermore,

## DR. HESS STOCK FOOD

### FOR CATTLE, HOGS, SHEEP AND HORSES

is sold under a positive guarantee to do all that is claimed for it. It contains tonics for the digestion, iron for the blood, nitrates to expel poisonous materials from the system, laxatives to regulate the bowels. It has the recommendation of the Veterinary Colleges, the Farm Papers, is recognized as a medicinal tonic and laxative by our own Government, and is sold on a written guarantee at

100 lbs. \$5.00  
25 lb. pail \$1.60

{ Except in Canada  
and extreme  
West and South.

Smaller quantities at a slight advance.

Where Dr. Hess Stock Food differs is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee.

Veterinary advice given free. From the 1st to the 10th of each month by naming this paper, stating what stock you have and what Stock Food you have fed, we will furnish you free veterinary advice and prescriptions. Enclose two cent stamp for reply. Dr. Hess 96 page Veterinary Book will be mailed free for giving the above information.

**DR. HESS & CLARK, Ashland, Ohio.**

Also Manufacturers of Dr. Hess Poultry Pan-a-cs-a and Instant Louse Killer.

**Instant Louse Killer Kills Lice.**



## IN THE GREAT SOUTHWEST.

The implement trade in the Southwest has amounted to thirty-four million dollars the past season.

Bank clearings have made a gain of eleven per cent this past year in Kansas City or in round figures have been 1,300 millions.

More than 36,000 ear loads of wheat, 15,000 of corn and 12,000 of hay have been gathered together at Kansas City from the rich country surrounding.

The reason for the great growth of business in the large cities of the great Southwest has been the opening of thousands of acres of territory in Oklahoma, Texas and adjoining states. Crops have been good and prosperity is universal. Thousands of dollars' worth of business has been lost by the difficulty of getting goods from the factories.

That kiln-dried corn is merchantable, and that the raising of the grade through kiln-drying does not impose any handicap on the commercial value of the grain, was decided recently by the advisory board of the Kansas Grain Inspection department.

Because much corn bought by large Kansas elevators originally graded No. 3, owing to dampness and was raised through the kiln-dried process to No. 2, it was refused.

Nearly half of the Indians of the United States live in Oklahoma. The new state has 105,700 Indians as compared to 284,000 in the United States.

The Kansas State Board of Horticulture has elected the following officers: Edwin Taylor, of Wyandotte, president; Edwin Snyder, of Jefferson, vice-president; Edward Hoover, of Sedgwick, treasurer, and Walter Wellhouse, of Topeka, son of the "apple king" of Kansas as secretary.

The Oklahoma Live Stock Sanitary Board has done excellent work this year in preparing for serious work in fighting the cattle fever tick during the coming years. The work of the board of 1906 has done more along this line of preparing for future attacks than in actually heading off the disease. Owing to the difficulty of the field force engaged in this work in getting board it has been decided to work in squads of six and use a camp wagon and a cook.

Two students of the Kansas Agricultural College, Clifton Stratton and Roy Graves, recently started out for their homes on the walk, a distance of 125 miles. They were to walk the distance in a given time and were to receive twenty-five cents per minute for every minute earlier than this time they reached their destination and were to pay twenty-five cents per minute for every minute later.

The state board of agriculture in its session recently held at Columbia, recommended the following appropriations: For an agricultural building, \$200,000; soil survey, \$15,000; poultry barn, \$10,000; experiments, \$25,000; other departments, \$16,000.

In the first two weeks of the opening and reading of the offers on the big pasture farms 4,508 bids had been recorded on December 29th and 3,113 still remained unopened. The highest bid received was \$5,007 for this northwest quarter section nine, township one and range eight west.

Harrison Parkman, who is said to have introduced alfalfa into Kansas, died at Emporia recently at the age of seventy-three years. Mr. Parkman first saw alfalfa growing in Chili.

Farmers' week at the Missouri Agricultural College promises to be the event of the year. It begins Monday, January 7th, and ends on Friday.

**TO CURE A COLD IN ONE DAY**  
Take LAXATIVE BROMO Quinine Tablets. Drug-gists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

## The Week in Kansas.

To the Editor of The Homestead:

The holiday week has treated Kansas like a lord, as far as weather is concerned. It has been just like a week at the commencing of fall, instead of a time when there is supposed to be snow enough on the ground for Santa Claus to use his sleigh and reindeer.

The ground has been frozen too much for plowing. Though it has been cold at

## CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted under this heading. Each number and initial letter or abbreviation counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 165,000, reaching a farm population of at least 825,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

ROCKY CREST FARM is offering choice Barred Rocks, both cockerel and pullet bred lines, with score cards by Judge McClure. Prices reasonable. These birds line bred for years. At Rochelle, Ill., in strong competition, won four firsts and tied for fifth first. Eggs for sale in season. Write for prices. Member American Plymouth Rock Club. Will D. Quick, Ashton, Ill.

EVERGREEN Lawn Farm, M. Hummel, prop., Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 22 years, line for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize-winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianapolis, Iowa.

300 CHOICE Barred Plymouth Rock cockerels and hens. Large and healthy, narrow barred to skin. \$1.00 each, six for \$5.00. Willis Sheilbon, Merrill, Iowa.

MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks. 100 choice cockerels for sale. Eggs in season.

75 BARRED Plymouth Rock cockerels for sale. Nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

BARRED Plymouth Rock cockerels, scored and unscored. Mrs. A. S. Wilkinson, Paton, Iowa.

## LEGHORNS.

300 ROSE COMB White Leghorns, either sex \$1.00 each, lending strain. Egg producers. Circular free. M. F. Horning, Alden, Minn.

## COCHINS.

FOR SALE—A fine lot of Partridge Cochins cockerels and pullets, Geo. Mitchell strau, \$1.00 and up. Mrs. C. O. Brewer, Route 4, Atlantic, Iowa.

## RHODE ISLAND REDS.

Rhode Island Red cockerels. Extra large, good color. For sale very cheap. Mrs. J. Holmgren, Gilmore City, Iowa.

## BRAHMAS.

LIGHT BRAHMA cockerels for sale cheap if taken within thirty days. Write for prices. J. G. Goddard, R. R. 5, Box 61, Galesburg, Ill.

## GEESSE.

TOULOUSE GEESSE and ganders eight months old, weight 15 to 21 lbs. Prices reasonable. Mrs. E. C. James, Plankinton, S. Dak.

## MISCELLANEOUS POULTRY.

MAMMOTH Bronze turkeys, sired by 48-lb. tom, scored 98½; Toulouse geese, Pekin ducks, Single Comb Buff Orpingtons, Single Comb, Brown, White and Buff Rose Comb, Brown and White Leghorns. Wm. Guida, Osgood, Iowa.

PURE BRED poultry and eggs of all kinds for sale. Barred and Buff Rocks, Pekin ducks and Bronze turkeys a specialty. Enclose stamp for catalog explaining our method of business. J. F. Foy, Redfield, Iowa.

TWENTY-FIVE Breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Grant Western Poultry Farm, Rural Route No. 4, Mapleton, Minn.

MAMMOTH White Holland turkeys, Imperial Pekin ducks and Barred Plymouth Rocks from prize-winners of extra heavy weight and high scoring. Fred Post, Monticou, Iowa.

MAMMOTH Bronze turkeys: fifty from stock scoring 96 to 97. Two hundred choice Barred Plymouth Rock cockerels, \$1 each. J. C. Watts, Berwick, Iowa.

CHOICE White Wyandotte pullets, \$10 per dozen. White Wyandotte and Barred Plymouth Rock cockerels, \$1.00 each. Murtha Reeh, Emmetsburg, Iowa.

WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsh, Jr., Aledo, Ill.

no time, the temperature has been even—very little freezing or thawing. This is the kind of weather that is just right, according to our standard.

There has been little going on in a business way this week. The folks seem to have decided that they have earned a short rest, and are taking it. A few spent Christmas in the corn fields, but very few. All except the very backward ones now have their corn in the cribs, or are near enough through so they did not spoil a holiday with work.

The neighborhood below us organized a hunt, with rabbits for the game. The side that won ate oysters at the expense of the losers. In all, 370 rabbits were killed. As we are better off without the rabbits, and no one was "accidentally shot," the day was well spent.

The roads have been good for the past week, making traveling not dreaded and

## REAL ESTATE.

TEXAS FARM for sale. Section of valley land near Vernon; produce anything; sandy loam. Write to owner for details. Joseph W. Laud, owner, Vernon, Texas.

TO EXCHANGE for clear eastern farm. 3400 acres grass land and 1400-acre farm, central Kansas, clear of incumbrance. J. B. Cramer, Kiowa, Kansas.

FOR SALE. A fine lot of farm bargains in east Kansas. Any size; write for free list and map. Iler & Mansfield, Garnett, Kansas.

FOR QUICK SALE. 8,000-acre improved ranch, Central Kansas, \$4.50 per acre, no trade. J. E. Cramer & Co., Kiowa, Kansas.

800-ACRE well improved farm near Fessenden, N. D., 640 acres under plow, for sale at \$35.00 per acre. F. G. Riedesel, Oto, Iowa.

## LANGSHANS.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Staicup, Lorimer, Iowa.

BLACK LANGSHAN cockerels, \$1.00 each. Leonard C. Paup, Harlan, Iowa.

## TURKEYS.

PURE BRED Mammoth Bronze turkeys. Toms, \$5.00, hens, \$3.00. Rosalie Newberry, Argyle, Lee Co., Iowa.

BUFF TURKEYS for sale by Warren Collins, Alden, Iowa.

## DOGS.

RATS. My Scottish Terriers will make them git. Fine pups for sale. S. W. Harr, Iverside, Iowa.

## CATTLE.

REGISTERED Herefords for sale. Twenty cows and heifers, \$50 each; 27 calves, \$30 each, by bunch. Also four home-raised registered Percheron stallions. Address, L. H. Luckhardt, Tarkio, Mo.

## HOGS.

30 POLAND CHINA and 20 Duro Jersey bred gilts for sale. Weight 250 to 275 lbs. Every one guaranteed. Joseph Bouska, R. 2, Calmar, Iowa.

FOR SALE—Improved Chester White brood sows and gilts. Bred. Write your wants to A. J. Johnson, R. F. D. No. 2, Brighton, Iowa.

## HORSES.

THREE home-grown, pure bred Percheron stallions for sale; two 3 and one 2 year old, blacks, 1,500 to 1,800; heavy boned, extra quality. Priced right. Grant McCoy, Indianola, Iowa.

FOR SALE OR TRADE—Shire stallion, coming four years old, weight about 1,700 lbs. Address, W. D. Hardin, King City, Mo.

## JOB PRINTING.

FIFTY printed envelopes sent free with 100 neatly printed note heads, your name, business and address, for 50c, cash accompanying order. National Printing Co., Des Moines, Iowa.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

## MISCELLANEOUS.

THE CEMENT WORKER'S Hand-book tells farmers all about cement work. How to build walls, floors, walks, tanks, cisterns, blocks, posts, etc. Fourth edition revised. Cloth bound. Send 50c. to W. H. Baker, Wadsworth, Ohio.

FOR SALE—Shetland ponies, ferrets, poultry, pigeons, pheasants, rabbits, guinea pigs, goats, cats, dogs, 2-cent stamp for circulars. Col. Joseph Leffel, Springfield, Ohio.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## REAL ESTATE.

EIGHT SECTIONS selected Morton County, N. Dak., \$10.00 an acre; three-section stock ranch with three sections leased, house, barns and corrals, 85½ level plow land, rich grass, \$9.00 an acre. 160 acres, Deuel County, S. Dak., prairie, \$16.00 an acre; 160 with buildings, \$21.00 an acre; 320, Red River Valley, Minnesota, two sets buildings, \$23.00 an acre; 250 acres, Minnesota, 14-room brick house, modern, hard wood finish, mangers and grates, brick and frame barns, brick and cement silo, orchard, evergreen grove, finest farm in the west. Groneman, 408 Knedict Building, St. Paul, Minn.

WANTED—A few locators of moderate means for Naturita Valley, Colorado. They must be sober, industrious and willing workers. To such we pay \$3.00 per day for ten months in the year, with terms \$5.00 per day; one-third cash, two-thirds on farm purchase. We will otherwise assist each to own a farm and become independent financially. For particulars apply to Carmon Layton, Iowa State Agent, 317 Fifth Street, Des Moines, Iowa.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

A SNAP. 560-acre farm, two sets of improvements including two wind mills, large barns and houses. Price \$57.50 per acre; terms reasonable. Only 3½ miles Bancroft, Iowa, with population 1,000. Large parochial school and fine public schools. Morehouse, 228 Fifth St., Des Moines, Iowa.

A SPLENDID BARGAIN.—320 acres in Chesterfield County, Virginia; 150 acres cleared, balance heavily timbered—one and one-half million feet, estimated. Two seven-room dwellings, good barn and out-buildings. Price, \$4,500, one-third cash, balance on time. J. M. Gill, Scranton, Pa.

700-ACRE stock farm, 110 in cultivation and 20 in alfalfa, balance pasture and meadow. All fenced, fine creek water fed by springs, plenty of timber for fuel and stock shelter; fine feed corral with running water. Telephone, rural route, price \$20.00 per acre. Dryer & Griffith, Emporia, Kan.

FLORIDA farm, 40 acres on Indian River, suitable for all sub-tropical fruits and vegetables; four-room house, six acres pineapples, two acres oranges and grapefruit, two acres garden. Price, \$5,000, Address, Stewart Ankney, 1942 Arlington Ave., Des Moines, Iowa.

TEXAS RANCH for sale in Oldham County, Panhandle, three miles from county seat. 6,000 acres good land, inclosed with five wire fence; \$10,000 improvements, price \$4.00 per acre; easy terms. Also smaller tracts. Thos. J. Pugh, Omaha, Neb.

FOR SALE—Improved and unimproved farms in South Dakota, improved farm in Northern Missouri. I sell on small commission, none sell cheaper. For square deal, write W. L. Cochran, Box 309, Aberdeen, S. Dak.

SALE OR RENT—160-acre farm, 8-room house with furnace, two barns, tenant house, etc. Convenient to church, school, cheese factory, railroad stations. Address owner, E. S. Wolcott, Itchland, Ia.

EIGHTY ACRES all smooth land, well improved, near interurban car line, 12 miles, Des Moines, very desirable home, \$10 per acre. Frank L. Hall Land Co., 209 Crocker Bldg., Des Moines, Iowa.

560 ACRE ranch, well improved, in Coffey county. No better in eastern Kansas. At a bargain if taken soon. For descriptions and maps write, Lane & Kent, Burlington, Kansas.

A GOOD INVESTMENT—160 acres of good land all in wheat, two-thirds to go to purchaser. Price only \$37.50 per acre. For full description write it. G. Tonkin, Abilene, Kan.

FOR SALE.—Farms, stock ranches, Kansas and Missouri. Before you buy, write for free lists giving description, location and price. F. H. Humphrey, Fort Scott, Kansas.

EASTERN Colorado farm land, \$6.00 to \$8.00 per acre. No irrigation required. Large crops of corn and small grains. Name this paper. F. C. Lougee, Council Bluffs, Iowa.

A BARGAIN—214 acres, well improved, one mile from railroad and creamery, five miles from county seat. Write owner for particulars. Box 76, Osgood, Iowa.

BAYFIELD County farm lands. I own and have for sale all sorts of lands close to Washburn. Low prices; easy terms. O. P. Swallow, Washburn, Wis.

NOTICE TO HOMESSEKERS—If you want homes in eastern Kansas please write for lists of land. Burger Brothers, Burlington, Kan.

640 ACRES top wheat land for sale direct to purchaser, less real estate dealer's commission. J. Q. Voyles, McCracken, Kansas.

## CREAM EXTRACTOR FREE

This is a genuine offer made to introduce the PEOPLES CREAM EXTRACTOR in every neighborhood. It is the best and simplest in the world. We ask that you show it to your neighbors who have cows. Send your name and the name of your nearest freight office. Address PEOPLES SUPPLY CO., Dept. 150, Kansas City, Mo.

our fine "Italian" weather coming to a more or less abrupt close. We hope not; yet it may be as some say, if we do not have our winter soon, we'll catch it in the spring. Henry Hatch. Coffey Co., Kan., Dec. 26, 1906.

Regarding the Litchfield Continued Story, we wish to call attention to page 5 where they tell you "How It Happened."



## ADDITIONAL FIELD NOTES.

## LARGE LAND DEALERS.

One of the largest deals of the year has just been closed by the Western Land Company, of Des Moines, Iowa, which gives them control of 300,000 acres of the richest lands in the Panhandle and southern Texas lands. This section has been held out these many years by ranchmen, but the constant incoming of immigrants has used up all the surrounding lands available and compelled them to sell. It is the plan of the Western Land Company to run their own special car to this section every first and third Tuesday of the month. They are in a position to quote you some unusually low prices, due to the vast amount purchased in one deal. They are also in close touch with the railroads and can secure very low rates for your trip down there. There is no part of the country that is attracting more attention now than this section, which gives so great promise of advance in values. Write the Western Land Company, whose advertisement appears on page 26 of this issue, at 530 Good Block, Des Moines, Iowa, and they will send you a descriptive catalog, giving location and prices.

## THE HOMESTEAD DOES THE BUSINESS.

A recent letter to one of our traveling representatives from Mr. William D. McTavish, the prominent breeder of Berkshire swine, of Coggon, Iowa, says: "Boars all sold and am tired answering so many inquiries. Please make this fact known to your Homestead readers. I have the best lot of large, lengthy, heavy-boned Berkshire gilts bred for April and May farrow that I have ever owned. They are bred to four of the very best boars in the West, namely, Lee Duke 2d 65576, Ringmaster 96330, Corporal 96281 and Black Premier, a grandson of Premier Long-fellow. You can say that these sows will be priced at from \$35 to \$50 safe in pig, but for goodness' sake stop those orders for boars. Tell your Homestead readers that if they want boars from Chapel Hill they must get their orders in early next summer for the boar trade." We can truthfully state that Mr. McTavish is one of the most painstaking breeders of Berkshire swine in the middle West. He is the gen-try of Iowa, is thoroughly reliable and perfectly safe to deal with. A Homestead representative has seen the gilts above referred to and can heartily recommend them to all our readers as being strictly choice from every point of view.

## IAMS' SWEEPSTAKES PERCHERON AND BELGIAN STALLIONS AT NEBRASKA STATE FAIR, 1906, LARGEST PAIR FOUR-YEAR-OLD IMPORTED STALLIONS IN THE UNITED STATES, WEIGHT 5,080 POUNDS.

Mr. Middleman—"You can't preach and rob your neighbors, too," by helping that "slick stallion salesman" sell that fourth-rate stallion to twenty neighbors for \$4,000. "It's up to you," Farmer John! Form your own "horse company," then keep a "pushin' and a shovin'" until you arrive at Frank Iams' "town of stallion barns," St. Paul, Neb. Then "butt in," buy a "Peaches and Cream" stallion at \$1,000 or \$1,500 of Iams, so good that he will make that "\$4,000 company stallion" go back behind "the old apple tree" and wish he was in his own class working with the old (gentlemen gelding horses), and you will save \$1,000 or \$1,500 and get a stallion that will be a "king in a bunch." The fact that Iams imported or bred the stallion stamps him as a "top notcher," as Iams' reputation as an expert horseman and "square dealing" business man is well known in the United States and Europe. No importer of stallions is so widely known as Iams, of Nebraska. His stallions are living advertisements for him, and his old customers are always his best friends and many of them he has made wealthy. Iams is proud of the enemies he makes in the way of "hammer throwers." He makes them all "squirm and wiggle" because he is the stallion buyer's best friend, saving them thousands of dollars annually in middlemen's profits and commissions. Iams' "horse show" at Illinois, Iowa and Nebraska State Fairs was an "eye opener." He had the "big black boys" better than the pictures. They said, "Iams has competitors beat a mile." No wonder they want Iams' stallions "barred" from the "show ring." Iams is cutting the "middle" out of "high prices." He has 160 "top notchers," two to six years old, weight 1,600 to 2,500 pounds, 90 per cent blacks, 50 per cent ton horses, and they are all "up in the air" looking for a new owner. Iams' twenty-five years of successful business is his best recommendation to buyers. If you visit him and do not find every statement made in his advertisement or catalog true, you can get that \$500 he hangs up. He furnishes \$1,000 or \$1,500 insurance. You say, "Why can Iams sell better stallions at half price of others?" Iams buys and sell every stallion himself at his home barns. He buys stallions by "special train load," eighty or 150 at a time. He speaks the languages, saving you 20 per cent. He is not in the "stallion trust," saving you \$300. He pays no "slick salesman" \$100 to \$1,000 to sell you a fourth-rate stallion. He has no two to ten men to share profits with. He pays spot cash for his stallions; owns his farms, houses, barns, stocks and stallions. He sells

stallions by "bot advertising" and baving the goods to make every statement good. Iams sells stallions so good they do not need a "slick salesman" or the auction block to sell them. Our illustration is Iams' Trallala, four-year-old Percheron, sweepstakes winner at Nebraska State Fair and defeated the champion prize winner of France at Iowa State Fair in 1906; Tosteau, four-year-old Belgian, sweepstakes winner at Nebraska State Fair, 1906, largest pair of stallions in the United States, weight 5,100. A sensational, big-class, big-boned drafter of symmetrical proportions. A "wide-as-a-wagon" stallion that makes buyers take their number and ask for a "second look." He storms down the avenue like a "whirlwind." He is "Iams' kind." "Ready money." Iams' daily "horse show" will set you "going some." He will suit you in stallions at "cut rate prices." His "selling clothes" fit all buyers. You won't get away from Iams with your money or bankable note. Write for eye-opener or catalog.

## THE ANGUS AUCTION AT SOUTH OMAHA, JANUARY 18TH.

It is likely that no man in America has had as much experience as Mr. W. C. McGavock, of Springfield, Ill., in the selling of pure-bred Angus cattle, and he wishes it distinctly understood that the offering to be sold at Omaha on January 18th is one of the best that he has ever made and absolutely the best of the breed that he has ever cataloged for an Omaha auction. Mr. C. B. Gray, of Corwith, Iowa, is selling four sons and daughters of Imp. Prince Ito, the \$9,100 and record-breaking champion bull, and they are from Blackbird, Barbara and Crocus dams. He also includes a Blackbird bull by Bell's Eclipse, the sire of Black Woodlawn, one of the greatest bulls of the day. Mr. W. D. Reynolds, of Villisca, Iowa, catalogs some of the best specimens of the champion producing Drumin Lucy family that have gone under the hammer within recent years. Messrs. N. G. Daughmer & Son, of Douglas, Ill., catalog ten sons and daughters of the double Blackbird bull, Blackset, a first-prize winner at the American Royal, and an international prize winner and son of the sire of champions, Black Monarch of Emerson, and the dam of champions, Blackcap 5th. Messrs. Barr & Lonecker, of Dexter, Iowa, consign a very highly-bred Blackbird bull and some high-class females along with him. Mr. M. H. Knudson, of Farmingdale, Ill., and B. H. Keck, of Cornland, Ill., also have choice consignments. The catalog will prove interesting to all friends and admirers of the breed and it should be in the hands of all. It can be obtained by addressing Mr. McGavock at Springfield, Ill.

## OREGON OPPORTUNITIES.

The Portland, Oregon, Daily Journal, in a recent issue, had the following in regard to the work being done in the interest of Oregon by the Oregon Development League and the Portland Commercial Club: "The Portland Commercial Club is receiving about 500 letters a day inquiring about Oregon resources and opportunities. The larger part of the letters are from farmers in the middle West, who have been moved by one influence or another to consider changing their residence to the Pacific Northwest. The inquiries are being distributed among the sixty-three organizations forming the Oregon Development League. A great deal of this correspondence is being carried on through the name of the Oregon Development League. The letters received are answered, giving the information desired about each section of the state where the seeker for information may find conditions suitable to his needs. The man who wants to raise Angora goats or wool is told where he can find conditions right for that industry. The fruit grower, the agriculturist, the mill man and the manufacturer are given special attention. The dairyman is told how western Oregon especially is adapted to his business, with green pastures the year round, and high prices for milk and butter. It is really difficult for a resident in any section of the East to make inquiry about anything that Oregon cannot furnish in the line of opportunity. This great state is singularly wide in its business latitude as well as its area. It furnishes openings for the eastern sugar beet growers,

## ONE MONTH FREE

"Belvidere, Neb., June 5, '06.

Dr. T. F. Williams,  
Des Moines, Iowa.

Dear Doctor:—I am feeling excellent at this writing. I have not used more than half of the last treatment, and I think it is needless to take it any longer.

I have a ravenous appetite. I think I could almost eat an iron wedge, I feel that strong.

I shall continue to use the inhalation. I think the little Inhaler a wonderful institution. I find it a preventive of headaches. I have had "others" try it and they say it is ALL RIGHT.

Wishing you success through the remainder of your life, I am,

Very respectfully,

(Miss) Hannah Houts, R. F. D."

"Alva, Okla., April 20, '06.

T. F. Williams, M. D.,  
Des Moines, Iowa.

Dear Doctor:—I am feeling so well that I really see no necessity of continuing the treatment. I have a good appetite, bowels are very regular, and I have gained ten or twelve pounds in flesh since taking your treatment. I have a part of the medicine left, which I do not think I will need to take.

My lungs are not uncomfortable any more and my hearing is good. If I should need any further treatment I shall be glad to write you again. The medicines are all right and I think the Vaporizer is fine.

Thanking you for good health, I am,

May God bless you and your remedies."

T. F. WILLIAMS, M. D.  
Consulting Physician.

Yours truly,  
Joseph Kiss, Box 69, R. F. D. No. 3.

WRITE ME TODAY---DELAYS ARE DANGEROUS.

CUT THIS COUPON OUT AND SEND AT ONCE.

## FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,

211-218 Crocker Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

Name .....

Address .....

the wine grower, the stock raiser, the peach, pear and apple raiser, the hop grower, the coal miner, the timber man, the seeker for gold, copper and other precious metals." See advertisement on this page.

## MCLEAN'S SHORT-HORN SALE.

On January 14th at Rock Valley, Iowa, Mr. W. J. McLean, one of the most prominent Short-horn breeders in northwest Iowa will sell a draft of forty-two head from his well-known herd. It is with extreme pleasure that we call the attention of Homestead readers to his sale. The cattle that he will offer at this time are an especially choice lot, and the sale is not lacking in Scotch. In fact, he is putting in some of the very best that he has in the herd, there being seven head of Scotch females and four Scotch bulls. The most prominent families are Victoria, Mysie, Matchless, Narcissus, Generosity and Honey Flower, and these are well along in calf or with calf at foot by the splendid Victoria bull, Valley Sovereign, Morning Joy and other well-bred sires. The Scotch-topped sorts Mr. McLean is selling in this sale are as good as he has. These have from three to five and six Scotch tops on them, and as individuals they are

as good as have been sold anywhere in late years. One of the best things that Mr. McLean will sell in the sale is the splendid cow, Imp. Celia 9th. She was sired by the Durbie bull Proud Star, is a roan in color and is bred to Choice of Archers, considered one of the very best breeding bulls in northern Iowa. She is a Miss Ramsden, and is certainly an attractions that should call forth our very best breeders. Another very choice three-year-old is Golden Lass, a daughter of Sittytown Hero, and she is due to have calf about sale time by the noted show bull, Ceremonious Archer. Queer Victoria 7th is a richly-bred two-year-old Victoria heifer and she is safe in calf to Valley Sovereign. Mysie Lady is a seven-year-old daughter of Abiquill. She is a Mysie and will also be bred to Valley Sovereign. Generosity of Lakewood is another of the good ones and she will have a bull calf at foot by Morning Joy. Evelyn of Lakewood is another of the plums and she is well along in calf to Morning Joy. Besides these is a grand lot of Scotch-topped cows, many of which will have calf at foot, and others well along in calf. He is selling a good bunch of bulls, some of

## DAIRY LANDS IN OREGON.

## SPECIAL INDUCEMENTS

For practical dairymen to settle on logged-off lands in Oregon.

## THE PARADISE FOR DAIRYING.

For authentic information, address,

OREGON DEVELOPMENT LEAGUE,

Dept. 29, - - - Portland, Oregon

## STILL COLLEGE OF OSTEOPATHY

## DES MOINES, IOWA.

## THREE AND FOUR YEAR COURSES.

Largest Osteopathic Clinic in the World. Osteopathic Infirmary in Connection. Send for catalog K. Next Term Begins February 1, 1907. We are in a position to take care of patients of all classes. The best of everything. C. E. Thompson, A. M., D. O., President; William E. D. Hummel, A. M., I. L. B., Secretary and General Manager, 1422 Locust Street.



LADY WONDER.

Lady Wonder, a litter sister to the great Crimson Wonder, to be sold in the closing out sale of W. W. Wheeler, Harlan, Iowa, January 16.



which are straight Scotch. Sittytton Chief is a good, strong, vigorous roan bull. He was sired by Sittytton Lad and his dam was Imp. Henry Flower. He is selling a richly-bred Narcissus bull, and also sels a son of Ceremonious Archer. Viscount of Ogile is a good bull proposition and is a son of Golden Charity Prince. There are several good young bulls in the offering, and the sale as a whole is a high-class one. Write Mr. W. J. McLean, Rock Valley, Iowa, for catalog and kindly mention The Homestead. FAIRCHILD & STEVENSON'S DUROC JERSEY SALE.

The opening of the Duroc Jersey sale season begins at Onawa, Iowa, on January 11th, when Messrs. Fairchild & Stevenson sell fifty head of sows and gilts. This is their first annual brood sow sale, and of course they are anxious to make a good one, and in consequence have drawn on some of the best they have in their herd. This herd has been built up along the very best blood lines and it ranks along with the best in western Iowa. It came rather prominently before the Duroc Jersey world this year, because at the head of the herd stands Orion's Profit, the sire of the Minnesota sweepstakes boar, Dale. In the sale will be a number of daughters of Orion's Profit and there will also be a good sister of the noted winner, Dale. Her name is Rose Orion and she is No. 3 of the catalog. She was bred to Prince Tolstoy, a grandson of old Tolstoy, the sire of Crimson Wonder. A number of the sows are sired by Advance Lad, a full brother to Proud Advance, and a boar that was used in the herd of Messrs. Manley & Co., of Lyons, Neb. Some of the sows are bred to Happy Medium, a son of the noted boar, Junior Jim, and out of a daughter of Orion. This boar is owned jointly by Messrs. Manley & Co. and Fairchild & Stevenson, and he is one of the good young hogs now used in the West. Three aged sows that will be sold are daughters of old Long John, and these are all bred to Orion's Profit. There are a number of excellent young gilts in the sale sired by Orion's Profit and Advance Lad, and the breeder who wants something bred in prize-winning blood will not make a mistake in attending this sale. Write Messrs. Fairchild & Stevenson, of Onawa, Iowa, for catalog and kindly mention The Homestead.

#### HAMMER SELLS DUROCS JANUARY 17TH.

On January 17th Mr. John Hammer, of Greenwood, Neb., will sell a draft of Duroc Jersey hred sows from his herd that should be sought for by the breeder and farmer who is looking for the right type of Duroc Jersey sow. They are large, heavy-bodied, broad-backed sows that are pleasing to the eye of the hog man and are bred along the right lines. It will be remembered that this is the home of Happy Hollow Chief 46277, one of the very best sons of the great boar, Crimson Wonder, living today. This hog is an extra good individual and has proven a great breeder, as you will notice by looking over his gilts on sale day. He is the sire of the greater part of the gilts in this sale and those not sired by him will be bred to him. This boar is assisted by Nebraska Chief, a very good son of Ohio Chief, which Mr. Hammer is crossing on his Happy Holly Chief gilts, and something extra good can be expected from this cross. Mr. Hammer has also purchased a grandson of Tip Top Notcher which he will use to some extent on a number of the sows going in this sale. He will offer about forty head in all, of which the majority will be gilts, including two daughters of the great Ohio Chief. There will also be a number of aged and yearling sows that should attract buyers from all parts of the hog raising belt. We can recommend these sows to anyone looking for the right kind of useful stuff, being very growthy and richly bred. Remember the date, January 17th. Parties from a distance can reach the farm by going to either Ashland or Greenwood where free hotel accommodations and transportation to and from the farm can be had. Write for a catalog which is now ready and arrange to attend the sale. Mr. C. E. Olsen, of Colon, Neb., will sell the day following, and Mr. Jacob Wernsman, of Cedar Bluffs, on the 19th. Arrange to attend the circuit.

#### H. J. HESS, OF WATERLOO, IOWA, SELLS ABERDEEN ANGUS.

Pursuant to an announcement that will be found in another part of this paper. Mr. Harvey J. Hess, of Waterloo, Iowa, a well-known breeder of Aberdeen Angus cattle, will sell at the new pavilion in Waterloo, Iowa, forty-eight head of choicely-bred doddies, represented by the following families: Trojan Ericas, Prides, Blackbirds, Queen Mothers, Coquettes, etc. Mr. Hess has been a breeder of Aberdeen Angus cattle for a number of years and has been a conspicuous figure around the leading ring sides where choice Aberdeen Angus cattle were offered for sale, and has been a stubborn bidder for the best things that met his approval and for which he had a desire to own. The sale catalog of Mr. Hess is now out and shows a rich line of Aberdeen Angus blood. Few breeders of Aberdeen Angus cattle are in position to offer a better lot, except it be that they are making a dispersion sale. A goodly number of cows will sell with calves at foot. Mr. Hess makes a liberal guarantee on every animal sold to this extent, that every animal of breeding age is guaranteed a breeder, and if they should not prove to be, after six months' trial, they may be returned to him under certain conditions, but if such animals should prove barren, the purchase price will be refunded. A heifer of superior breeding will be noted in Lot 1 of the catalog, Ethel of Quietdale, by name; she was sired by Pabno and he by Baltimore of Gendale and he by Golden Abbott by Guinea. Ethel of Quietdale is out of Imp. Ellora 4th of Tullylany; she is a beautiful Pride-topped Trojan Erica and has coursing her veins the blood of some champion bulls at the Highland Society shows. Better Trojan Erica blood would be hard to find. Another splendid individual of the same family is Elba of Quietdale, sired by Ebony of Quietdale and out of the imported cow, Elapis. She represents the richest of the Erica blood and is individually as good as her rich breeding would indicate; in fact, Mr. Hess considers her one of the top notchers of his offering. One of the choicest-bred Blackbird heifers in the offering is Blackbird of Quietdale 3d. She was sired by Prince Eryn of Quietdale and out of Blackbird McHenry 8th; she by Heather Lad 4th. She is not only a typical doddie, but has the

appearance of making a great producing cow; her sire is a Pride-topped Trojan Erica bull, and her dam is a great show and dam of show animals that has gained for herself a reputation that might well be envied by any breeder of Aberdeen Angus cattle. The purchase of this beautiful heifer would afford some young breeder an opportunity to start a herd of Blackbirds on a foundation that would never need any apology. If indeed she can be surpassed, it would be by Blackbird of Quietdale 4th, sired by the same bull, and out of a half sister to Blackbird of Quietdale 3d. This is a low-down, thick-set, typical doddie, possessed of all the requirements necessary to make up the ideal Aberdeen Angus type, such as all breeders love to put in their herd. Her dam was sired by Imp. Progress, a Mulben Pride. She is considered the equal of any Blackbird that has ever entered the sale ring. A splendid Pride heifer is listed as Lot 8, Pride 3d of Quietdale. She was sired by Quibo of Cranewood and out of Imp. Pride 3d of Dargfield. This is also a Mulben Pride cow and her sire was cut of the famous show cow, Lucia Estel 2d, a show cow that stood without a peer in her day. She is a full sister to the \$3,050 bull, Gay Lad. This is an exceptional heifer and one considered good enough to have her picture taken for the catalog. A fitting companion to her is Pride 4th of Quietdale, sired by Blacklawn Lad and out of Pride of Cherokee, she being sired by Pride 11th of Braevail, her dam Pride of Dalmeny 6th out of Pride of Aberdeen 13th. The breeding from a Pride standpoint could scarcely be



GRAND LOOK 38305

The above is a correct photo of the great hog, Grand Look, owned jointly by H. C. Dawson & Sons, Endicott, Neb.; Wm. McKeever, Hubbell, Neb., and John Bakewell, of Endicott, Neb. He was first in class at Nebraska State Fair this fall and first and sweepstakes at Kansas State Fair and St. Joseph Interstate Fair. Several of the very best sows in the Dawson sale at Fairbury, Neb., January 12th, will be bred to this hog.

Improved upon and in individual merit she is par excellence. Another of the same family is Lot 19, Pride of Fashion 3d, sired by Imp. Baron Inca and out of Pride of Fashion by Imp. Postboy 5th. Her sire is unquestionably one of the best doddie bulls that has come to America in recent years; his sire was Prince Inca, champion of the Royal and Highland Shows of 1892. Prince Inca's dam was the renowned show cow, Pride of Inveresbie, also the dam of the noted bulls, Prince Inca, Prince Illad and Prince Ito. Baron Inca himself won ten first prizes, nine challenge cups and six Polled Cattle Society's champion gold medals before being imported into America. This is a splendid heifer and will be a very large cow; hence is not quite so close to the ground as the major portion of the offering. There will be about thirteen bulls in this sale, and the remainder cows and heifers suitable to be placed in any herds that wish aristocratic breeding. The particulars of this sale are set forth on page 33. Application for catalogs of this important sale should be made direct to Mr. H. J. Hess, of Waterloo, Iowa, mentioning The Homestead.

#### WHEELER'S DISPERSION SALE OF DUROCS.

On Wednesday, January 16, 1907, at the sale pavilion in Harlan, Iowa, the well-known breeder, Mr. W. W. Wheeler, will dispose of his entire herd of Duroc Jerseys at public auction. Mr. Wheeler regrets to part with his herd, but a pressure of other business compels him to do it at this time. No man has bought better than Mr. Will Wheeler, and in no herd in Iowa will be found a better line of fashionable Duroc Jersey blood. He will sell three sisters of the noted boar, Crimson Wonder, and one of these is a litter sister. He also sells a daughter of the great Orion in this sale and a daughter of old Duroc Challenger. There will be thirty-three gilts in the sale sired by Carmine Wonder, a half brother to Crimson Wonder, and also by Scarlet Wonder, a son of Pericles, and out of a full sister to

Crimson Wonder, and there will also be a number sired by Belle's Perfect King, a son of the noted sweepstakes sow, Nebraska Belle. These are all bred to a grandson of Ohio Chief and Improver 2d. In the sale will be an opportunity to secure the blood of the winners. Every Duroc that he has will be sold, and we know of no better time to secure some of the tops than he will offer on this occasion. When he laid the foundation for this herd it was the pleasure of a representative of this paper to be present on many an occasion when he bought, and we want to say that we never saw Mr. Wheeler buy a poor sow, but on the other hand always secured the very best sows to be sold. He was not only a painstaking and exacting buyer, but he always was after the good ones and never hesitated to pay his good money when he found what he wanted. The boars that have been used in the Wheeler herd have been the best that money could buy, and it is the get of many of these that he now offers in this dispersion sale. Many of these sows could not be bought were it not that Mr. Wheeler has decided to close out. Breeders and farmers get the benefit, therefore, and this will be one of the sales that it will pay the boys to attend. Write for his catalog and kindly mention this paper.

#### WINTER HOG TROUBLES.

Now that winter is on in full force, its effects are seen in the unhealthy hogs. The fall pigs that are wormy, or out of condition, are not growing. The older hogs are not getting ready for market as they would if they were clear of worms. In many

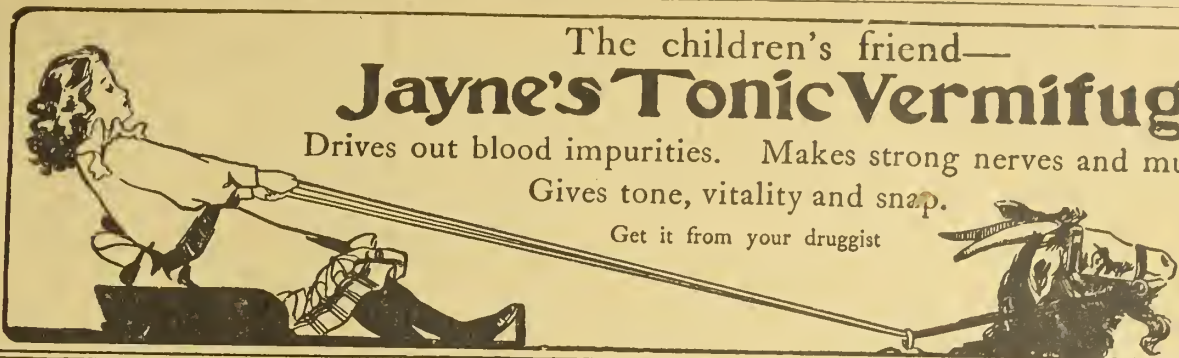
The children's friend—

## Jayne's Tonic Vermifuge

Drives out blood impurities. Makes strong nerves and muscles.

Gives tone, vitality and snap.

Get it from your druggist



### Free -- YOUR FORTUNE -- Free

SEND two cent stamp with birth date and I will send your fortune, past, present and future. All matters of business, love, marriage and health plainly told. Prof. Earl Nugent, 1016 R, Walnut Street, Kansas City, Missouri.

### WANTED

Men to travel, deliver samples and advertise our goods. Expenses advanced. Beezley Co., Dept. 3, Monon Block, Chicago.

which will suit the most discriminating breeder. It is only in dispersion sales that the public is given an opportunity to secure an animal of such merit as Buddy K. IV., and they should not be slow to grasp the opportunity given in this noted dispersion sale. Twenty-two tried brood sows from one to three years old, five of which are sired by Buddy K. IV.; seventeen bred to Buddy K. IV., and four yearling sows by this noted sire, together with twenty spring gilts by him, make up part of the offering. Ten yearlings by such noted boars as Tip Top Notcher, Proud Advance, Hanley, Gold Cloud, Major Jr. and other sires of equal merit will please breeders present sale day. Many of these are bred to Buddy K. IV. In our next issue we will have more to say regarding this offering, but would advise our readers to write at once for illustrated catalog, kindly mentioning this paper.

#### McGAVOCK'S SHORT-HORN SALE AT SOUTH OMAHA.

On the first day of the great three days' auction to be held under the management of Mr. W. C. McGavock, of Springfield, Ill., at South Omaha, January 17th, 18th and 19th, Short-horns will be sold. Mr. McGavock characterizes this as the best all-round offering of Short-horns that he has ever cataloged, and this is indeed high praise. Many western breeders who have attended his auctions can testify as to the superiority of the cattle composing many of these events. The largest consignors to the auction are Messrs. Hadley & Leach, Cedar Rapids, Neb., and it would indeed be difficult to find a grander string of thick-fleshed cows of grand scale and conformation than these gentlemen will present on this occasion. The bull, Prosperity, a high-class show animal, and both his bulls and heifers in the sale will show that he is also a getter of show stock. Rarely has such an offering of cattle been made from any herd. It is not only good individually, but the cows demonstrate by their produce in the auction that they are absolutely good breeders. In a future issue, notes concerning the blood lines of these cattle will be given. S. E. Prather Company, Sherman, Ill., are consigning to the auction a half dozen high-class young cows and heifers, two of which are of the Cruickshank Secret family and absolutely straight Scotch. Several high-class stock bulls are cataloged and further particulars will be given later. One of the best sires imported within recent years, we hear, will be cataloged and breeders and farmers generally are asked to attend this sale and see one of the most magnificent collection of Short-horns ever assembled for a public auction. Catalog can be obtained by addressing W. C. McGavock, Sale Manager, Springfield, Ill.

#### DAWSONS SELL PRIZE-WINNING POLAND CHINAS JANUARY 12TH

On January 12th Messrs. H. C. Dawson & Sons, of Endicott, Neb., will offer a very choice lot of bred sows at public auction, sale to be held in Fairbury, Neb. This we consider an offering that any man would be proud to run through a sale ring. They are what Messrs. Dawson & Sons consider the very best offering they have ever put before the public, being mostly of the blood of old Expansion, the sire of more of the large type of Poland Chinas than any hog living. That it is possible for a breeder to produce such an offering is because he has used breeding stock of the right type and noted for its size and quality. Any man who desires to trace through the catalog of Messrs. Dawson & Sons will find that the sires and dams of his herd boars, as well as his old tried brood sows have been great breeding animals, producing some of the greatest prize-winning animals known to the breed. It is with these great sires and dams and the use of proper judgment in mating this great breed of hogs that Messrs. Dawson have been able to breed this great herd of Poland Chinas to its present standard of excellency. The offering will consist of most of their show herd which won many of the ribbons at the leading shows last fall. These great sows will be bred to such boars as Grand Look, the first-prize hog over twelve months at the Nebraska State Fair this fall, also winning first and sweepstakes at the Kansas State Fair and St. Joseph Interstate Fair. There will be quite a number bred to old Expansion. Every sow to be sold in this sale is a good one and their produce is what will be called next year the Expansion-Grand Look cross, so send for a catalog and arrange to attend the sale. Fairbury is a good railroad point and can be easily reached from any direction and parties attending the sale will be able to find trains to most any point after the sale. In writing for catalog please mention The Homestead.

#### PILES CURED IN 6 TO 14 DAYS.

PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

We wish to call the attention of our readers to the dispersion sale of the Pawnee herd of Duroc Jerseys owned by Mr. Ed A. Baxter, of Pawnee, Ill., which occurs on Wednesday, February 6th. The writer representing this paper has inspected the offering and is pleased to recommend it to our readers as one of the best to go under the hammer this year. This is positively a closing out sale. Mr. Baxter has fully made up his mind to close out his entire herd. Buddy K. IV., champion at Illinois State Fair and one of the best breeding boars ever produced, sells at the high dollar. Mr. Baxter will place no reserve bid of any kind upon this noted sire and the breeders in search of a prize winner and breeder of good stock will find in Buddy K. IV. the boar



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HELP WANTED

We want help in every neighborhood in the United States to do some writing at home, which any person can do during spare time, and we will pay cash for it. We supply an OFFICE OUTFIT for you to have in your home to work with, which includes this handsome

WRITING DESK, just what you want to keep the work in.

You can earn a few dollars or a lot of money, according to the time you devote; any person can do it, no matter where located, and it is very interesting work. If you can do a little writing for us, send your address on postal for full particulars and see how profitable it is. Do it now before someone else gets the position in your locality. Address,

F. B. Mills Co., Seedmen, Rose Hill, N. Y.

Let Us Help You

Let us help you make your planting a success. Our seed experience of over fifty years enables us to give you expert advice on the raising of various vegetables. This you will find scattered throughout our catalog. You need good seed to start with. We raise and sell only that kind, and guarantee all we sell to be fresh and reliable.

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Marblehead, Mass.

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FOR 1907

\$50 FOR AN EAR OF CORN

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A Package of Seed of the World's Largest Tomato, (Weight, 7 1/2 lbs.) Also our Big 1907 Garden Annual, describing and illustrating everything for the Field, Garden and Lawn, is mailed FREE to any address for the asking. Write today. A postal will do.

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Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

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NEW CROP IOWA GROWN RECLEANED AND TESTED

Medium, Red Mammoth and Alsike Clover, also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large illustrated catalogs of all kinds of farm and garden seeds. Mention this paper.

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SEEDS THAT GROW

Best quality Garden, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes. We will send free with catalogue a pkt. of new lettuce seed "May King" the best head lettuce ever introduced.

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GERMAN NURSERIES, BEATRICE, NEBRASKA.

Box 12,

HEALTHY TREES

HONEST IN QUALITY WE PAY FREIGHT

Grafted apple 4c, budded peach 4c, budded cherry 15c. Concord grapes \$2 per 100. Black Locust \$1 per 1000. Complete colored cat. free. Galbreath Nurseries, Box 82, Fairbury, Neb.

HORTICULTURAL TOPICS

NOTES FROM THE HORTICULTURAL MEETINGS.

The horticultural societies in a great many states are devoting a large portion of the time at their annual meetings to discussions upon the San Jose scale. Iowans may well be thankful that that pest has not yet invaded their state. Prevention should be the slogan and quarantine and inspection laws should be made very strict and rigidly enforced.

Spraying has come in for its share of discussion. The consensus of opinion seems to be that the dust spray is unsatisfactory and its use not to be commended. Reports from various experiments are to the effect that it pays to spray winter varieties of apples about August 1st for the late brood of codling moth. The late brood is responsible for all the wormy apples, as those that are affected by the early brood fall in early summer. The second brood is the offspring of the first and as complete destruction of the early brood is never possible, those which survive the crusade of poison have sufficient progeny to accomplish much havoc. The date of appearance of the second brood is somewhat irregular and covers a much longer time than that of the first brood. But spraying with an arsenate between July 25th and 27th and August 3d and 6th has proven most satisfactory.

But the questions of storage, marketing, commission rates and freight rates were a predominating feature in nearly every meeting, showing that horticulturists feel competent to produce fruit of good quality and are now chiefly concerned with the problems of turning it into cash. Many complaints were made that at the time when the fruits had to be harvested, particularly apples, the price was very low. There was no alternative but to leave the fruit upon the tree. As a consequence someone who is undeserving is now reaping an enormous profit from the great apple crop, while the man who produced the apples is debating whether or not to cut down his trees and devote the ground to corn.

In this connection it is pleasing to note that a company is being formed to install a \$50,000 cold storage plant at Council Bluffs. This is in the heart of a great fruit country comprising southwest Iowa, northwest Missouri and eastern Nebraska. It is only a short distance from "Queen Mills." Iowa's banner apple county. This venture and others similar to it, if properly conducted, and particularly if put upon a co-operative plan, we predict will be of more benefit to apple growers than anything of recent years.

Berries for the Farmer.

To the Editor of The Homestead:

During the winter every farmer who owns his home should plan to set out a berry patch in the spring. Many seem to think that berries entail too much labor for the average farmer, but this is a great mistake. Some work, of course, is involved, but it is light and quickly accomplished and most of it can be done at odd times that would otherwise be wasted. If a trial is made, I predict that after one or two crops, there will be only one sentiment in the family as to the profit and pleasure afforded by the berry garden. No one who has not raised berries can imagine their fruitfulness under good treatment.

A plat alongside of the garden and protected from stock and poultry, is a convenient location. A rich soil—the richer one better—is essential to large crops and plump, juicy berries. Plant black and red raspberries, early and late blackberries, gooseberries and strawberries. For varieties I should recommend Kansas and Cumberland for blackcaps, and King and Loudon for red raspberries. Early Harvest and Snyder for medium and Taylor's Prolifer for late for a succession of blackberries. Houghton and Downing for gooseberries, and Michel's Early, Dunlap and Aroma to cover the strawberry season. The varieties mentioned are all bi-sexual and

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But we also make many other Hand-Tools of valuable special-purpose features which are not generally known.

Moreover, farmers and gardeners need them and are anxious to have them, when their time, labor and money saving advantages are known and appreciated.

For that reason we adopted advertising to tell you about our hundreds of Farm and Garden Hand-Tools.

But first the combined knowledge and skill of all our manufacturers were called into council, and the best process for making each kind of tool was formulated and adopted. In fitting testimony of

the high quality represented by this standard process, it was named "True Temper."

All tools must pass tests and inspections, and only those which prove true in quality, construction, "hang" and temper are labeled "True Temper."

That is why "you know a tool is just right when it is "True Temper."

Every farmer and gardener knows the importance of the "hang" of a Hand-Tool. If it is correct, the tool helps in the work. If it is awkward, the tool hinders. "True Temper" tools are the kind that help.

"True Temper" tools also have those rare qualities of toughness and elasticity of temper which are so much sought after by makers and users of tools.

The line includes Forks, Hoes, Rakes, Hooks, Weeders, Cultivators, Beet Tools, Floral Tools—every desirable pattern of Hand-Tools.

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American Fork & Hoe Company,

135 American Trust Bldg. CLEVELAND, OHIO

SEED CORN SOLD ON APPROVAL

Test it any way you please for ten days. If not perfectly satisfactory, return at our expense and money will be refunded. Best and largest yielding varieties: Sutton's Improved Boone Co. White; Sutton's Favorite White; Reid's Yellow Dent; Gold Standard Learning and Premium Yellow Dent. All corn carefully selected, placed in our mammoth dry house and perfectly dried with steam pipes and air shafts. From 600 acres we selected 8000 bushels of fine seed ears. When sold we quit, so order now. We handle no outside corn. Shipped in the ear (Bushel box crates) or shelled. All shelled corn rubbed at both ends and graded. The highest germinating power, and stands cold spring rains better than common corn. Letters from Iowa, Missouri, Ohio and Illinois this year, state that our corn out-yielded all other, making from 85 to 125 bushels per acre. Send for catalog and read these letters signed by the parties raising the corn. The actual test is what talks. My seed corn may double your yield. Write for illustrated Seed Corn Book and samples. Free. Address My ad will appear every other week. C. D. SUTTON, Dept. D., Mason City, Ill.

no attention need be paid to the order of the rows.

All the above kinds of berries should be planted just as early in the spring as the ground will permit. An hundred plants each of raspberries and blackberries and two dozen gooseberries, and an hundred each of the three varieties of strawberries will afford a family supply. Learn how to prune—the shrub fruits and hoe and cultivate them enough to keep down weeds and grass. Strawberries for the farm I will deal with at some future time.

L. R. Johnson. Missouri.

The Pure Food Law.

To the Editor of The Homestead:

The effect of the pure food law will be greater upon fruit growing than upon perhaps any other industry. In times gone by a very small percentage of the fruit preparations upon the market would have passed inspection and such goods will not be saleable under the new order of things. The result will be that many concerns will be obliged to go out of business or get inside the law. Many will do the former.

In the meantime the manufacture of prepared food products from pure fruits will undoubtedly take a great boom. In times past it was simply impossible to put up any product containing nothing but pure fruit and cane sugar and sell it in competition with the common brands upon the market. Little wonder this when the nature of the ingredients of the compounds are inquired into.

Samples of strawberry jam were found to be absolutely innocent of strawberries. The seeds were there, 'tis true, but they were clover seeds; the sweetening was glucose, the color aniline dye (a coal tar product) and the flavor had been manufactured in a chemistry shop. Other instances are as flagrant. Ap-

SPRAYING FRUIT TREES

is no longer an experiment, but a necessity. Prevents wormy fruit by destroying all insect pests and fungus diseases. Every farmer, gardener, fruit or flower grower should write for my free catalogue, describing 21 styles of Spraying Outlets, and containing a full treatise on spraying fruit and vegetable crops, and much valuable information.

WM. STAHL SPRAYER CO., Box 103 L, Quincy, Ill.

ple butter was found to be pumpkin butter colored and flavored in the same manner as the strawberry jam. A fine rosy red cherry which the soda fountain man put upon the "sundae" was dropped in water. The water immediately turned red and a woolen stocking which was dipped in it colored as quickly as any dye could color it, and as permanently. More water was added and the operation continued over and over again, and in the end, behold, the cherry was green.

Jellies were found to be made of gelatin, not fruit juice, and colored and flavored to imitate the real. Canned fruits were wholly composed of either green or decaying specimens and the process of decay held in check by acids and preservatives.

Yet all these rank outrages were foisted upon the public under a stock label which guaranteed them "Absolutely Pure." And if anyone attempted to put up an honest article and sell it at a reasonable price, he was promptly branded as a cheat.

These facts have been known to those who cared to investigate for a number of years. They have been preached



from the housetops with but little result. At last after most strenuous efforts we have both state and national pure food laws. The former apply only to local business (inside the state), while the national law applies only to articles which are to be sent outside the state in which they are manufactured. Between the two the citizen of any state which has an adequate pure food law have ample protection against adulterated foods.

From humanitarian motives everyone should do his part to see that these laws are enforced. But the horticulturist is interested from a standpoint of dollars and cents, for their enforcement means to him a market for all that can possibly be produced in his industry.

Franklin Brown.

Polk county, Iowa.

#### Cow Peas as a Hay Crop.

To the Editor of The Homestead:

The last of June we went into our wheat stubble with a riding lister having an eight-hole plate in the hopper which allowed four peas through at a time. We decided that this planted too many peas so we put lead rings in each hole of the plate in order that only two peas could be dropped at a time. After the peas were up we harrowed them and cultivated them once.

The peas were ready to harvest the latter part of August and then we began to reap the harvest of our mistakes. In the first place, the rows in which we planted four peas to the hill had three times as many vines, leaves and pods to the row as the rows that we planted two peas to the hill. In the second place, we had failed to cultivate enough to smooth down the ridges and when we mowed the peas we left about a fourth, which we couldn't cut because of the peas being down in the furrow. We used a bull rake and cable stacker to put up the peas, and in spite of mistakes, lack of knowledge on the subject, etc., we harvested one hundred tons from about forty-five acres.

And now comes the most wonderful part: We find those cow peas are a balanced ration that beats everything else about twenty miles, giving everything else twenty miles the start. Did you ever see anything that would make hogs leave corn, ground feed, cooked feed, milk, in fact, everything that tickles a hog's palate? Cow peas will do it. A hog will leave everything for cow peas, never gets tired of them and will fatten just twice as fast. It is also true with cattle, horses, sheep and chickens.

If you happen to have an old brindle cow, of no particular breed, and you want Jersey milk, just feed her cow peas and you will have equal to that of

a Jersey cow. If you want your hen to lay two eggs a day, feed her cow peas and she will come nearer to it than on any other feed. Give cow peas half a chance and they will double your profits. Plant them early, cultivate them two or three times, harvest them before frost, and you have a feed that has cost less and is worth more than any other feed or combination of feeds, and at the same time you have been building up your soil. Walter Phelps.

Oklahoma.

Every shipper to the Kansas City live stock market has reason to feel a personal pride in the showing made by that market during the year just closed, for he has contributed toward the most complete job of record breaking ever done by any live stock market. Other markets break records now and then, but Kansas City the past year has smashed them by wholesale. Not only were the receipts of all kinds of live stock greater than in 1905, but receipts of cattle, of calves and of sheep were the largest in the history of the market, and the aggregate of all kinds of live stock received was greater than that of 1901, the drought year when so many cattle and hogs were forced upon the market for lack of feed.

Receipts for 1906 were, in round numbers, as follows: Cattle, 2,300,000, calves 260,500, hogs 2,680,000, sheep 1,609,000, horses and mules 69,500. Compared with 1905, these receipts show a gain of approximately 119,500 cattle, 28,400 calves, 172,500 hogs, 290,000 sheep and 4,000 horses and mules. The total number of cars of live stock received was approximately 138,900, a gain of nearly 10,000 over 1905, and of nearly 4,000 over 1901, the previous record year. These gains do not represent simply Kansas City's share of an increased supply of live stock. The receipts at the five leading Western markets combined show an increase of something like 135,000 cattle and 315,000 sheep for the year, but little more than Kansas City's gain alone. Some of the markets show material losses. While Kansas City shows an increase of upwards of 170,000 hogs, the five leading markets combined show a loss of about 250,000. These figures show that Kansas City has made a much larger proportionate gain in cattle and sheep receipts than the other western markets, and that during the past year it has led all the markets in popularity among the hog shippers. This, too, in spite of the fact that there is a considerable shortage in the hog supply in the Southwest. The increased demand from the Kansas City packers for hogs maintained prices at Kansas City on a higher level than at the other Missouri river markets, and materially narrowed the margin between Kansas City and eastern markets. The activity of the packers has been responsible for the gain in cattle and sheep receipts, also. A larger percentage of the receipts of these have been slaughtered at Kansas City this year than ever before. While

## A PRESENT FOR YOU

A Beautiful Life Size Portrait Free to Readers of This Paper

Every reader of this paper can secure one of the most beautiful life size (16x20 in.) bromide portraits made from their own small photo and valued at \$10.00, absolutely free. The St. Louis Seed Co., of 617-619 N. Fourth St., St. Louis, Mo., are making this exceptional offer. Never before has such a bona fide announcement been made by any other reliable firm. Below we illustrate a reduced fac-simile of this beautiful gift:



You are not required to pay one cent for the enlarged portrait, neither do any work for it, as it is sent to you with their compliments absolutely free; the only restriction being is that your small photo must be sent for enlargement with your order for seeds. This season their big, handsome 112-page catalogue is full of new offerings, including their wonderful new corn, "Nichols Yellow Queen," with a record of 383 bushels per acre. Their famous new "White Comet Oats," which they offer \$100.00 in gold for the largest acre yield in 1907; "Nichols Wall Street Favorite Wheat" and many other farm offerings that cannot be found elsewhere, as well as a variety of new vegetable introductions that are phenomenal. Their new "Early Dix" potato having attained the remarkable yield of over 1,000 bushels per acre.

It will pay you to write for their big catalogue today, mention this paper and they will send you a packet of their famous New Wonder Magnus Tomato seed absolutely free. Last season this tomato grew to the enormous weight of 7 1/2 lbs. Write them today. Address them as above.

## A HOME ORCHARD FREIGHT PREPAID

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To any point in Iowa, Illinois, Nebraska, Kansas, Missouri, Oklahoma and South Dakota.

#### 6 APPLES

- 1 Duchess
- 1 Wealthy
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#### SIX SHADE TREES FOR PREMIUM

- 2 Soft Maples
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of the Burpee-Quality cost but little more than the usual kind, but are worth much more! To convince you that this is true, let us have a talk together. We have spent months of labor and thousands of dollars on

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It is a Book of 200 pages with new half-tone illustrations from photographs. Shall we mail you a copy? It will cost you nothing, if you will kindly give a fair hearing to our claims for your patronage. Write TO-DAY!

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## A SWEET CHESTNUT TREE



To get this valuable "Blizzard Belt" Chestnut quickly introduced and at same time gain new friends, we offer to send a Hardy Sweet Chestnut tree 1 year old, entirely Free to a limited number of property owners not already our customers. Mailing expense 5cts which send or not as you please. A postal will bring the tree. Our Catalog containing 64 colored plates of our "Blizzard Belt" Fruits, Ornaments, Evergreens, etc., and a mine of valuable information for fruit-growers is free. Write today.

The Gardner Nursery Company, Box 703, Osage, Iowa.

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Tells you all about our Farm Seeds from A to Z and it will be sent to any address FREE

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SHEANDOAH, IOWA

## GRAIN FREEMAN BROS. & CO., HAY

COMMISSION MERCHANTS, Established 1886, 66 Board of Trade, Chicago. Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

there has been a slight decrease in the number of stockers and feeders sent to some sections on account of local crop conditions, the increased supply of cattle has been readily absorbed by the packing houses.

Improved train service and better facilities for handling live stock in the yards at Kansas City have contributed materially toward the splendid record made the past year. The Kansas City Stock Yards Company during 1906 expended a quarter of a million in enlarging and improving its facilities. The result has been that at no time during the year, not even when the runs were the heaviest, has there been any serious congestion in the yards. Other improvements are under way and still others have been planned with a view to keeping the yard facilities in advance of the increasing receipts. At its present rate of growth the Kansas City market will in a short time, lead the world in live stock receipts.

#### THE HOME BEAUTIFUL.

There is an increased interest of late in the laying out and arrangement of the home lawn, the garden and the orchard. Most everyone has set up an ideal of his home as he would wish to have it, and yet everyone has not the ability to lay out the plans properly, to select the proper trees, shrubs and plants, to make his home show up to the best advantage. Hence it is desirable to put such work as this into experienced hands. There are but few men who have made a life study of this work. Perhaps there is no one of the Iowa horticulturists that is more familiar to the reading classes of the farmers and fruit growers of Iowa than Mr. M. J. Wragg. His advertisement appears in this issue and we take pleasure in calling our readers attention to it. We have known Mr. Wragg for many years as a conscientious, scientific, far-seeing man in his profession. He has made a life study of his work, educating himself in particular branches that go to make up a thorough and practical horticulturist. His work down here in our own community is his test praise and we want to recommend him to our readers as perfectly reliable. Mr. Wragg gives the subject of landscape gardening his personal attention. He is business manager of the firm of M. J. Wragg Nursery Company, of Des Moines. We are confident that those who patronize his firm will be more than satisfied with the results. This firm has lately issued a special price list, and a beautifully illustrated work on land-



## FREE A Nursery Book

Fully worth \$1.00 to any tree planter. It will give you the real facts about the care of trees. Has over 100 beautiful illustrations mostly from photos. We positively carry the most complete line of nursery stock in the West; only the hardest varieties of Trees, Shrubs, Vines, Roses, Paeonies, Perennials, Seedlings and Evergreens. You should have this book. It will help you make more money. It is free. Write for it before tomorrow.

Sloux City Seed and Nursery Co.

2113 Clark St.

Sloux City, Iowa

## YOU NEED SEED WHY NOT GET THE BEST?

Send for our 1907, 96-page illustrated catalog full of valuable information about Grass Seed, Vegetables and Flowers.

A. A. BERRY SEED CO., Box BW, - Clarinda, Iowa.

scape gardening, showing the best fruits, shrubs and flowers for our state, and we hope that our readers will take advantage of their liberal offer to send one free if you mention this paper. Address M. J. Wragg Nursery Company, 330 Good Block, Des Moines, Iowa.

#### HAVE YOU CATARRH?

If you are discouraged over money spent without any benefit to you, write Dr. T. F. Williams, of Des Moines, Iowa. The reader will find his announcement on page 8 and if you will use the coupon found beneath the advertisement the doctor will send you one month's treatment free of charge. Why? To convince you that he has faith in his own treatment. So confident is he that you will receive prompt benefits and continue the treatment until the cure is complete that he has no hesitancy in making this exceptional offer. Write for his book and symptom blanks which will be mailed free of charge.

**FERRY'S SEEDS**

have stood the test for over 50 years, and are still in the lead. Their absolute certainty of growth, their uncommonly large yields of delicious vegetables and beautiful flowers, make them the most reliable and the most popular everywhere. Sold by all dealers. 1907 Seed Annual free on request.

D. M. FERRY & CO.,  
Detroit, Mich.

**SURE GROW SEEDS**

The best in the world. A lot of free seeds with every order. The biggest and best seed book ever issued. A postal will bring it.

**RATEKIN'S SEED HOUSE,**  
Shenandoah, Iowa.  
largest Seed Corn growers in the world

**WRAGG TREES**

WE PAY FREIGHT.

SELL direct, guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

**M. J. WRAGG NURSERY CO.,**  
330 GOOD BLOCK, DES MOINES, IA.

**SALESMEN** WANTED to introduce Burbank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

**CLOVER** Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.



DAY BY DAY

Agricola

Social conditions and political conditions are so strangely intermixed that we often mistake the controlling factors—confuse cause with coincidence. When Agricola was a boy it was believed that potatoes must be planted "in the dark of the moon," and the moon and the signs of the zodiac were studied to the verge of fanaticism.

Now taking it for granted in this year of grace 1907 that there is nothing whatever in this planting-in-the-moon business, how can we reconcile it with the proofs—if they were proofs—that the "moon farmers" had better crops, better calves and pigs, etc., than their skeptical neighbors who paid no attention to the moon theory?

This is the way Agricola accounts for it. The moon farmers took pains, they were alert, they were industrious, they had more interest in their work than the heedless farmers who watched neither signs in the starry heavens above or in the earth below. Where the heart is there will be the treasure be also. They put their heart into their work. A poor method well followed is better than no method.

As a barefoot boy I used to listen with sad feelings to the song beginning, "Give me three grains of corn, mother, Only three grains of corn." It referred to the famine in Ireland then throwing a pall over the land, and the suffering and starvation resulting. To relieve this condition and give the suffering inhabitants food at less cost the "Corn Laws" were repealed, and free trade became the fixed policy of Great Britain. It continues to this day. And to recoup for the loss of revenues an income tax law was enacted, and that continues to this day. Now some of our own statesmen urge the income tax for Uncle Sam. But we have not the famine to drive us to it. Our conditions are dissimilar.

Farmers' institutes are growing in favor and public usefulness in this part of the state. The Agricultural College Extension idea is an excellent one, as it gives the farmers a chance to hear some of the best lecturers and teachers connected with the college, and those best suited to the particular localities. Tile drainage where it is a live topic, and the same with dairying, pig feeding, horsebreeding, and so on through the entire list of agricultural subjects.

Horace Greeley, the quaint philosopher, week in and week out fought these superstitions and made many converts, but there were still whole communities wherein moon theories were tenaciously held.

The professor of domestic economy also takes the field this winter, and explains the kind of food needed by the family, and how to get it and prepare

A Common-Sense Talk On

Manure Spreaders

THERE'S no doubt that the right kind of manure spreader is a good thing for you to have. It is probably true that there is no other farm machine that, if rightly chosen, is as valuable to the farmer. If manure is spread properly and at the right time, its money value far exceeds what you're apt to think.

But when you buy a manure spreader have a care. There are many of them on the market, and many with various "special features"—fancy affairs that do them more harm than good.

When you buy a spreader look out for these things—and avoid them. What is chiefly to be desired is strength and simplicity of construction.

Strength is essential because a manure spreader has to carry a heavy load and the rear end—the machine end—has hard work to do.

Simplicity of construction lessens the chance of the machine getting out of order and gives light draft. You know there are a good many manure spreaders that don't get out of the shed after the first year. They make too much trouble and cause too much delay.

I. H. C. Corn King and Cloverleaf Spreaders

are strong and simple. The frame is carefully selected, well-seasoned lumber, and is strengthened by heavy cross sills and truss rods. They have steel wheels with staggered spokes, and both hind wheels have clutches. The box is made of selected stock and is securely fastened to the frame by heavy steel cleats. Corners are re-enforced with steel plates. Everything is of the very best.

Both of the rear wheels are drivers, and insure plenty of power. A large sprocket with heavy chain drive transmits the power to the cylinder. The cylinder is large and strong, and the square teeth (extra long) are made of the best high carbon steel.

The power for driving the apron is applied on both sides, giving an even movement and making binding impossible. The rollers are attached to the under side of the slats instead of to the frame.

The vibrating rake is a most important feature, and is found only on Corn King and Cloverleaf spreaders. It levels the load and brings the manure squarely up to the cylinder—a thing which is absolutely essential to



INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U. S. A.

(INCORPORATED)

it for its most efficient use. Agricola bespeaks for her a kind and fraternal reception wherever she goes.

Mulching young orchard trees has its benefits and its dangers. It is what the trees like, and what the enemies of the trees like. The field mice find the mulch a congenial harbor, and they find the bark of the trees acceptable food. The mulch should not be close to the tree, and a wire screen around the trunk is a good safeguard against mice and rabbits.

By the way, tramping the snow very firm around the body of trees turns the mice around that spot in their sub-snow travels in search of food. Nursery stock is generally protected by making a mound of solid earth around the trees late in the fall. This mound turns the mice aside in their explorations.

The farm institutes in this part of the state not only have corn lectures and corn scoring, but they will this winter have hog scoring as one of the exercises. An expert will score and explain. In some cases the hogs will be in a "show" near by, and in other cases a pig as near to the accepted type as possible to find will be tamed and scored on the stage before the audience, and the scorer catechised.

Rural schoolmams are scarce and the market is getting active and the price some higher. Never was good money better expended than when invested in the loving services of a sweet tempered, pleasant mannered, tactful rural teacher.

One of the gratifying signs this winter is the extent to which farm homes

are supplied with good and useful reading matter. There are many good agricultural papers, and many good magazines, and that these are so generously supported notwithstanding the flood of muck rake bidders for patronage is a sign of good mental and moral health.

A bushel of corn fed now to good shoats brings 50 per cent, or better, more than the corn will sell for in market. And yet we farmers frown at too big margins when the middleman makes them.

This is the time of year for debating societies, lecture courses, box socials and all kinds of talkfests to have their annual innings.

Home grown ham and home laid eggs make a dandy breakfast food, Battle Creek to the contrary notwithstanding. But it needs a well ventilated house and common sense toilet arrangements to make such a diet a steady comfort.

Onion eating makes the breath rank, and again it sweetens it. While the onion is doing its work it is offensive, but the results are pleasant.

Equality before the law means, not that all men stand on the same level through life, but that each have the chance to find his own level.

The national conscience is awake now—acutely so. So long as the world applauds nobleness the mass of its inhabitants will not go to the demnition bow-wow head foremost.

The saw filer has his place, but he who saws wood and keeps mum is in the class more generally referred to as "our best citizens."

How are your children progressing in school? They have a sacred right to robust bodies even if they have to keep them at the foot of the class to have them robust.

The man with a sore head thinks the public conscience is badly disordered.

Uncle Sam raises some forty-seven million hogs, quadruped kind, a year, and the Hawkeye state pockets the money from one-seventh of the whole.

Last winter a bill was introduced in the Iowa legislature authorizing physicians to mercifully end the life of hopeless incurables. If it comes up again why not make it a legalizing act to cover mistakes in diagnosis and treatment? Seriously, doctoring and farming have had too much of the blind interpretation of misunderstood symptoms and mysterious laws, natural and divine. But are not all natural laws divine laws, for that matter?

Buy remedies by wholesale and buy the right kind. A barrel of apples is one of the best remedies, good to take before, during and after each meal.

Is there in your home a woman who once said "yes" and has since questioned her own wisdom? Give her another

proper spreading. The teeth on the vibrating rake are held in place by coiled steel springs so they never break but adjust themselves to the size of the load.

And as a result of simple construction, the operation is simple. Any one who can drive a wagon can operate an I. H. C. spreader, for one lever does it all. There are ten feeds, ranging from ten to thirty loads per acre. The apron stops of its own accord when the load is all fed out. By reversing the lever it returns and again stops when back in position. No need to watch it at all.

These are some of the reasons why you should investigate I. H. C. Corn King and Cloverleaf spreaders before you buy. There are many other good points about them that are explained in our catalogues. There are two kinds—Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each made in three sizes.

Call on the Local Agent or write for catalogue.

SHEEP.

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewes. Also 150 beautiful yearling ewes bred to 285 to 305 lbs, champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred, also Feb. ram lambs. Wish to make room for new importation.

D. M. NORTON, Sanborn, Iowa.

SHEEP.

20 REGISTERED Shropshire ewes, \$20 to \$25 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Aulita, Iowa.

trial. Ask her what trees, shrubs and ornamental plants the homestead needs. She may give the right answer this time.

A WAGON EVERY SIX MINUTES.

The Moline Wagon Company, the largest exclusive wagon factory in America, has a record.

At Moline, Ill., the Moline Wagon Company turn out a completed high-grade Iron Clad Wagon every six minutes, and yet every wagon has been in the process of making from six to eight years.

This is a remarkable statement, but it is absolutely true, because the lumber used in the Moline Wagon—that is, best white oak and toughest hickory—which is used, is in the air-seasoning process several years. Every step in the immense factory is slow by reason of the great amount of adjusting and hand work required, but there are so many wagons going through the various processes at the same time that, as stated, a complete wagon is ready for shipment every six minutes.

To properly appreciate the importance of a wagon and every part of it, our readers should secure the book just issued by the Moline Wagon Company, explaining the various processes of handling the lumber, the materials and the factory work. By reason of the fact that the book is written by the master mechanic of the factory, it is an education in wagon construction and shows how to tell the difference between a thoroughly good wagon and a good-looking but thoroughly poor wagon.

There is a reason for the company making the Iron Clad Wagon with the iron-clad guarantee selling more wagons than any concern in the country manufacturing anything like equal quality. The book tells the reason and affords much interesting reading as well. Write for it today, and mention The Homestead.

THE A. A. BERRY SEED CATALOG.

The 1907 catalog of the A. A. Berry Seed Company, of Clarinda, Iowa, is now being distributed. This is a company that has enjoyed a substantial growth since its establishment, and we have no hesitancy in recommending it to all persons who have to purchase seed during the coming months. Clarinda is located in the heart of one of the best corn sections in the world and for that reason the A. A. Berry Seed Company is able to give its customers special bargains in something good along the line of corn. We do not have the time nor the space to tell the whole story, but the catalog referred to will do this and it will be sent free upon application. Address A. A. Berry Seed Company, Box BW, Clarinda, Iowa, and please mention this paper when writing.

Bushnell

A Tank It Pays to Buy

Don't confound the "Bushnell Pump Co.'s" tank with other tanks. The Bushnell is in a class by itself. Here are some of the reasons:

Big, thick staves that are made to fit from edge to edge all the way down. Machinery makes every joint perfect. Lumber especially selected for tank purposes, not cast-off pieces from furniture and other factories. Every Bushnell tank tongued and grooved. We're ready with the machinery to do it right. Other tank builders do it just occasionally "to meet Bushnell Pump Co. competition" doing it then as best they can. Strong, heavy steel hoops. We give them to you round or flat. Adjustable patent draw lugs; look at the picture and you'll see what we mean. You can always keep your tank hooped up snug and tight. Galvanized hoops when wanted. Tank lasts a lifetime.

We can give you any size you want—2 to 16 feet high, 4 to 16 feet in diameter. Capacity from 5 to 760 barrels.

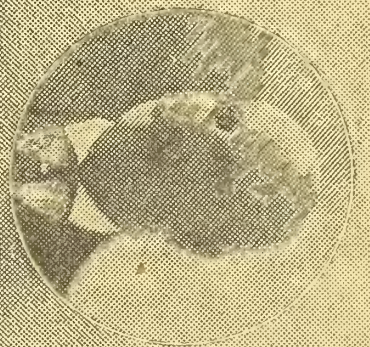
Don't forget the long line of Bushnell Wood and Iron Pumps, Steel Tanks, Iron Pipe Fittings and general line of Steam and Well Supplies. Write for descriptive matter. If your dealer does not have our goods in stock, send us his name and address.

THE BUSHNELL PUMP COMPANY, Dept. C, Bushnell, Ill.



LARGEST PAIR OF STALLIONS IN THE U.S. WT 5060.

FRANK IAMS  
"TOPNOTCHERS."



Frank Iams' "top notchers" are the largest pair of four-year-old stallions in United States, weight 5,060 pounds. They are "kings." All the "Iowa boys" took off their hats to them. They are a "pair of peaches" worth going 2,000 miles to see. These "blackboys" won first prize and sweepstakes prizes in the Percheron and Belgian classes at Nebraska State Fair, 1906, and the Percheron stallion defeated the "champion prizewinner," Bibi, of France, at Iowa State Fair, 1906.

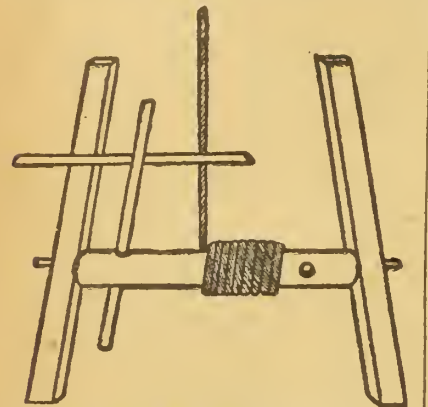
IMPORTED AND OWNED BY FRANK IAMS, ST. PAUL, NEBRASKA.

He buys, owns and sells more first-class stallions than any man in United States. He sells diamonds of this quality at \$1,000 and \$1,500. He has 160 "top notchers" that must be sold. Send for greatest horse catalog on earth.



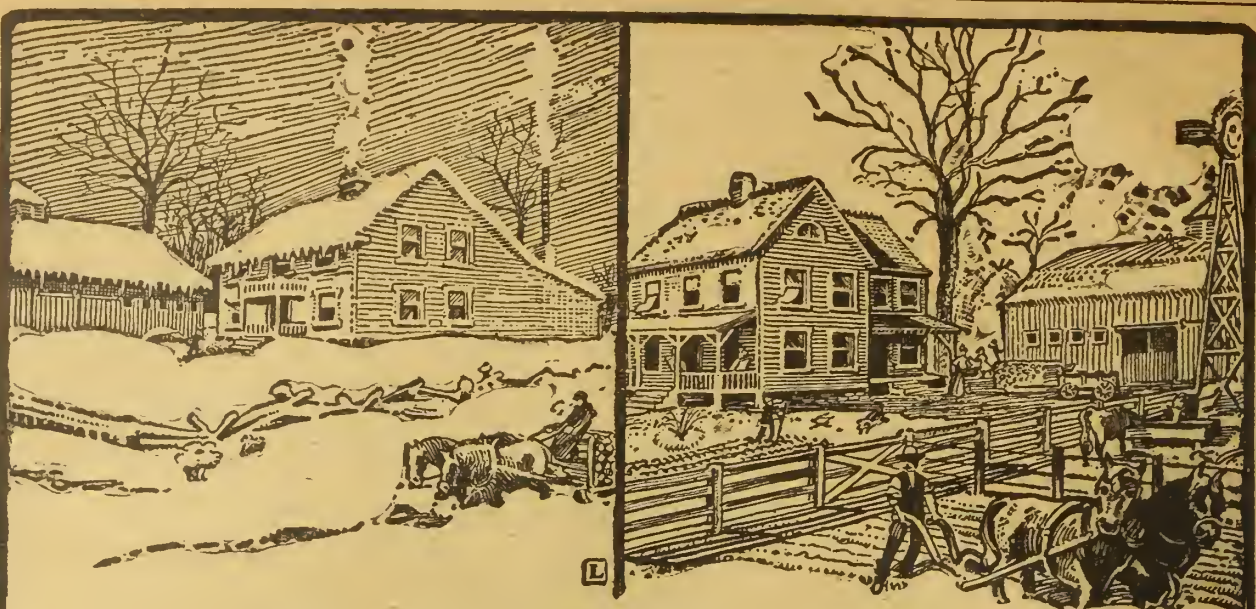
HINTS, SUGGESTIONS, DEVICES  
AND CONDENSED LETTERS  
FROM CORRESPONDENTS.

Regarding the plan for a butchering derriek and gambrels for beef and pork, Mr. E. S. Stayton, of Cobs county, Ill., writes: "The material for same was picked up around the farm and cost, blacksmith work included, all told eighty cents. This outfit has gone the rounds of the neighborhood for ten years and is in good condition yet—in fact, if properly sheltered it will last the lifetime of the average man and greatly facilitate the work of butchering. The uprights are 2x4x12. The windlass is 4x4x4 with an iron band around either end and gudgeon pins 3x4x8 to fit in holes in outside uprights, two and one-half feet from lower ends. One foot from either end 1x3 mortises are cut from opposite sides to admit of pieces of hardwood 1x3x3 for turning windlass.



In boring holes for bolt at top of uprights use bit three-eighths inch larger than bolt to allow for spread at bottom. Have a hook with eye for bolt to pass through for hanging pulley. This hook should be of three-fourths-inch iron and eight inches long. The bolt should also be of the same length. The stretcher may be made of either chain or rods, twenty inches in length, and should have three-inch ring in center for fastening rope. The end links should be of 1½x4 inches to admit of a good, strong stretcher stick, and have good, roomy hooks in these links so they will readily hook over a beef hook. This stretcher is far superior to the ordinary stick used, as the load on one side may be removed with no chance of the other part getting on the ground. When the beef is raised high enough for removing entrails simply drop one of the turning sticks between the other turning stick and the rope and one upright and there it will stay. For hanging hogs with this outfit we have gambrels with an eye in the middle and hooks in the ends and hang one on either hook of the stretcher. With an extra stretcher with open eyes to hook in top ring four hogs may be nicely handled."

In answer to several requests for a device to transmit power from a windmill to a pump where the well is several hundred feet distant we give the following plan. The illustration shows two triangles, one of which is to be attached at the well and the other at the mill. Each



Where would you rather be?

In the North or East hugging a stove to keep warm, or living a free, comfortable, out-of-door life in the Southwest? The farmer in the Southwest is enjoying his winter. He hardly ever sees snow and "a freeze" is almost unknown to him. He is able to work out-of-doors all the year and it is not uncommon for him to raise two or three crops a year. Five or six cuttings of alfalfa is the expected thing and it seldom fails.

He does not know what it is to build expensive shelter for the protection of his stock in winter and as for long feeding periods he is spared that expense.

When you stop to think that he has all of these advantages, and besides has only paid a fifth or a tenth as much for his land as you paid for yours and can raise 30 bushels of wheat, 50 bushels of corn or 90 bushels of oats to the acre, don't you think he has all the best of you?

He has good markets and usually gets better prices for all he raises than you get. Schools and churches are good and convenient. The climate is healthful and pleasant and altogether the Southwestern farmer is prosperous and contented.

Why don't you move to the Southwest? You can own a big farm there for what a small one costs in your state. A few years hence, this low-priced farm will be a high-priced farm in a highly prosperous community.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.

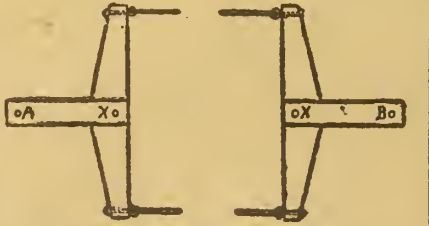


A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines  
1413 La Salle Street Station, Chicago or 1413 Frisco Building, St. Louis.



triangle is supported firmly to a post or beam by a bolt which acts as a joist at the hole marked X. At the hole marked A the pump rod is attached, while the windmill rod is attached to the other triangle (at B) correspondingly. The two triangles then face each other as in illustration and are attached to each other

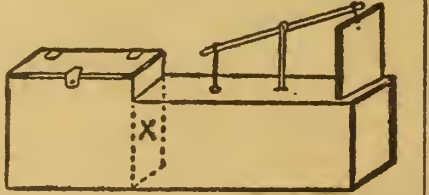


er by strong wire at the eyes in the upper and lower ends. The triangles are made of two-inch hard wood to be satisfactory and lasting. The principle in which the device works will be seen at a glance.

More and more farmers are coming to realize the conveniences of watering cows in the barn and in most of the dairy stables that are now being built this idea is carried out in various ways. We recently saw cows watered and fed in the same trough. It was of cement and had a round bottom. At the top the trough was about eighteen inches wide and in depth it was ten. When first made the water was turned into one end of the trough and the result was that the cows at the opposite end were compelled to wait ten or twenty minutes until the stream had passed by the cows nearer the faucet. To remedy this delay the water pipe was run along the side of the trough and tapped at every fourth cow. It required much less time to water in this way and the amount of water entering the trough could be better controlled so that there was not too much water left to soak into the grain.

There are various other plans of watering cows, for example, that in which there is a water trough in the bottom of the feed trough covered by trap doors which are opened for watering. In this case the troughs must always be swept clean every time the cows are watered or else the water becomes filled with chaff and dirt. The plan first mentioned works well and moreover the arrangement of trough and pipes is very simple.

Minks, weasels and such varmints, which are so destructive to poultry, can nearly always be trapped by using a box trap made about thirty-six inches long and about six or seven inches square, in



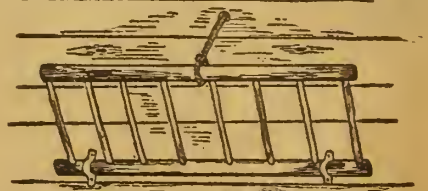
two compartments, one about twelve inches and the other twenty to twenty-four inches, with a division between made of small-mesh poultry wire, or woven by hand with baling wire, with no less than one-half inch meshes. The outer end of the smaller division should be of the same. Arrange a drop door in slides like the ordinary rabbit trap. Put a live chicken in the small division and set the trap near a coop which has been visited, or anywhere the animals have been seen, and they will be caught in a few nights.—(Exchange.)

The accompanying illustration shows a convenient form of feed rack for sheep. The farmer can make it with practically no expenditure of money, and it is very convenient where all available space must be utilized. The bottom and top bars are made of poles with one inch

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A WHOLE YEAR FREE

We will send you our great farm paper absolutely free for a whole year if you will do us a small favor. Just send us names and addresses of five good farmers and enclose two-cent stamp. The Valley Farmer is a handsomely printed farm journal, established fifteen years, edited by the ablest agricultural writers of the country, published on its own \$20,000 rotary magazine press by the largest publishing house in the West, and read by over a quarter of a million people. Its circulation reaching every state in the Union. Address with stamp Valley Farmer, 675 Jackson street, Topeka, Kan.

saplings fitted into them. The bottom cross bar fits loosely into brackets on the wall, and the upper bar is fastened by a cord which passes through the building over a small pulley above the rack. A weight attached to the outside end of the rope will serve to keep the rack against the wall. When roughage is being put into these racks they may be lowered and pushed back against the wall again when filled. They hold the hay closely and are kept in place by the weight, which will prevent the hay



from being pulled out too freely and wasted by the sheep. It is always well to have these racks placed over the grain troughs so that any clover heads or leaves that fall from the racks will be caught in the troughs below instead of being tramped in the manure.—(Exchange.)

THIS  
BOOK  
FREE

Write today for work by several well known agricultural authorities, showing why the Harrow is much more important than the plow. Also illustrates and describes

**THE ACME HARROW**

The riding harrow that cuts and pulverizes the plowed ground. Coulters or teeth work as a gang plow. The only harrow built on correct principles.

**Sent Free on Trial.**

Ask your dealer to let you see the Acme Harrow. If he hasn't it I will send you one for free trial. No expense to you. Don't forget to write for book.

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PATENTS  
ORWIG & LANE,  
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.



## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## MILKING MACHINES.

There is no line of farm machinery about which there is more conjecture than this question of milking machines. For nearly 100 years men have been struggling to solve the milking problem by having the work done by mechanical means.

The Kansas Agricultural College some time ago installed a milking machine and recently Professor Erf, head of the dairy department of that institution, has published a bulletin on that subject, giving the history of milking machines up to date and also relating their experience with one that has been installed at that institution. The conclusions drawn by Professor Erf are as follows:

1. A milking machine will milk cows as thoroughly as the average milker.
2. Some cows give more milk when milked with a machine than when milked by hand; others give less.
3. It is extremely necessary for the man in charge to fully understand how to operate a milking machine.
4. To reach the highest degree of success cows should be selected and bred to respond to machine milking. If this factor is taken into consideration machine milking will be equally as successful as the best hand milking.

The college has found that three milking machines would do the work of five milkers, though this does not take into account the time required to transfer the milkers from one cow to another, to attach the teat cups, to wash the machine and to take care of the engine. However, it is not so much in the matter of economy where sufficient help is obtainable that the milking machine is especially to be recommended; the chief claim that could be made for it is that it eliminates to some extent the difficult problem of hiring hand-milkers, making dairying more of a mechanical occupation than it has been in the past. It has been found as a result of the work up to date that in the case of some cows the machine will increase the milk yield, while in the case of others it will reduce it, and in this respect the machine does not differ widely from the average run of milkers. From a series of thirty-two tests it was found that the average cow milked by a machine was milked slightly cleaner than by the average hand milker. The manipulation of the udder was found to be more essential when the machine was used than in the case of hand work.

Machine milking is necessarily cleaner than hand-milking, and by actual test it has been found that there are less bacteria in the milk drawn by machine than in that milked by hand.

The machine installed at the Kansas station works on the principle of the vacuum, and this may be maintained by the use of tread power, gasoline or steam engine. The normal air pressure is fifteen pounds per square inch, and

in the case of the milking machine this is reduced to eight pounds. Rubber tubes connect the cow's teat with vacuum pipes and thereby reduce the pressure on the end of the teat. The strokes of the pump that produce the vacuum induce a pulsating motion. This motion, together with the atmospheric pressure on the outside of the udder, draws the milk into vessels provided for its reception.

The bulletin referred to is No. 140 and doubtless many of our readers, especially those who are interested in extensive dairying operations, would unquestionably be interested in its contents, and we therefore suggest that application be made to director of experiment station, Manhattan, Kan., for this bulletin.

## A NEW METHOD OF TREATING CALF SCOURS.

As recently pointed out by L. A. Klein, of the South Carolina station, one of the most common difficulties met with in raising calves on skim milk is the persistent form of diarrhea commonly known as calf scours. This disease is due to the action of various fermentative and putrefactive bacteria in milk. As is generally known, the undue growth of bacteria in milk may be largely prevented by the exercise of strict precautions from the time the milk is drawn from the cow until it is fed to the calf. The necessary precautions, however, involve more attention and labor than can always be expected from the average dairyman. The inevitable result of carelessness in handling milk is the development of large numbers of bacteria in it, and this in turn leads to calf scours, which always causes an unthrifty condition in the calf and may often produce death.

Proceeding on the basis of the results of investigations by Von Behring, the Maryland Experiment Station, and the bureau of animal industry of the department of agriculture, on the influence of formalin on disease germs and on digestion when administered in small amounts in milk, Doctor Klein treated twelve milk-fed calves affected with scours by adding formalin to the milk in the proportion of one part to 4,000 parts of milk. This dilution may be readily obtained by pouring 0.5 ounces of formalin into 15.5 ounces of water. From this stock solution one teaspoonful is added to each pint or pound of milk to be fed to the affected calf.

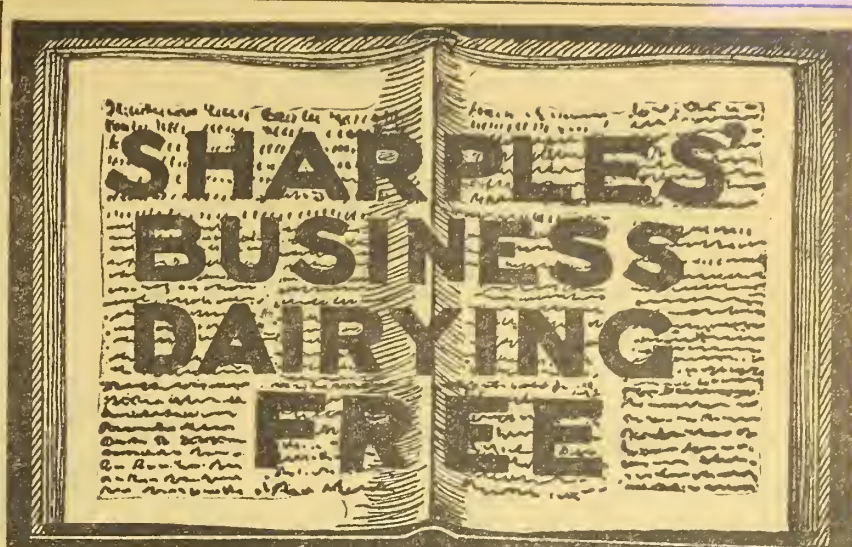
From the experiments just outlined it appeared that the results are practically the same, whether the formalin solution is placed in the milk just before feeding to the calf or immediately after the skim milk is received from the separator. Apparently, however, it was advisable to add the formalin to the milk immediately after separation. On the twelve calves treated in this way eleven recovered without any further treatment, seven of them on the second day, three on the third day, and one on the ninth day. If further experiments show that formalin causes no injury to calves, this method furnishes an effective and practical means of controlling calf scours.

## Sheltering Dairy Cows.

To the Editor of The Homestead:

In bad weather shelter for the dairy cow is as important as food. That this is not fully appreciated is shown by the too common practice of leaving cows stand, with arched back for hours behind the strawstack, the grove, or around the feed rack.

Dry cold does not hurt the cows as much as the wet and cold together. From a cow's back which is wet with rain, sleet or snow, a constant evaporation takes place. Snow and sleet is



Contains all the money-making points of dairying. Among the subjects treated you will find How to Feed, What to Feed, When to Feed, What Foods Produce Most Milk, How to Take Care of Milk-Producing Foods, How to Feed Silage, the Care of the Milch Cow, and many other profitable and practical suggestions that help swell the profits of the dairyman. With the book we will send additional information telling you how and why you can get the most out of you milk by using the

## Sharples Tubular Cream Separator

We guarantee that with a Tubular you can get 50 per cent more cream over the old pan method of skimming, and 6 per cent over any other cream separator made. Sharples Separators get all the cream and the Tubular is the easiest running, easiest cared for, and easiest kept clean. There is just one tiny piece in the bowl, the milk can is low and handy, the bearings are self oiling. Write for the "Business Dairying" at once stating number of cows you keep. Ask for booklet D.121



Mr. S. L. Boyer, Venetia, Pa., says "The Tubular makes me \$25.00 yearly."

The Sharples Separator Co.,  
Toronto, Can. WEST CHESTER, PA.

Chicago, Ill.

worse than rain, as they require melting as well as evaporation.

The heat used in this process is obtained from the animal's body. Domestic animals require their body temperature maintained at a point varying only a little from 100 degrees Fahrenheit. Thus the heat producing elements in the food like fat, sugar and starch are consumed for maintaining this temperature, just as coal in a stove is burned to warm a room.

When cows are comfortably stabled it takes 60 per cent of their capacity ration to maintain their body temperature and to furnish heat and motion. When left out in cold, rain, snow or sleet, it takes a good deal more. This is the main reason for the great decrease in milk flow from cows left out in bad weather.

Over \$4 a cow has been saved in forty-eight days by proper shelter.

Fred Rasmussen.

## Mrs. Spencer's Short-horn Sale.

The sale of Mrs. Flora V. Spencer, of Spring Green, Pa., was held on December 18th as advertised in The Homestead. Unfortunately the weather was bad and this cut down the attendance and no doubt affected prices. However, twenty-one females sold at an average of \$107.62, while four bulls brought an average of \$56.25, the twenty-five head averaging within sixty cents of the \$100 mark. Mr. J. K. Imes of Birmingham, N. Y., paid \$250 and \$175 for Jennie Clay, No. 14, and Kittle Clay of Spencer Place, Mr. A. A. Wilson, of Delaware, Ohio, paid \$150 for Fillipal 2d, while Walker Ice Cream Company, of Warren, Pa., bought

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Gold medals at World's Fair and Portland attest the superiority of the "IOWA" over all others.

Made in all sizes from 250 to 750 pounds. Your name and address on a postal card will bring you a handsomely illustrated booklet with full information, price list, etc. Write at once, for every day that finds you without an "IOWA" finds you losing money. Ask for catalog 25. Address,

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

Kittle Clay 2d of Spencer Place for \$150. Considering all things, the sale was a satisfactory one, both from the standpoint of buyer and seller.

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—The Omega turns so easily;

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—How it delivers both milk and cream from the bottom of the bowl.  
—How the bowl drains itself:

## Just Try Omega An

—How you can stop the bowl instantly;  
—Why you can clean it and have it ready for work again in three minutes.  
—Why it lasts so long.  
—Why it needs so few repairs.

We ask you to take these statements as facts—which we want to prove to you. We believe a fair investigation will easily convince you that the Omega is, of all separators, the separator you want, because it will give you the best service.

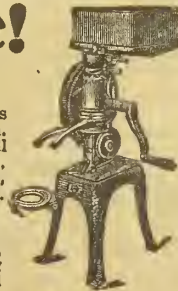
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You'll be interested in our booklet, "More Milk Money," our new catalog and our "Golden Rule Guaranty." Send name and address today.

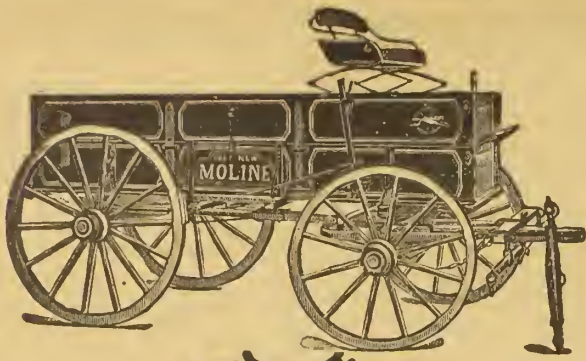
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It tells why we are willing to have many thousands of dollars tied up in this reserve stock for years, paying taxes, insurance and other costs, until it becomes thoroughly weather seasoned, with the wear of iron in it.

We have the largest stock of Hardwoods in the United States, yet today we're buying green timber right and left, for our 1911 output of Moline's.

If you know of any large tract of Oak or Hickory, we'll thank you for telling us. We want it.

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Lumber preserves itself in its own sap, if you give it a few years time, out in the open air. Just let nature alone—that's all. The resinous portion of the sap does the work. It fills and toughens the fibers—makes lumber live, resilient, with practically no limit to its life.

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## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### SURVIVING WIFE—DIVORCED WOMAN.

A Subscriber, Clarinda, Iowa.—A and B were husband and wife. They owned forty acres of land, the title being in the name of A, the husband. They deeded twenty acres of the land to their children and afterwards A deeded the other twenty acres to a third party, but B did not sign the last deed. Later on A and B were divorced. Can B hold her third interest in the twenty acres deeded to a third party by A?

Answer.—She cannot. The third interest you have in mind, is the distributive share which the law allows a widow, in lands owned by her husband during their married life. To have a right to this share, a woman must be the wife of the husband at the time of his death. A divorced woman has no such right.

#### MISREPRESENTATION.

A Subscriber, Marengo, Iowa.—I recently bought an Angus heifer at a combination sale. She was represented on the breeding list to be with calf by a fine Trojan bull. She had a spotted calf that looks like a Holstein, and cannot be recorded as Aberdeen. (1) Have I any remedy as against the seller? (2) What is the customary way of settling a matter of this kind?

Answer.—(1) It depends upon what use was made of the breeding list you speak of. If it was used at the sale as a representation of the quality and condition of the animals to be sold, and so brought to the notice of the bidders or prospective buyers, it amounted to a representation of the heifer you bought which if not true, entitles you to sue the seller, and recover a judgment for damages, which would be the difference between what the heifer is actually worth, and what she would have been worth, if the statement on the breeding list had been true. (2) There is no usual or customary way of settling such a matter, other than by a suit for damages. Of course it is better for both parties if they can compromise the difficulty between themselves without litigation.

#### ADVERSE POSSESSION—BOUNDARY.

A Subscriber, Maryville, Mo.—A owns land which is described in his deed by metes and bounds. B owns land just north of A's land and adjoining it which is described in his deed by metes and bounds. A partition fence supposed to be on the line has divided the lands for more than twenty years. This fence was recently rebuilt on the same place. Which owner built the original fence is not known. By a recent survey it was ascertained that the fence was several yards south of the true line between the tracts, thus taking a strip of A's land. (1) Can the fence be legally put upon the true line? (2) Who should bring the action? (3) Can A hold his grantor liable for the shortage?

Answer.—Actual, open, notorious and continuous possession of land under claim of ownership for ten years, constitutes such adverse possession in Missouri, as to confer ownership upon the possessor, and vest title in him. These parties having recognized the fence as the line for twenty years, would most likely be deemed by a court to fix the line there permanently. (2) Should a suit be brought at all, it should be in the name of A, the owner of the south tract. (3) If the fence cannot now be moved on account of lapse of time, A can hold his grantor liable for shortage, unless his claim is outlawed. You don't say when A's deed was made.

#### FENCE ENCROACHING ON ROAD.

A Subscriber, Paton, Iowa.—A rented a farm from B for a term of years. He was to build and keep in repair all fences at his landlord's expense. A public road runs along the east side of the farm. Last spring A built a new woven wire fence along the roadside instead of the old fence, which was out of repair. He set this new fence eighteen inches further east at the north end, and three feet further east at the south end, than where the old fence stood, supposing at the time that he was setting it on the true line between the farm and the road, as he set it exactly in line with the fence B has along the road, just south of him. B says A's fence is in the highway, and wants it moved back where the old fence stood, and he had the trustees view it, and they decided that it was in the highway. There is no corner stone at the corner from which the trustees could make an accurate measurement, and no survey has been made. (1) Can A be compelled to move the fence? (2) If a survey should be made, who would have to pay the costs?

Answer.—(1) It all depends upon whether the fence is actually in the highway or not. If it is, it will have to be moved, otherwise not. (2) If the boundary line has to be determined by proceedings in court, and a survey, the court

will decide who is to pay the costs and expenses of the proceeding. No one can tell beforehand, how the court would decide the matter.

#### SOLDIER'S DISCHARGE.

A Subscriber, Whiting, Iowa.—If I should buy a soldier's discharge could I enter a homestead of 160 acres on it, in South Dakota, the same as a soldier could, that is, without having to go on it?

Answer.—You could not. A soldier's discharge is not the subject of traffic, —purchase and sale. You get no rights whatever by having the soldier transfer his discharge to you.

#### PRIVATE ROAD—LINE FENCES.

A Subscriber, Calamus, Iowa.—A and B own adjoining farms and owned equally the partition fence between the farms. A sold a strip of his land one rod wide along the line and eighty rods long to C for a private road. (1) B fixed his half of the line fence between his land and the private road. Who must fix and keep up the other half of it? (2) Who must construct and keep up the line fence between A's land and the private road?

Answer.—(1) C. (2) A one-half of it, and C one-half of it.

#### STATUTE OF LIMITATIONS.

A Subscriber, Harrah, Okla.—Several children inherited land in Kentucky about thirty-two years ago. One of them did not receive his share or any part of it and died about two years after he became entitled to it. There was an administration of the estate. Can the children of the one who died without receiving his share now recover it by law, or is it outlawed?

Answer.—The statute of limitations in Kentucky provides that a suit to recover land must be brought within fifteen years after the right accrued, but minors may have three years' time after they become of age, within which to commence suit. The children of the person who failed to receive his share of the estate, must now be at least twenty-nine years old. So they are barred by the statute and cannot recover the land.

#### APPOINTED OFFICER'S TERM.

A Reader, Bethany, Mo.—When the township organization law was declared unconstitutional by the supreme court last spring, the governor appointed an assessor and a collector for our county. On November 6th last we elected a county collector for the next year. When will he take the office?

Answer.—The regular time for a collector elected by the people to take his office, is on the first Monday in March after his election, but in the case you mention, it might depend upon the terms of the appointment made by the governor; for instance, if the present incumbent was appointed until the next general election, or until his successor should qualify, it would entitle the newly elected collector to be inducted into office as soon as he should properly qualify, but if the appointment was for the unexpired term, that would mean until the first Monday in March. You have failed to state the terms of the appointment.

#### PERSONAL PROPERTY TAXES.

Mr. L. M. P., Mt. Vernon, Iowa.—A man in Iowa sold personal property after the first day of January, 1904. The property was assessed to him. (1) Is he required by law to pay the taxes? (2) Do the taxes assessed on said property constitute a lien on it? (3) If the man to whom said taxes were assessed, refuses to pay the same, can the officer levy on his other personal property, or real estate, for said taxes?

Answer.—(1) The man who sold the property is liable for the taxes assessed upon it while he was the owner of it. (2) The taxes do not constitute a lien on personal property, until such personal property is actually seized by distress warrant to enforce the payment of taxes, but if not paid when due they become a lien on all real estate owned by the person who is liable for the payment of such taxes. (3) The payment of such taxes can be enforced by the seizure of the man's other personal property, or by proceedings against the real estate owned by him.

#### TRESPASSING CATTLE—DAMAGES.

A Subscriber, Woodburn, Iowa.—(1) My neighbor's cattle broke through his part of the partition fence into my crop and did it considerable damage. Is it necessary for me to serve a written notice demanding damages before I sue him for the same? (2) If I shut up his cattle that trespass upon my land, how much am I allowed per head for my trouble, in addition to the damages? (3) I rented a piece of land as a field tenant or cropper, agreeing to give half the crop of corn in the crib as rent, and reserving the right to cut my half. When am I required to take my part out of the field, nothing being said about the time in the contract?

Answer.—(1) It is not absolutely necessary, but we would advise you to tell him about the damage done by his stock, and fix a reasonable amount, as your claim and request him to pay it before bringing suit. It might result in a settlement without litigation. (2) For each bull one dollar for taking up, and fifty cents per day for keep. For other cattle, the first two, fifty cents each, for taking up and for each additional



animal twenty-five cents; and for keeping twenty-five cents per day for each animal. (3) By December 1st.

#### TOWN AND TOWNSHIP.

A Subscriber, Perry, Iowa.—(1) Have the voters in an incorporated town the right to vote for township trustee and township clerk? (2) Can persons residing in an incorporated town hold the offices of township trustee and clerk?

Answer.—(1) They have. Where the boundaries of the city are the same as those of a civil township, the offices of trustee and township clerk are abolished by law and their duties are performed by the city clerk and council. (2) If duly elected and qualified, they can; the fact that they might reside within the town limits would not render them ineligible.

#### WIDOW'S PORTION.

A Subscriber, Iowa City, Iowa.—A and B are husband and wife, and have been for twelve years. They have had no children. The property consists of eighty acres of land and personal property valued at about \$12,000. It is all held in A's name, though B had some money at the time of the marriage. In case A should die first without making a will what portion of the property would B get by law?

Answer.—If A has no children or children's children by another wife, his widow B would get first what is called the widow's allowance out of his estate and then one-half of the balance. If A left children by another wife, B would only get one-third of his property in addition to her allowance.

#### HOG CHOLERA—DAMAGES.

A Subscriber, Rockwell City, Iowa.—I have a near neighbor who has lost nearly all of his hogs by cholera. His pigs wander around the vicinity at will. A few days ago some of them pushed my yard gate open and got into my yard and among my hogs. I got them out as soon as possible and took them home. Suppose my hogs should get cholera from such contact with his pigs, could I recover damages from him?

Answer.—You could recover damages in such a case. The law of Iowa provides that neither swine, sheep nor goats shall be permitted to run at large. Your neighbor's swine being unlawfully at large, renders him liable for whatever damage may be occasioned by their coming in contact with other hogs.

#### TITLE OF RECORD.

A Subscriber, Pratt, Kan.—A and B were husband and wife. After their marriage B's parents deeded land to her. One child was born to A and B. B died in 1899, and the child died in 1902. These are well-known facts. A made an affidavit of the death of his wife and child, and had it recorded, and then deeded the land to certain parties. Is the deed regular and does it convey a good title of record?

Answer.—The proceedings do not make a good chain of title on the records. We think it will be necessary for the party who holds the deed to bring an action in the district court, and have his title quieted by a decree, in order to obtain a good record title. Such a decree, when recorded, will show how title became vested in A and his right to transfer it.

#### TREES SHADING LAND.

Mr. Abel Choate, Madison County, Iowa.—I own the east half of a quarter section of land in this country. A widow owns the quarter section adjoining my land on the east. She has a dwelling and a grove on the northwest corner of her land. The grove is near my land, the west row of trees being tall maples within three feet of the line between our farms. They shade an acre or more of my land, so that nothing can be produced upon it. I have asked her several times to have the trees cut down, but get no satisfactory answer from her. What are my rights in the matter?

Answer.—You haven't much of any remedy. A person has a right to grow trees or anything else upon his own land. If the trees of the widow extend their roots into your ground, or their branches over it, you have the right to cut off said roots and branches at the line, but that is all.

#### CHILDREN SUPPORTING PARENTS.

A Subscriber, Fulda, Minn.—A parent is helpless and without means. He (or she) has children, who reside in different states, some of them in the state where the parent resides—Minnesota. (1) Does the law compel the children to support the parent? (2) Can the children be made to pay for keeping the parent in the past?

Answer.—(1) Section 1485, page 294, Revised laws of Minnesota provides that every poor person who is unable, for any reason, to earn a livelihood, shall be supported by his children, or other relatives, and that such children or other relatives having sufficient ability shall be called upon for such support, and if children or other relatives fail to furnish such support when directed by the board or council of the county, town, city or village in which the poor person lives, they shall forfeit and pay for the benefit of the poor \$15.00 per month, to be recovered in any court having jurisdiction. (2) We do not think that children could be made to pay for

past keeping, unless called upon before-hand by the proper authorities, to furnish such support. And children who reside outside of the state of Minnesota could not be reached by its laws.

#### LEGAL MARRIAGE.

A Subscriber, Blakesburg, Iowa.—Miss A was illegitimate born. Her mother married B. Miss A took her stepfather's name without any process of law and was married by that name. Is the marriage legal?

Answer.—The marriage is perfectly legal.

#### GUESSING AT FACTS.

Mr. James McGovern, Henry County, Illinois.—A leased forty acres of land from B for half the crop, and raised corn on the land. There was no express agreement that A should harvest B's half of the crop. Is he required by law to do it?

Answer.—The editor of this department is not able to give a legal opinion upon the above statement. Not enough facts or circumstances are given to form a basis for legal advice. Our guess is that A is required to harvest all the crop, and deliver half of it as rent to B on the ground.

#### ADVERSE POSSESSION—TITLE.

A Subscriber, London Mills, Ill.—A bought a tract of land in 1875 and got a warranty deed for it, but in after years it was discovered that the deed did not give a proper description of the land. The parties who made the deed are dead. A has had peaceable possession of the land and paid taxes on it ever since, about thirty years. Can A hold the land against all parties, regardless of the defective description in the deed?

Answer.—He can. A's title is now good by virtue of what is called "adverse possession." However, in order that the records might show the title and description correctly, it would be well for A to bring a proceeding in court to quiet his title.

#### HOMESTEAD LAW.

A Subscriber, Eddy, Okla.—I am an old soldier. I took up a homestead in Missouri twenty-five years ago, but abandoned it because it was so poor I could not make a living on it. Can I now take a homestead in New Mexico?

Answer.—By act of congress, passed June 5, 1900, it is provided that "Any person who, prior to the passage of this act, made entry under the homestead laws, but, from any cause, has lost or forfeited the same, shall be entitled to the benefits of the homestead laws, as though such former entry had not been made." You can therefore take a homestead again.

#### HUSBAND AND WIFE—IOWA.

A Subscriber, Hebron, Iowa.—A and B are husband and wife. They started in life with no property. They have worked equally hard and together earned all the property they now have, all of which is in the husband's name. Suppose the husband should die without a will, leaving no children, how would the property be disposed of according to law?

Answer.—The widow would get first what is called the widow's allowance, consisting of various articles of household furniture and other personal property, and provisions for a year, etc., and then one-half of the balance of the estate, the other half going to A's parents.

#### LEGACIES CHARGED ON LAND.

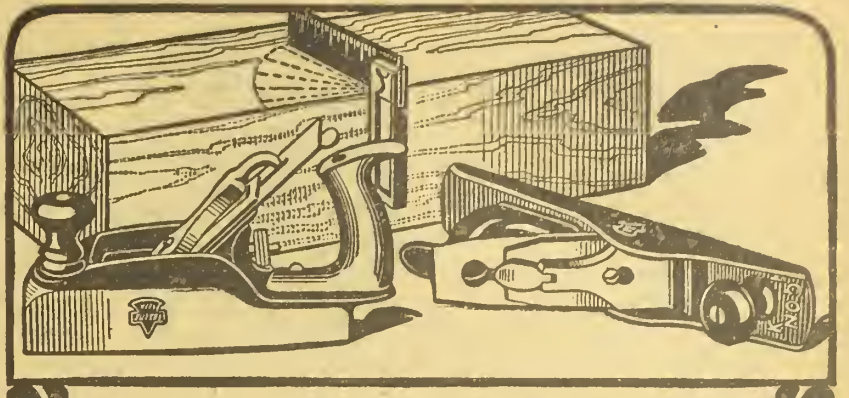
A Nebraska Subscriber.—A man in Iowa owned a farm of 160 acres. He had a son and two daughters. The son had been renting the farm from his father for a number of years. The father died last March leaving a will by which he devised the farm to his son, providing that the son should pay to each daughter \$3,000, and that title to the farm should not rest in the son till such payments were made. (1) Does the son have to pay rent to the daughters for 1906 or until the estate is settled? (2) Are the daughters entitled to legal interest on the amounts bequeathed to them until they are paid?

Answer.—(1) He does not, but he will have to pay interest on the sums bequeathed to them from the time of the settlement of the estate, or from the time when it is ascertained that the land is not required to be subjected to the payment of debts. This answers both questions.

#### DOWER IN ILLINOIS.

An Illinois Subscriber.—My father died thirty years ago, leaving my mother and several children. He owned 240 acres of land. Mother took eighty acres of the land as her dower. One of the children, a daughter, got married, and afterwards died leaving a husband, but no children. Will the husband be entitled to any share in the eighty-acre dower tract when mother dies?

Answer.—He will not. If the mother had died before the daughter, then the daughter would have come into possession of her interest in the eighty acres, but so long as the mother lived, the daughter could not come into possession, and she died without having come into possession and at her death had no interest in which her husband could be endowed. The supreme court of Illinois has decided that where one owns a reversionary interest in land in fee, a life estate in it being outstanding, and dies before the holder of the life estate, the surviving spouse is not entitled to dower.



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**HIP DISEASE** can be cured without surgical operations or confining the patient to bed. Abscesses, shortening deformity and loss of motion can always be prevented, and, if already present, can be cured. The methods used here in the cure of Hip Disease in all its stages are radically different and more successful than those generally employed. Write for information.

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This is the only thoroughly equipped institution devoted to the cure and correction of deformities. Examination and consultation by mail or in person, free of all charge. References furnished on application. Pamphlets sent on request.

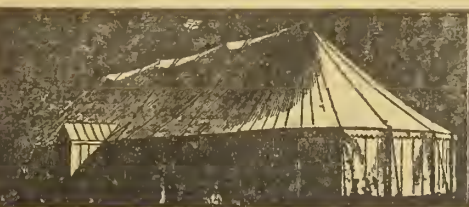
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# VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

### HOG CHOLERA.

I have lost thirty head of hogs. They commenced dying in June and the last died in October. Their ears would swell and be very feverish. Some an hour or so before dying would swell at the throat and almost all would break out with red spots on legs and belly. Their droppings would be dry and hard little balls, as from sheep. I bought twenty-one head the 20th of November and three have died the same way. Could you give me any remedy?

The red spots indicate hog cholera, which causes fever and at such times ears would likely be hot. To settle the matter a post mortem examination should be made and if it is cholera there will be found raised ulcers on lining membrane of the large intestines, especially in the first of these known as the caecum. All well hogs should at once be moved to new quarters on clean ground not formerly used by hogs and there disinfectants should be freely used in the pens, on the hogs and in their feed. Coal tar disinfectant is suitable for this purpose. There is no known cure for the disease, but some may recover if treated with disinfectants as advised and also are given rectal injections of same. Feed slop of milk, middlings and tankage with free addition in the slop at rate of one quart to the barrelful.

### FISTULA.

(1) I should like some advice as to how I can cure my six-year-old sorrel mare of fistula. I think the fistula was started by a collar bruise some four months ago. I had the ailment treated by a man who professed to be a specialist on doctoring fistula and the mare seemed to do better until the last few days. One side which has healed over feels quite gristly and hard and is getting larger. The other side is running a little yet. (2) I should also like a recipe to reduce swelling such as might be caused by collar on top of horse's neck.

After removal of hair and thorough cleansing of enlargement the knife should be used to freely open down to the very bottom of each pocket and pipe. After that flush out the cavities once daily with a large quantity of hot 2 per cent solution of permanganate of potash or coal tar disinfectant and then pack with oakum saturated with a mixture of equal parts turpentine and raw linseed oil. When the wound is healing nicely blister the enlargement repeatedly with cerate of cantharides. Success will depend upon

## Lump Jaw

The first remedy to cure Lump Jaw was

### Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket Veterinary Adviser.

Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.

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Are Hard to Cure,  
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will remove them and leave no blemish. Does not blister or remove the hair. Cures any puff or swelling. Horse can be worked \$2.00 per bottle, delivered. Book 6-C Free. ABSORBINE, JR., for man and horse, \$1.00 per bottle. Cures Boils, Bruises, Old Sores, Swellings, Varicose Veins, Varicocele, Hydrocele. Alays Pain. W.F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

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The Man Who Stands Back of  
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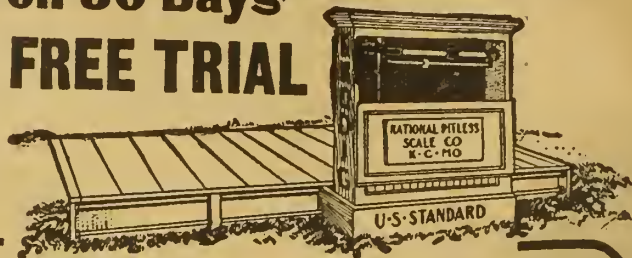
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you sell your farm, the "KNODIG," unlike the Pit Scale, does not go with the land. Absolutely accurate, because tested according to U. S. Standard of weights. The U. S. Government has selected the "KNODIG" for use in the Kansas City Post Office.

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I am willing to PROVE that the "KNODIG" Pitless is the scale you need. I will send a set to you, or to any responsible Farmer, Stockman, Elevator Man, or Grain Dealer, on a month's free trial.

You have nothing to pay until you're satisfied. No deposit, no notes to sign, nothing to do but give the "KNODIG" a fair, honest trial at MY risk. If it doesn't please you, send it back, and I will pay freight BOTH ways. And I will also pay the expense of setting the "KNODIG" upon your premises.

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on the thoroughness of the operation. (2) For sores and swellings on top of neck use a mixture of two ounces of tincture of iodine and six ounces of extract of witch hazel applied with brush twice daily.

### BARREN MARE.

Will you, if possible, tell me why I cannot get my mare in foal? She is seven years old and about sixteen hands high, dark chestnut in color with white points, and well bred. She has foaled one mule colt at the age of five years. In July of that year she had a severe attack of distemper and in August following her udder became swollen and broke on each side and discharged matter for about three or four months, but I finally healed it with peroxid of hydrogen and it became about its normal size. Since then I have bred her several times and she will not get in foal and have used an impregnator. She seems to be in good health. I would be very thankful for any information you could give me.

We would consider it a good thing that the mare fails to conceive, for her udder is ruined by the formation of abscesses so that should she have another foal she would be unable to nurse it and the hand raising of a foal is by most farmers considered a nuisance. Apart from this it is quite possible that in time she will recover from the attack of distemper so that she would conceive if bred, and to hasten that time vaginal injection of the yeast mixture should be used. Understand plainly, however, that we strongly advise against the breeding of this mare.

### BLOODY MILK.

I have a four-year-old cow that was fresh last spring and has been giving milk ever since. About six weeks ago the milk from her right teat began to be streaked with blood and continued worse until about two weeks ago she gave what seemed to be pure blood. It gets better and then worse. Sometimes the blood is very clotted. Her udder does not seem swollen nor pain her. The only treatment I have given her is the use of turpentine as an application. Can you give me any information in regard to treatment to relieve the trouble. Would it be advisable to dispose of the cow?

Unless you sell the cow as a "canner" or prefer to fatten her off we would advise you to treat the case rather than dispose of her. It should be remembered, however, that in some instances bloody milk is a result of tuberculosis of the udder; hence, it always is well to test with tuberculin to determine the presence or absence of the disease. Sometimes a dram of dried sulphate of iron mixed in the feed night and morning will cure the trouble; in more obstinate cases mix two drams of dilute sulphuric acid in the drinking water twice daily and bathe the udder three times daily with cold water, then with a lotion com-

posed of two drams each of powdered alum and sulphuric acid in a pint of cold water.

### LAME COW.

I have a red cow four years old that cannot bend her left hind leg. She will pull it along for a few steps, then all of a sudden it will bend and she will walk all right for a few steps. Seems to bother most just after standing still. Has been that way since spring, but seems to be worse now. Cow is in good order and fresh about two weeks. What can I do for her or is there no cure?

The seat of the trouble is the stifle and we take it that the patella slips out of place at which time the leg will be stiff and on the patella snapping back into place the leg will act normal. In cows treatment is likely to prove unsatisfactory, but should consist in the application of blisters to the stifle joint. Procure a suitable ointment from your local veterinarian.

### SPLINTS.

I have a steel roan colt two years old weighing about 1,000 pounds. He has two lumps or bones on the inside of the fore legs below the knee. Please inform me the cause of this and how to remove same. They started to grow about four months ago.

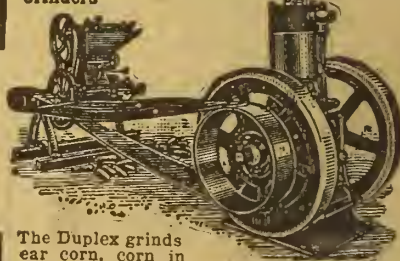
The bony growths referred to are called "splints" and come from irritation and inflammation induced by strain or too much running and jumping and usually affect the legs of the colt that has an in-born predisposition to throwing out of bony growths or the one that has insufficient bone below the knees. Restrict exercise and after removing hair from parts blister one splint at a time with a mixture of one dram of biniodid of mercury in an ounce of lard. Do not wash blister off, but in three days apply lard and repeat the lard application daily for a week or so. Then blister the other splint. It may be necessary to blister several times.

### WEAK STIFLE JOINTS.

I have a bay colt coming three years old next spring. I keep him in the barn at night and turn him out during the day. Kept him in a single stall four feet wide. About two months ago on taking him out one morning he dragged one hind foot; then brought his leg forward with a quick, jerky move; then walked a step or two all right; then dragged and jerked again until he had gone a rod or two, then went all right. I then put him in a double stall nights for a week. He was all right during that time. I put him in the single stall again and next morning he acted again as stated above. I have kept him in double stall since and he has been all right until yesterday morning, when he dragged his left leg badly; could not put it forward at all. We pulled his leg forward a few times and he was soon able to go all right. This morning he was affected in his right leg, but in a mild form. He is in good flesh and has a good appetite. Can

## THE KELLY LINE

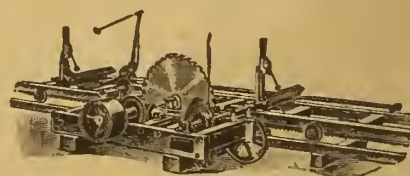
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you tell me what is the matter and give me a remedy?

From weakness of the muscles and ligaments of the stifle joint the patella (knee cap) slips out of place and hind leg is then thrust backward and remains in that position until patella snaps back into place. The colt in stall



so that he cannot lie down and blister the stifle with cerate of cantharides. In bad cases the foot of affected leg should be kept well under the body by running a rope from a hobble around fetlock to collar around neck, passing it between fore legs. The blister may have to be repeated several times.

#### WEAK STIFLE JOINT.

We have a colt that is one year old last spring and about two months ago we noticed that she had some trouble in trying to walk. She would be walking along all right and all at once she would stop and her left hind leg seemed to get stiff so she had no use of it at all. She would turn around and could not get that leg from the ground. We never did anything with it, as we have never heard of anything like it before and cannot see anything wrong just by looking at it when the colt is standing still. We would appreciate it very much if you could give us some light on the question.

See reply to question above.

#### LAME CALF.

I have a spring calf that is lame in its foot. It can hardly get around. It commenced getting so in August, when it ran with the cow, and was a fine, large calf. It eats well and seems healthy otherwise.

An examination will have to be made to determine the cause of lameness. It may be that a foreign body has lodged between toes or that skin of those parts has become sore from wading in filth. We are unable, however, to tell what is the matter, but will be glad to advise again after you have made the necessary examination.

#### SICK LAMBS.

I bought 120 sheep this spring and they did well until the last thirty days, when a few of the lambs began to get poor, so I penned them up and fed them oats. They did not care to eat anything, however, and after about ten days two of them died or starved to death. I had tried feeding them with a drench of flax seed and milk. At times they would seem to want to eat but couldn't. One I thought was partly blind. They did not cough nor sneeze. I cut one open but could not find anything wrong inside. Never had sheep before and am not acquainted with their diseases. Can you tell me what is the trouble?

There is nothing in your statement to enable one to judge confidently of the probable cause of death, as many different diseases lead to lack of appetite and death. It is most probable, however, that worms are causing the trouble, and if you find the lining membrane of the eyelids white, then you may conclude that worms are present.

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Our answer will be a genuine surprise to you. Why? Well, there will be a whole package of surprises, but the biggest ones are these.

First, the low price that we will quote you.

Second, the easy terms on which we will let you pay for the mill.

As a matter of fact, the Chatham Fanning Mill is a continual source of surprise to every man who buys it, for it does so many more things than we mention in our advertising and does them so well.

Now, this mill will actually clean, separate and grade (yes, sir, we said grade, and we mean it!) from 40 to 80 bushels per hour. Its capacity is wonderful, its ease of operation is remarkable, its all-around usefulness and its importance as a profit-maker makes its owner wonder how he ever got along at all without a Chatham.

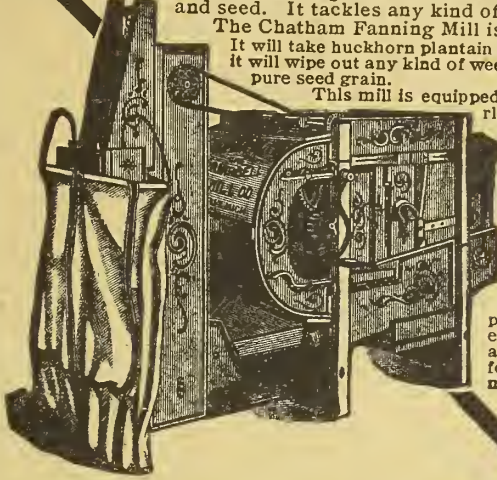
The Chatham Fanning Mill will handle all kinds of grain and seed. It tackles any kind of a job.

The Chatham Fanning Mill is "death on weeds."

It will take huckhorn plantain out of clover—in fact, it will wipe out any kind of weed pest by giving you pure seed grain.

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no matter where you live. You can have the use of it all that time, free, while you are making up your mind whether to buy it or not. If it doesn't do all we say it will, send it back at our expense.

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All we ask is that you try the Chatham. Let it prove itself. Let it show you what it can do—how it can quickly put its own cost back in your pocket and make a profit for you. The Chatham Fanning Mill isn't a luxury. It's a necessity! You need it right on your farm and you need it NOW!

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It tells of over 100 ways to increase farm profits. Tells how to stop the losses and make every cultivated acre on your farm yield crops in abundance. It is a regular Bureau of Free Information on Grain, Breeding, Planting and Seedling. It talks right out. Tells the very things every farmer wants to know, in a mighty sensible, interesting way. Get it. Read it. Profit by it.

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roots, if procurable. Three times daily give her two drams of salicylate of soda and half a dram of powdered nux vomica in thin gruel as a drench. We are taking it for granted that you know by testing with tuberculin that she is not tuberculous. That disease is to be suspected in all mysterious ailments of a cow.

#### FAIL TO BREED.

I have some full blooded Duroc Jersey sows, 1st of May farrow, that will weigh about 200 pounds. They have been fed on shorts, etc., with rape, until frozen. I wish to breed some of them and they have not come in heat. Is there anything I could feed them that would help?

Reduce feed and allow the sows to run out as much as possible. The feeding of charred corn on the cob is said by many breeders to have the desired effect in such cases.

#### RICKETS.

Please tell me what is the matter with my chickens and how to prevent the disease spreading among them. They limp around a few days and then die. They seem to eat pretty well when they are sick. We think it is a bone disease, as they get about twice the ordinary size and are full of small holes. We feed them mornings ground corn and bran with some chicken food in it, and put logwood in their drinking water. We give them shelled corn in the evenings. They are not too fat nor too poor, but are in good shape.

The chickens have not been getting sufficient bone-making material in their food. Corn is especially apt to induce rickets, in which condition the leg has an excess of organic matter and a deficiency of inorganic matter. For corn substitute wheat, oats, bran and ground bone. Also allow access to oyster shells and plaster. Make the chickens take plenty of exercise by sprinkling grain on the ground and covering with straw or other litter.

#### DYSENTERY.

We have a bunch of calves of twenty head and have lost two with a disease which we have never before heard of among cattle. It is a bloody dysentery. They scour and become weak, and toward the last they lie down and draw their limbs up close to body and roll their eyes, which look very glassy, and in about three or four days they die. We have opened them afterward and found the rectum all black for about two feet and the other intestines somewhat inflamed; also the stomach. We had them on a wheat field where quite a lot of oats had grown up after the wheat was sown. We had an oats straw stack in the field that they could run to. We also fed them some kafir corn that was sown and mowed. When we lost the first one we took them off the wheat and oats and about a month later we lost the other one. We were then feeding a little of the fourth out-

and the sheep should have gasoline in dose of one tablespoonful mixed in six ounces of milk. Give this dose from a bottle and be very careful not to choke the sheep, which should be set on its rump at time of drenching. Repeat in three days and again the following week. Feed well on oats and bran along with good mixed hay and bright corn fodder.

#### DISEASED BONE.

I have a black horse five years old which had a bad ulcerated tooth below. It broke and ran before it was pulled. It was pulled about a year ago by a veterinarian who said it would heal in less than a year. It is running quite freely. Can anything be done for it?

Employ a different veterinary dentist to examine into the condition present, as we think it quite probable that part of the diseased molar remains and it is quite certain that if the tooth has been removed there is still diseased bone and tissue present, and this will have to be removed before healing will take place. A good mixture for such fistulae is a 5 per cent solution of protargol injected twice daily.

#### SWOLLEN HOCK JOINT.

I have a bay mare coming five years old that has a swollen hind leg. The leg is swollen to the knee and has been so since about the 15th of September, but she has never gone lame on it. She strikes her hoof on her front one some in walking, and after becoming tired scrapes it some on the ground in trotting. Today I noticed a small sore under fetlock. I have blistered it twice with caustic balsam, but it seems to do no good. Could you give me any remedy?

Stop feeding rain and substitute hay, fodder, roots and bran. The latter food should be given carefully to prevent causing colic and should be wetted with scalding hot water and allowed to stand a couple of hours before using. See that she is well exercised every day. In food or drinking water every other day mix a dram of saltpeter until six doses have been taken. Clip hair from joint and rub well with mercurial ointment every other day. We fear, however, that it is somewhat late to expect satisfaction from any method of treatment.

#### LAME COW.

Can you tell me what is the matter with my cow? She came in about three months ago and was taken sick about one month ago. She was in good condition and gave good flow of milk. The first thing noticed she commenced to stand with her ankles cocked and in a few days she lay down most of the time and in about two weeks had to be helped up. She has had a good appetite all the time and has given a fair amount of milk, but last week she began to fall off on her milk. At the present time she can get up better, but her left leg is swollen and she stands with her hind feet about eight inches too far forward. When she gets up she does not stay up more than ten minutes at a time. The past week her breathing has been a little faster than normal.

We think it probable that the cow is affected with rheumatism and would advise you to place her in a roomy, dry box stall and there feed her nutritious, easily-digested food, including



### GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and positive cure for

Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

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40% of cures made by 1 bottle.  
22% of cures made by 2 bottles.  
15% of cures made by 3 bottles.  
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Treatise free upon application.

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They cure Rheumatism, Indigestion, Nervousness, A

**Great FLESH Producer.**

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will positively send you the watch and ring; also a chain, Ladies or Gent's style. **ALTON WATCH CO., Dept. 131, Chicago.**

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ting of alfalfa and had them running in corn stalks. We gave the first one about one pint of raw linseed oil and the second one a good pint of castor oil, but they died anyway. We have another one now that has the same trouble. We gave him a quart of raw linseed oil and repeated it the next day. This one is still alive. Please tell us what the disease is and what we shall do for it.

Irritants in the food cause the indigestion and dysentery, and more care will have to be taken in the feeding. Kafir corn fodder sometimes is poisonous from presence of prussic acid and corn stalk fields often contain injurious matters which may cause death of cattle pastured there. Try to avoid all possible causes of indigestion and when a calf scours give in each pint or pound of milk, which should form the entire ration for a few days, one teaspoonful of the following mixture. Formaldehyde, half an ounce; freshly boiled cold water, fifteen and one-half ounces; mix. As improvement takes place also mix dried blood meal in the milk and gradually get the calves onto more solid food.




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You go straight to success if you hatch and brood right. Get machines that have proven worthy, not once but thousands of times.

## Successful Incubators and Brooders

are record makers. Nearest nature's own way. Self-operating in all things. Many thousands at work giving perfect satisfaction year after year. Get on the safe side. Incubator and Poultry Catalog Free Booklet, "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper 1 year, 10c. Send for these to-day. Des Moines Incubator Co., Dept. 50 Des Moines, Iowa. We have a full line of poultry supplies, poultry and eggs.




## New Sure Hatch Book

A new book, written to help MAKE POULTRY PAY BETTER. Off the press only a few days and at ready the talk of the poultry world. Has 102 large pages, with a wealth of illustrations. Filled to the brim with valuable information drawn from actual experience. Easy to read and understand. Tells all about the famous

### SURE HATCH INCUBATOR

How it is built; how it runs itself and pays for itself with one hatch! Sold under 5-year Guarantee, freight prepaid, for the low Sure Hatch price. Must do the work for you or we take it back at our expense. 110,000 in use, giving satisfaction. Write today for the new free Sure Hatch Book. Read it before you buy an incubator at any price. SURE HATCH INCUBATOR CO., Box 16, Fremont, Neb., or Dept. 16, Indianapolis, Ind.



## \$10

Buy a 240 Egg Incubator

120 EGG SIZE	\$6.50
60 EGG SIZE	\$4.00
100 CHICK OUTDOOR BROODER	\$5.00
100 CHICK INDOOR BROODER	\$4.00

**DON'T PAY HIGH PRICES**

When you can get Reliance Incubators and Brooders at the above figures. No other machines hatch or raise more or stronger chicks. They are sent complete. You pay for no extras. Send for Free Catalog, containing our guarantee of satisfaction of your money back, and explaining how we can undersell all competitors. Lists everything you need to succeed with poultry, at lowest prices. Reliance Incubator Co., Box 587, Freeport, Ill.



## \$11.75

Buy a 240 Egg Incubator. The surest and easiest hatch made.

### The Famous IDEAL INCUBATOR

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than 1? Let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's Free.

J. W. MILLER CO., Box 305, Freeport, Ill.



## \$17.00

Buy the Best 120-EGG Incubator

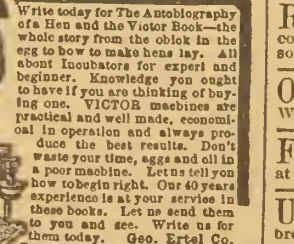
freight prepaid, ever made. Double cases all over - best copper tank; hot water; self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

Belle City Incubator Co., Box 52, Racine, Wis.




## Victor

Write today for The Autobiography of a Hen and the Victor Book—the whole story from the obit in the egg to how to make hens lay. All about incubators for expert and beginner. Knowledge you ought to have if you are thinking of buying one. VICTOR machines are practical and well made, economical in operation and always produce the best results. Don't waste your time, eggs and oil in a poor machine. Let us tell you how to begin right. Our 40 years experience is at your service in these books. Let us send them to you and see. Write us for them today. Geo. Ertel Co. Established 1867. Quincy, Ill.



## POULTRY PAYS

Our Book, "Poultry for Profit" showing 35 best paying varieties mailed for 10 cents. Delavan Poultry Farm, P. E. R. Goets, Manager, Box 35, Delavan, Wis.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### A NEGLECTED SOURCE OF INCOME.

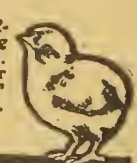
It would seem that the real value of feathers is unknown to the majority of poultry people. The old saying: "Many a little makes a mickle," is nowhere better exemplified than in the careful saving and sale of feathers. To illustrate this, we give the official quotations from South Water Street, Chicago, where probably poultry and poultry products are sold in greater quantities than anywhere else in the world. These are June quotations, and at certain seasons prices run higher, and seldom lower.

	Cents
Prime live geese feathers, white.	60 @ 62
Mixed gray geese feathers.	43 @ 44
All gray	38 @ 42
Old geese, according to quality.	20 @ 40
Mixed geese and duck.	35 @ 37
Duck feathers, white.	42 @ 44
Duck feathers, mixed.	32 @ 33
Old duck, according to quality.	15 @ 35
Chicken body, dry picked, prime.	3 1/2 @ 4 1/2
Green or musty.	3 @ 4
Dry, but quilly.	2 @ 3 1/2
Dry picked, quilly and damp.	1 @ 2
Scalded	1 @ 1
White chicken body, dry picked.	18 @ 19
Chicken and turkey body, mixed.	4 1/2 @ 4 3/4
Turkey body, dry and choice.	6 1/2 @ 7 1/2
Green and a little damp.	1 @ 1
White turkey body, dry, prime.	60 @ 70
Turkey tail, choice and clear.	30 @ 32
Tail, mixed with skirt feathers.	17 @ 22
Wing, from first two joints.	15 @ 16
Wing, tail and pointers.	12 @ 14
Wing and tail, clear.	18 @ 20
Wing and pointers.	10 @ 10
Pointers	7 @ 7

## REMOVAL SALE.

OF thoroughbred Fishel White Rock chickens. My fine flock of two hundred birds must all go at once, as I leave for Washington soon after January first. Also incubators, brooders and colony houses. Write for prices.

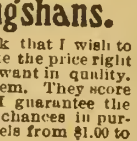
H. W. SEITZ, Allison, Iowa.



## Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90% to 95% at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unsoured cockerels from \$1.00 to \$1.50 each.

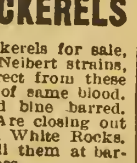
C. W. PHILLIPS. New Sharon, Iowa.



## BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains, Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fishel White Rocks. We have them and are going to sell them at bargain. Please notice change in address.

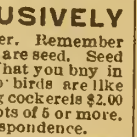
C. C. Drake & Son, LaHarpe, Ill.



## B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

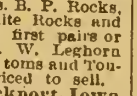
G. W. STOUT, Rose Hill, Iowa.



## FOR SALE: PURE Bradley Bros. B. P. Rocks.

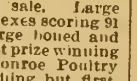
others from utility stock to show first pairs or breeding pens. Several fine S. C. W. Leghorn cockerels, Mammoth Bronze turkey toms and Toulouse geese of superior quality, priced to sell.

C. H. DRAKE, Stockport, Iowa.



## 400 Barred Plymouth Rocks for sale.

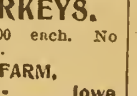
Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96% at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.



## WHITE HOLLAND TURKEYS.

10 FINE two-year-old toms, \$5.00 each. No White Wyandotte stock for sale.


FOREST HOME POULTRY FARM, Audubon, Iowa.



## 30 CHOICE Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

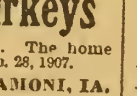
Address, JNO. C. MILLER, Harlan, Iowa.



## White Holland Turkeys

ALSO breeder of Duroc Jersey swine. The home of Ben Davis. Bred sow sale, Feb. 28, 1907.

J. S. TEALE, R. R. NO. 4, LAMONI, IA.

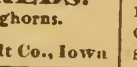


## RHODE ISLAND REDS.

Also High Scoring S. C. B. Leghorns.

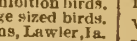
Write for prices.

P. H. THIEL, Renwick, Humboldt Co., Iowa.



## MAJESTIC BRONZE TURKEYS.

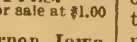
MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.



## SILVER LACED WYANDOTTES.

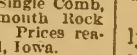
NICE LOT of young cockerels for sale at \$1.00 each, from good laying flock.

Wayside Farm, Mt. Vernon, Iowa.



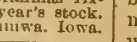
## ROSE COMB BROWN LEGHORN, Single Comb.

Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.



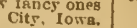
## OTTUMWA Poultry Yards. Light Brahmas Exclusively.

Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

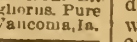


## FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each.

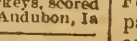
A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.



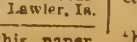
## UPLAND Poultry Farm stock for sale from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns. Pure bred, well-marked birds. Albert Huns, Wauconda, Ia.



## MAPLE GROVE Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. Turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia.

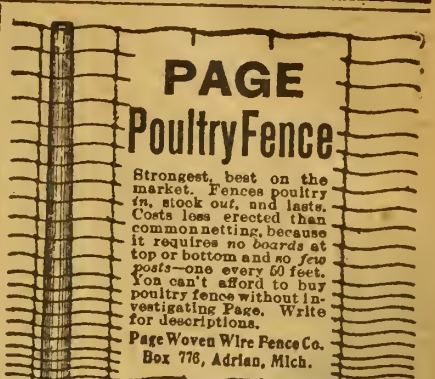


## S. C. B. LEGHORN cockerels and pullets for sale at reasonable prices; also M. B. Turkeys and B. P. Rocks. J. P. Eskildsen, Lawler, Ia.



## PAGE Poultry Fence

Strongest, best on the market. Fences poultry in, stock out, and lasts. Costs less erected than common netting, because it requires no boards at top or bottom and no kind of posts—one every 60 feet. You can't afford to buy poultry fence without investigating Page. Write for descriptions. Page Woven Wire Fence Co., Box 776, Arden, Mich.



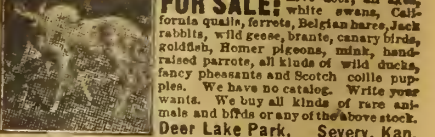
## GLANDT'S SANITARY HEN NEST

Makes chicken raising sure, profitable and easy. Lice prevented, setting hens separated from the layers. Ask for our free book. HAVILAND MFG. CO., Box 504, Davenport, Iowa.



## FOR SALE: Live deer, all ages.

for sale, quail, turkeys, white swans, California rabbits, wild geese, brant, canary birds, goldfish, Homer pigeons, mink, hand raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.



## Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatching machine. GEO. H. STAHL, Quincy, Ill.



of feathers should go to waste annually, in the poultry yards of our land. There is good money in the intelligent saving and preparation of the commodity which should be gathered in by the rank and file of our poultry raisers.

### Recent Experiments in Feeding Ducks.

The feeding and management of poultry has been studied by a number of the stations. In most cases the work has been confined to chickens, although some noteworthy investigation has been conducted with geese. Quite recently three of the stations have reported experiments with ducks.

The Michigan Station studied the comparative growth made by thirty-nine young ducks and the same number of chickens on similar rations. The ducks were two weeks old at the beginning of the test and were fed middlings, corn, and bran, together with the necessary grit and green food (lettuce), and were given the run of a small yard with a grass patch. The chickens were fed bran and relatively more corn meal than the ducks, but had no middlings. They were also given lettuce and allowed the run of a grass plot. Both chickens and ducks were given skimmed milk in addition to the other food. At the beginning of the test the ducks weighed 13.25 pounds and the chickens 7.5 pounds. In five weeks the ducks were nearly ready for the early market and had gained 108.75 pounds. They had eaten 41.3 pounds of corn, 93.1 pounds of middlings, 43.4 pounds of bran, 59 pounds of lettuce and 88 pounds of skimmed milk. The total cost of a pound of gain was 1.9 cents. In the same period the chickens had gained 22.5 pounds and had consumed 52.2 pounds of corn, 25.9 pounds of bran, 46 pounds of lettuce, and 44.3 pounds of skimmed milk. The total cost of a pound of gain was 4.84 cents. In discussing the profit corn and bran are rated at \$14 and middlings at \$15 per ton, milk at 20 cents per hundred, and lettuce at 1 cent per pound. The ducks gained much more rapidly than the chickens and the gains were more economically made. The chickens were not large enough for market at the close of the test and the feeding was continued for some time before they were sold.

At the North Carolina Station eighteen Pekin ducks were fed for fifty-six days from the time they were hatched. At the beginning of the test the total food consisted of 4.4 ounces of corn meal and an equal amount of bran per head daily, while at the close of the test 6 pounds 10 ounces of meal, 4 pounds 3 ounces of bran, and 3 pounds 5 ounces of bone were fed daily. In addition to the grain an amount of fine grit equal to one-sixth of the weight of the grain, and chopped green clover equal to one-

When writing please mention this paper



fourth of the bulk of the ration were also fed. All the feed was mixed with water to a crumbly mass and fed in troughs. No water was allowed except for drinking purposes. In this test corn meal, cut bone and grit were each rated at 1 cent per pound and wheat bran at .9 cent per pound. Account was also taken of the value of the clover fed, the eggs set, and the food of hens carrying the ducks. The ducks weighed 2 ounces when hatched, and 4 pounds 15½ ounces at the close of the test. The cost of a pound of gain was 5.05 cents; that is, the ducks cost on an average 25 cents to fatten and were sold for 50 cents each.

Experiments at the New York State Station already noted in this series of bulletins showed that ducks did not thrive and make rapid growth unless they were fed a considerable amount of animal matter, the most rapid and economical gains being made when from 40 to 50 per cent of the protein of the ration was supplied in the form of animal matter.—(Department of Agriculture Bulletin.)

"Out of fifty chickens that had the roup bad, some blind, we never lost one after using Walker's Roup Remedy." Mary Ann Orfield, Lamoni, Iowa. For trial send twenty-five cents for fifty-cent package. Walker Remedy Company, Lamoni, Iowa.

### POINTERS.

—Mr. D. H. Leshar, of Robins, Iowa, has some fine large-boned Mammoth Bronze turkey toms and some Barred Plymouth Rocks on which he is quoting very liberal prices.

### POULTRY.

#### For Sale—High Scoring Prize-Winning

BALTIMORE P. Rock cockerels and M. B. turkeys, both sexes. Toms weighing up to 25 lbs., \$5.00; pullets, \$3.00 each, two for \$5.00; trios mated, not akin, \$12.00; also 3 dozen B. P. R. hens at \$10.00 per doz. Address, M. V. Leeper, Redfield, Iowa.

HIGH-SCORING POULTRY—Barred Rock cockerels \$1.00 to \$1.50; Pekin ducks, \$3.00 trio; Toulouse geese, \$6.50 trio; Fox Terrier dogs, \$3.00 to \$10.00 each. Stamp for reply. Address, J. O. Walton, Belle Plaine, Iowa.

PRIZE-WINNING Light Brahmas, scored by Judge Russell. Scored cockerels, \$2.00; unsexed birds, \$1.00. J. Q. Swallow, Box 89, Nodaway, Iowa.

MAMMOTH W. Holland turkeys. High scoring breeding stock; also Pekin ducks, Rouen strains. Prices reasonable. Mrs. J. H. Richardson, Bristow, Ia.

SILVER-LACED Wyandotte cockerels, scoring 90½ pt., \$1.25 each; 91 pt., \$1.50; 92½ pt., \$1.75; 92 pt., \$2.00. John A. Johnson, Route 1, Dayton, Iowa.

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. It. D. 1, Grundy Center, Iowa.

PURE Bred Barred P. Rocks, scoring 83 to 92½. Choice cockerels, cockerel and pullet matings. Eggs in season. Mrs. H. Van Der Wert, R. 2, Lacey, Ia.

SILVER-LACED Wyandottes, Steinmesch strain, some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Bedford, Iowa.

BUFF ROCKS For Sale.—150 pullets, hens, cocks and cockerels, scoring from 90 to 92½ points, at reasonable prices. Mrs. Chas. Steddom, Lacey, Ia.

CHOICE S. L. Wyandotte cks, W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eygabroad, R. 1, Grundy Center, Ia.

CHOICE B. P. R. cockerels, Bradley and Thompson strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

FOR SALE—150 thoroughbred Mammoth Bronze turkeys. Large bone, well marked. Toms, \$5 each, hens, \$3. C. M. Snyder, R. 4, Corydon, Iowa.

MAMMOTH White Wyandotte cockerels and Buff turkeys, true to color and large size, at reasonable prices. Mrs. L. C. Dennison, Arbela, Mo.

UPLAND POULTRY FARM—Stock for sale from Light Brahmas, Rhode Island Reds and R. C. B. Leghorns. Albert Haus, Waucoma, Iowa.

FINE, large-boned Mammoth Bronze turkey toms at \$5.00 each. Burred P. Rocks at \$1.00 to \$3.50 each. Write D. H. Leshar, Robins, Iowa.

MAMMOTH B. turkeys, both sexes, B. Langshans. Cockerels, scored and unsexed. Also Pekin ducks. Mrs. A. Kison, Audubon, Iowa.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

BARRED Plymouth Rock cockerels, farm raised, large, vigorous birds, good shape and color, \$1.25 each. G. F. Piper, Dexter, Iowa.

FOR SALE: A FEW MAMMOTH Bronze turkey toms, key toms of the Giant strain. S. O. West, Berwick, Iowa.

BARRED ROCKS, Buff Cochins, scoring 89½ to 94. Scored and unsexed birds. Write your wants to Ida Hepp, Gray, Iowa.

### DOGS.

#### I Have Some Extra Fine Fox Terriers

NICELY broken, also young stock, both sexes, all guaranteed to be extra good rat dogs. Also our broken Collie bitch for \$15, or will exchange for S. C. White Leghorn hens or pullets.

C. H. DRAKE, Stockport, Iowa

CHOICE Scotch Collie pups, three months old, shaggy and white, natural drivers, alive and dam registered, price \$5. At stud Hope III 100416, son of the world famous champion Wellbourne Hope, 100416. Bred and raised by S. C. White Leghorn, 100416. Bred and raised by S. C. White Leghorn, 100416. Bred and raised by S. C. White Leghorn, 100416.

THOROUGHBRED fox, wolf andcoon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

In his advertisement, which will be found on this page of The Homestead.

—Mr. W. O. Fritchman, of Muscatine, Iowa, breeder of Light Brahmas for the past twenty-five years, has an advertisement on this page of this issue.

—Mr. O. M. Healy, of Bedford, Iowa, has some big, strong, Silver Laced Wyandotte cockerels for sale as per advertisement on this page of The Homestead.

Mr. John A. Johnson, of Dayton, Iowa, is offering Silver Laced Wyandotte cockerels, scoring from 92½ to 92 points, for sale in his advertisement that appears on this page.

—Mr. Albert Haus, of Waucoma, Iowa, has stock for sale from his Upland Poultry farm of Light Brahmas, Rhode Island Reds and Rose Comb Brown Leghorns. His advertisement appears on this page.

—Mr. F. E. Wadsworth, of Alta, Iowa, is offering Barred Plymouth Rock cockerels for sale in his advertisement that appears on this page. He will also have eggs for sale this season. He solicits correspondence.

—Mrs. Charles Steddom, of Lacey, Iowa, is offering Buff Plymouth Rocks for sale, both hens and cockerels, scoring from 90 to 94½ points, in her advertisement that appears on this page of The Homestead. Mrs. Steddom will sell them at reasonable prices.

—"My pure-bred Silver Laced and White Wyandottes are in fine condition," writes Mrs. J. W. Bloxham, of Grundy Center, Iowa, in furnishing advertisement found on this page, "as are also my ducks and geese and I shall be pleased to fill orders for those wishing anything in my line, and shall do my best to please my patrons."

—Mr. O. J. Viland, of Slater, Iowa, has an especially good lot of Barred Plymouth Rock cockerels of the famous Eclipse strain which he is offering for sale at prices named in his advertisement found on this page. These cockerels were scored by Judge Todd, who pronounced them excellent breeding stock. Mr. Viland considers them the best he has ever raised.

—Mrs. Ida Hepp, of Marion, Iowa, is offering Barred Plymouth Rocks, and Buff Cochins for sale in her advertisement appearing on this page. She writes: "I am offering some very choice birds in Barred Rocks and Buff Cochins. The Barred Rocks go as high as 94 points. The judge that scored my stock said that they were as large and good as any he had seen this year."

—The advertisement of Mrs. L. C. Dennison, of Arbela, Mo., appears on this page of The Homestead. In furnishing copy she writes: "My Wyandottes are large, white, and healthy. They are sired by a twelve-pound cock. In Buff turkeys I have a fine flock of seventy-five, not one with white wing or tail feathers. They are large and very quiet, never roaming from the farm."

—Mrs. J. H. Richardson, of Bristow, Iowa, in furnishing copy for her advertisement appearing on this page, writes: "Our White Holland turkeys are exceptionally fine this season. By careful selection of breeding stock we have obtained larger bone and kept up the quality." Mrs. Richardson is also offering Pekin ducks for sale of the Rankin strain. Her prices will be reasonable.

—Mrs. R. Van Der Wert, of Lacey, Iowa, has pure-bred Barred Plymouth Rocks which she is offering for sale in her advertisement on this page. In furnishing copy Mrs. Van Der Wert says: "I have nothing but scored birds on my farm. They score from 88 to 92½, several of them as high as 90 points. I have nothing but Barred Plymouth Rocks of the pure Bradley and Latham strains."

—Mr. J. Q. Swallow, of Nodaway, Iowa, in furnishing copy for his advertisement found on this page writes: "The Light Brahmas that I am offering are first class. Judge Russell scored stock for us last year at the interstate show and gave me first on pen; this year at the Villisca show, Mr. Russell gave me first on cockerel scoring 92½ points; first on pullet scoring 92½ and first on pen. My stock was sired by a 92½ yearling cock. I have as good birds this season as I have ever raised and this is my thirtieth year in breeding Light Brahmas. I guarantee satisfaction."

—Mr. Guy W. O'Fall, of Prairie City, Iowa, is offering some extra good Mammoth Bronze turkeys from high-scoring stock. His advertisement is found on page — of this issue. His yearling tom weighs forty-five pounds and scores 96, and some of the young stock scored as high as 96½ by Mr. A. L. Pedrick. One of his customers, Mr. B. W. Brown, of Prairie City, writes Mr. O'Fall as follows: "I have been buying and shipping poultry for thirty-seven years, but want to say to you that the three hen turkeys you recently delivered to me are the largest and finest that I have ever handled. They weigh, respectively, twenty-five, twenty-six and one-half and twenty-seven and one-half pounds."

—Messrs. Strater Bros., of Monroe, Iowa, in furnishing copy for their advertisement that appears on this page of this issue, write: "We have as fine a lot of Barred Plymouth Rocks and Mammoth Bronze turkeys for sale as we ever raised. We made an exhibit at the Central Poultry Show at Monroe, Iowa, December 10th to 14th; showed seven turkeys winning seven ribbons with twenty in competition. On Barred Rocks we won first, second, fourth and fifth on cockerels; third and fourth on pullets; first on breeding pen, eleven pens competing. We also won special on best cockerels, three specials on best breeding pen and special on the greatest number scoring 90 and over, all breeds competing. We also had the greatest number of birds standard weight."

—Mr. M. V. Leeper, of Redfield, Iowa, whose new advertisement appears on this page, in furnishing copy for the same writes: "My cockerels are a prize-winning, uniform lot of birds this season. At the Lohrville (Iowa) Poultry Show November 27th to December 1st, Warnock, judge, I exhibited twelve birds, and in a class of 113 Barred Plymouth Rocks I won first on cockerel, 92; second on cockerel, 91½; third on cockerel, 91½; fourth on cockerel, 91, and fifth on cockerel, 91. First, second, third, and fourth on pullets, 92½, 92, 92 and 96½ points; hen 90½. First on pen, 184 1-16, almost a clean sweep, losing out on fifth pullet only in strong competition. All of these cockerels are now for sale, together with fifty others from same mating, also thirty fine Mammoth Bronze turkeys."

# ONLY \$12<sup>75</sup>



## 230 Egg Incubator

For This **ROYAL** (You Can't Get a Better At Any Price.)

Understand our proposition: We pay the freight anywhere East of the Rockies; we give you a fair and square trial; we give you a bank guarantee; and we promise you that the Royal, with ordinary attention will do perfect work. Don't confuse it with "cheap" incubators; it is strongly built; will last a lifetime; automatic control of heat; perfectly ventilated and hatches the eggs. Don't make the mistake of buying until you investigate our special offer. Handsome catalog of incubators, brooders, poultry supplies, eggs for hatching and fine poultry FREE. Practical Book, "Care of Chicks, Ducks and Turkeys," 10c, standard 50c Poultry Paper one year 10c.

ROYAL INCUBATOR CO., Drawer 755 DES MOINES, IOWA.

## HATCH ALL Incubators Will Hatch Your Eggs

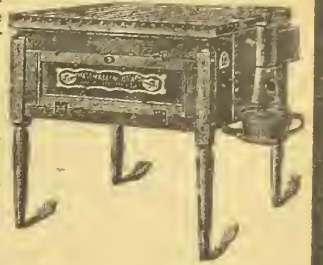
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., BOX 8, HEBRON, NEB.



## INCUBATORS 40 DAYS FREE TRIAL

The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

GUARANTEED FOR 10 YEARS Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not all we claim return it at our expense. Write for complete FREE catalog of Great Western Incubators and brooders.

GREAT WESTERN INCUBATOR CO. 914 Liberty St. Kansas City, Mo.

## AMERICAN INCUBATOR

SPECIAL 240 Egg size \$11.00 120 Egg size \$7.50 60 Egg size \$6.00

Brooders too low to price here. Iron bound. Personal guarantee of their superiority. All about the best incubators, brooders, poultry and Poultry Supplies, with prices, in our free book. American Incubator Co., Box 112, Freeport, Illinois.

## MAKE GOOD MONEY

In Poultry business. Others do it. Why not you? Our big illustrated book, "Profitable Poultry," tells how to breed, hatch, feed, grow and market to make lots of money. Starts you on the road to success. Describes most wonderful Poultry Farm in the world—32 kinds of fowls. Gives lowest prices on fowls, eggs, incubators, everything for Poultry. Mailed for 4 cents in postage. Berry's Poultry Farm, Box 112, Clarinda, Iowa.

### POULTRY.

#### Barred Rock Cockerels.

AM offering an especially good lot of cockerels of the famous Eclipse strain, scored by Todd and pronounced excellent breeding stock. In fact, they are the best I ever raised, prices ranging from \$1.50 to \$3.50. O. J. Viland, Slater, Iowa.

40 BREEDS Fine pure bred chickens, ducks, geese and turkeys. Northern raised, hardy and very beautiful. Largest poultry farm in the northwest. Fowls, eggs and incubators at low prices. Send 4 cents for fine 76-page catalog. R. F. Neubert, Box 507, Mankato, Minn.

#### STRATER BROS., Monroe, Iowa.

BREEDERS of monster M. B. turkeys and Barred Plymouth Rocks exclusively, for 27 years. 300 head for sale. At the recent Central Poultry Show at Monroe, 1906, we won seven prizes on turkeys and twelve on B. Plymouth Rocks. Prices reasonable.

#### Mammoth Bronze Turkeys.

HIGH SCORING young stock for sale. Score cards furnished. Address, GUY W. O'FALL, Prairie City, Iowa

SINGLE COMB W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

40 BREEDS hardy northern raised thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. R. R. Neubert, Mankato, Minn.

BARRED Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa

WHITE P. Rocks, B. Langshans, S. L. Wyandotte cks, scored and unsexed. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

50 BUFF TURKEYS, both sexes, also some good W. P. Rock cockerels. Prices reasonable. Lloyd Peterson, Corning, Iowa, Route 3, Box 21.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

### POULTRY.

#### BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c. FRANK FOY, BOX D, DES MOINES, IOWA.

#### B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, Palo, Iowa

#### 75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellabarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, Montezuma, Iowa

#### Choice, Young Pure White Holland Toms

Weighing 20 to 25 lbs. for sale at \$5.00 EACH.

Address, B. F. CLARK, Albia, Iowa

SINGLE Comb Brown Leghorn cockerels, hens and pullets and Pekin ducks for sale. Won two 1st, two 2d, 4th and 5th, and 2 specials, at \$1.00 each. Address, Mrs. H. L. Jones, Montezuma, Iowa.

RHODE-ISLAND Red, rose comb, cockerels for sale. Strictly choice stock from prize winners. Iowa Poultry Yards, Gilmore City, Iowa.

MAMMOTH Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fifteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

#### ROSE COMB WHITE LEGHORNS.

M. T. McEvoy, Emmetsburg, Iowa

WHITE Wyandottes, both sexes. Scored and unsexed cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

WHITE Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa

#### Muscovy Ducks For Sale, \$3.00 a Pair.

Mrs. T. W. Glass, Route 4, Sac City, Ia.

FANCY White Holland Turkeys, best thorough bred stock at \$3.50 for gobblers and \$2.50 for hens. Mrs. C. E. Couger, Bristow, Iowa.

S. C. BROWN LEGHORN, S. C. White Leghorn, and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

BUFF Rock Cockerels for sale. A few fine ones at \$1.50 to \$5.00 each. Buff to skin. Mrs. J. J. Rink & Son, Shelby, Iowa.

LEGHORNS Both white and brown. Cockerels, \$1.00 each, \$1x for \$3.00. Address, Barker Bros., Indianola, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. L Cockerels and pullets for sale. Oren J. Spall, Box 7, Pleasantville, Iowa.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

PULLETS, Single Comb Brown Leghorn, scored and unsexed, also cockerels. Mrs. Geo. Manning, Birmingham, Iowa.

FINE Partridge Cochins; also trio White Holland turkeys, "good enough for show room," \$30. Floy Collins, Viola, Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

75 SINGLE COMB Brown Leghorn cockerels, early hatch, 75c. and \$1.00 each. Mrs. Will Michael, Selma, Iowa.

FINE, LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.



**COILED SPRING FENCE**

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high, Bull-strong, Pig-tight. Every rod guaranteed. **30 DAYS FREE TRIAL** and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free.

**KITSELMAN BROS.,**  
Box 290, MUNCIE, INDIANA.

## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 627, Kansas City, Mo.

## WITH THE EDITOR.

Sometimes it would be vastly better if a minister read a really good sermon by some one else instead of grinding out his own stuff. I have had this thought burned into my heart as I have sat listening to tedious, uninteresting sermons. It has taught me a lesson.

It has always seemed to me that the first editorial of the New Year should be of a special character, that it should set forth ideals and provoke to larger life. While I was casting about, deciding upon my New Year message to the Home I chanced upon an article by John Milton Scott entitled, "The Symbol of the Circle, Its Lyrics and Its Lessons," reprinted from the New York Magazine. As I read I said, "Here is my message, the very things I want to say said so tersely the thoughts cling like nails sent home with strong blows." It is not difficult to anticipate what followed. I promptly decided that extracts from the article should be presented to the Home. I ask for this article an unusually careful reading. It contains sentences which might well be blazoned on the walls of every home in the land. I would that some of its thoughts might be graven upon the tables of our hearts. To drink in its truths and resolve to make them the governing principles of our lives is to insure that 1907 shall be in very deed "A Happy New Year."

"The circle! Have you thought of it? The round apple?—and is there a fruit that grows which does not curve itself to the circular truth of the earth? The round tree? And does not every flower arrange its petals to the magic of a circle? The round earth, and in the sky the round moon and the round sun. The body of a man conforms to the earth's curvature. And the head which thinks, the heart which loves, are they not fashioned upon the sweep of the curve which is the prow of Beauty and her wake as she thrills across the waves of this world? From this sign manual of Beauty have the mountains escaped, or the seas? Are they not signed with her water-mark, which can not be denied except they be destroyed?"

"Search for the circle and see it everywhere. Is not everything just some modification of it? Is not the infinite variety of form in nature but the infinite modification of the idea of a circle? Some form of it everywhere! The clover nods it to you in pink, and the bee flying to the clover's bosom wings it to your studious eye in black and gold. Gather together all the leaves of the summer, and from every line and lineament of them they laugh the green truth of the circle into your eyes, which circle back to them again their smiling answer. The oak's heart is this, as the dimpled laughter of babes. It is in the bird and the bird's flight, and could you see the bird's song it were a replication of rivers and seas, or the circling waves of still waters when swallows dip into them for a drink. Will not the mathematicians tell you that to draw a perfectly straight line is an impossibility? Push on your straight line upon the earth's surface, and it will drop into a curve and come running again into itself. See if you can escape the curve. Search and see if it is not as impossible to escape it as it was impossible for the psalmist to escape God. Search yourself and see if it is not as impossible for you to run away from it as it is for you to run away from yourself. And the circling year, does it not always come running back into itself for renewal—laughing back into itself with the laughter of spring blossoms and bird songs?"

"And now some of this truth's practical meanings to us. Each thing that goes forth from us must return again into us. In what I send forth I determine what will return. In its quality I enrich myself or impoverish myself, I honor myself or degrade myself. I cover myself with shame or bring glory to shine about and upon me. I am my fate. I determine my destiny. I am my own devil, tormenting. I am my own God, blessing. If I send forth gentle thoughts, they will come back to me again, making me great. If I send forth thoughts of wrath, their lightning strokes will

**THE OLD RELIABLE**  
**..Anti-Friction Four Burr Mills..**  
Double the Capacity of other Mills.  
TWO HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.  
30,000 Bu. With One Set of Burrs.  
I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.  
Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog.  
Bovee Grinder & Furnace Works, Waterloo, Ia.

**RAW FURS AND HIDES**  
Established 1886,  
and now the largest Hide and Fur House in Iowa. Fair dealing has been our winner. Write for Price Lists and Shipping Tags.  
**C. L. PERCIVAL CO.,**  
1102 Cherry St., Des Moines, Iowa.

**GLOBE TANNING & MFG. CO.**  
222 S. E. 1st St. Des Moines, Ia.  
WE ARE TANNERS of all kinds of hides, both with hair on and off. MAKE COATS AND ROBES. Send us your cattle and horse hides. Write for shipping tags and booklet.  
Jacob Bayer and J. A. Smith, Props.

Highest Prices and Prompt Remittance  
GUARANTEED if you ship us all your Hides, Furs, Pelts, Wool, etc. We pay same day as goods are received. Try us! We must treat you right if we want to keep you as a shipper. Write for price list and tags.  
**BERMAN BROS., 325 1ST ST. S., MINNEAPOLIS, MINN.**

**HEAVIEST FENCE MADE**  
No. 9 Steel Wire. Weighs 1/2 more than most fences. A fence that will not rust.  
15c to 35c Per Rod.  
**BROWN FENCE**  
Send for Fence Book showing 133 styles. Brown Fence & Wire Co., Cleveland, O.  
WE PAY FREIGHT

**Ornamental Fence**  
Cheaper than wood—for lawns, churches and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue Free.  
**WARD FENCE CO.,**  
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**FENCE Strongest Made**  
Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalogue shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today.  
**COILED SPRING FENCE CO.,**  
Box 20, WINCHESTER, INDIANA.

**DON'T RUST FENCE**  
Galvanized so heavily can't rust. 40 Carbon Spring Steel. No agents. 30 days free trial. Farm and Poultry Fence Catalogue No. 57. 40 Styles Lawn Fence. Catalogue O. One or both free.  
**THE WARD FENCE CO.,**  
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**Anchor Fence**  
Is best adapted for the farm because no experience is required to erect it and the item of repairs is eliminated. Send for free fence book 12.  
**Anchor Fence & Manufacturing Co., Cleveland, Ohio.**

**MANLOVE Automatic Gate.**  
Always in order. Saves time, adds to convenience, safety, value and beauty of home.  
**MANLOVE GATE CO., 271 E. Huron St., Chicago**

**DON'T RUST FENCE**  
40 Carbon Spring Steel. Extra heavily galvanized. No Agents. 30 days free trial. Farm and Poultry Fence Catalogue No. 140. Also 40 Styles Lawn Fence. Catalogue O. Catalogue Free. Write for one or both.  
**THE WARD FENCE CO.,**  
Box 404, MARION, INDIANA

**BOWSER SWEEP MILLS**  
Different from all others. 4 or 8 horses. Geared 16 to 1 or 1 to 1. Grind Corn with husks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.)  
**E. N. P. Bowser Co., South Bend, Ind.**

**FARM TO TANNERY**  
**HIDES ALSO PELTS**  
**FURS, WOOL, TALLOW**  
Every Farmer, Butcher and Merchant wants to obtain the highest market prices for his Hides, Pelts, Furs, Wool and Tallow. This is only possible when you ship direct to Tanners. We are large tanners and propose to pay full market value for all shipments; "No shipments too large or too small." We guarantee fair and liberal treatment to all. We were established 1865 and our growth since has been phenomenal. Our facilities are unsurpassed and our reliability thoroughly established, prompt pay being thus assured. Write for our folder, "How to Prepare Hides and Furs for Market." It's FREE, also tags and price list. **J. S. SMITH & COMPANY, Dept. 16, Chicago.**  
BRANCHES: Minneapolis, Minn.; Omaha, Neb.; Kansas City, Mo.; Sioux City, Iowa; Denver, Col.; Grand Island, Neb.; Hastings, Neb.; Springfield, Mo.; Boise, Idaho; Pocatello, Idaho; Indianapolis, Ind.; St. Cloud, Minn.; Portland, Oregon; Los Angeles, Cal.

**14 INCH DOUBLE SHIN STEEL BEAM PLOW \$8.65**  
Made of the best Soft Center Steel all over; highly tempered, finely polished in oil. Guaranteed to satisfy you or money refunded. All sizes, from 6-in. to 18-in. Send for Extra Share \$1.75  
big free catalogue of Riding Plows, Disc Harrows, Listers, Cultivators, everything in the Implement Line; Buggies, Wagons, Harness, Steel Ranges, Sewing Machines, and a thousand other things sold to you direct at wholesale prices. Write now; tell us what you want and get ready for spring work. With Plow \$1.25 **HAPGOOD PLOW CO. 386 Front St. Alton, Ill.**  
12 in. Hard Steel Castor-Coulters. 13 in. " 1.50 The only Plow factory in the United States selling direct to the farmer.

**SHIP US YOUR Hides, Fur, Tallow, Pelts, Wool, Ginseng and Seneca. Buy Guns, Traps, Decoy, etc. of us. Write for price list catalogue and shipping Tags. Mention this Paper.**  
**NORTHWESTERN FUR COMPANY**  
WE GIVE more information on Hides, Furs, etc. than any other house in the world and pay Highest Cash Prices day received.  
**NORTHWESTERN HIDE & FUR CO.**  
290 204 1ST ST. N.W. MINNEAPOLIS, MINN.

return to me, blighting my fairness. If I send forth love, it will shine far enough to shine upon me again with all the beautiful increase it has gathered from all the beautiful hearts through which it has passed. If I send forth truth, it will return again in such a great faith-keeping that no falsehood can defeat me. If I send forth deeds of kindness, they will return in a great laughing company which they have loved into their fellowship.

"As ye do unto others it will be done unto you. As ye do unto others ye are doing unto yourself. Do a mean thing, and in the griefed face of your friend or the fierce face of your foe is not its deepest register. Let the mirror reveal to you your own face, and through it look deep into your own soul and, beholding how ugly you have made yourself, shrink from the horror of meanness. When you have done a noble thing, not there in the happy face of a brother may you see its greatest glory. Cast your vision into your own depths, and lo! it is dawn, and the birds of your bliss are at their song, and your being's day greatness among its fellows fashioning your years.

"You are the center of your world. Into that center return the harvests you have sown on all the furrows of life. Nothing of our lives perishes, ceasing to be. Into us everything returns for renewal as the year into its spring. As we live we create ourselves. We are in the image and likeness of our years. Only can we become a beautiful self as we live a beautiful life. As we express we impress, bearing with us the indelible charm of all we have felt and thought and said and done through these multiplying years. We are the autumn of our years. Rounding and ripening into us come all our seasons, all our branches and vines. We are the soul of our years, resurrected and living mortally after they have ceased in dust.

"Oh, wonderful circle, which returns to me everything! Nothing lost. No one perished. No beloved of my soul absent. Each seed of my sowing laughing its autumn gold into my soul's great eyes. "But my evil, you say? The wrong

Send your HIDES to  
**BAYER TANNING CO.**

to be tanned for Robes, Coats, Rugs, Harness and Lace Leather. Practical and Technical knowledge of Tanning. Superiority in workmanship and finish makes our work the kind YOU want. Write for new booklet and price list.

**BAYER TANNING COMPANY.**

Dept. "12"  
**Des Moines, Iowa.**

**WE ARE CUSTOM TANNERS** of the Famous Galloway cattle hides for Robes and Coats. We complete a coat from a 65-lb. beef hide for \$10. We tan, dress, deodorize, color or blend. Fox, Coon, Muskrat, Mink, Opossum, Squirrel, Martin, and manufacture into Muffs or Ladies' Furs.  
**W. W. WEAVER,**  
Reading, Michigan.

I have done? My untruths spoken and lived? My unkindnesses? My cruelties? My deeds of shame? Blessed circle still! . . . I can take my falsehood, come home again, and destroy it out of the universe with my truth. I can take my wickedness and overcome it with my righteousness until there is only the beauty of holiness. I can take my injustice and judge it with a righteous judgment until my skies clear of the fetid storm. I can right my wrongs. I can gentle out my unkindness. I can love out my cruelties. I can overcome all my evil with my good. I can forgive my sins in the sunshine of my holiness, when to look for them would be like searching for the dark with a candle. In my heavens will cease my hells, as discords are played out by great orchestras."

**HOME AND HOME MAKING.****LITTLE HELPS BY THE WAY.**

I hold this truth— whoever wins Man's highest stature here below Must grow, and never cease to grow—



For when growth ceases, death begins.  
—Alice Cary.

"Greatly begin! Though thou hast time  
But for a line, be that sublime.  
Not failure, but low aim is crime."

There are two kinds of people in the world  
—those who are always getting ready to do  
something, and those who go ahead and do  
it.

#### THOUGHTS ON HAPPINESS—TIMELY HINTS FOR 1907.

Perhaps this is as good a recipe for hap-  
piness as one needs:

"What does you do when you see Trouble  
comin'?"

"Well, suh, I meets him half way, sets  
down in de sand wid him, an' teaches him  
ter pick de banjo."

Few men are as happy as their neighbors  
think them, or as miserable as they believe  
themselves to be.

"I'd like to remark," said Uncle Hiram,  
"that this world would be a whole lot happier  
if people would buy grapes and jelly for the  
sick with the money they usually spend on  
flowers afterward."

#### OPTIMISM.

Get all the good there is today;  
Don't fret about tomorrow.  
There's trouble 'round us all the time,  
What need is there to borrow?  
The wise man gets what joy he can,  
And leaves the fool to his folly.  
He knows too much to waste his life  
In gloom and melancholy.

Look on the bright side every time,  
Don't waste your days repining.  
When any cloud looks dark and dull,  
Turn out the silver lining.  
Be wise! Be cheerful, bright and glad.  
Leave to the fool his folly,  
And let your motto be: "Cheer up!"  
Your rule of life: "Be jolly!"  
—Somerville Journal.

#### TASTEFUL DRESSING.

A woman's figure has two possibilities. It  
can be dressed to look its best, or it can be  
dressed to look its worst. Sometimes the  
slightest alteration in a toilet improves the  
effect immeasurably. For example, it is a  
common fault in dressing women who are  
stout and short to make their waists too  
long. If a woman is short her waist line  
should be kept where it will give the great-  
est possible length of line from the waist  
line to the bottom of her skirt. It is a mis-  
take to put a wide girdle on a short woman,  
and such girdle as there is on the dress  
should be of the same color as the skirt, and  
should reach up over the waist and not down  
over the skirt.—L'Art de la Mode.

#### ILL EFFECT OF SHABBILY DRESSED FEET.

Just the other evening a young woman  
called; she had a pretty face, her hair was  
becomingly arranged and she wore a beau-  
tiful costume of silk trimmed in dainty lace;  
she had a good figure, her dress fitted well,  
and as she walked across the room she made  
a very attractive appearance. But when she  
was seated the long skirts were drawn aside  
revealing a cheap, ill-fitted pair of shoes,  
slouched out of shape and scuffed from long  
wear. Somehow or other the attractiveness  
of the woman vanished.

A cheap shoe is poor economy. Better get  
a good shoe, good material and well made.  
It will wear far longer and will retain its  
shape, while a cheap shoe soon loses its  
shape and in a short time is not fit to be  
worn.

It is a good idea always to have two pairs  
of shoes and wear them alternately. This is

## Save Money

By being thoroughly  
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You can learn all  
about telephones  
simply by sending us  
your name on a pos-  
tal card, or signing  
the attached cou-  
pon and mailing it  
to us. Will send you  
books that tell you  
how to organize a

rural party line, how telephones are  
made and how to put in the system.  
Also clearly illustrated that the man  
that knows nothing about telephones  
can understand.

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We want you to see a copy of our  
free policy insuring telephones  
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our bond guaranteeing best work-  
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We have all the latest improvements.  
Let us put our experts right at your  
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#### WRITE TODAY.

(Mark an X before the name of the book  
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Chicago Telephone Supply Co.,  
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Please send me your book

"Telephone Lines and How to Build Them."  
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O. L. Chase  
St. Louis, Mo.

# I Am the Paint Man

2 Full Gallons Free to Try—6 Months Time to Pay

I Guarantee Freight Charges.

I AM the paint man.  
I have a new way  
of manufacturing  
and selling paints. It's  
unique—it's better. It  
revolutionized the paint  
business of this country  
last year.

Before my plan was  
invented paint was sold  
in two ways—either  
ready-mixed or the in-  
gredients were bought and mixed by the painter.

Ready-mixed paint settles on the shelves, form-  
ing a sediment at the bottom of the can. The  
chemical action in ready-mixed paint, when  
standing in oil, eats the life out of the oil. The  
oil is the very life of all paints.

Paint made by the painter cannot be properly  
made on account of lack of the heavy mixing  
machine.

My paint is unlike any other paint in the world.  
It is ready to use, but not ready-mixed.

My paint is made to order after each order is  
received, packed in hermetically sealed cans  
with the very day it is made stamped on each  
can by my factory inspector.

I ship my thick pigment, which is double  
strength, freshly ground, in separate cans, and  
in another can I ship the pure, old process  
Linseed Oil—the kind you used to buy years ago.  
Any child can stir them together.

I sell my paint direct from my factory to  
you pay no dealer or middleman profits.

#### My \$100.00 Cash Guarantee

I guarantee, under \$100 Cash Forfeit,  
that the paint I am offering you does  
not contain water, benzine, whiting, or  
barytes—and that my Oil is pure, old-  
fashioned linseed oil and contains ab-  
solutely no foreign substance whatever.

I guarantee the freight on six gallons or over.  
My paint is so good that I make this wonder-  
fully fair test offer:

When you receive your shipment of paint,  
you can use two full gallons—that will cover  
600 square feet of wall—two coats.

If, after you have used that much of my  
paint, you are not perfectly satisfied with it in

every detail, you can return the remainder of  
your order and the two gallons will not cost  
you one penny.

No other paint manufacturer ever made such  
a liberal offer.

It is because I manufacture the finest paint,  
put up in the best way, that I can make this  
offer.

I go even further. I sell all of my paint on  
six months' time, if desired.

This gives you an opportunity to paint your  
buildings when they need it, and pay for the  
paint at your convenience.

Back of my paint stands my Eight-  
Year officially signed, iron-clad  
Guarantee.

For further particulars regarding my plan  
of selling, and complete color card of all  
colors, send a postal to O. L. Chase, St. Louis,  
Mo. I will send my paint book—the most com-  
plete book of its kind ever published—absol-  
utely free. Also my instruction book entitled  
"This Little Book Tells How to Paint" and  
copy of my 8-year guarantee.

O. L. CHASE, The Paint Man.  
Dept. 27 St. Louis, Mo.

not only better for the shoes, but it is also  
restful to the feet.

#### LET YOUR LIGHT SHINE.

The wick, to begin with, should hang  
straight down in the oil. Then the oil will  
pass up more freely to the flame, and a  
better light will be obtained.

The wick should be cut with as thin an  
edge as possible. If it has a broad burning  
surface at the top the flame will be yellow  
instead of white.

The chimney should fit tight to the brass  
burner, so as not to let air in where air is  
not wanted.

The holes at the bottom of the burner  
should be kept open, so as to let plenty of  
air in where air is wanted.

The wick should not be turned so high  
that it will char or smoke.

An old chimney lets a better light through  
than a new one, and a shallow bowl lamp is  
better for poor grades of oil than a deep  
bowl lamp.

#### SOME PUBLIC SCHOOL "EXCUSES."

The following curious "excuses," it is said,  
were actually given to the teachers by pupils  
of an East Side public school in New York:  
Frank could not come for 3 wks because  
he had amonia & information of the vowels.  
If Louis is had please lick him till his eyes  
are blue. He is very stubborn. He has a gr.  
deal of mule in him. He takes after his  
father.

Please ex. Henry for not coming to school  
as he died from the car run over on Tues-  
day. By so doing you will greatly oblige his  
loving mother.

You must stop teach my Lizzie fisal tor-  
ture, she needs yet reading & figors mist sums  
more as that, if I want her to do jumpin I  
kin make her jump.

Please excuse my Paul for hein absent he  
is yet sick with dlpterry & der doctors dont  
tink he will discover to oblige his loving aunt  
Mrs. I am his mother's sister from  
her first husband.

#### AMONG OURSELVES.

"Happy New Year" to you all, friends.  
Perhaps I said it last week, but it is  
the sort of thing that bears repeating.  
And I would follow the wish with a  
toast. Here's

My love to all those that I love;  
My love to all those that love me;  
My love to all those that love those that I  
love,

And to those that love those that love me.  
These pretty lines, graven in black  
upon a brass plate, hang in the recep-  
tion hall of my home, just above a  
"House Blessing" which reads: "The  
beauty of the house is order, the bless-  
ing of the house is contentment, the  
glory of the house is hospitality, the  
crown of the house is godliness." As  
hostess in this great newspaper home  
I greet you with this toast and this  
blessing, both of which I would have  
blazoned on our threshold during all  
the days of the year upon which we  
have just entered. And so once again  
"Happy New Year."

Mrs. Anne C. Newbigging brings for  
our meeting today some lines she has  
written, which are rarely appropriate  
at this beginning time. She will read  
them for us:

O it was a beautiful dream I had,  
A dream where hope ran high;  
A dream where pleasure and duty met  
And raised their arch to the sky.  
A dream of home and a dream of love  
With roses and rue entwined;  
Such a dream as the poet dreams on earth,  
But few there are that find.

In my dream of dreams was a husband's  
form;  
And children bright and free,  
And the rose of bliss in a thousand tints  
Bloomed there on my household tree.  
And the winter storm and the storm of life  
Knocked often upon my door,  
But the portals changed with glad some song  
And left us snug as before.

Oft have I felt the composer's thrill—

#### OUR RED LETTER

## Combination Offer

AGAIN OPEN TO THE FARMERS  
OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25  
A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so  
widely and immediately popular as did our famous "Red Letter Combination"  
last season. Thousands upon thousands of farmers throughout the corn belt  
took advantage of it to supply their families with an abundance of whole-  
some, instructive and entertaining periodical literature, and we have been  
asked many times if the offer would again be open to renewals and new  
subscriptions. Although the profit on such an offer is necessarily small, we  
have decided to repeat the offer during the present season and have secured  
the consent of the other publishers interested to advertise it again for a lim-  
ited time, subject at any time to revocation without notice.

#### THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the  
heart of the corn belt and dealing with agricultural problems from the middle-  
western point of view; edited by farmers residing upon and operating their  
own farms; not a one-man paper, but the embodiment of the combined wis-  
dom and experience of a large staff of editors and contributors; with depart-  
ments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giv-  
ing an abundance of news, literature, poetry, humor, market reports, reading  
matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper,  
dealing with the problems of the day from an independent point of view. Lit-  
erary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the  
farm, readable and valuable from first page to last—brightening and broadening  
the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed  
on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for  
one year.

To secure this great bargain, clip and fill out the following coupon:

Date .....190..

Homestead Company, Des Moines, Iowa:  
Enclosed find \$1.25, for which please send the following five newspa-  
pers and magazines for one year to my address: Iowa Homestead,  
Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette  
and Homemaker, as per your special offer to Homestead readers.

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Have longed for the plaudit throng—  
But the joy of the singer returns to sleep  
When the heart has rendered its song.  
Not so in the beautiful dream I had,  
Where pleasure and duty met—  
For there, each day, developed the soul  
To eternal music set.

So this was a dream of home and love,  
Each blest by sweet content,  
And God was there and his angel host  
Their hallowed presence lent.  
Let the singer sing his blithesome song,  
And the poet touch his tome,  
But let me dream my beautiful dream  
Of duty, love and home.

Who would crave a larger world than  
one bounded by "duty, love and home"  
interpreted in the light of twentieth  
century thought? Surely, none of us.  
And is it not well that in these first  
days of the new year we should be  
so beautifully reminded of the privileges  
and the possibilities for happiness in-  
volved in this dream which may be ours  
also, since our poetess has cast the spell  
of her singing mantle about us?

Last week I wondered if some man-  
ly man would not have a word to say  
to our Illinois Bachelor and hoped very

much that it would not be left to the  
women to comment upon what he said.  
Today on behalf of men, a goodly com-  
pany, I have the pleasure of presenting  
Minnesota Nicholas:

I wonder if you will allow a comment on  
the article written by the young Illinois  
bachelor, which appeared in the Home De-  
partment of December 6th. He speaks of  
the reason for the downfall of girls and  
attributes it to the fact of their entering so-  
ciety too young. I agree with him in this in  
all except the term. I would suggest "turned  
loose" too young. But I take issue against  
him on what he says in conclusion. Had he  
said he would never go with a girl who asked  
for or offered a good night kiss, all well, but  
to say, "Allow me to give," is certainly self  
criminating. Is he then so privileged that  
his conduct cannot be questioned? When  
that "right girl" comes around and he puts  
her to the "good night kiss" test, how will he  
feel if she tells him that no gentleman would  
suggest such a thing and that he can look  
elsewhere for girl companionship. I know  
many young men who take pride in their  
self-esteemed ability to test and tell of the  
virtue of a girl and judging from their char-  
acter (and the kind of girls they finally  
marry) I have set it down as an improper  
course for a gentleman to follow, and I fear  
the young man in question has accepted a  
base principle from false teachers, although



he may be conscientious. Whenever I hear some of these young men boasting of their experience I ever say to myself, "If I were the young lady, you would never have my company again." I consider myself competent, and believe every intelligent man competent to tell the "right one" without stooping to the practices of the sons of ill fame. Whenever I fall in with a young lady and she gives indications of a desire to form that near attachment, I discourage it in as pleasant and frank a way as possible. I have had opportunities to work on the feelings of a number of girls, have a "high time" and perhaps obtain a number of kisses, but I consider it dishonorable to do so. On the other hand I can maintain their friendship and confidence and use my influence to cause them to abandon the thoughts and ways of a flirt—or the thought of marrying me. No! When it comes to good night kisses I am either stepping on forbidden ground or putting myself under obligations to make good by my hand, my heart, my love, my life, my all, for the impress I have made upon her affections. I claim the young man has no more right to suggest or encourage these liberties of the affections or the passions than the young lady; neither to grant them. I stand firm for her equal rights—aye, for her defense—and words are weak to express my contempt for the man who by word or deed causes her to become virtuously weaker or take one step downward. No, young man. When the "right one" comes around you will know her and that full well without exacting a number of kisses from a number of wrong ones. I believe your aim is right, but fear you have been taught by the wrong school in this particular.

Hurrah for Minnesota Nicholas! Would there were more men to champion one standard of manners and morals for the man and the woman; more men to reverence their own honor and purity while reverencing these attributes in woman. I wonder what sort of mother trained Minnesota Nicholas? I am curious to know. I hope he will come and tell us how he came to hold these views.

Our members are scattered everywhere and sometimes are here today and gone the next. Mrs. S. C. lived in Nebraska when last she spoke in meeting, and now she hails from—but she will tell you:

In our new home in the far Southwest where we have been over a year, the Home Department is still eagerly read and many times I think I will write, but so many daily cares prevent. At present I am much interested in the talks to young people. With the Editor and when our editress so emphatically expressed her opinion that it was the duty of a truly noble lover to protect the character and good name of his promised wife I wanted to sanction her words. Further, I wanted to say that we as mothers should strive to rear our sons to be strong of character, to be true gentlemen always, ready and willing to shield any woman, sweetheart or friend, to hold them up instead of striving to drag them down. If only the fathers, as well as the mothers, realized that it was their duty to strive to mold the character of their sons—to teach them to avoid the pitfalls of life which they are almost sure to fall into if left unguided! Why, oh, why, is not the same standard of purity required of our sons as of our daughters? Why will some of our fairest and noblest girls accept the attentions of young men who are known to be of doubtful character and then perhaps take them for life companions? A baby daughter a little over a year old was taken from me last summer, but I have left my two older children—the boy and the girl with golden curls. They are small yet, but oh, how I want to teach them as they grow older that character is worth more to them than beauty of face or form; that a good name should be chosen above everything else. Closely allied to the subject of which I have been speaking is another which I would like to see commented upon. A letter and the reply which was recently published in one of our weekly newspapers has caused me to do some thinking along this line. It was written by a young girl who seemed to believe that a married man of her acquaintance was too lover-like in his attentions to her and asked for advice as to what to do about it. The reply was as it should have been, only the writer expressed herself as though she thought that no one of good character would find themselves in that condition of mind, or in other words, that the "tender passion" was or should be under our own control. I have in mind a case where a man and woman both married, were irresistibly attracted towards each other and recognizing this fact mutually, although the world around them did not suspect, avoided each other and kept on in the straight path of duty, if anything more gentle and loving towards the companion and children that God had given them. Now, I do not think where two truly love each other that either would be thus attracted to someone else, but we all know that there are many mistakes made—often a man feels the need of a helpmate and marries one who may prove uncongenial, one to whom he cannot give his best love; or vice versa, a woman is left alone in the world with a child or two, perhaps, and homeless. She feels unable to keep them with her and build a home alone and some man offers her a good home and offers to care for her children as his own. She accepts, only to find that the heart must go with the hand to make the union what it ought to be; that it takes true love to sweeten and brighten life's daily routine. The question is this: If such as these do meet another and ere they are aware tender love chords are awakened, need we say that the character is at fault? Does not the true test of character come then?

Oddly enough among a little pile of letters waiting for attention with the Editor is one bearing upon a situation not distantly connected with the problem Mrs. S. C. propounds. The subject is one which—oh! the pity of it—owing to the state of affairs throughout the country, it is advisable we should discuss. Let us bring to the problem large hearts, tender charity, sound sense and dispassionate judgment.

"A Young Wife" has something for us which has a bearing upon a number of the domestic problems which are discussed here Among Ourselves from time to time:

I read upon the same topic in nearly every paper I take up and can't help wondering at some of my sisters' views of human life. Not that I think I am always in the right, but many times the women are in the wrong, I think. Happy, indeed, is he or she who has a wise mother. I believe in equal rights. In the United States woman has her rights in a higher degree than in any other country. Woman, pray to God earnestly to open your eyes to your opportunities. Can you not see your chance of molding the lives of men and boys around you? Of course times will come when we can't do as we wish. We must stop work to hold a horse for John; perhaps turn the grindstone or something else. John can't always help when we need it and we feel like crying out, "O why must women always give up to the men? Why do they have their way, while I must give up my way when they will it?" Have you ever felt that way? I have when I have been disappointed in some plans and had to change them to suit "John." But disappointments come to all and if we bear them with good grace and change our plans if need be the time will come when "John" will return the favor. I know some men are better to strangers than to their wives. To such wives I would ask, "Do you remember the first days of married life? Was it different then? Have you faithfully done your part?" Home is just what woman makes it. Mark every word in italics. Woman, start out right, then keep improving. Fix your hair as becomingly as you can every day. Look as happy as you can; dress as well and clean as you possibly can every day; keep yourself tidy, and never let "John" come in to dinner and see your eating room untidy. Count your many blessings. Is not your husband your lover? Dress, look, live for him. What do you think, sisters? Who is to blame for an unhappy home? What makes home unhappy?

A dear old grandmother once said to me: "If, without seeing her, I heard a woman say home is just what a woman makes it, I would know two things about her—that she was young and, if married, had a good husband." But this is forestalling discussion, which I should not, and no not, wish to do. Let us hear from others on this subject.

For several months past our circle meetings have been of unusual interest;



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let us keep them alive and helpful, friends. I herewith pledge myself to do my part with hearty good will and earnest endeavor.

#### Dressmaking and Millinery—No. 550.

Sylvia Silverthorne, Muscatine, Iowa.  
[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]  
Among the ribbons that are in the lead for neckwear, helms, etc., are the Roman or cross-striped ribbons, and these are in brilliant



[5534 Blouse or Shirt Waist, 22 to 42 Bust.]

hues. With a plain or embroidered linen collar is worn such a tie of ribbon of several inches width, folded to be quite narrow about the base of the collar, the ends formed into a double bow and ends, these being in the full width of the ribbon. Worn with this is a belt of the same ribbon either tied or arranged in a "made" bow at the front. If one likes, the ribbon about the neck may be tied in a single knot and the long ends may drop to within a few inches of the belt. The flowered ribbons, as well as the plain colors, are used in the same way, but these have been mentioned in a recent number. These same neck arrangements with belt to match may be made of plaid or plain, or of striped silk.

The waist that has the chemisette effect continues to be among the most favored, and one of the simplest of these is illustrated in No. 5534. Such a design admits of variations and may be made up quite simply, or even more elaborately than suggested in the design. As pictured the chemisette, collar and sleeve trimming are of tucked and inserted muslin, but quite as pleasing will be the



[5512 Seven Gored Walking Skirt, 22 to 32 Waist.]

effect if lace edging is used instead. To make the chemisette of edging lace catch the scallops or points together and place on the lining so that they form the center and of the plain part of the lace will extend beneath the edges of the cut out part of the waist. For the collar let the edges of the lace join the chemisette and thus be about the lower part of the collar. For the cuffs let the lace edge turn from the wrist or use two widths of the lace and let the joining of the scallops be in the middle of the cuff.

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places within your reach the best possible treatment at a moderate expense. Our 20 years practice and thorough knowledge of these diseases has enabled us to prepare and perfect a new method which can be successfully used at home. To prove the merit of our new method

**We Will Send You a Month's Treatment** especially prepared for your case and allow you to use it for fifteen days. If you are not better or the treatment at unsatisfactory return it to us and it will cost you nothing.

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**DR. S. C. FELLOWS**  
and  
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325 Rollins Block, Des Moines, Iowa

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to have us show you the wonderful opportunities existing in the South, and how you could improve your present condition?

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J. W. WHITE, General Industrial Agent,  
Portsmouth, Va.

Seaboard Air Line Railway, Dept. "S."

One may utilize scraps of lace or of edging embroidery in this way. In the design the edges of the waist are finished with silk braid, but any handing may be used. The arrangement of the tucks at the back is a feature of the season, as you will notice that they terminate at yoke depth as do those at the front. This gives a "bloused" effect to the back of the waist that is somewhat new. The waist may be used as a separate garment or as part of a costume, the skirt being of the same material. Pattern No. 5534 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure. Give size when ordering pattern.

No. 5512 pictures a neat skirt design in a seven-gored model. The pleats are arranged in groups of two each, these being stitched to a deep yoke depth below which they are allowed to flare. The foot trimming is arranged in a novel manner, but of course it is optional as to whether or not this design

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Penetrates to the Spot  
Right on the dot.

Price 25c and 50c

## Cancer Cured No Knife, No Pain

People I have cured of cancer prove the astonishing results of my treatment. Peter Koenig, Galesburg, Ill., writes: "It is only a question of time—I must die." Doctors said "no hope." My new method was used and to-day Mr. Koenig's cancer of the throat is healed, and he is well. I have made wonderful cures without pain, operations, sticky balms, oils or plasters. My treatment is clean and wholesome. It gives instant relief from the smarting, itching and terrible burning pain, destroys the offensive odor and has cured cases given up by the family physician and specialists. If you have cancer or have a friend who has cancer, write me to-day. Full information, proofs and advice given without charge. Address: DR. RUPERT WELLS, 2165 Kador Bldg., St. Louis, Missouri.

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\$1200 Year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. Ontario Veterinary Correspondence School, London, Can.

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is followed out. Any mode of trimming liked may be substituted, or the skirt may be left plain, stitching forming its finish. Comparing this with the waist given herewith you will note that the lines are so similar as to render the two appropriate for combining in making a costume, but either may be used

without the other, and with any other design. Pattern No. 5512 is cut in sizes for a 22, 24, 26, 28, 30 and 32 inch waist measure. Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

The International Sunday-School Lesson.  
First Quarter. Lesson I. Genesis I, 1-25. January 6, 1907.

### God the Creator.

When Michael Angelo overlaid the ceiling of the Sistine Chapel with frescoes that make its common plaster more precious than gold, he dipped his pencils into the first chapter of Genesis. Each successive panel matches its respective paragraph—the Separation of Light and Darkness; the Creation of the Sun and Moon; of Trees and Plants; of Adam; of Eve; and so on. The frescoes are indescribably majestic, but they fall short of the narrative which inspired them. That is unapproachable in literature or art. It is Divine.

If the immortal Florentine had drawn his inspiration from any other cosmogony than that of Moses, the Vatican ceiling would have been marred with the incongruous shapes of man's wild fancy and wilder fear. Dualism would have been there—a devil as powerful as God; or Polytheism—gods many and all in a wrangle, one pulling down what the other set up; or Pantheism—an eternal matter, insensate, yet evolving itself in various stages, the thing fashioned greater than that which made it; or such grotesque ideals of the universe as, for example, that of the Hindu with its pyramid of snake, turtle, and elephant, and triple disk.

Instead of all this we see on that lustrous roof the ineffable Jehovah in the form of a man, as the Bible itself must needs present Him to us—eternity upon His hoary brow, omniscience beaming in His eye, omnipotence in His outstretched arms, and infinite love in His whole mien. This majestic Father of the world is pictured as proceeding with the complacency of Infinity to hang His lanterns in the sky, to separate air, water, and land. Then He peoples each with creatures suitable to their respective spheres—their bodies cunningly adapted to ether, fluid, and terra firma respectively. For a seventh time the Almighty "Former of the Skies" spreads His hands in benediction over all His works, and in the seventh epoch there is cessation from creative activity.

This Mosaic account of creation is a miracle in words. Not to this present highly-cultured age, but back three thousand years, to the beginning of literature, must we look for the most satisfactory statement of the origin of things. There through the mists of human speculations, through rising and falling systems of philosophy, Genesis shines like a star ever ascendent. It is not attached to any system of geology, astronomy, or biology. So, as numbers of these have sunk in their turn, Genesis has never been submerged. The book may clash with an hypothesis, it never does with a fact. The narrative is elastic enough to take in all the modern discoveries of physical science, but presents a rim of steel to the vagaries of false science.

Whence came this phenomenal writing? From the genius of man? Then, why is not its equal found in the an-

cient literature of other nations apparently better situated to produce such a book than the petty and oft-captive Israel? Inspiration is the only adequate explanation of Genesis. The blessed intent of the book is seen by the most casual reader. It is a mirror to reflect the person and attributes of God; it answers, too, the question of the heart as to the origin of nature and of man. It deserves the alliteration, simple, sublime, sufficient.

### Analysis and Key.

1. Michael Angelo's debt to Genesis. Frescoes fall short of narrative. Genesis unapproached.
2. Other cosmogonies in contrast. Dualism, Polytheism, Pantheism.
3. Picture of God, the Creator. Eternity, omniscience, omnipotence. The Father of the World at His work. Seventh benediction.
4. Mosaic account: Miracle in words. Satisfactory statement of origin of things 3,000 years old.
5. Only to be accounted for by inspiration.

### The Teacher's Lantern.

The difficulty here is to know what not to teach. The paragraph is fairly packed with seed-thoughts. Selection is imperative. Matters of comparative unimportance, but which if once mooted might lead to time-wasting debate should be omitted.

The majesty of Mosaic account of creation may well be shown by using the crude heathen cosmogonies as a background. The orderly and glorious progress of creation should prompt the exclamation, "O Lord, how manifold are Thy works! in wisdom hast Thou made them all!"

God gave man a quit-claim deed to the world when He said, "Take it, dress and keep it."

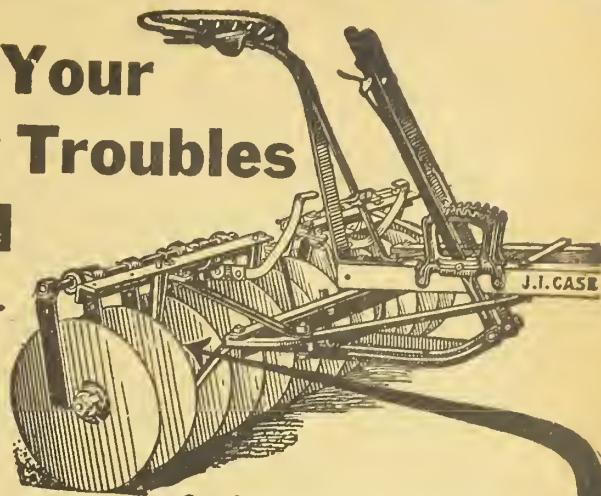
Man's dominion over nature was never greater than at the present. He is wrestling her secrets and subduing her forces to his use.

The dignity of man's position in nature, the variety, delicacy, and strength of his senses and faculties make one exclaim, "O rich and varied man, thou palace of sight and sound."

Primary teachers have a fascinating task in discovering and banishing the crude and amusing notions about earth, air, sky, water, stars, etc., with which they find little minds packed. A taking object-lesson may be given by laying an orange on the table, and having an apple suspended with a cord revolve about the orange. Orange for sun; apple for earth. What makes night and day, the year and the seasons, may thus be illustrated. Earth may be described as a house, beautiful and comfortable, which God has built for His children—a cellar full of coal and other things we need. The carpet changes every season, so we shall not get tired looking at it—from green, sprinkled with flowers to

## Where Your Harrow Troubles End

### in the J. I. CASE DISC HARROW



See the arrows? They point out the two most important advantages ever placed in a disc harrow—the chilled ring bearings and the slicer

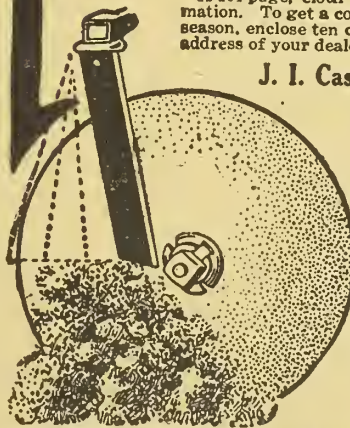
scrapers. These bearings have proven by test to be the most practical and economical for this use. They will, in a very short time, save the cost of the ordinary harrow, and they will save your team—save work—save trouble. Because they make light draft; last longer, do not wear flat, clog up or work loose. And they cost less.

And the slicer scrapers work right and clean perfectly. A slight movement of the foot does the work, cleaning all the discs from center to cutting edge. When at rest, the scrapers keep the center of the disc blades clean. While we consider these two advantages foremost, this disc harrow possesses other features worth mentioning: By an exceedingly simple device, the discs are made to stay in the ground no matter how hard it is. Again if the end of one section raises over an obstacle, the other remains at work and the companion section is not disturbed. We would like an opportunity to tell you more about this disc harrow, and if you are looking for the best, you want to know. Write for our free catalogue to-day, which fully describes the entire J. I. Case Line

### FREE—Farmer's Encyclopedia.

A 164 page, cloth bound book, filled with useful up-to-date farm information. To get a copy, simply tell us what implements you will need this season, enclose ten cents for packing and postage, with the name and address of your dealer. Address.

J. I. Case Plow Works., Dept. 022  
Racine, Wis.



Slicer Scrapers in action. Dotted lines show distance scrapers travel, keeping discs clean from center to cutting edge.

Chilled Steel Ring Bearings make it Longest Wearing and Most Economical to Maintain.



russet in the fall, and white in the winter—a house hung with pretty pictures.

### Cancer and Tumor Cured.

With a Combination of Oils. Write to the Originator for his free books. Beware of imitators. Address Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

### WOODWORK PRICES REDUCED.

How Gordon, Van Tine & Co., of Davenport, Iowa, sell better materials at one-half retailers' prices. Here is an illustration how Gordon, Van Tine & Co., who operate the biggest woodwork, sash, door and general mill work factory in the country, cut prices in two for the customer. In the first place, they sell direct from their factory to the individual user, or contractor, or builder. To get an idea of the size of their equipment, you must know that they run the cars right into the shipping department. In fact, they can load twelve cars at a time in their shipping room. They load these twelve cars from both sides of the car at one time—sometimes as many as thirty men doing nothing but trucking carefully packed building material into outgoing cars. Compared with this system just look how sash, doors and woodwork is generally sold. Take for instance a four-paneled door of high quality: the dealer's price is \$2—the retailer pays his jobber \$1.15 for this door—the jobber pays the average maker eighty-seven cents for it. Gordon, Van Tine & Co. sell direct from their immense factory the same door for eighty cents. In other words, they sell a door of warranted quality fine white pine to the consumer for less than the jobber pays the average small maker for it. You save, therefore, the jobber's profit of twenty-eight cents and the retailer's profit of eighty-five cents, besides the difference between Gordon, Van Tine's low factory price and that of the average factory, a total difference of \$1.20. Now, this factory is located in Davenport, Iowa—almost the center of the United States, and shipments are made to every city in the union, safe delivery guaranteed. Every item in their immense free catalog is as great a bargain for the very same reason as the door just mentioned, and remember that better quality goods are not made or sold by anybody. That is why this concern can sell its immense output, the product of its own timber lands, its own logging camps, its own saw mills and its own factories direct to the consumer on orders

made up from the catalog and sent in by mail. If you are going to do any repair work or any building this spring, now is the time to get this catalog of low prices and modern styles. Mention this paper and you will get prompt attention and the best treatment. Address Gordon Van Tine & Co., Station B45, Davenport, Iowa.

### SURE HATCH IN NEW HOME AT FREMONT, NEBRASKA.

The Sure Hatch Company have moved from Clay Center, Neb., to Fremont, Neb. The Sure Hatch idea was "batched" in Clay Center and the little town was endeared to the company by nine years of success for which the incubator business offers no parallel. The company's business grew so much faster than the town itself that last year, with sales exceeding 26,000, the company were at times completely swamped because the one branch railroad could not handle their shipments fast enough, and the town could not furnish the number of skilled mechanics required. Hundreds of impatient customers canceled their orders for Sure Hatches because of delays in shipment. To have remained in Clay Center another year would have meant an enormous loss to the company.

The splendid shipping facilities of Fremont, Neb., which is a live town of 10,000 people, with four trunk line railroads, induced the Sure Hatch people to locate there.

Their immense new plant in Fremont, the largest and most up-to-date incubator factory in the world, is rapidly nearing completion. They now have all the skilled labor required and are in a position to ship incubators the very day orders are received. The 1907 Sure Hatch not only has all the valuable features of the 1906 machine, but a number of new improvements, such as the multiple lever regulator and the duplex bottom. The new Sure Hatch catalog and poultry book now being printed, fully explains these improvements. The book is larger, more fully illustrated and contains more practical information than ever before. It is worth more than many books that sell for \$1 to \$5, yet it is free. Better send a postal today to the Sure Hatch Incubator Company, Box 16, Fremont, Neb., or 16 East Washington St., Indianapolis, Ind. Simply say on it, "File my name for a free copy of your 1907 catalog and poultry book," and a copy will be sent as soon as the book comes from the printer. If you do not wish to wait for it, send for the 1906 catalog. Every poultry raiser ought to own the Sure Hatch book.

## Purinton Steam Feed Cooker

Quick and Economical.

Free Trial Offer.

Oldest and most successful feed cooker on the market. Gets up steam quickly.

Takes Little Fuel and is Absolutely Safe.

Use wood, cobs, coal or anything burnable.

Provided with supply tank for refilling while steam is up, and double jointed cooking pipe which can be put into barrels around boiler without unscrewing.



We are so sure of the merits of our cooker that we send it out on

A Week's Free Trial,

without signing of notes or other obligations, to be paid for if it proves satisfactory.

If we hadn't the utmost confidence in our boiler we couldn't afford to do this.

Made in various capacities to suit all requirements.

Send for catalogue today.

CRESCENT FURNACE & FOUNDRY CO., 304 Madison Street, Des Moines, Iowa.



## ADVERTISING NOTES.

Mr. W. S. Packard, one of the well-known and reliable real estate dealers of the city of Des Moines, is offering a special bargain in a 320-acre farm within seven miles of Aberdeen, S. D. His advertisement appears in this issue.

Three hundred and sixty acres of fine meadow land, forty miles from Minneapolis, two miles from railroad, on which 500 tons of hay can be cut, is offered for sale by Mr. Mose Zimmerman, of Midway Horse Market, St. Paul, Minn. See the advertisement on page 27.

One section of land located three and a quarter miles east of Arthur, N. D., is offered for sale by Mr. J. E. Fitzsimmons, of Paxton, Ill., in his advertisement that appears on page 27 of this issue. Further particulars in regard to the improvements can be learned from the advertisement.

Mr. Mose Zimmerman, Midway Horse Market, St. Paul, Minn., has 400 acres of fine land, located forty miles from Minneapolis, which he is offering for sale in his advertisement on this page of this issue. He is going to sell this valuable piece of land at a very low price in order to close up an estate.

Mr. F. F. Spangler, of Milo, Mo., has 560 acres of land located in Union county, Iowa, nearly all in meadow and pasture, which he is offering for sale in his advertisement that appears on page 27 of this issue. Mr. Spangler announces that he is bound to sell and if he cannot get his price he will take the buyer's price.

Have you seen on page 29 the advertisement of Mr. Jacob Holz, 1003 N. Sixteenth St., Omaha, Neb.? If you have bides, furs, or wool for sale it will be to your interest to secure prices from a wholesaler. Mr. Holz will gladly answer all inquiries and quote the highest market prices on all kinds of furs, hides, and wool.

A 400-acre farm located within four miles of the agricultural college, being considered one of the best stock and grain farms in central Iowa, is offered for sale by Messrs. Smith & Davis, of Ames, Iowa, in their advertisement that appears on page 27 of this issue of The Homestead. The improvements consist of one good set of buildings and the farm is principally tiled. The price at which it can be purchased and other information can be obtained from the advertisement.

On page 8 of this issue of The Homestead appears the advertisement of Still College of Osteopathy, Des Moines, Iowa. This splendid institution is one of the foremost of its kind and stands for the best of everything in life. Osteopathy offers a most desirable professional career and the present demand for osteopathic physicians is far greater than the supply and the future of the profession is most promising. Still College offers the best osteopathic clinics and has a most able osteopathic faculty. The clinic advantages of this institution are beyond comparison and the Still College clinics are the largest osteopathic clinics of the world. Students are attending the college from nearly all of the states of the union and there are over 300 patients now in the care of the institution. The obstetrical clinic is particularly large, as are the other clinics. The entire faculty and officers of the college are men of ability in their respective departments and of the highest moral character. The college is employing the highest salaried instructors of the country and is spending more money for instruction per pupil than any other in its line. There is no better profession than osteopathy and probably no other profession offers the opportunity that osteopathy now offers. There is no starvation period in this profession. All that a man or woman needs is to be a good osteopath and their success is assured. Still College of Osteopathy is recommended by all the leading citizens of Des Moines. Those wanting to prepare for the osteopathic profession would do well to give Still College a very careful consideration. Those desiring to investigate should write the college authorities, Still College of Osteopathy, 1422 Locust St., Des Moines, Iowa.

We are just in receipt of the 1907 catalog of the Omega Cream Separator Company, of Lansing, Mich., and its typographical arrangement and execution and its well-written description of the Omega separator has made such an impression on us that we feel constrained to call the especial attention of our readers to it. The "Golden Rule" guarantee of this company has impressed every one who has read it, and it seems that the "Golden Rule" policy sticks out in everything that they do. Because all of us like to examine and read a well-written and finely-printed catalog, they have exerted themselves to give us what we wish in this respect. But behind all of this there is a deeper significance and anyone who reads the catalog is impressed with the fact that the Omega Separator Company are exerting their best efforts in the production of a high-grade separator. This impression is again given by their continual invitation for rigid investigation of the separator itself. All the manufacturers seem to desire is that the prospective buyer give the Omega an honest trial. In the catalog they print reproductions of letters from two prominent hanks of Lansing and if he has a doubt as to the liability of the concern, he is thus assured that they are

able and glad to do all that they say they will do. They also print a letter from the Michigan Agricultural College which is very commendatory. A good many of our readers have been using the Omega separator and speak of it in the highest terms and we would suggest that any who are contemplating the purchase of a machine, write for this new catalog. A cream separator is a machine which should be chosen with discriminating care, and the frank and open manner in which the makers of the Omega ask for your careful investigation is in itself evidence that their separator will not disappoint. There are undoubtedly, a number of good separators on the market and it is for each to choose the one he thinks will give him the best results, but there are none who make a more liberal offer than the concern above referred to. See advertisement on page 15.

## A VALUABLE BOOK FREE.

Mr. H. C. Phelps, president of the Ohio Carriage Manufacturing Company, Station 31, Cincinnati, Ohio, who is the originator of the famous free-trial plan of selling vehicles from factory to consumer, has just published a remarkable book giving the factory secrets of buggy making. He has sent out over 150,000 of these valuable books to interested people and will gladly send you one free if you are interested to learn how buggies are made. Write Mr. Phelps for one of his famous books today, on a postal card, and you will get it free by return mail. Write him at the above address. See advertisement on page 17.

## FREE SUBSCRIPTION TO THE LARGE ILLUSTRATED PAPER FOR DAIRYMEN—THE SEPARATOR NEWS.

A big paper, handsomely illustrated in colors, entirely devoted to the success, prosperity and protection of separator users and intending separator purchasers. Every issue brimful of special illustrations and information—what might be called inside facts—that will help you to decide whether a cream separator will pay you, how large a separator you should have and how to care for a cream separator so as to get the most out of it. Articles regarding you against the "patent can" fraud and against the mistakes of buying a too cheap or a too complicated separator. Articles telling what state experiment stations say of cream separators. Articles comparing different kinds of cream separators. In fact, a whole paper devoted to cream separator news. Would you like to receive every future issue—without a cent of expense to you? Then write the publishers, The Sharples Separator Company, of West Chester, Pa., asking them to put your name on their mailing list. But don't forget to mention that you saw this offer in The Homestead.

## A PICTURE OF DAN PATCH.

Dan Patch is the most notable horse alive today. He paced a mile in 1906 in one minute and fifty-five seconds, and there are those who believe that this record will never be equaled by another horse. He is owned by the International Stock Food Company, of Minneapolis, and during the last few months this company have prepared a finely-colored lithograph of this noted horse, which will be furnished to all readers upon one condition, namely, that you state where you read this offer, and secondly, how much stock you own. On page 48 of this issue will be found a full-page advertisement, including an illustration of the renowned Poland China hog, Keep Ahead. You will there find the story, also, of how this hog grew from being the runt of the litter to be worth \$4,000. The Homestead desires every one of its readers to have one of these beautiful lithographs of Dan Patch, and as it will only take an instant to write on a postal card that you saw the advertisement in The Homestead and that you own so much live stock, you had better do this at once. Address your card or letter to the International Stock Food Company, Minneapolis, Minn.

## PLANT GREGORY'S SEEDS.

They are honest seeds, safe and sure, and sold at a reasonable price. Year after year, for over half a century, thousands of practical gardeners and planters, both in the United States and Canada, have been planting Gregory's seeds, and they have done so because they know that these seeds have all been thoroughly tested, and that the three warrants under which Gregory's seeds are sold cover all seed risks. Just think of it! Over 2,000 tests of the vitality of both vegetable and flower seeds are made every season, and thousands of dollars' worth of seed are thrown away, though most of it is better than hox seed will average. Messrs. Gregory & Son have produced many new varieties of vegetables, of one introducing more than all other dealers combined. They distribute free among their customers tubers of the famous Eldorado potato which sold in England three years ago for over \$1,000 dollars a pound. All growers of vegetables and fruits should secure a copy of Gregory's new catalog for 1907. It is rich in practical instruction. Write today, so that you will be sure of getting a copy. Address Messrs. J. H. Gregory & Son, Marblehead, Mass.

## THE CHATHAM FANNING MILL.

On page 19 of this issue will be found the advertisement of the Chatham Fanning Mill. This mill needs no introduction to our readers, because there is not a community in the entire central West but where can be found some of the Chatham mills. This mill is sold now on such terms as make it possible for every man who grows grain to own one. The mill is equipped with seventeen screens and riddles and has a patent haggling attachment which saves one man's time. It will be sent to any responsible party on a thirty days' trial, free, and the freight will be prepaid. If it does not do all that is claimed for it by the company it may be sent back at the company's expense. This mill is sold direct from the manufacturers and therefore saves the profits of all middlemen. It is not necessary for us to dwell on the great advantage of using a fanning mill for the purpose of grading small grain. However, it is a demonstrated fact that has been proven by a number of the stations that such grain as oats, wheat and barley may be kept from "running out" by grading. Indeed, it may be so improved that its yield will increase from year to year. The Chatham book contains much information on the breeding, planting and seeding of crops, and it will be sent free upon application to the Manson-Campbell Company, 513 Wesson Ave., De-

## What's the Steer's Limit

You want to make the most of yours, in pounds, quality and price. Keep him in condition—bowels open, appetite strong, digestion good. The best and surest and quickest way to get your feeders up to their limit is to use

## PRUSSIAN STOCK TONIC

It's not an expenso but the wisest investment you can make. More pounds and better prices. The cost is not a tenth part of the extra returns. Cheapest on account of small feeds.

25 POUND PAIL, OVER 1200 FEEDS, \$3.50.

Dealers sell it. If not with yours, write us. We'll send prepaid, at same price. Tell us what stock you own and receive our Stock Raiser's Hand Book Free.

Prussian Remedy Co.,  
St. Paul, Minn.



troit, Mich., or Box 513, Topeka, Kan. Please mention this paper when you write.

## A DANDY FARM.

One of the best farms advertised in this issue appears on page 27. It is for sale by the Inland Security Company, of Kansas City, Mo., who state that it is the best proposition for the money that they have had on their books for twenty-five years. This statement coming from a reliable firm like the above, prospective buyers should lose no time in learning the particulars at an early date, owing to the fact that this offer is only good until February 7th. The farm is located close to Kansas City, at which place is the best live stock market in the world. Buyers looking for a fine farm will find in the one offered, which comprises 343 acres, an ideal one. The land will be divided in small tracts if desired. When writing, mention this paper.

## "GRINDERS THAT GRIND."

The Martin Manufacturing Company of St. Louis Park, Minneapolis, Minn., make "grinders that grind" and do it right, too. Every part of each grinder, for they make five different sizes, contains the "know how." Mr. Martin has had scores of years of experience in grinder construction and those who buy his grinders will profit by this. They are original in construction and design and have been subjected to the tests of the most critical. Mr. Martin will send you one on thirty days' approval if you write him and mention The Homestead. He has put out a very neat descriptive catalog which he will mail you free of charge, which gives in detail the points of superiority, price, etc. Address at once the Martin Manufacturing Company, St. Louis Park, Minneapolis, Minn.

## A GREAT SEED CATALOG.

The finest seed catalog that has reached our table for many years is that just issued by that well-known firm, the Ratekin Seed House, of Shenandoah, Iowa. This new catalog was re-written during the past season right in the fields and plots where all their seeds are grown and tested and is practical in every sense and is chock full of just such information as the farmer, gardener and truck grower want to know. In short it is well gotten up, very complete in every department, and to be appreciated is to see and have a copy of it; in fact, no up-to-date farmer, gardener or truck grower can afford to be without it when it is so easy to obtain a copy of it. A postal card will bring it to your door. It is a book that is large, finely illustrated and there is scarcely a field, farm, vegetable or flower seed that is not mentioned, described and its climate, soil and needs fully given. The Ratekin Seed House make it a habit and rule to make good every statement they make, and when you buy your seeds from them you take no risk. You are to be judge and jury, and if everything is not found as represented or fully satisfactory they can be immediately returned and your money will be cheerfully refunded. Their address is Ratekin's Seed House, Shenandoah, Iowa, and if you would know more of the crops you grow you should send at once for a copy of this great seed book. See their seed advertisement on page 11 of this paper and write them today.

## LOSS FROM POORLY MADE SEED BEDS.

One cannot read accounts of the intensive cultivation of the soil now being carried on in certain quarters without being impressed with the waste in present methods of farming in general. If we compare the harvest of the fields with the product of the gardens and small tracts the lesson comes home with great force. Some little extra labor is bestowed upon the small tracts, but not so much after all. It is largely a question of methods and proper implements. With right methods and right tools, but little greater outlay in the form of labor, the small tract is made to yield two, three or a half dozen times as much as the field. Much of the apparent loss from the fields is due directly and primarily to the failure to give the grain and grass a proper seed bed. The man who gave the best years of his life to the perfecting of a harrow that would remedy this and form a seed bed as near ideal as was possible, did not live in vain. Who shall estimate the good Mr. Duane H. Nash and his Acme harrow have done for agriculture? For this Acme harrow comes nearer solving the problem and enabling the farmer to plant his seed in a character of soil where it is sure to start, and start quickly, and have an uninterrupted, strong growth than anything of harrow kind ever perfected. It was named by the inventor, "harrow, pulverizer, clod crusher and leveler." It is all of these. It differs materially in build from the old-fashioned spike-tooth harrow of our fathers; it differs more in its effects. But a single drop from a very few acres gives back its cost. Most farmers appreciate the need of a good seed bed. Not every farmer knows how to secure it. Nor

## Lands and Homes for Sale.

## Wheat, Timber, R. R. &amp; Gov. Land

No firm in the west can show you the bargains in any of the above lands. This is not all. We make a specialty of Panhandle, Texas and Southern Lands, of which we own and control 300,000 acres. Our prices will surprise you. Write for our descriptive circular, prices and rates in our special car which goes the first and third Tuesday of each month. Agents wanted.

## WESTERN LAND COMPANY, 530 Good Block, Des Moines, Iowa

**BARGAIN.** 400 ACRES of fine land, 40 miles from Minneapolis, only one-half mile from railroad, good soil, well fenced, 200 acres under cultivation. In order to close up an estate, this valuable piece of land must be sold. The first offer of \$20.00 per acre takes it. Part time given if desired. Address, Mose Zimmerman, Midway Horse Market, St. Paul, Minn.

is every farmer familiar with the good being done, the increased yields being secured by this Nash Acme Harrow. Those who are not and are sufficiently interested in increased returns from their lands to do so will be well repaid if they will look up the Nash advertisement on page 14 of this issue and write to him for his little book entitled, "A Perfect Seed Bed." A copy will be sent on request if you mention The Homestead.

## CREAM EXTRACTORS FREE.

To introduce their cream extractors, the People's Supply Company, Dept. 150, Kansas City, Mo., is offering to give one of their machines free in each neighborhood with the understanding that the owner will show it to his neighbors, which the makers think sufficient to induce those who need a separator to buy their machine.

## A FINE CALENDAR FREE.

The International Harvester Company, of Chicago, have prepared an unusually attractive calendar for 1907. This calendar is sufficiently attractive to be an adornment to any home. Local agents for the International Harvester Company have been sent a supply of these calendars and any of our readers who will call will be given one free.

## MORE SEED CORN TALK.

The importance of using good seed corn is an old story. Nevertheless it is one that sounds good to all industrious corn growers. In this connection we are very much pleased to refer our readers to the advertisement of J. B. Armstrong & Sons, of Shenandoah, Iowa, on page 11. These gentlemen have made a specialty of this line of work. They are prepared to grow the corn right; they know how to handle it right and, moreover, to sell right. These are certainly three essentials of good seed corn dealers. On your request a very complete catalog will be mailed describing not only some of the best breeds of corn, but other farm seeds as well. Here is a seed firm that you should have on your list, and we are certain that a trial order will please you, indeed. When writing them, kindly mention The Homestead.

## MAIL ORDER NURSERY.

A nursery, doing business exclusively by mail, enabling the farmer to buy his nursery stock direct from the grower, is what was established in the city of Des Moines when J. A. Callison and his associates acquired the business of the old Iowa Nursery Company, under which name they will still continue their mail order business. Mr. H. P. Holmes is president, Charles S. Worth, vice-president, and D. H. Kooker, treasurer. Of the new company, all business men of known reputation and standing in Des Moines. Mr. Callison continues as secretary of the new company, and associated with him will be Mr. Ellis T. Pierce in charge of the office, and S. W. Wilson as superintendent of the nursery, both men of experience in their particular lines. Mr. Pierce was, for a number of years, president of the Iowa Seed Company, of Des Moines, while Mr. Wilson has devoted his entire life to growing and propagating nursery stock, having been located in that business for twenty-three years at Atlantic, Iowa, and has an enviable reputation as a horticulturist. This organization has been effected especially to carry on a mail order nursery business and will employ no agents, dealing direct with customers through the mails. They have grouped a number of popular articles together at a bargain price, an advertisement of which appears in this issue. If this grouping does not meet your need, write them for their price list and catalog, which gives the details of their mammoth stock, also many interesting facts concerning tree planting, and the caring for nursery stock in general. Send them a card at once before the best choice of the stock is gone. Mention this paper and address them—Iowa Nursery Company, Box 162, East Des Moines.

SEND US THREE NAMES and addresses of farmers who may move west, and we will send you book of Oregon views FREE.

OREGON DEVELOPMENT LEAGUE  
DEPT. 19 PORTLAND, OREGON

On request we will furnish authentic information as to farming opportunities in Oregon

OREGON VIEWS FREE

SHIP YOUR FURS HIDES and PELTS  
to McMillan Fur & Wool Co.  
MINNEAPOLIS, MINN.  
Illustrated Circular free to anyone interested in fur and hide business. Write for it today.



# LANDS AND HOMES FOR SALE

## THE BEST DEAL YET

offered to the actual HOMESSEEKER is that given by The Duluth and Iron Range Railroad Company in placing on the market its agricultural lands in MEADOWLANDS SETTLEMENT, St. Louis county, Minn. The terms to actual settlers beat any monthly payment plan offered. We want settlers, not speculators. Write for map and full information to Land Commissioner D. & I. R. R. Co., 525 Wolvin Bldg., Duluth, Minn.



## CHOICE VIRGINIA FARMS

From 25 to 2,000 acres with buildings, timber fruit, good water etc. \$3 per acre and up. Lands level, with enough slope for natural drainage. Annual yield per acre—more than the cost of the land. Many men from the level western country settling here. Prices advancing steadily. Good opportunities for general farming, stock raising, dairy, poultry etc. Unsurpassed climate, fertile soil, fine markets and near to churches and schools. Excellent rail and water transportation. Sell your high priced land and buy cheap but equally productive land in a climate where you can enjoy life. Landed investments are sure to prove profitable here.

Write Today for our Real Estate Herald containing full account of the advantages of Southside Virginia and descriptions of desirable farms.

PLYLE & CO., Inc., Petersburg, Va.

## I WILL MAKE YOU PROSPEROUS.

If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail, appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once. Unusual opportunity for men without capital to become independent for life. Valuable book and full particulars free. Write today. Address nearest office.

EDWIN L. MARDEN, Pres't., Nat'l Co-operative Realty Co., 529 Athens Building, CHICAGO, 539 Maryland Building, Washington, D. C.

## FOR SALE---800 ACRES.

300 ACRES in cultivation, 500 acres in grass; fine water, tanks, hydrants, windmill, etc.; good feed lots, orchard, large 8-room house, tenant house; two large barns, three large cribs, implement house, granary and other buildings; 10 miles from Emporia, close to good little town. Price \$35.00 per acre. Write for our list.

WILLIS & CO., Agents, Emporia, Kansas.

## LET ME SELL YOUR FARM, HOME OR BUSINESS

No matter where located, for cash, in less than 90 days. I have hundreds of buyers and keep in touch with them through 1,500 agents. The man who will buy your place is on my list—do you want to meet him? Send description and price of your property quick. Address 412 Brace Bldg. A. EDGAR DAVIS, Lincoln, Neb.

740 ACRES, Chautauqua County, Kansas. This is a fine grain and stock farm. Is all good, rich, productive land. About 400 acres in cultivation, including 30-acre orchard; balance is in excellent pasture. Can all be cultivated. Good improvements. Railroad station adjoining the farm. Good prospects for oil. Will sell on favorable terms or will take good small farm or other property in part payment. BOX 151, INDEPENDENCE, IOWA

HERE IS A SNAP. 380 ACRES of fine meadow land, 40 miles from Minneapolis, 2 miles from railroad, all fenced; 500 tons of hay can be cut on it. This land must be sold at once to close up an estate. \$20.00 an acre buys it. If you want this act at once. Part time given, if desired. Address, Mose Zimmerman, Midway Horse Market, St. Paul, Minn.

## FARM BARGAIN.

560 ACRES in Union Co., Iowa, nearly all in meadow and pasture. Am bound to sell. If I can't get my price, I'll take yours. Write for full particulars.

S. S. SPANGLER, - Milan, Mo.

## LAND ADVERTISING.

FOR additional advertisements of farms, farms, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## IMPROVED FARMS

Wild lands, general merchandise stocks, hardware stocks, and city property for sale and exchange. Write me. Fremont S. Gibson, Agent, Mason City, Iowa.

FARM For Rent—One section, 3 1/2 ml. east of Arthur, N.D., Cass Co., Red River Valley; new house, 14-room barn, cap. 24 tons hay, 2,000 bu. grain, flowing well; 24 a. pasture and meadow; 40 a. free corn ground, 400 a. plowed land; well ditched, school 1/2 ml. Grain rent, seed fur. J. E. Fitzsimmons, Paxton, Ill.

TO EXCHANGE: TWO registered draft and one head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

## CHOICE FARM CLOSE TO KANSAS CITY

Are you thinking of buying a farm? If you are, will any old place suit you so the soil is good? We can get you rich, deep, alluvial soil at \$1 per acre, but it is down in a malarial, mosquito infested district of Mexico, 100 miles from a railroad. But if you care something about healthfulness, neighborhood and market, we can offer you until February 7th the best proposition we have had on our books in twenty-five years. It comprises 343 acres of nearly level land, not an acre of waste, with about \$7,000 worth of buildings, lying right against a beautiful city of 4,000 population, and only seventeen miles from Kansas City Stock Yards. Transportation, two steam lines and an electric. Will sell part or all, at an extremely low figure considering character of soil, location, neighborhood and market facilities. It will afford a luxurious farm home, and is just the place for a man of brains who knows how to take advantage of having one of the world's greatest markets right under his nose. Let us tell you more about this. (Will pay commission to agent effecting sale.)

**INLAND SECURITY COMPANY,**  
Water Works Building,  
**KANSAS CITY, MISSOURI.**

## THIS WINTER

will probably cause you to decide that you will look up a location where you can be sure of a better climate.

## THE BIG BEND COUNTRY OF EASTERN WASHINGTON

offers you the place possessing this advantage, as well as many others. Wonderfully productive soil for grain, fruit and vegetables. Freedom from destructive wind and electrical storms. Arrange to come and see this country as soon as possible. Land prices are bound to advance. Railroad fare refunded to purchasers. Write at once for illustrated pamphlet.

**THE BIG BEND LAND CO.,**  
Dept. 1 **WILBUR, WASH.**

## 400 Acre Farm For Sale!!

within four miles of Agricultural College at Ames, Iowa. One of the best stock and grain farms in Central Iowa. One very good set of improvements; farm principally tiled, always producing a good crop. Owners unable to handle it on account of other business. Farm is within two miles of a small town. Good market. Price \$85.00 per acre. No land adjoining this farm can be bought for less than \$100.00 to \$110.00 per acre.

For further particulars, address

**SMITH & DAVIS - - AMES, IOWA.**

## FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

**J. B. Streeter, Jr., Company,** Investment Bankers,  
Capital and Surplus, \$250,000.00.  
**LARIMORE, - - - - - NORTH DAKOTA.**

## FOR SALE CHEAP

To Settle an Estate

## NORTHWEST MISSOURI FARM.

330 acres very rich productive land, one mile to Railroad Station.

For particulars address

**S. G. GILLAM, - - - Maryville, Nodaway Co., Mo.**

## A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/2 miles from Osage City, Kan.; 45 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; 140 acres of this farm can be cultivated, balance is a little broken and has some stones, but is the very best of pasture; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 6-room house in good condition, barn for 8 horses, with loft; cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice grove around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-around farms in Osage Co., Kan. No trader considered. One-half cash, balance on time. Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

**Olander & Rapp, Osage City, Kan.**

**Farm Must Be Sold.** Quick sale, \$27.50 per acre. I will buy a 320-acre improved farm 7 miles of Aberdeen, a city of 9,000, Brown Co., S. Dak. \$5,000 cash, balance time. All ready to move into. If you want a bargain, call or address Packard, 621 Citizens' Bank Building, Des Moines, Ia.

**IOWA FARMS FOR SALE** Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

**DON'T FREEZE** Come to Virginia. 500 spec. bargains in farms. Northern farmers send for our new catalog. Learn about this country. Southside Realty Co., Inc., (Successors to Percival Bros.), Petersburg, Virginia.

**FARMS FOR RENT.** Iowa 80 to 640 acres, Minn., Wis., Neb., Kan., Mo., Ill. Cash or share rent. Write for list. Northern Iowa Land Co., Independence, Ia.

## New Wheat Lands In the Canadian West

160 ACRES  
**FARMS IN WESTERN CANADA**  
FREE

5,000 additional miles of railway this year have opened up a largely increased territory to the progressive farmers of Western Canada, and the government of the Dominion continues to give one hundred and sixty acres free to every settler.

## The Country Has No Superior

Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low; climate the best in the Northern temperate zone. Grain-growing, mixed farming, and dairying are the great specialties.

For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent

W. V. Bennett, 301 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 215 Jackson St., St. Paul, Minn.

## LET ME SELL YOUR FARM, HOME OR BUSINESS.

NO matter where located, or the price. If you want a quick sale, send description and the price. If you want to buy write me your wants. We can make you money in buying or selling.

**GLENN REALTY CO.,**  
349 Kansas City Life Building,  
Kansas City, - Missouri.



## TEXAS LAND.

ARE YOU INTERESTED?

WE have for sale lands in the Texas Panhandle, on the line of R. R. all the way from Oklahoma to New Mexico, from 1/4 section to 10,000 acres, at prices ranging from \$5 to \$20 per acre. Why go from 10 to 40 miles from R. R. to buy lands when you can buy it at the same price along the railroad—and frequently near large towns? Stop and give this question your attention, and write to us or call and see us. Correspondence solicited. Join our next excursion for Texas.

**BOYER & PETERSON,**  
Texas Land Dealers,  
408-410 Gumbel Bldg., - Kansas City, Mo.

## IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

**THE ALLEN LAND & LOAN COMPANY,**  
Laurens, - - - - - Iowa

## WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$8.00 per acre. Don't forget to write us for our list of Nebraska Lands.

**W. F. Smith Realty Co., Kearney, Neb.**

**800 ACRES,** Keith County, Nebraska, six miles from Ogallala, a fine horse and cattle ranch. About 200 acres in cultivation; 200 acres in tame pasture, balance good wild pasture. The owner will sell on favorable terms or will take some town property or small farm in part payment.  
**BOX 81, INDEPENDENCE, IOWA**

**A BARGAIN—244 acres** 3 miles from Emporia; 200 acres bottom, 65 in cultivation, 45 meadow, 10 in alfalfa, balance timber and pasture; good feed lots; house of 9 rooms, cellar, fine water, 2 good barns, cribs, chicken house, hog house, windmill and tank; 1/2 mile to school. Price \$75 per acre. Willis & Co., Emporia, Kan.

**80 Acres---Close to Railroad Town and School**  
TWENTY-FIVE acres cultivated; good 3-room house, barn, henhouse, granary, 2 wells, stock pond, 7 acres bearing orchard. Great bargain for \$600. **HOWELL REALTY CO., 310 Shurtz Bldg., Kansas City, Mo.**

**FOR SALE OR EXCHANGE:** 240-acre eastern city, residences, hotels, elevators, mills, livery barns, stock hardware, groceries, dry goods, general merchandise, stations, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

**FARMS WANTED,** in exchange for income property, residences, hotels, elevators, mills, livery barns, stock hardware, groceries, dry goods, general merchandise, stations, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MEEK,** Chillicothe, Missouri.

**IOWA FARMS.** Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

**Homeseeker, be careful.** Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. **Miller & James,** Meade, Kansas.

**FARMS FOR RENT AND SALE** on crop payments. **J. MULHALL,** Sioux City, Iowa.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Jan. 11, Fairchild & Stevenson, Onawa, Iowa.  
 Jan. 12, Hood & Baker, Dunlap, Iowa.  
 Jan. 15, A. L. Bergsten, Mt. Union, Iowa.  
 Jan. 16, W. W. Wheeler, Harlan, Iowa.  
 Jan. 16, S. G. Collicott, Lake City, Iowa.  
 Jan. 17, W. H. Hudson, Lohrville, Iowa.  
 Jan. 17, McNeil Bros., Bowen, Ill.  
 Jan. 17, John Hammer, Greenwood, Neb.  
 Jan. 18, C. E. Olsen, Colon, Neb.  
 Jan. 18, E. M. Castle & Son, Joy, Ill.  
 Jan. 19, August Voge, Portsmouth, Iowa.  
 Jan. 19, Jacob Wernsman, Cedar Bluffs, Neb.  
 Jan. 21, J. E. Rowe, Stockham, Neb.  
 Jan. 21, M. A. Cromwell, Gilbert Station, Ia.  
 Jan. 21, Grant Hockett, Manning, Iowa.  
 Jan. 22, G. W. Post, York, Neb.  
 Jan. 22, Hanks & Bishop, New London, Iowa.  
 Jan. 22, Jno. Weighton, Audubon, Iowa.  
 Jan. 23, J. A. Smith, Sciota, Ill.  
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.  
 Jan. 23, Peck & Putnam, Tecumseh, Neb.  
 Jan. 24, Stansell & Matern, McNabb, Ill.  
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.  
 Jan. 24, Reil & Cooper, Ferris, Ill.  
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.  
 Jan. 24, Paul Groupe, Tecumseh, Neb.  
 Jan. 25, F. E. Garrett, Lohrville, Iowa.  
 Jan. 25, N. B. Cutler, Carthage, Ill.  
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.  
 Jan. 26, Grant Chapin, Green, Kan.  
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.  
 Jan. 29, Claude Huffman, Scranton, Iowa.  
 Jan. 30, S. R. Quick & Son, Gosport, Ind.  
 Jan. 30, J. O. Hunt, Maryville, Kan.  
 Jan. 30, J. C. Danher, Yale, Iowa.  
 Jan. 30, O. E. Osborn, Weston, Iowa.  
 Jan. 31, Combination Sale, Martinsville, Ind.  
 Jan. 31, C. E. Pratt, Frankfort, Kan.  
 Jan. 31, R. J. Harding, Carson, Iowa.  
 Jan. 31, Norrish & Fevington, Kingsley, Iowa.  
 Feb. 1, Clarence Beavers, Holmes, Kan.  
 Feb. 1, W. A. Rankin, Carson, Iowa.  
 Feb. 1, H. R. Bell, Lawton, Iowa.  
 Feb. 2, John Fultz, Marysville, Kan.  
 Feb. 4, Roy West, Boudurant, Iowa.  
 Feb. 4, Austin Renshaw, Blair, Neb.  
 Feb. 4, Henry Weber, Friend, Neb.  
 Feb. 5, Manley & Co., Lyons, Neb.  
 Feb. 5, Sundburg & Olson, Madrid, Iowa.  
 Feb. 5, Frank Alldritt, Friend, Neb.  
 Feb. 6, E. Z. Russell, Blair, Neb.  
 Feb. 6, W. R. Bennethum, Madrid, Iowa.  
 Feb. 6, J. H. Husman, Exeter, Neb.  
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.  
 Feb. 7, H. S. Allen, Russell, Iowa.  
 Feb. 7, A. F. Sundell, Paton, Iowa.  
 Feb. 8, T. H. Isaac, Red Oak, Iowa.  
 Feb. 8, E. R. Wood, Jefferson, Iowa.  
 Feb. 8, O. Osborn, Maxwell, Iowa.  
 Feb. 9, W. J. Hartung, Maxwell, Iowa.  
 Feb. 10, Arch Brown, Waterloo, Neb.  
 Feb. 11, J. Stroh, Dewitt, Neb.  
 Feb. 11, S. P. Freed, Ames, Iowa.  
 Feb. 11, J. A. Teter, Remington, Ind.  
 Feb. 11, Geo. Schwab, Clay Center, Neb.  
 Feb. 12, J. M. Morrison & Son, College View, Neb.  
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.  
 Feb. 12, John M. Morrison & Sons, College View, Neb.  
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.  
 Feb. 12, A. P. Alsin, Boone, Iowa.  
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.  
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.  
 Feb. 13, C. W. Huff, Mondamin, Iowa.  
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.  
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.  
 Feb. 13, T. E. Laurie, Jacksonville, Ill.  
 Feb. 13, B. C. Maris, Polk City, Iowa.  
 Feb. 13, Bill East & Son, Clay Center, Neb.  
 Feb. 14, Shotwell & Menefee, Polk City, Iowa.  
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.  
 Feb. 14, Gilbert Van Patten, Sutton, Neb.  
 Feb. 14, B. W. Hale, Ladonia, Mo.  
 Feb. 14, White Hall, Yellow Springs, Ohio.  
 Feb. 15, G. E. Everts & Son, Gray, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Maupin & Applegate, Shelby, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, A. W. Harris & Son, Morganfield, Ky.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.  
 Feb. 16, Clark & Tryon, Wausau, Neb.  
 Feb. 18, John Lydon, Beldon, Neb.  
 Feb. 18, A. E. Poush, Chariton, Iowa.  
 Feb. 19, J. H. Habenicht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, John Black, Randolph, Neb.  
 Feb. 20, S. P. Briggs, Seward, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, E. R. Miller, Randolph, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. C. Holmes, Osmond, Neb.  
 Feb. 22, R. A. Tawney, Pierce, Neb.  
 Feb. 22, W. L. Addy & Son, Parnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 23, S. R. Murphy, Savannah, Mo.  
 Feb. 25, Wm. Sanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, M. A. Scliers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Bissing, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 28, Geo. Karchner, Wilcox, Neb.

## GRAND CHAMPION DUROC CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.  
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.  
 Feb. 2, Thomas & Hogsett, Golden, Ill.  
 Feb. 5, Fagan, Browning, Hess & McCabe, Hersman, Ill.  
 Feb. 6, Ed A. Baxter, Pawnee, Ill.  
 Feb. 7, Fred Kraschel & Son, Macon, Ill.  
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

## THE ONLY WAY DUROC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.  
 Feb. 20, John Schroterberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.  
 Feb. 21, Frank M. Erschen, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

## JACKS AND JENNETS.

March 1, W. J. Finley, Marshall, Mo.

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS.

Jan. 14, W. J. McLean, Rock Valley, Iowa.  
 Jan. 16, Geo. Bonewell & Jas. Duffus, Grinnell, Iowa.  
 Jan. 21, Combination sale, at Red Oak, Iowa.  
 Jan. 21, Jno. M. Bixler, Mgr., Corning, Iowa.  
 Jan. 29, F. A. Edwards, Webster City, Iowa.  
 Jan. 30, Combination sale at Shenandoah, Ia.  
 Feb. 6, C. F. Mitchell, Mgr.  
 Feb. 6, Geo. H. Miller, Harlan, Iowa.  
 Feb. 7, A. B. Garrison, Beattie, Kan.  
 Feb. 12, H. H. Hess & Sons, Surprise, Neb.  
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 21, J. Lefebure, Fairfax, Iowa.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 28, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Halgren, Vinton, Iowa.

## ABERDEEN ANGUS.

Jan. 16, H. J. Hess, Waterloo, Iowa.  
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.  
 Feb. 4, G. W. Fink, Maryville, Mo., dispersion sale, Hal T. Hooker, Mgr.  
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.  
 Mar. 7, C. H. Seibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 28, C. J. Martin, Churdan, Iowa.  
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HEREFORDS.

Jan. 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 Feb. 9, W. H. Leslie, Auburn, Iowa.  
 Feb. 14, Peter Mouw, Orange City, Iowa.  
 Feb. 21, J. M. & J. C. Robison, Towanda, Kan.  
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

## SHORT-HORNS AND DUROC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

## PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, J. M. & J. C. Robison, Towanda, Kan.  
 March 6, W. R. Wilson, F. E. Merrill and others, Arispe, Iowa.

## REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.  
 JACKS AND JENNETS.

Mar. 5, L. M. Monsces & Sons, Smithton, Mo.

## Dates Claimed for Live Stock Sales.

## POLAND CHINAS.

Jan. 8, E. H. Andrews, Kearney, Neb.  
 Jan. 12, H. C. Dawson & Sons, Endicott, Neb.  
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.  
 Jan. 29, John Schmieder, Remsen, Iowa.  
 Jan. 29, Geo. Regennitter, Bennett, Iowa.  
 Jan. 29, Snyder Bros., Winfield, Kan., and Stryker Bros., Fredonia, Kan., at Fredonia.  
 Jan. 30, C. A. Steel, Ogden, Iowa.  
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.  
 Feb. 2, Bert Fry, Plainfield, Iowa.  
 Feb. 5, Henry Dorr, Remsen, Iowa.  
 Feb. 6, A. B. Garrison, Beattie, Kan.  
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.  
 Feb. 7, Bridgford & Nesbitt, Aledo, Ill.  
 Feb. 7, W. I. Toop, Auburn, Iowa.  
 Feb. 8, T. J. Charles, Republic, Kan.  
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.  
 Feb. 11, Dan Needham, Woodward, Iowa.  
 Feb. 12, H. H. Hess & Son, Surprise, Neb.  
 Feb. 12, Jas. Watson, Madrid, Iowa.  
 Feb. 12, Reubel Bros., Rockwell City, Iowa.  
 Feb. 13, E. D. Keasey, Wiota, Iowa.  
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.  
 Feb. 15, Peter Mouw, Orange City, Iowa.  
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.  
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.  
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.  
 Feb. 20, H. C. Neal, York, Neb.  
 Feb. 20, W. J. Crow, Webb, Iowa.  
 Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.  
 Feb. 21, T. A. Davenport, Belmond, Iowa.  
 Feb. 21, W. N. Booth, Danbury, Iowa.  
 Feb. 22, Chas. Cook, Danbury, Iowa.  
 Feb. 22, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 27, W. W. Wheeler, Harlan, Iowa.  
 Mar. 13, B. E. Whittington, Earlham, Iowa, at Redfield, Iowa.  
 March 26, J. E. Walker, Anita, Iowa.

## SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.

## O. I. C. HOGS.

Jan. 18, Allen Bros., Russell, Iowa.

Feb. 6, 7, O. L. Kerr Est., Independence, Mo.

## SHORT-HORNS, HEREFORDS, ABERDEEN

## ABERDEEN ANGUS AND POLAND

## CHINAS.

March 27, J. H. Eno, Havelock, Iowa.

## THOROUGHbred HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

## FIELD NOTES.

Mr. N. P. Halgren, of Vinton, Iowa, announces a Short-horn sale to take place on June 19th, at which time he will sell about fifty head.

On March 6th Messrs. W. R. Wilson, F. E. Merrill and others announce that they will hold a public sale of Percheron horses, the same to take place at Arispe, Iowa.

Mr. J. Lefebure, of Fairfax, Iowa, will hold a public sale of Short-horn cattle and Chester White bred sows February 21st. See his new advertisement on page 34 of this issue.

Mr. S. J. Miller, of Kirksville, Mo., importer and breeder of Percherons, can save any who come to his barns from \$500 to \$1,000 on a stallion and sell them as good a horse as was imported this season. Mr. Miller has

two home-bred stallions in his barns that will be found extra good and by many would be preferred to an imported stallion. See page 38 for Mr. Miller's advertisement.

Mr. Hughes Atkinson, of Mt. Sterling, Ky., proprietor of the Kentucky herd of Hampshire swine, writes: "We are out of hogs, having turned down answers for twenty-five gilts this week."

Col. Harry W. Graham, of Chillicothe, Mo., president of the American Auction School, writes that their winter term of the school, from Ohio, Illinois, Iowa, Nebraska, Kansas, and Missouri.

A public sale of Short-horn cattle and Chester White bred sows is to take place on February 21st at Fairfax, Iowa. They are the property of Mr. J. Lefebure, whose advertisement appears on page 34.

Mr. J. O. Walton, of Belle Plaine, Iowa, is making prices on Barred Plymouth Rock cockerels, Pekin ducks, Toulouse geese and fox terrier dogs in his advertisement that appears on page 21 of The Homestead.

Mr. B. R. Burt, breeder of Chester White swine, Coggon, Iowa, reports that he is all sold out of boars, but that he has a few choice gilts at moderate prices. See his advertisement on page 34 of this issue.

Mrs. A. Kitson, of Audubon, Iowa, has Mammoth Bronze turkeys of both sexes and Black Langshan cockerels, both scored and unscored, as per advertisement found on page 21. She also has Pekin drakes for sale.

Seven splendid young Aberdeen Angus bulls are offered for sale by Mr. Frank B. Paup, of Kirkman, Iowa. There are some good herd headers among these, and he is pricing them very low. Write him if you want an Angus bull.

Messrs. Hunter & Smith, of Beatrice, Neb., are headquarters of Jersey cattle that win at the leading state fairs, as well as the pail and the churn. Write them if hunting a young bull or a few heifers for a foundation herd.

February 12th is named by Messrs. John M. Morrison & Son, of College View, Neb., as a date on which to sell forty-five Duroc Jersey sows, bred to what they consider the greatest living Duroc Jersey boar, Kan't be Beat 10239.

Mr. L. Maasdam, of Pella, Iowa, has a Percheron stallion for sale. He is imported and is coming eleven years old next spring. He is a sure breeder and weighs about a ton. The advertisement will be found on page 38 of this issue.

Mr. Robert Holm, of Paton, Iowa, can supply Homestead readers with Single Comb White Leghorn cockerels as per advertisement on page 21. He also has a few Barred Plymouth Rocks to dispose of. He will have eggs for sale in season.

In the new advertisement of Mr. Frank Warway, of Mt. Pleasant, Iowa, that appears on page 36 of this issue is offering choice Duroc Jersey gilts bred to Sambo 52791, a grandson of Tip Top Notcher, the \$5,000 boar, for sale at reasonable prices.

Mr. S. J. Philson, of Harlan, Iowa, breeder of Chester White swine, writes: "I am well pleased with the results of my advertisement in The Homestead. I have a few good boars left and a fine lot of bred gilts safe in pig." Mr. Philson's advertisement appears on page 34.

Mr. William M. Mercer, proprietor of the Maple Lawn Farm, and breeder of pure-bred Jersey cattle and Chester White hogs at Aurora, Ill., has something to say in his advertisement on page 34 of this issue that will be of interest to those of our readers who are looking for Chester White pigs. Mr. Mercer announces that his spring gilts were all sold by October 15th, but that he has some extra large August and September pigs on hand. He also makes the announcement that he is still receiving orders for spring



Imp. Roan Archer, the principal herd bull used in Village Creek herd of Short-horns, owned by Mr. W. H. Schafer, of Keensburg, Ill. See field notes.



pigs which he is unable to supply. He requests readers to place their orders now for his next spring's crop.

The Iowa State College, of Ames, Iowa, has for sale some good young Short-horn, Red Polled and Holstein bulls, also choicebred gilts of the following breeds: Chester White, Poland China, Duroc Jersey, Berkshire, Yorkshire and Tamworth. The advertisement appears on page 34.

Mr. J. C. Hoag, breeder of Poland China, in remitting for advertising already done, writes: "I have had good success in selling the pigs I have advertised, but I still have seven very good ones left which I will close out at right prices if taken immediately." Mr. Hoag's advertisement appears on page 36 of this issue.

Mr. W. A. Elliott, of Pocahontas, Iowa, is offering for sale or exchange the roan Short-horn bull, Merry Chamer 214876. His sire was Imp. Merry Hampton and dam, Chamer's Sister. He will be sold or exchanged for a dark red bull of equal quality. Merry Chamer is three years old. See advertisement on page 31.

Mr. S. O. West, of Berwick, Iowa, is advertising some Mammoth Bronze turkeys in this issue. Mr. West has been selecting his foundation stock with great care for years, and he has now some extra good young gobblers and hens for sale. His old bird weighs forty pounds in moderate flesh, and the young ones give every appearance of equaling in scale their dad. For further information address Mr. S. O. West, Berwick, Iowa.

Mr. William Malcolm, of Bigelow, Minn., reports that he is all sold out of Duroc Jersey boars. He writes: "I will have forty gilts of April farrow for sale and they will be bred to three first-class boars. These gilts are mostly sired by Gale 35169, sweepstakes boar at the Hamline show last fall. A few of them are sired by Pericles and C. W. Prince, by Crimson Wonder I Am." Mr. Malcolm's advertisement appears on page 36.

Mr. Claud Huffman, whose public sale of Duroc Jersey swine will take place at Scranton, Iowa, on January 29th, writes: "The sows are coming along fine, and will be bred to the great Proud Orion, Manly King and Only a Wonder, a son of Crimson Wonder I Am. The catalogs will be out about the 15th of January and I wish that all Homestead readers would send for one and watch for the advertisement which will appear in its columns in due time."

Choice Barred Plymouth Rock cockerels of Bradley and Thompson strains are offered for sale by Mrs. J. A. Campbell, Route No. 5, of Manning, Iowa, in her advertisement on page 21. In furnishing copy Mrs. Campbell writes: "Our stock are all in good condition. Have bred Barred Plymouth Rocks for the past twenty-three years, always trying to improve the flock. They are fine, large fellows with narrow, deep barrings. Mammoth Bronze turkeys are large and well marked. My Pekin ducks are also large."

The advertisement of Mr. C. M. Snyder, of Corydon, Iowa, appears on page 21 of The Homestead. He is offering Mammoth Bronze turkeys from high-scoring stock for sale. Mr. Snyder writes: "We have 150 fine Mammoth Bronze turkeys that are large of bone, well marked, weighing as high as twenty-eight pounds. One tom we recently sold scored 96½ points at the Humeston poultry show, December 4th. His score would have been somewhat higher had it not been that he had some broken wing feathers."

Jas. T. Dollison, of Sac City, Iowa, breeder of Duroc Jerseys and Short-horns, writes: "I have a few good Duroc Jersey boars, yet, for sale, and they are in nice condition. I have sold a boar to every man that came to my place to buy. They are large, growthy, heavy-boned fellows. I am breeding a bunch of very fine gilts to sell, to Fairview Wonder 44051, a son of Brighton Wonder and to Geo. W. 48363, a son of Tip Top Notcher, both very fine hogs. I have one yearling Short-horn bull for sale, a very nice one, and a few females for sale of the good kind at right prices."

"Money in Broilers and Squabs" is the title of a book in which the noted poultryman, Mr. Michael K. Boyer, brings this subject up to date. There are other topics also dealt with in this work of 150 pages. For instance, there are some special chapters on turkey and guinea broilers, also green ducklings and geese for market are topics that are discussed in detail. Mr. Boyer succeeds in this work in giving not only his own life-long experience, but also the experience of many practical men. The book sells for fifty cents and may be obtained by writing The Homestead, Des Moines, Iowa.

On February 8th at Red Oak, Iowa, Mr. Thomas H. Isaac will sell a draft of forty head of Duroc Jersey brood sows, and it will be one of the best offerings that he has ever made at public sale. Mr. Isaac has some of the best blood known to the breed, and his reputation as a breeder ranks among the best in the state. He is one of the breeders that has an ideal in view, and breeds accordingly. He is a stickler for a large bone, and wants it in his sows, and must have it in the boars he uses at the head of his herd. At his last fall sale he sold sixty head, fifty of which were boars, at an average of \$27.50, and it was one of the very best sales of the season. The breeders believe and rely on what Mr. Isaac says, and his neighbors swear by him, and when he makes a sale they are all there and they are not stingy in their bidding. If Mr. Isaac has made a reputation for one thing more than another it is for square dealing, and whenever he puts up an offering it goes for what the buyers are willing to pay. He will sell on February 8th an offering of Duroc Jersey sows that every

breeder and farmer can well afford to buy. We will have more to say about his offering in later issues of The Homestead.

Mr. W. E. Roby, of Truro, Madison county, Iowa, has chosen this number of The Homestead to announce an offering of Duroc Jersey gilts. These gilts, as will be seen by the advertisement on page 31, are of choice breeding and are especially strong representatives of the Crimson Wonder blood. Mr. Roby will be glad to see you at his farm or answer inquiries if you cannot visit him.

Mr. M. A. McWilliams, of Wall Lake, Iowa, writes: "I am all sold out of Duroc Jersey boars and have nothing to offer at present. My boar trade has been the best I have ever had. I am well pleased with the results from my advertising in The Homestead. We will have a bred sow sale February 22d, at which time we will offer the best lot of gilts that ever was raised at Sunny-Side Farm. These gilts are sired by Orion J., a litter brother of Arion and other good sires. They will be bred to a grandson of Duroc Challenger, also a son of Milbank and other good boars."

We desire to call the attention of our readers to something new in the line of a sanitary hen nest. This nest is designed to make the raising of chickens more sure, profitable and easy. No doubt it is just what a great many poultry raisers are looking for, and we would suggest that they accordingly write to the Haviland Manufacturing Company, Davenport, Iowa, and ask for their free book. It contains some very desirable information. It also sets forth the many advantages of this sanitary nest. On page 20 will be found their advertisement, which we kindly ask our readers to refer to.

Choicely-bred Poland China sows, yearlings and spring gilts can be secured from Mr. W. G. Griffith, of McNabb, Ill., whose new advertisement appears on page 31 of this issue. Mr. Griffith has been breeding Poland China hogs for a number of years and has sold many readers of this paper good breeding stock and can please the most discriminating buyers. He is also offering a number of White Plymouth Rock cockerels and pullets for sale. They are all from high-scoring stock and many of them are show birds. If in need of breeding stock write Mr. Griffith at once, kindly mentioning The Homestead as per the announcement in this issue.

Messrs. Fagan, Browning & McCabe, of Hersman, Ill., is the name of an old firm remodeled. Mr. John Hess having disposed of his interests in the firm and retiring from the business. A very good trade has been enjoyed by Messrs. Fagan, Browning & McCabe, many first-class Tip Top Notcher pigs having been sent out during the past few weeks. A nicely made pig by this noted sire was recently shipped to Mr. W. Al Jones, of Old Mission Farm, Jervis, Ore., who was much pleased with the pig. Although the express to such a distant point was high the pig arrived at his destination in good order. These gentlemen state that in the future as in the past nothing but choice pigs will be sent out from their herds. They realize that those who write them want

## LAND AND LIVE STOCK ADVERTISERS DELIGHTED

BETTER RETURNS FROM THE HOMESTEAD THAN FROM ALL OTHER ADVERTISING MEDIUMS COMBINED.

Mr. Henry Dorr, breeder of registered Poland China swine and Short-horn cattle at Remsen, Iowa, writes as follows: "Please discontinue my advertisement, as I am entirely sold out of boar pigs. My sows are doing finely. Accept my sincere thanks for the good work The Homestead has always done for me."

Mr. Wm. Lampmann, of Omaha, Neb., land and immigration agent of the Oregon Short Line Railroad Company, who has recently advertised the Idaho Irrigated Lands quite extensively in The Homestead, writes as follows: "I wish to say that The Homestead has been the best advertising medium for my business that I have ever tried, and I have tried many. Some papers bring plenty of answers, but they come from an undesirable class of people and rarely result in sales. My announcements in The Homestead have always paid me well."

good stock and under no circumstances do these parties wish to disappoint them. If in need of some nicely-bred sows, write them at once as per advertisement on page 31.

Mr. W. F. Hemmerling, of Dike, Iowa, writes in regard to the Model herd of Chester Whites: "Everything doing fine, the gilts I am offering for sale are making rapid growth and I consider them a lot better than equal. They are nearly all bred to that Peerless hog, Modeler 13235, to be shipped when safe in pig. They won't last long at the rate orders and inquiries are coming in. I have just received my annual catalog from the press, giving a fair idea of what the Model herd contains. It is free for the asking. Be friendly drop a postal for it today and mention The Homestead." Mr. Hemmerling's advertisement will be found on page 34 of this issue.

Messrs. A. M. Avery & Sons, Mason City, Iowa, breeders of Duroc Jersey swine, write: "We are having splendid demand for our boars and feel that we have shipped out many that will do our customers a lot of good. We still have a nice lot of desirable boars that should find ready sale, as we are pricing them well worth the money. Our gilts are coming along nicely and we can place about thirty at private treaty, besides our contribution to our bred sow sale with Mr. George Purdy, February 22d. Parties desiring Short-horn bulls of the beef and milk strain will do well to look after those we are offering." Messrs. Avery's advertisement appears on page 36 of this issue.

Mr. T. W. Peterson, of Hatfield, Mo. (formerly of the firm of Messrs. Peterson Bros., of Lorimer, Iowa), has again started a herd of Short-horns down in the state where they show people. He recently purchased twenty head of choice young heifers, mostly out of imported and Scotch-topped Young Phyllis, Rose of Sharon and Young Mary cows. Most of these are sired by a son of Imp. Baron Cruickshank and Stakeholder, a double grandson of Imp. Cupbearer. To top these off he purchased an extra fine Scotch bull, a son of Imp. Crescent Knight and out of Imp. Clara 59th, both bred by Mr. Marr. Five of the dams are also bred by Mr. Marr. The sire of this bull sold for \$1,250 and the dam for \$1,200 in Canada, and the sire of Imp. Crescent Knight, Bampton Glory—sold for \$10,000 to Argentine breeders. With this foundation, Mr. Peterson will be able to build up another good



# GRADE YOUR GRAIN FOR BIGGER CROPS

Actual results prove that graded grain yields from 5 to 15 bushels more per acre. It is more proof against rust and smut, of better quality and brings higher prices. No farmer should be without the

## LITTLE STAR COMBINED CORN SORTER, GRAIN GRADER AND GRASS SEED CLEANER

It has 7 riddles, 4 double wire screens, making double the screen surface for its size of any other machine of its kind. It does the work of three machines but sells for the price of one. It cleans, separates and grades any kind of seed or mixture of any 4 similar seeds all at the same time. Does perfectly all seed work for a 160 acre farm. Pays for itself annually on every 20 acres. Price freight paid, \$19.95. Order today.

**HALL GRAIN GRADER CO., 224 Locust St., Winfield, Iowa.**

## WANTED FURS, WOOL, HIDES—

Being a WHOLESALE, I can give you a HIGHER price than any AGENT. AGENTS BUY FOR WHOLESALE and RECEIVE A COMMISSION FOR THEIR WORK.  
**I CHARGE NO COMMISSION**  
I buy your hides, wool and furs OUTRIGHT at the HIGHEST PREVAILING WHOLESALE MARKET PRICE. No shipment TOO LARGE or TOO SMALL for me to handle. WRITE FOR PRICE and SHIPPING TAGS. : : : : COATS, ROBES and FUR GOODS MADE TO ORDER.  
**JACOB HOLZ, 1003 No. 16th St., Omaha, Neb.**

Short-horn herd in his new home in Missouri, and we wish him all kinds of success. He is a young man that deserves every measure of prosperity, and we hope he will get all that is coming to him.

We announce in our date claim column this week a public sale of Poland China swine and Short-horn cattle which will take place at Belmond, Iowa. These animals are the property of Mr. T. A. Davenport. In furnishing the date, he writes: "I will sell thirty-five nice gilts, all by Superior Sunshine 92455 and bred to Pike Timber Perfection 117031, and Pike Timber Modeler 115909. Pike Timber Perfection is a yearling son of Proud Start Sister 204520 and Jewel Perfection 81342. Pike Timber Meddler is also a yearling and is out of Proud Perfection 204628 and was got by the great boar, Meddler 99999. Besides these thirty-five gilts I will sell fifteen aged tried brood sows, principally bred to Superior Sunshine 92455; then if my bulls are not all sold before the sale, I will sell them also."

Mr. F. A. Edwards, proprietor of the Bluffview herd of Short-horns at Webster City, Iowa, writes under recent date as follows: "Cattle at Bluffview are coming through the winter in nice shape; there is not a day but what they go to the pasture, the same as they did in summer. The blue grass along the river on the bottom pasture is fine. We aim to keep the cattle out in the open as much as possible. Have had thirty calves this fall and never lost one. By the way, the calves from Secret Viscount are just

## DES MOINES-TANNING CO.



Hides Tanned and Mfg.  
into Coats, Robes,  
Rugs, Etc.

**WE GUARANTEE  
OUR WORK**

**DES MOINES-TANNING CO.**  
Des Moines, Iowa.

WRITE FOR FREE BOOKLET NO. 54

sale. He is a dark red, deep, blocky animal and a sure breeder. I will make a surprisingly low price on this fellow to buyers and I also have some good cows and heifers, all red. I will sell my entire herd, as I cannot do justice to both cattle and hogs. I have fifty Rose Comb Brown Leghorns for sale at \$1 each or six for \$5."

**EVERYTHING IN THE POULTRY LINE.**  
On page 21 will be found an advertisement that every poultry breeder or beginner should be interested in. The illustrated book, "Profitable Poultry" tells all about poultry from A to Z. It starts you on the right road. This book is published by a noted poultry farm where everything in the line of fowls, eggs, incubators, etc., are kept and sold. Write to Berry's Poultry Farm, Clarinda, Iowa, and be convinced of this offer.

### WHAT'S A STEER'S LIMIT?

A very important question is asked by the Prussian Remedy Company of St. Paul, Minn., in their advertisement that appears on page 26 of this issue. Of course every reader of The Homestead who has steers on feed is desirous of making the most pounds. One of the best ways to get your feeders up to their limit is to use Prussian Stock Tonic. If your dealer does not keep it on hand send to the Prussian Remedy Company, St. Paul, Minn. Price for a twenty-five-pound pail will be found stated in their advertisement on page 26.

### A PLEASSED CUSTOMER.

Messrs. Thomas & Hogsett, the well-known Duroc breeders, of Golden, Ill., recently shipped a son of Tip Top Notcher to Mr. Robt. Hall, of New Albany, Kan. On receipt of the pig, which cost Mr. Hall \$1 per pound, he wrote Messrs. Thomas & Hogsett as follows: "The pig arrived in good condition and I am very well pleased. He is the largest-boned pig I have ever seen of his age." This firm always please and their descriptions can be depended upon. If in need of a good fall boar write these gentlemen at once, kindly mentioning The Homestead.

### THE HOMESTEAD DID THE WORK.

A recent letter to our representative who travels in eastern Iowa, from Messrs. G. P. Tyrrell & Son, of Oxford Junction, Iowa, breeders of Duroc Jersey and Poland China swine, says: "Our boars are all sold through our advertisement in The Homestead. We will have some gilts for sale that are hummers. These gilts are being bred by the best boars we ever owned. We are keeping our Duroc Jersey boar, Eureka, and breeding him to the Rosewood sows. Tell your readers that if they want something choice in the way of Duroc Jersey gilts to get their orders in early."

### WERNSMAN SELLS DUROCS JANUARY 19TH.

One of the good Duroc Jersey bred sow sales to be held early in January is that of Mr. Jake Wernsman, of Cedar Bluffs, Neb. On a recent visit to this herd we found everything coming along fine. Mr. Wernsman seems to think that he has a good lot of useful sows to offer and after a careful inspection of the herd we are convinced that it is no joke. In this herd can be found as good a lot of the useful kind of brood sows as you will seldom see anywhere. His offering will consist of ten two-year-old sows, fifteen yearlings and about twenty good spring gilts, the tops of this year's crop of pigs. Most of the yearling and two-year-old sows will be bred to that grand old sire, Chitwood, the sire of Junior Jim, first-prize yearling hog at the Nebraska State Fair in 1905. This hog has been a wonderful breeder, having produced some of the best stuff in this herd. Nutwood by Chitwood is proving a good sire and some of the very best yearlings

My name is on only good  
lamp-chimneys and is a guide  
to lamp-chimney satisfaction.  
Let me send you my Index.  
It is free.

Address, MACBETH, Pittsburgh.



will be bred to him. Young Surprise by Surprise is the sire of some of the good things in this offering and some of the best sows will be bred to him. Mr. Wernsman purchased a young boar, Col. W. by Col. Perfection, from the B. C. Martz herd at Polk City, Iowa, that is one of the most promising pigs sold this year. He carries a nice style in head and ear, is well filled in the fore-quarters and around the heart, has a strong back and smooth side lines, with even width, a strong, heavy bone of good quality and gives promise of developing into an unusually strong individual at maturity if properly grown. Mr. Wernsman is using this pig on several of the good gilts to be included in the sale. Remember the date, January 19th, and arrange to attend this sale.

#### MOATS & SON'S PERCHERON HORSE SALE.

On January 26th, Messrs. M. S. Moats & Son, of Randolph, Neb., will make a public sale of registered and high grade Percheron horses and mares. Nearly all of these have been bred by this well-known firm, and are largely sired by McMahon, one of the best horses ever used in northern Nebraska. There will be yearlings, two and three-year-olds and a few older horses. There will be some splendid grade horses, fit to go anywhere, and will make excellent horses for express companies or farmers. Buyers of high-class Percheron grade horses and mares cannot afford to miss the Moats sale. Write the above firm about their offering and if you want a good team or some heavy drafters it will certainly pay you to attend their sale.

G. W. FINK, OF MARYVILLE, MO., TO DISPERSE HIS HERD OF ABERDEEN ANGUS.

Aberdeen Angus breeders throughout the corn belt of America who are on the lookout for choice animals to add to their herds or the man who is thinking of starting a herd will be given a most excellent opportunity to secure as good as the breed affords at the dispersion sale of Mr. G. W. Fink, of Maryville, Mo., on Monday, February 4th. Mr. Fink has always been a very discriminating buyer, selecting his foundation stuff with care, securing good bulls for herd bulls and above all has grown his stock well. The young things that go in the sale will show that Mr. Fink has made few mistakes in his breeding operations. The herd consists of about forty head and must be sold, as Mr. Fink has rented his farm and gives possession March 1st. In future issues more will be said of the offering, but a card now asking that your name be put on the list for a catalog will insure your getting one early. Mr. Hal T. Hooker, of Maryville, Mo., will manage the sale for Mr. Fink and inquiries can be addressed to him or to Mr. G. W. Fink, at Maryville, Mo.

#### HUDSON'S DUROC JERSEY SOW SALE.

On January 17th, at Lohrville, Iowa, Mr. W. H. Hudson, will make his first annual public sale of Duroc Jersey brood sows. In this sale will be thirty-five head of fall yearlings, and matured sows, and an especially choice lot of spring gilts. We feel that we cannot say too much about the latter, and Mr. Hudson is to be complimented on being able to put into this sale as good a lot as he will offer the boys on this occasion. While a young breeder he has had the foresight to secure the blood of the very best hogs known to the breed, and as blood invariably asserts itself it will be found in the offering that he will have in this sale. He is selling five fall yearling sows and five matured brood sows, the rest all being spring gilts. These will be bred to Ohio Chief Primrose, a son of the great Ohio Chief and out of a granddaughter of the noted sweepstakes sow, Nebraska Belle; Jim's Junior, a son of the noted prize-winning boar, Junior Jim, and Re-Echo, a son of the Iowa and Nebraska State Fair winner, Critic's Echo. Here is certainly a combination of blood lines that will appeal to all lovers of the Duroc Jersey. One of the very best brood sows that he will offer is Lady Belle, a long, deep-bodied sow, with an extra good back and ham, is particularly strong on her feet and she is bred to his Ohio Chief boar. Marshal H. is another good matured sow and she is a granddaughter of the noted boar, Tolstoy, the sire of Crimson Wonder, and she will be bred to the same hog. He also catalogs two granddaughters of old Orion in this sale. The gilts are sired by Orion's Ideal, a son of Orion; Young Advance, a son of Proud Advance; Wonder I Am, a grandson of the sweepstakes boar, Crimson Wonder I Am, and Chief Perfection. These gilts are especially nice in head and ear, and there is not an off one in the entire bunch. Their color is invariably on the cherry red order, and they have the spring of rib and depth of ham. Those breeders who are want-

ing a few good things to add to their herd will find them in this sale. Write Mr. Hudson for catalog and make a study of the blood lines in his offering, and you will then conclude that you should attend this sale. Kindly mention The Homestead when writing. See page 36.

#### SHORT-HORN BULLS FOR SALE.

Mr. N. P. Halgren, of Vinton, Iowa, proprietor of the Evergreen Stock Farm, is offering a number of Short-horn bulls for sale in his advertisement that appears on page 31 of this issue. The offering includes his Cruickshank herd bull, Prince Royal 175494, got by Imp. Prince Oderic, and nine young bulls sired by him. They are all dark red and range in age from one to two years old. He asks Homestead readers to come and see them. His prices will be low, quality of stock considered.

#### COLLICOTT'S DUROC JERSEY SALE.

On January 16th, Mr. S. G. Collicott, of Lake City, Iowa, will make his first annual sale of Duroc Jersey brood sows, and he is offering forty head that will pass the most critical inspection. It is seldom that a new breeder puts in as good an offering as Mr. Collicott will sell in this sale. There will be thirty head of yearling and matured brood sows and ten choice spring gilts. These will be bred to S. G.'s Crimson Improver 50101, a son of the noted Iowa State Fair sweepstakes boar, Crimson Wonder I Am, and also to Waveland Ohio Chief 50133, a son of the noted World's Fair boar, Ohio Chief. The sows are a splendid lot of producers, tracing to such noted sires as Higgins' Model, Orion, Belle's Chief, Tip Top Notcher and Leather Stockings II. The gilts are a most uniform lot, are in nice condition, and bred to the boars mentioned above will certainly be worthy the attention of breeders and farmers who want good Duroc Jersey sows. Mr. Collicott extends a special invitation to breeders to attend his sale and he hopes to show them a hunch of sows that they can well afford to buy. Write him for a copy of his catalog and kindly mention The Homestead.

#### HEADQUARTERS FOR PERCHERON, BELGIAN, ENGLISH SHIRES, FRENCH AND GERMAN COACH STALLIONS.

On this page of this issue will be found the new announcement of Messrs. Champlin Bros., of Clinton, Iowa, of their plan for selling stallions. Their new importation of sixty-five head landed in August. These young stallions range in age from two to five years. They also have a small number of very superior Belgian mares for sale, these mares being in foal. These gentlemen make the most liberal contracts, selling on an entirely new plan, and grant insurance or protection for two years from the date of the sale on every horse purchased of them under this new plan. Their new and commodious barns, located near the street car line, between Clinton and Lyons, Iowa, only seven minutes' ride from the depot or hotels, affords them one of the best locations for transacting business of this nature, of any importers in the country. Homestead readers will do well to correspond with them at once and learn something more of this new plan of selling horses. The watchword at the Champlin Bros. barn is "More size, quality, style, finish, action and better breeding than can be found elsewhere for the same money."

#### C. E. OLSON SELLS DUROCS JANUARY 18TH.

Mr. C. E. Olson, of Colon, Neb., will hold his annual brood sow sale at his farm, two and one-half miles east of town, on January 18th, at which time he will sell forty head of the best animals in his herd. Five of them are aged sows, ten good yearlings and the balance spring gilts. Most of the younger stuff in the sale are daughters of Gold Dust Jim 2d, a son of the old show boar, Gold Dust Jim, first-prize hog at the Iowa State Fair in 1904. Others are sired by Governor, a son of Crimson Wonder, and will be bred to such boars as Colon's Model by Van's Hero, and Improver III, a grandson of Improver II. This sale is the second day of this circuit and can be easily reached from the Hammer sale the day before, as parties wishing to attend the circuit will be conveyed free of charge from the Hammer sale to Greenwood in plenty of time to reach Colon. Mr. Olson will offer nothing but the very best he has, and the breeding is of the most noted blood of the breed, representing the blood of Higgins' Model, Red Chief, I Am Crimson Wonder, Gold Dust Jim and several other great boars of show-yard fame. Catalogs explaining everything will be ready about the first of the year and one can be had by addressing Mr. C. E. Olson, of Colon, Neb. Get a catalog and arrange to attend these sales.

#### CASTLE & SON'S DUROC AUCTION.

Readers of The Homestead are cordially invited to attend the annual bred sow sale of Messrs. E. M. Castle & Son, of Joy, Ill., which will be held on Friday, January 18th, the day following the sale of Messrs. McNeill Bros., of Bowen, Ill. Forty head have been selected for this sale. This lot is divided as follows: Twelve aged and yearling sows and twenty-eight gilts. It is hardly necessary to describe at length the quality and breeding of the offering other than to state that this lot is made up of strictly tops of over 300 head. Messrs. Castle have been liberal purchasers from the best herds. The advertisement on page 31 contains the list of blood lines represented and the sires in use in the herd. The blood of Tip Top Notcher, Kruger, Major R., Royal Plummer, American Royal, Proud Advance, DeSoto's Model, Stoner's Improver and other noted sires is found in the offering. Seldom, indeed, is such a variety of good breeding found in a bred sow sale. The principal herd boar in use is Perfection Chief 34729. This boar, just two years old, is one of the best sires in use in the middle West. Individually he will please the most discriminating judge. He has a nicely-dished face, nicely-tipped ears well placed, wide between the eyes, extra good back and loin, with well-sprung rib, deep, wide, full hams and stands on extra good feet and legs. He has a creditable list of winnings to his credit as follows: First prize yearling boar, 1905, and first-prize aged boar, 1906, Wisconsin State Fair; second-prize yearling boar, 1905, second-prize aged boar, 1906, Minnesota State Fair; third-prize yearling and headed third-prize young herd, 1905, Iowa State Fair. Fifteen sows are bred to this boar

## CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

EASIEST TERMS.  
PROTECTION FOR TWO YEARS.  
MOST LIBERAL CONTRACTS ON EARTH  
A NEW PLAN



FINEST HORSES:  
BREEDING, SIZE, QUALITY, STYLE, FINISH, ACTION, DARK COLORS.  
GUARANTEED FOAL GETTERS.

### Our Own New, Personally Selected, Direct Importation.

A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.

## SCOTCH AND SCOTCH TOPPED SHORT-HORNS

ROCK VALLEY, IOWA, JANUARY 14, 1907.

REPRESENTED BY

42 33 Females, 9 Bulls, 7 Head Scotch Cows and Heifers, 4 Scotch Bulls. 42

I have selected some of the best things in my herd for this sale. The Scotch tribes are represented by Victoria, Mysie, Matchless, Narcissus, Generosity and Honey Flower families, while the Scotch-topped sorts are among the best I have ever sold. A great many of these will be safe in calf or will have calf at foot to my splendid Scotch bull, Valley Sovereign, and Morning Joy. I am selling a splendid lot of bulls, four of which are straight Scotch and one of these is by the great bull, Ceremonious Archer. Write for catalog at once. Please mention The Homestead when writing for catalog. Address,

W. J. McLEAN,  
ROCK VALLEY, - IOWA.  
COL. GEO. P. BELLows, AUCT.



### EXPANSION-GRAND LOOK Bred Brood Sow Sale

BY  
H. C. DAWSON'S SONS,  
At Fairbury, Neb.,  
Saturday Afternoon, Jan. 12, 1907.

THE BIG, MOTHERLY, BIG BONED, BIG LITTER KIND.

A DRAFT from the Expansion show herds that won at Nebraska, Kansas and Missouri Interstate, 1906. Sows bred to Expansion, the original big hog of the west, and to Grand Look, the 17 times first and Sweepstakes boar of the west, 1906, and to Hutch, 1st 2-year old, Kansas and Interstate. We offer here the cream of our individuals, show sows, sweepstakes sow ribbon eaters of 1906, sired and bred to the biggest boars in the west and from the Original Big Boned Herd of Nebraska. It's easy to talk of 1000 lbs. and it's hard to produce them. Expansion boars weigh out. Expansion See's certified weight is 1,125 lbs. and he won in aged class, Nebraska, 1906; Hutch 82287 weighed 1,020; What's Ex. and Pan Jr. close to 900 lbs., and also won. If you want this kind, "The General Utility and Big Kind," come or send us a bid. "No Hot Air!" We will deliver this kind in the sale ring at your price, the best we can sell either public or private this season. Send bids to auctioneers or newspaper representatives. For catalogs address,

H C. DAWSON'S SONS, - ENDICOTT, NEB.  
Cols. Zeb. S. Branson, John Brennan, C. W. Smith, Auctioneers.

## COLLICOTT'S DUROC JERSEY SOW SALE

To Be Sold at His Waveland Stock Farm

LAKE CITY, IOWA, JANUARY 16, 1907.

30 Yearling and Matured Sows and 10 Very Choice Gilts.

THE blood of Old Higgins' model, Belle's Chief (the World's Fair boar), Tip Top Notcher, Leather Stockings I and Adjuster is behind this entire bunch. These are bred to S. G.'s Crimson Improver 50101, a son of Crimson Wonder I Am and Waveland Ohio Chief.

S. G. COLLICOTT, - LAKE CITY, IOWA.

Col. F. F. Luther, Auct.

and should prove valuable additions to any herd. Those present sale day will have an opportunity of seeing this boar. Other sows are bred to Sue's Tip Top Notcher, a creditable son of the World's Fair champion, Tip Top Notcher. This young boar gives promise of making something extra good, and crossed with such sows as Messrs. Castle have included in this sale will be worthy of attention of discriminating breeders. Several

gilts are bred to Prince Paul, a son of Champion Paul, he by Oom Paul. This boar is one of Messrs. Castle's raising and is an extra good one and should prove a very good sire. Individually he is of the show-yard type. A select lot of gilts are bred to Prairie Advance, a son of the noted Proud Advance. We again wish to urge our readers to be present at this, one of the early brood sow sales of 1907. Sale will be held in town of

## MARTIN'S GRINDERS

Are The Grinders That Grind.



The great grinding capacity of these grinders and their low cost makes it profitable to throw away your old grinder no matter what its kind, as others are doing and get one of these.

SENT ON 10 DAYS' TRIAL.

All Sizes From One to Sixteen Horse-power.

Send for catalog, state what power you have and mention this paper.

M. R. MARTIN, - St. Louis Park, Minn.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,  
Blandinsville, - Illinois

## KEELEY CURE.

CURES LIQUOR, Neurasthenia, Drug and Tobacco habits. Send for free booklet. Address

KEELEY INSTITUTE, INC.,

706 Fourth St., - Des Moines, Iowa



# Prairie Farm Durocs at Auction

## At Joy, Illinois, Friday, January 18, 1907

**40** Head of choicely bred Duroc sows. 12 aged and yearling sows **40**  
several of which have raised fall litters of show yard merit. 28 gilts

We have selected the tops of over 300 head for this offering and have drawn upon some of the very best herds of the breed for our foundation stock. The blood of Tip Top Notcher, Kruger, Major R., Royal Plummer, American Royal, Proud Advance and other famous sires is found in this offering. Many of the offering are sired by the state fair prize winner, DeSoto's Model. Sows are bred to Perfection Chief 34729, first-prize yearling 1905 and first-prize aged boar 1906, Wisconsin State Fair; second-prize yearling, Minnesota State Fair, 1905; second-prize aged boar, Minnesota State Fair, 1906; third-prize yearling, Iowa State Fair, 1905, and headed third-prize young herd, 1905, Iowa State Fair.

A LIMITED NUMBER OF SOWS ARE BRED TO THIS NOTED BOAR.  
Other sows are bred to Sue's Tip Top Notcher 53955 by Tip Top Notcher; Prairie Advance 53957 by Proud Advance; Prairie Paul by Champion Paul; Dreamland Major 53959 by Major R., a World's Fair winner. Individuality combined with the richest blood lines the breed affords makes this one of the most desirable offerings of the year. Write for catalog at once.

## E. M. Castle & Son, R. 3, Joy, Ill.

Send bids to D. M. Pierce, representing this paper in care of Messrs. Castle. Cols. Reppert & Keil, Aucts.



Perfection Chief 34729, first-prize yearling 1905 and first-prize aged boar, 1906, Wisconsin State Fair; second-prize yearling, 1905, and second-prize aged boar, Minnesota State Fair, 1906; third-prize yearling boar and headed third-prize young herd, Iowa State Fair, 1905.

Joy in comfortable pavilion and all breeders and farmers present will be well cared for. Joy is located on the Keithsburg and Galva branch of the Burlington railroad and connections can be made immediately after the sale with trains in all directions out of Burlington. Write for catalog at once, as per advertisement on this page, kindly mentioning The Homestead. Bids sent to Mr. D. M. Pierce will be properly handled.

### E. H. KNICKERBOCKER'S BELGIANS.

Mr. E. H. Knickerbocker, of Fairfax, Iowa, who has been engaged in handling Belgian stallions for a number of years, has recently landed twenty-one head of that famous old Flemish stock that has perhaps done more for the draft breeds than all others, and now offers them to the public. In the lot are sixteen stallions from two to five years old, of the choicest colors, blacks and bays predominating, with a few of the old original roans. Mr. Knickerbocker imported five mares for his own use, but we are of the opinion that a handsome span might be secured by some appreciative buyer who is willing to pay a good round sum. However, we would not give it out as a positive fact that any of these mares are for sale. Fairfax is but seven miles from Cedar Rapids, and on two lines of railway. Note the new advertisement on page 38.

### LORTON'S DUROCS.

Mr. I. J. Lorton, of Union City, Ind., proprietor of the Clover Blossom herd of Duroc Jerseys, writes as follows in regard to his herd: "Herd in best of shape and trade fair. Among my recent sales is a fine I. J.'s Chief gilt to Mr. H. G. Kessler, of Cassopolis, Mich.; a Col. Perfection boar to Mr. D. H. Jordan, Palestine, Ill.; another Col. Perfection pig to Mr. John C. Deubner, Glenview, Ohio; and I. J.'s Chief boar to Dr. C. B. Pendleton, Middleton, Ind., at satisfactory prices and all well pleased. We have recently added a young boar by Decatur King 14069, he by Echo King 8671 out of Decatur Queen 1st 27012, dam by Ed's Col. 8035. He is a growthy, heavy-boned boar, has fancy head and ear, a very fine coat and color. We are using him on our I. J.'s Chief 45797 gilts and a few others. I. J.'s Chief is doing fine service and is as spry as a pig. We are now offering as fine and growthy a lot of gilts as you will find anywhere. Size 225 to 300 pounds. These gilts are mostly sired by Col. Perfection 16135 (a) 45751 (n), and are bred and will be sold for March and April litters."

### McKEEVER'S LARGE-BONED POLANDS.

A herd of Poland China hogs that would attract the attention of all lovers of the large type of Poland Chinas is that of Messrs. McKeever & Sons, at Hubbell, Neb. It is quite a treat to visit a herd of this kind, as it shows a great work and study on the part of the proprietors in building a herd of hogs to such size and easy feeding qualities. It will be remembered that this is the firm that recently purchased a one-third interest in the great yearling boar, Grand Look 38305, first-prize hog at the Nebraska State Fair in 1906, and sweepstakes at Kansas State Fair, also first and sweepstakes at St. Joe. He was sired by King Look 24459 and having for his dam Valley Girl by Ideal Black U. S. 2d, and a better hog can rarely be found anywhere. This is also the home of Expansion See 37198, which is without doubt the largest Poland China boar doing service today. This great hog is a son of old Expansion and weighed 1,125 pounds in show shape at the Nebraska State Fair in 1906. There will be several daughters of this great hog in their coming brood sow sale, which will be held at Hubbell, Neb., on January 31st, and they are as smooth a lot of sows as we have had the pleasure of looking at in a year. Some of these sows will be bred to Grand Look, which ought to be a wonderfully good cross. Mr. McKeever has a great combination of prize-winning blood and we can recommend them to anyone wishing a Poland China sow of the large type. Write them and mention The Homestead.

### A GREAT SEED BOOK.

Ferry's great 1907 seed book is now ready for distribution. This is the book that every farmer wants and waits for. It makes no difference what other catalogs are received, farmers are not satisfied until they get Ferry's, because it contains better and fuller information. Ferry's seed annual, in fact, is really more than a catalog. It differs from the usual seed catalog inasmuch as it really helps each farmer or gardener to choose intelligently the varieties best suited to his particular needs. The wise selection of varieties results in bigger, better paying crops. The experience gained in fifty years of successful seed growing is thus at your command. For freshness, purity and reliability Ferry's seeds are in a class by themselves.

They are known all over the land, and farmers everywhere have confidence in the name of Ferry, and know for a certainty that their seeds can be relied upon. They know that every package has behind it the reputation of a house whose business standards are the highest in the trade. Just drop a postal to Messrs. D. M. Ferry & Co., Detroit, Mich., and they will send you a copy of their 1907 seed annual. It is absolutely free.

### HIGH-CLASS HEREFORDS IN THE SOUTH OMAHA AUCTION.

Friends and admirers of the best type of the present day Herefords should keep in mind the auction to be held under the management of Mr. W. C. McGavock, of Springfield, Ill., at South Omaha, Neb., on January 19th. Mr. N. J. Hiltbrand, of Lostant, Ill., is sending to this auction some of the thickest-fleshed, most symmetrical animals of the breed, and they also possess the bone and scale so much desired by western breeders of this breed. They are got by such noted sires as Beau Donald 23d, Phil Armour, Actor, Imp. Albany, and they include imported as well as American-bred animals. Mr. H. K. Philson, of Harlan, Iowa, consigns grandsons and daughters of Peerless Wilton 26th, Weston Stamp 16th, Imp. Improver and other noted bulls. The females in this consignment nearly all have calves at foot and they are a very profitable and useful kind for purchasers to invest in. Mr. W. J. Pellett, of Atlantic, Iowa, and Hugh Whiteford, of Guilford, Mo., are also among the consignors. Manager McGavock will be glad to mail catalog to all interested and we insist that western breeders, ranchmen and farmers turn out on this occasion.

### BREEDERS' COMBINATION HORSE SALE.

On Wednesday, Thursday and Friday of next week, January 9th, 10th and 11th, the annual breeders' combination sale of registered horses will be held in the large coliseum at Bloomington, Ill. Under the direction and management of Messrs. C. W. Hurt, of Arcwsmith, Ill., and D. Augustin, of Carlock, Ill., these annual sales have been very successful events, and the horses cataloged for the forthcoming sale are as good a lot as have gone under the hammer in recent years. Bloomington is centrally located, thus affording splendid shipping facilities. On Wednesday and Thursday, 140 head of registered Percherons, French draft, Shires, Clydesdale horses, mares and stallions will be sold at public auction, and on Friday sixty head of registered trotters, grade draft, coach, all-purpose and saddle horses, stallions, mares and geldings will be offered. The catalogs are now ready and will be sent to all who write. The readers of this paper should plan to be present at this important sale, especially if they are in the market for a good stallion or some extra good mares. The list of consignors includes the names of some of the best known and most successful breeders of the middle West who are putting in nothing but good stock. Write for catalog today, and plan to be present at this important sale next week. Please mention this paper when writing.

### McNEIL BROS.' NOTED BROOD SOW SALE.

We wish to call the attention of our readers to one of the most noted brood sow sales of 1907, that of Messrs. McNeil Bros., of Bowen, Ill. Those familiar with Duroc history have noted that for the past few years Messrs. McNeil have been among the leaders in placing the Duroc at the top of the ladder. The writer, Mr. D. M. Pierce, representing The Homestead, has been familiar with this well-known herd for some years past. The very best boars which could be found for sale have found ready attention at the hands of these enterprising gentlemen. Notably so, the herd boar, Hanley. He was secured at public auction at \$310 and Messrs. McNeil have on more than one occasion refused \$2,000 for this noted show and breeding boar. His sire, None Such, was a noted prize winner. His dam, Bright Star II, by Echo King by Sensation, was a producer of show-yard winners. Hanley has proven a valuable sire and his get are of the kind sought after by the most discriminating buyers. Twenty-five head go into the sale bred to this noted sire. This fall Messrs. McNeil Bros. were in need of a boar to cross on the produce of Hanley. After visiting the leading state fairs and carefully inspecting the boars on exhibition they decided to purchase a son of the World's Fair winner, Tip Top Notcher. This boar, Helen's Tip Top Notcher, was purchased in the record-breaking sale of Messrs. Fagan, Browning & McCabe. He brought \$1,000, the highest price ever paid for a Duroc boar at public auction. The dam of Helen's Tip Top Notcher was Helen Blazes, the sow which produced the \$1,000 sow, Helen Blazes III., the highest-priced sow up until the time she

### TOO LATE TO CLASSIFY.

## Champion Paul Brood Sow Sale, January 15, 1907.

I WILL sell at auction about 25 extra good bred sows and gilts, backed by breeding that is excellent by none. Write for catalog. Address,

A. L. BERGSTEN,

MT. UNION, IOWA

## H. LEFEBURE'S BELGIANS.

FAIRFAX is eight miles west of Cedar Rapids on two railroads and is the greatest Belgian horse market in America. Cedar Rapids and Iowa City electric car passes near farm every 45 minutes.

The Best and Largest Collection of Belgian Draft Horses in AMERICA. BELGIANS EXCLUSIVELY. FAIRFAX, LINN COUNTY, IOWA.

## FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc-Jersey boar, World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & McCABE,

Brood Sow Sale, February 5, 1907. Hersman, Brown Co., Ill.

### POOLED DURHAM CATTLE.

### DOUBLE STANDARD

## Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-169582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER,

Kalona and Wellman, Iowa.

## One Yearling Polled Durham Bull

FOR SALE—Richly bred and sired by a noted prize winner. He will be priced right and is right in every way. Address,

J. J. WILLIAMS & SON, Grand View, Iowa

was sold, and the \$1,910 litter, the highest-priced litter ever sold at auction. Such breeding and individuality as this boar possesses are indeed rare. He stood third in his class at Springfield this year and there were many present who favored him for a higher place. Twenty-two head have been bred to this noted boar, many of them Hanley gilts. One of the fundamental principles of breeding is the fact that "like produces like or the likeness of some ancestor." The ancestry found in both the pedigrees of Hanley and Helen's Tip Top Notcher have given to the Duroc breed some of the greatest individuals and breeders that history records. What, then, can be expected of this cross? How many sales contain the blood of champions such as does that of Messrs. McNeil Bros.? We have from time to time called attention to some of the individuals to be found in their herd. The recent sales have been well patronized by these gentlemen, many of the tops going to them. The offering to which the public is invited to inspect and secure at their own price is made up of fifty head, divided as follows: Thirty tried brood sows, many of them the best the herd affords; twenty spring and fall gilts. The guarantee is one of the strongest ever made and those who know the McNeil boys realize that they do not make any statement which they do not stand back of. Two sows in the sale are bred to Buddy K. IV., champion boar Illinois State Fair, 1905, and second-prize aged boar same fair, 1906; one bred to Ambition, the prize-winning boar at Illinois State Fair in 1905 and 1906. The get of Hanley, Proud Advance, Tip Top Notcher, Buddy K. IV., Mayor Jr., Gold Cloud, The Great Conqueror, Cantine Boy, Corrector, Manley Orion, Indiana, A Top Notcher, Big I Am, Iowa King and other noted sires make up this offering. The writer has inspected every offering made by this firm and is free to pronounce this one the best ever made. The brood sow sale of January, 1906, made the highest average up to that time ever secured in Illinois, yet there were many hargains. So it is with the public sales held by Messrs. McNeil. Plan to be present at Bowen, Ill., on January 17th. You will be royally treated by this firm and the offering of Durocs will bring forth admiration from the most discriminating breeders. The catalog is one of the most artistic and complete productions of recent years, the pedigree of each sow being given in full through five generations. It is worthy of a place in the home of every Duroc breeder in America. Write for one at once, kindly mentioning The Homestead. In our next issue full particulars regarding this offering will be given. Watch for it. Bids sent

## 80 STALLIONS



THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

A. LATIMER WILSON, CRESTON, IOWA

## CHOICE DUROC GILTS

I AM offering a choice collection of Duroc Gilts for private treaty. Some are by Roby's Crimson 41081, by Crimson Wonder I Am 34897, and are bred to Roby's Duke O. 41079, by Duke of Ohio and he by old Kan't Be Beat 28067. Also a nice lot of choice ones bred to Roby's Crimson. This will be the best chance you'll have to get some of this Famous Crimson Wonder I Am breeding at prices that will make you open your eyes wide, quality considered. Write me your wants, brother breeders.

W. E. ROBY, TRURO, IOWA.

## Bred Sows For Sale

I WILL sell at reasonable prices, quality considered, a few richly bred Poland Chinas of show yard type and quality. An extra good Chief Perfection 2d gilt for sale. Write for prices and descriptions.

W. G. GRIFFITH,

McNABB, ILLINOIS

## EVERGREEN STOCK FARM SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederie, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,

Vinton, Benton Co., Iowa

## Chester White Boars and Sows

15 FINE boars for sale, and some choice gilts, bred or open. Prices reasonable.

J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa

## Chester White Spring Pigs All Sold.

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop.

MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## FOR SALE OR EXCHANGE

THE ROAN bull, Merry Charmer 214876, Sire, Imp. Merry Hampton, dam, Charmer 11th. Will exchange him for dark red bull of equal quality. He is a three-year-old.

W. A. ELLIOTT, Pocahontas, Iowa

FOR SALE: Peter Chief 68743, price \$100. He is a very large hog, weighing over 1,000 lbs. when finished. A sure and fine breeder of large, heavy-boned pigs. Cannot use longer to advantage. J. D. Crowder, R. 6, Princeton, Ill.

to Mr. D. M. Pierce, representing The Homestead, in care of Messrs. McNeil, will be properly handled. Plan to be present at Bowen, Ill., on January 17, 1907.



### Last Call for the Rogers Combination South Omaha Sale January 9th.

We wish to call the attention for the last time of all lovers of good Hereford cattle to the combination sale to be held at South Omaha, Neb., on January 9th. The offering is composed of nothing but tops and from the most noted herds in Nebraska and Iowa. Parties wishing to get some good, useful Herefords should be found in the sale ring on the above date. It will be a chance of a lifetime to those interested in this breed of cattle to secure the very best that seven great herds can produce. When we take into consideration the quality shown in this offering and the men that are contributing these cattle we feel justified in encouraging breeders and farmers who are looking for choice animals to attend the sale. Every breeder contributing to this sale is putting in nothing but the cream of his herd and a limited number, some of them being show animals that have won laurels in the best shows of the West. Messrs. Roger Bros., of McCook, Neb., are offering for a special attraction the five-year-old cow, Queen 4th by Anxiety Monarch, and she is safe in calf to Beau Donald 28th. She was good enough to win first in the Nebraska state special as a two-year-old. They are also offering two Monarch of Shadeland heifers that are extra good and are safe in calf to the great Beau Donald 28th. The great heifer, Maggie Wilton, will also be sold, and we consider her one of the great heifers of the breed. She is a daughter of old Anxiety Wilton and safe in calf to Beau Donald 28th. As a special attraction in Messrs. Roger Bros.' bull offering we wish to call the attention of those looking for a good yearling to Beau of Shadeland 25th, a son of Beau Donald 28th, that bids fair to make as good a bull as his sire. On the dam's side he traces to Garfield, the champion bull of England. He is a full brother to Shadeland's Maid 25th that won five blue ribbons in five leading shows and was a member of their undefeated show herd. Jury of Shadeland 34th, a two-year-old son of Jury will also be sold, and we recommend him good enough to go to any good herd. Mr. Z. T. Kinsell, of Mt. Airy, Iowa, consigns ten head of good ones, of which eight are bulls, mostly the get of Advancer, although one of them is a son of Anxiety Elmo 3d by St. Elmo of Shadeland by Garfield, the champion bull of England. His dam was Henrietta, a daughter of old Lord Wilton. The two females are a pair of fine two-year-old heifers by Advancer by March On, and are safe in calf to the great sweepstakes bull, McKinley. Mr. Emil Hoffmeyer offers four head of good, strong bulls of the type that most breeders are looking for at this time. They are low-down, blocky fellows from the very best families and should demand the attention of breeders. Messrs. Woods, Bancroft & Heinz, of Bancroft, Neb., offer five cows of the good, useful Hereford type, including the great five-year-old cow, Lohella by a son of Ancient Briton, dam by a son of Lord Wilton. This is a grand breeding cow and has a fine heifer calf at foot. They also include the three-year-old cow, Percy, by Ancellmo, a grandson of Beau Brummel. Three of this consignment are two-year-olds of the very best families and are all in calf to Gay Donald by Beau Donald 7th by Beau Donald. Messrs. Allen Bros., of Cambridge, Neb., consign ten head from their well-known herd, of which five are yearling bulls sired by Grove Brummel by Beau Brummel. They are all good, strong bulls of the best of breeding and are growthy, big-boned fellows of the useful type. The cows are extra good and are daughters of such bulls as Hardy and Anderson, tracing to the very best families of the breed. The E. J. Elliott offering from Sutherland, Iowa, consists of five females and three bulls, including the great two-year-old bull, Allright II. E., a bull that Mr. Elliott considers one of the best he has ever raised. He is bred very much the same as the champion bull at the International show this year. One of the best cows is by Anxiety Wilton by Anxiety Wilton 3d, dam by Lord Wilton. The other three females are daughters of the great Allright. Mr. W. W. Wheeler, of Harlan, Iowa, consigns three heifers and two bulls from his well-known herd that he considers the best he has ever raised. The great bull, Gay Wilton 5th by the 2,500-pound Gay Wilton, he by old Anxiety Monarch, is the only bull Mr. Wheeler has ever had that weighed over 100 pounds per month. His dam was Imp. Lady Horace 2d, a 1,900-pound cow in her every-day clothes. If you are looking for something big and from large ancestry look this fellow up. Mr. Wheeler also offers the three-year-old bull, Prosper by Perfection Yet by Perfection. This bull is considered a great prospect for a herd bull. Mr. Wheeler's cow offering is a richly-bred one and are extra good individuals, all safe in calf to good bulls. We consider this offering as choice a lot of cattle as will be sold anywhere in the West this fall. Catalogs are now ready and can be had by addressing Mr. W. N. Rogers, of McCook, Neb.

### Combination Short-horn Sale at Grinnell, Iowa.

Attention is called on this page to the prominent Short-horn sale that will be held on the fair grounds at Grinnell, Ia., January 16th, under the efficient management of Messrs. G. A. Bonewell and James Duffus. On this occasion these gentlemen will sell a select bunch of Scotch and Scotch-topped Short-horns from their own herds, as well as a goodly number from the herds of Mr. D. C. Siegel, Z. B. Zirbel, and John Nicholes. We shall not enter into detail in this article concerning the individuality of any of the cattle, other than to say that the offering is a very desirable one and includes the dispersion of Mr. Zirbel's entire herd. The make-up of the offering is as follows: Mr. Siegel, twenty head; Mr. Zirbel, nineteen head; Mr. Bonewell, eleven; Mr. Duffus, three; John Nicholes, six, and Mr. Carpenter, one. There will be three choice herd bulls sold. The one belonging to Mr. Bonewell is Victor Royal 21653. He is a straight Scotch bull and belongs to the Cruickshank Aurora family; was sired by Royal Rosewood. This was the pick of fifteen young bulls raised by Messrs. H. S. Thompson's Sons in 1903. He was sweepstakes at the county fair for the last two years, winning over all breeds. He is a dark red bull and all of his get are red. A more uniform lot of calves can scarcely be found. Mr. Siegel sells his herd bull, Royal Victor 198131. He

also was bred by Messrs. Thompson's Sons and is a Cruickshank Brawith Bud. There is no better breeding in the herd book than is contained in this most excellent bull. Certainly someone will secure a bargain in this fellow. Mr. Zirbel's herd bull is Melba's Victorious 206611. This bull was bred by Mr. A. L. Stutzman, of New Sharon, Iowa. His dam is the noted cow, Imp. Melba, while his sire was a choicely-bred Cruickshank bull called Victorious that was bred by the honorable John Dryden, of Canada. This is a very long-bodied animal, with good head and is a sure breeder. He is also red, and is unquestionably the best bull ever owned by Mr. Zirbel. In a future issue we shall dwell at some length on the number of good young bulls that are offered as well as the number of Scotch females consigned to this sale. The cattle owned by Mr. Siegel are considered a very select lot, both in condition and individual merit. There will be sixty head in this offering and included will be a goodly number of calves that sell with their dam. Each and every consignor to this sale is a thoroughly honorable and upright breeder, otherwise Messrs. Bonewell & Duffus would not have consented to their contributing to the sale. Certainly this will be a grand opportunity for anyone in need of a car load lot of desirable females that will likely go at bargain prices. The catalogs are now ready to mail and can be had by addressing G. A. Bonewell, Grinnell, Iowa, or James Duffus, Malcom, Iowa. A few sample pedigrees appear in this issue of The Homestead on this page, which will serve to show the character of the Scotch cattle consigned to this sale. Col. George P. Bellows will do the selling, assisted in the ring by Mr. J. L. McIlraith.

### Voge's Duroc Jersey Sale.

On January 19th Mr. August Voge, of Portsmouth, Iowa, will sell a draft of forty head of Duroc Jersey sows and gilts from his well-known Hillhurst herd. When Mr. Voge makes a sale he never puts in the culls, and his January brood sow sale is going to be one of the good ones of the season. At the head of the herd is Kruger Lad 17179, the boar that won four first prizes at the Iowa State Fair in 1906. Many of the best sows will be bred to Kruger Lad, and they are worth the time and the money of any of our best breeders, and the man who is looking for the very best should not fail to be on hand sale day. He is selling forty head, among which will be eighteen fall yearlings and matured sows, and twenty-two spring gilts. There will be three good gilts in the sale sired by the World's Fair sweepstakes boar, Tip Top Notcher, and eight gilts sired by Crimson Wonder I Am 2d, the third-prize yearling boar at Des Moines in 1906. This boar is also owned by Mr. Voge and he will be bred to some of the sows in the sale. He also sells one good gilt sired by the \$5,000 boar, Junior Jim, and she will be bred to Crimson Wonder I Am 2d. But the best of all, and one of the best gilts that will be sold this year, and we except no herd, is a March gilt sired by Lafollette, and she is bred to Kruger's Lad. Lafollette is a son of Belle's Chief, the third-prize boar at the World's Fair, and his dam is Bishop's Choice, also the dam of Cole's Duroc, first-prize yearling boar at Nebraska State Fair in 1903, and Larchwood, second-prize yearling boar at the same show. This sow is a "peach" if we are permitted to use the expression. She is excellent in head and ear, a good hack, well-sprung rib, good ham and stands on good feet. She is one of the really very

# THREE DAYS' AUCTION OF HIGH CLASS SHORT-HORNS, ABERDEEN-ANGUS and HEREFORDS

AT SOUTH OMAHA, NEB., THURSDAY, FRIDAY AND SATURDAY, JANUARY 17, 18, 19, 1907.

Fifty head of Scotch and Scotch-topped Short-horns, including high-class herd headers and straight Scotch animals of both sexes, and being the best all-round offering of Short-horns that I have ever cataloged. They will be sold on January 17th and are consigned by Hadley & Leech, Cedar Rapids, Neb.; S. E. Prather Co., Sherman, Ill.; H. G. Bowers, Elmwood, Ill.; John Sippel, Casey, Iowa; W. W. Griffith, Anawan, Iowa; W. L. Tiller & Son, Pawnee City, Neb. Sixty Aberdeen Angus constituting the most superior offering of the breed that I have ever offered at South Omaha, including representatives of the most fashionable families, will be auctioned on January 18th. They are consigned by W. D. Reynolds, Villisca, Iowa; C. B. Gray, Corwith, Iowa; Barr & Lonecker, Dexter, Iowa; N. G. Daughmer & Son, Douglas, Ill.; Martin H. Knudson, Farmingdale, Ill., and B. H. Keck, Cornland, Ill. Thirty Herefords representing the substance and thickness for which the breed is famed, will be auctioned on January 19th. They are consigned by H. K. Philson, Harlan, Iowa; Hugh Whiteford, Guilford, Mo.; N. J. Hildabrand, Lostant, Ill., and W. J. Pellett, Atlantic, Iowa.

For catalog of any or all of these auctions address

**W. C. McGAVOCK,**  
SALE MANAGER,  
**SPRINGFIELD, ILLINOIS.**  
AUCTIONEERS:  
**COL. F. M. WOODS. COL. GEO. P. BELLOW. COL. T. C. CALLAHAN.**

## PUBLIC SALE OF SIXTY HEAD OF SCOTCH AND SCOTCH TOPPED SHORT-HORNS

AT GRINNELL, IOWA, JANUARY 16, 1907.

Five Good Scotch Herd Bulls and a number of good young bulls. Straight Scotch and Scotch Topped cows and heifers.

No. 1	Merriment Second	(Cow)
Red, little white; calved July 4, 1902. Owned by George Bonewell.	Sires	Bred by
DAMS.	Got by Imp. Red Light 149769	James Black
Merriment, Vol. 44, p. 864	Sires	Wm. Duthie
Merry Maud	General Booth (54253)	S. Campbell
Imp. Merry Maiden	Chamberlain (50974)	Geo. Still
No. 2	Lady Annie 18th	(Cow)
Red; calved July 4, 1905. Owned by J. B. Zirbel, Malcom, Iowa.	Sires	Bred by
DAMS.	Got by Victoria's Count 195220	J. Deane Willis
Lady Annie 16th	Imp. Red Light 149769	James Black
Imp. Lady Annie 14th	N. Year's Gift 144749	D. of Richm'g & Gordon
No. 5	Prince Victor.	(Bull)
Red; calved Sept. 30, 1905. Owned by George Bonewell.	Sires	Bred by
DAMS.	Got by Victor Royal 21653	S. H. Thompson & Sons
Alexandrina's Beauty 2d	Sires	John McHughes
Alexandrina's Beauty	Sires	James Stevens
Alexandrina's 9th	Sires	Coldren & Lee
Alexandrina's 8th	Sires	Bow Park Assn.
Alexandrina 7th	Sires	M. H. Cochran
Imp. Alexandrina 6th	Sires	W. Wilson
No. 9	Royal Victor 2d 198731	(Bull)
Red; calved June 6, 1902. Owned by D. C. Siegel, Brooklyn, Iowa.	Sires	Bred by
DAMS.	Got by Victor Boy 137521	S. H. Thompson & Sons
Glen Ellyn, Vol. 37, p. 468	Sires	R. Milne
Golden Glow	Sires	W. Duthie
Imp. Generosity	Sires	A. Cruickshank

Aucts:  
Geo. P. Bellows,  
J. L. McIlraith.

**G. A. Bonewell,  
James Duffus,  
Sale Managers.**

choice gilts that will be sold this year, and bred to the great Kruger Lad. She certainly should be one of the much-sought-after gilts of the year. The Crimson Wonder I Am gilts are also very good, and his entire offering is uniform and deserves the attention of our best breeders. If you want

a sow bred to Kruger Lad or Crimson Wonder I Am 2d, it will pay you to attend the Voge sale. Every attention will be shown the visitors who are at the sale. His catalog is about ready and he will be pleased to send you one if you only mention Iowa Homestead when writing.



# ABERDEEN-ANGUS

## 48 HEAD CHOICE CATTLE 48

In Fine Big Sale Pavilion, Waterloo, Ia.  
**Wednesday, Jan. 16, '07**

DRAFT FROM THE QUIETDALE HERD

**THE OFFERING CONSISTS OF  
 36 COWS AND 12 BULLS**

Trojan Ericas, Blackbirds, Prides, Queen Mothers, Coquettes, Heather Blooms, Alicias, and other popular tribes. They are descended from the best herds of Scotland, England and America, and represent all the noted families of the breed.

The Quietdale herd was established in 1898, with top individuals from such leading herds as W. A. McHenry, Escher & Son, and M. A. Martin.

I desire that all lovers of good cattle will be present on sale day and that your expectations may be fully realized.

The sale will be held at Waterloo Live Stock Sale Pavilion, the largest structure of its kind in the West. Waterloo is on main lines of Illinois Central R. R., C. & P. R. R., and the C. & N.-W. R. R.—one of the best railroad centers in Iowa.

Terms of sale, cash; but time will be given, if desired, on bankable paper at 7 per cent interest for twelve months. Bring bank reference. Send for catalog.

## H. J. Hess, Waterloo, Ia.

JACKS.

## FOR SALE.

GOOD large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine.  
 F. Rabaler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Onk-Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,  
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The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and P. D. 12610 now at head of the stud. Prices below competition. Burn at Moose Jaw, Sask., Can., in charge of E. R. Muxey.

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ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 4f201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. f. & P. fty.

## THE WHEATLEY & WARD ...HERD...

OF Aberdeen Angus, 175 head in herd—Herd bulls, Maple Hurst Proteus 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

## ABERDEEN ANGUS & POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

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## Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. ALLEN BROS., NEW SHARON, IOWA.

## 7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duches, f Heatherbloom f Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, Kirkman, Iowa

HEREFORD CATTLE.

## .....9 CHOICE YEARLING HEREFORD BULLS 9..... FOR SALE.

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th f21465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address.

JOHN SECOR, Mechanicsville, Iowa

## WILLOW GROVE HEREFORDS

COLUMBUS 25th f00912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



## 40 Choice Hereford Bulls 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.

EDMONDS, SHADE & CO., Kingsley, Iowa

HEREFORDS.

TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.

A. R. Cunniff, Independence, Iowa.

## HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

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 Work satisfactory. Prices reasonable.

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25 YEARLING heifers, 20 two-year-old heifers, bred; 75 young cows in calf, 50 bulls and 15 young cows with calves at foot. A few cheap.

One carload of bulls at Morgan, Wyoming.

GOOD ONES, CHEAP.

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## HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

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4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

## Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

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## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evera, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gurdner, Ill.

## RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

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HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

## Red Polled Bulls For Sale

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## CHESTER WHITE HOGS.

## HARDIN BROS.' CHESTER WHITES

WE have won more ribbons at the leading shows of America than any other herd. Some extra good yearling, fall and spring boars are offered for sale at reasonable prices. 160 spring pigs to select from. Address, mentioning this paper,

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## HUMBERT &amp; WHITE'S

## "Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT, F. P. WHITE, Nashua, Iowa, New Hampton, Iowa.

## PUBLIC SALE OF Short-Horn Cattle and Chester White Bred Sows

FEBRUARY 21, 1907. J. LEFEBURE, Fairfax, Iowa. Eight miles west of Cedar Rapids.

## IMPROVED CHESTER WHITE GILTS

OF MARCH and April farrow, extra good ones. Prices very low. Also yearling and two-year-old sows; gilts and sows safe in pig. E. J. TRUMBAUER, Patterson, Iowa.

## Rockford Herd Chester Whites and O. I. C.'s

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices. JNO. CRAMER, BEATRICE, NEB.

## Poplar Grove Herd of O. I. C. Swine

ONE of the finest up-to-date herds in the north-west. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment. W. R. WEBB, Spencer, Iowa.

## Chester Whites.

I HAVE 20 well bred April boars and about 50 bred sows and gilts for sale at farmers' prices. S. J. PHILLSON, Huron, Iowa.

## CHESTER WHITES

WITH prize-winning blood of several states. Our spring crop has done extra well and they are unusually large for their ages. We ship C. O. D. Order early. Address, W. M. MERTER, AURORA, ILL.

## T. A. STEVENSON,

Shannon City, Iowa. BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

## 18 Large, Growthy Chester White Sows

FOR SALE, of March and April farrow. Weigh from 200 to 250 lbs., are all bred and safe in pig. No finer blood in the state. Prices reasonable; write me before you buy. F. A. TRUMBULL, Patterson, Iowa.

## I Pay Express Charges

and ship C. O. D. choice Improved Chester White BRED GILTS. Write for illustrated catalog free. B. M. BOYER, Farmington, Van Buren Co., Iowa.

## 200 LARGE O. I. C. Pigs.

Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 455, Frosty 1379, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. HANKINS, Sciota, Illinois.

OHIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.

CHESTER WHITES—Choice March and April boars. They are bred right, fed right and priced right. I can please you. J. A. Bell, Allison, Iowa.

SOLD OUT OF CHESTER WHITE BOARS. HAVE a few choice gilts at moderate prices. B. R. Burt, Coggon, Linn Co., Iowa.

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## CHESTER WHITE HOGS.



## Lawshe's Chester White Sows and Gilts.

100 HEAD of very choice matured and fall yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Mounch J. 13101, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address Geo. H. Lawshe, R. R. 3, Harlan, Ia.

## D. H. LEWIS, BREEDER AND SHIPPER OF THE Improved Chester White Swine.

50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head R. F. D. No. 6, GENESEO, ILLINOIS



## BARBER'S PREMIUM CHESTER WHITES.

150 CHOICE PIGS, sired by Jerry S. 13167 2d prize boar at Des Moines in 1905, and Captain 14119, 1st prize boar at Iowa and Minnesota state fairs in 1904. Also have 30 head fall boars sired by Advance 2d. Can furnish any number of sows and boars. Write me first. Address, J. L. BARBER, R. R. 3, HARLAN, IOWA.

## The Wildwood Herd Chester White Hogs

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

W. W. VAUGHN, MARION, IOWA.

## MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium 11, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Bear, R. R. No. 1, Neponset, Illinois.



## Spring Pigs All Sold

WE have now to offer 60 choice fall pigs and are going to sell them cheap. If you want something choice we have it here in these fall pigs. Write for large catalog and prices to James Fisher, Eastman, Crawford Co., Wis.

Modeler 13235 and W. F.'s Model 12101 AT HEAD OF

## MODEL HERD CHESTER WHITES.

to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Ply. Rock cks. W. F. Hemmerling, Dike, Grundy Co., Ia.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

## SHORT-HORN CATTLE.

## 3 CRUICKSHANK HERD BULLS FOR SALE 3

ONE red 18 months old Short-horn bull by Victor Boy, an Avalanche. A choice herd header. Smooth, fine quality, heavy quarters with fancy head and horn. One strictly fancy Red Orange Blossom show calf, dropped September 20th. One solid red yearling Orange Blossom bull, not quite so fancy, but a good one. Telephone to farm. Address,

M. E. Slemmons, R. F. D., No. 1, Iowa City, Iowa.

## CHRISTMAS GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable Xmas present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make Xmas presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

## COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charmer. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp. A. J. GRAVES & SON, Ames, Iowa.

## 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them. C. W. DAWES & SON, Harlan, Iowa.

## WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## MILKING SHORT-HORNS.

WE have a number of yearling bulls for sale. We milk all cows and hand raise all calves. All animals guaranteed breeders and pedigrees furnished. BLACKMER & NELSON, Albert Lea, Minn. Farm one mile from town.

## FOR SALE Conqueror Best 182910.

The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Burr Missile with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUDOC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Hingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

## SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.

VERY choice fall gilts and males, a few spring pigs. Will sell my Scotch herd bull Archer 20047 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock. C. F. ROBE, Jessup, Iowa.

## SCOTCH SHORT-HORNS.

For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

## W. A. FORSYTHE GREENWOOD, MO.

## Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 23482, winner 1st in 2-yr-old class and 1st as Ia. Cham, Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

## PUBLIC SALE OF Short-Horn Cattle and Chester White Bred Sows

FEBRUARY 21, 1907. J. LEFEBURE, Fairfax, Iowa. Eight miles west of Cedar Rapids.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Jas. E. Stephenson, Alburnett, Iowa. Otter Creek Stock Farm.

## JONES CO. HERD OF

SHORT-HORN CATTLE {Sixty-ton Sort 173649 Bulls {Wampun of Way-side 243046} We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Wytrell & Son, Props., Oxford Junction, Ia.

## BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address, N. A. LIND, Rolfe, Iowa.

## Imp. Fashion Favorite 149580

FOR SALE. Also a few very choice young Scotch Bulls.

Address J. D. McDERMOTT, Wiota, Ia.

## CHOICE SHORT-HORN CATTLE

FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, Newton, Iowa.

## SHORT-HORN CATTLE.

## NOVINGER &amp; SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS, Kirksville, Missouri.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawth Buds, five Victorias, five Duchess of Glosters, four Secrets and others of best Scotch blood. All reds; low down, lively fellows, ready for service.

I. BARR & SON, Davenport, Iowa.

## BULLS AND GILTS.

## THE IOWA STATE COLLEGE

OFFERS for sale some good young Short-horn, Red Polled and Holstein bulls, also choice bred gilts of the following breeds: Poland China, Chester White, Duroc Jersey, Berkshire, Yorkshire and Tamworth. Address,

DIVISION OF AGRICULTURE, Iowa State College, Ames, Iowa

## Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

W. H. SCHAFER, KEANSBURG, ILL.

## CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised in now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

## WALNUT HILL HERD REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov- at Champion (157817), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

## SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

Also Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN, COLO, IOWA

## BLUFFVIEW SHORT-HORNS

A FINE BRAWTH BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

## Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA



## SHORT-HORN CATTLE.

## OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

# 9 Short-horn BULLS FOR SALE

At Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMONT, IA.

Bargains in

## Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 208996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

## HUGHESDALE

REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## WAYSIDE SHORT-HORNS

G. H. BURGE, Pron., MT. VERNON, IA.

### 6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

## FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135256.

M. D. YARD, CRAWFORDSVILLE, IA.

## BERKSHIRE HOGS.

## BERKSHIRE BOARS

FOR IMMEDIATE SERVICE.

I can please you in quality

and price. Address,

GEO. S. PRINE,

Oskaloosa - Iowa

## Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish; of April and May farrow.

L. F. Boyle, Hennepin, Ill.

Heavy Weight

## Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dishd face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

T. J. CONGDON'S Winning Berkshires have won 1st honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th., by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

## CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.

E. H. DANCER, Lamoni, Iowa

## BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address

C. T. AYRES, Osceola, Clark Co., Iowa.

### BERKSHIRE BOARS.

A FEW choicely bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs.

SYLVANUS HAWORTH, New Sharon, Iowa

## GREAT COMBINATION SALE OF

## HEREFORD CATTLE

To Be Sold in Steam Heated Sale Pavilion,

SOUTH OMAHA, NEB., JANUARY 9, 1907

**50** Head of Choice Breeding Stock **50**  
From Seven Good Herds.

Consigned by such well known breeders as:

W. N. Rogers, McCook, Neb.; W. W. Wheeler, Harlan, Iowa;  
E. J. Elliott, Sutherland, Iowa; E. N. & A. L. Allen, Cambridge,  
Neb.; Z. T. Kinsell, Mt. Ayr, Iowa; Emil Hoffmeyer, Stanton, Neb.;  
Woods, Bancroft & Heing, Madison, Neb.

**I**n this sale will be offered the best lot of Herefords to be entered in a public sale this year. The breeding and individuality of every head will be good enough to make them fit companions for any herd in the country. There are show bulls in this offering with as choice blood lines as is known to the breed. The females are a choice lot and all safe in calf to noted bulls of show yard fame.

Catalogs and other information cheerfully furnished by

**W. N. ROGERS, MGR.**

Aucts.

T. C. Callahan.

D. B. Rogers.

**McCook, Neb.**

## JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER &amp; SMITH,

BEATRICE, NEB.

## POLAND CHINA HOGS.

## GAY PERFECTION 2D.

SOWS BRED FOR SALE.

20 GAY Perfection 2d Poland China Glits bred to Sultan (a son of Thickset.) 3 glits by Radium, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.

**JOE STEWARD,**

AMES,

IOWA.



### WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

110 PIGS March and April farrow. Sired by my two great herd boars G's Perfection Jr. 89471, and Black Chief 99855. Pigs to head herds a specialty. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 17062. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

## ESCHER'S GREAT BIG POLAND CHINAS.

I STILL have some grand, good boars for sale, sired by my great breeding boar Gay Monarch 30471, the best 1,000-lb hog in the west, assisted by Perfect Chief II 37628, and Winsome Dude II 39159. Size and quality, together with prolificacy, is our standard and we have the goods. Write me for a copy of my private sale catalog, containing the pedigrees of all my boars and sows. A choice lot of sows for sale. Address, E. F. ESCHER, MANNING, IOWA

**45** Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, WM. RAY & SON, DEFIANCE, IOWA.

### POLAND CHINAS

15 HEAD of growthy March and April boars for sale. Good length, good bone, nicely marked and from matured sows. Write for breeding and prices. Annual brood sow sale, February 7, 1907. Mention BRIDGFORD & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

### WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

POLAND China fall and spring glits, bred to farrow in Mar. and Apr. to L's Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battie Creek, Iowa.

## POLAND CHINA HOGS.

## Poland China BARGAINS

IN males and glits. We are offering seven summer males of good breeding and size and in good growing condition. We have a few good glits left; they are good ones. Dams of these pigs are from the Chief Perfection 2d, U. S. Chief 2d, Nemo L's Dude, Perfection B. L. and L's Chief strains. Sired by H. L. Black Chief, by Perfection E. L. Priced to sell quick. Write us if in need. Address,

G. C. Drake & Son, La Harpe, Ill.

## WILLOWDALE POLAND CHINAS.

MODERATE prices for the best blood of the breed. Herd headed by Master Sunshine 72277, the first ten-month-old pig to sell for \$1,000. His dam is Grand Fashion U. S., best sow outside of Perfection family. M. S. is assisted by Eldorado 106425, a 700-lb. yearling with show ring quality. Will book sows bred by either of the above for winter trade. A most excellent lot of pigs sired by Master Sunshine, Eldorado, C. Perfection 2d, Perfection E. L., Meddler, Corrector 2d, Spellbinder, E. J. Perfection, G's Perfection and Perfect M. Write for prices. Also pure bred White Wyandotte cockers, now ready, one dollar each. Harry R. Smith, Maynard, Iowa.

## The House That Jack Built FOR SALE.

POLAND CHINA herd boar, Jack of Oak Lawn 81697, dam by Ideal Sunshine. Boars and glits from this royally bred hog, weight 700 lbs., for sale at all times and all ages. 150 head to select from. Brood sows, glits, both bred and open, can be had at Fairview Stock Farm.

F. C. THACKABERRY, Tampico, Ill.

**Hustle On 105337 Heads Herd.** 2,500-lb. yearling males of T. C. U. S. and corrector breeding, broad-backed, heavily boned, spring males, R. C. B. Leghorn cks, \$1. Scotch herd bulls, choice cows, herd for sale. F. Ebendorf, Strawberry Pt., Ia.

## POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

## Moats' High Class Poland Chinas.

75 CHOICE pigs sired by Shamrock 34571, by Perfect Perfection, out of G's Perfection and Perfection E. L. dams. Also have pigs by Perfection E. L. and G's Perfection.

H. B. MOATS, VILLISCA, IOWA.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

## GROWTHY, HEAVY-BONED Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased. 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box H, R 4, Davenport, Ia.

20 BOARS. POLANDS. 40 SOWS. CAREFULLY culled and well bred. Five March boars that will make herd headers, sired by High Looker, a World's Fair winner, and Justice by Corrector. Large prolific litters. My pigs will make 800 to 1,000-lbs. at maturity. Write for prices or call. Special offer. M. G. Arnold, Strawberry Point, Iowa.

## PRAIRIE VIEW HERD POLAND CHINAS

20 GROWTHY, heavy-boned March and April boars and glits, sired by S. B's Choice 106849; also yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. I. & P.

J. D. Vorhees, R. 5, Charles City, Iowa

## Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Poland Chinas. A splendid lot of boars for sale. Write us for prices.

## POLAND CHINA BOARS AND SOWS.

BIG boned lengthy fellows with broad backs and plenty of finish. By H's T. C. U. S. 55411 all 800 lb. hog in show shape. Their dams matured sows. Priced cheap to move them.

J. B. McALLISTER, - PAILO, IOWA.

## HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

## Choice Lot of Spring Boars for Sale.

POLAND China pigs sired by Duke's Wonder by Nemo L's Dude. These pigs are very choice. Also pigs by Mogul, 1st and sweepstakes boar of Nebraska, '05. Have several promising pigs that will be priced worth their value. Will show Duke's Wonder this fall. Jno. J. Schmal, Sutton, Nebraska.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blandinsville, Illinois.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## HOMESTEAD HERD OF POLAND CHINAS.

GOOD, strong fall yearling and spring glits by such noted sires as Keep On 2d, Contractor, Come On, Monnier's Perf. and others. Can breed them to a Chief Perf. 2d boar out of a Keep On dam. Write for prices and description.

J. H. BARKER, - Nazon, Ill.

## BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT FRY, Plainsfield, Bremer Co., Iowa



120

# ROYALLY BRED DUROC JERSEY SOWS AT AUCTION

120

## 40---HEAD---40

At the Happy Hollow stock farm near Greenwood, Neb., January 17, 1907, at 1 o'clock sharp, I will sell a choice offering of the best animals in my herd. They are a well bred, useful lot and safe in pig to Happy Hollow Chief 46277, Nebraska Chief 52723 and Top Notch 52725. Write for catalog to JOHN HAMMER, Greenwood, Neb.

## 40-- HEAD-- 40

At Silver Creek stock farm, 2½ miles east of Colon, Neb., January 18, 1907, at 1 o'clock sharp. In this offering will be included sows of the most noted strains known to the breed. Most of them will be bred to Colon's Model. Improver III and Governor, a son of Crimson Wonder. Write for a catalog to C. E. OLSEN, Colon, Neb.

## 40---HEAD---40

At Gold Dust stock farm, near Cedar Bluffs, Neb., January 19, 1907, at one o'clock sharp; sale in town. I am offering what I consider the best lot I have ever raised, bred to such boars as Chitwood, the sire of Junior Jim, Young Surprise, Nut Wood and Colonel W., by Colonel Perfection. Send for catalog to JAKE WERNSMAN, Cedar Bluffs, Neb.

Col. T. C. Callahan will do the selling at all three sales. Mail bids may be sent to him or to Ray Page, of The Homestead, in care of any of the above gentlemen.

## POLAND CHINA HOGS.

## BOARS ALL SOLD

WE will sell our herd boar, Iowa Chief, after the 15th of Dec. He is sired by Ed. Klever's Thickset, and out of Lady Hart, by Ideal Perfection. Measurements: length from between ears to root of tail 56 in.; heart, 66 in.; flank, 66 in.; bone 9½ in. He is out of a litter of eight and sires large even litters. One of the representatives of this paper pronounced him one of the best Thickset boars in the West. We are also offering five Short-horn bulls, old enough for service, at very reasonable prices. Brood sow sale, Feb. 12, '07. Send for catalog after Feb. 1st. Col. F. M. Woods, Auct.

RUEBEL BROS., ROCKWELL CITY, IA.

45 ROYALLY BRED POLAND CHINA BOARS.

Situated by Robert J. 102627, and Keep Alert, by the Great Prince Alert, and by Manager 102626, one of the best sons of the noted Meddler. These are A1 boars. J. C. Hoeg, - - Manson Ia.

## DUROC JERSEY HOGS.

## EVERYDALE HERDS.

Duroc Boars, Short-Horn Bulls For Sale.

Bred right, fed right, priced right.

A. M. AVERY &amp; SONS, - - Mason City, Iowa

## ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants. CHAS. SOBOTKA, - - Cainesville, Mo.

## JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc Jersey sows for sale.

J. E. WEHR, - - Portsmouth, Ia.

HILLSIDE HERD (SPRING BOARS & of Duroc Jerseys) GILTS OPEN AT BENSON, NEBRASKA \$15 PER HEAD.

## PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

CHOICE Duroc Jersey gilts bred to Sambo 52791, a grandson of Tip Top Notcher, the \$5,000 prize boar. Prices reasonable. Frank Warwey, Mt. Pleasant, Iowa. R. R. No. 8.

MIDLAND DUROCS 15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

DUROC JERSEY BOARS---SHROPSHIRE RAMS S. M. DEYOE & SON, - - Mason City, Iowa.

IF you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

DUROC Jersey gilts bred for April farrow. Large, heavy boned. Price, \$25 to \$30 each. Good ones, world's champion blood, S. S. Krebill, Donnellson, Ia.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeaton, Iowa.

## DUROC JERSEY HOGS.

## Wheeler's Duroc Dispersion.

13 | Wednesday, January 16, 1907. | 33  
SOWS | At the Sale Pavilion, Harlan, Iowa. | GILTS

ON the above day and date, I will sell every Duroc Jersey I own. I regret to do this more than I can tell you, but one man can't do everything. I have spent years of time and an endless amount of money to establish this great herd of Duroc Jerseys. I will sell three full sisters to Crimson Wonder, one litter sister, one daughter of Orion, one daughter of Duroc Challenger, 33 gilts sired by Carmine Wonder, a half brother to Crimson Wonder, Scarlet Wonder, a son of Pericles and out of a full sister to Crimson Wonder and Belle's Perfect King, a son of Nebraska Belle. They are bred to a grandson of Ohio Chief and Improver 2d. This is a grand herd of Duroc Jersey hogs. Take a day off and spend it with me. You will never regret it. Write for catalog.

W. W. WHEELER, - - Harlan, Iowa

## Hudson's Duroc Jersey Brood Sow Sale.

LOHRVILLE, IOWA, JANUARY 17, 1907.

A combination of the most famous blood lines known to the breed:  
Ohio Chief, Nebraska Belle,  
Crimson Wonder, Tolstoy.

5 MATURED brood sows, 5 fall yearlings, rest spring gilts. I am selling one granddaughter of Tolstoy, the sire of Crimson Wonder, and two granddaughters of old Orion, and I am selling one of the best bunches of gilts that will be sold this year. These will be bred to Ohio Chief Priurose, a son of the great Ohio Chief; Jim's Junior, a son of the noted prize-winning boar Junior Jim and Echo, a son of the prize-winning boar Critic's Echo. Come and see what I am offering. Catalog now ready. Address,

W. H. HUDSON, - - LOHRVILLE, IOWA.

Cols. Luther and Messman, Auctioneers.

## CLOVER LEAF HERD OF DUROC JERSEY SWINE

A CHOICE lot of boars and gilts for sale, most of which are sired by Pine 37903 winner of 2d in class at Minnesota State Fair, 1905. Special price on 20 good boars to close them out. I ship no culls and guarantee everything as represented.

CLYDE H. SMITH, R. F. D. 1, - - Riceville, Mitchell Co., Iowa

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come. WATT & FOUST, - - CEDARVILLE and XENIA, OHIO

## 30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 11452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,

JOHN WIGHTON, - - Audubon Iowa.

## LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topdy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

HARMON GRUVER, - - Brewster, Minn.

The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo, }  
ESTABLISHED 1890. Bred sow sale February 22, 1907. } Inspection invited. 125 pigs. Write us. }  
W. A. STAPLES & SONS, - - - - - GLIDDEN, IOWA.

## IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Parnell, Missouri.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, - - DECATUR, INDIANA.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

WOLF CREEK HERD of DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

## DUROC JERSEY HOGS.

## Maple and Lawnsdale Herds DUROC JERSEYS.

Will sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Hambletonian, at a reasonable fee. A few fall pigs for sale. Address either

MANLOVE BROS. or J. H. NORRIS, - - Illinois.

## KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHEL & SON, - - MACON, ILL.

## FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar. F. E. Garrett, - - Lohrville, Iowa.

L. H. ROBERTS & SON, Paton, Iowa, breeders of Modern Duroc Jersey Swine. We have for sale boars and sows of the most approved and aristocratic strains of blood. Will breed a choice lot of gilts for the winter's trade and price them right. This is the old Wm. Roberts & Son herd of Duroc Jerseys re-instated.

## Bred Gilts and Sows at Reasonable Prices.

I HAVE a very nice bunch of Duroc gilts to sell. I bred to Chief Knight 52495, he by Red Knight, and dam Improver Jewell. Others to Imp. King 54117, he by Hamilton's Improver, and dam North Star. My yearling sows are bred to Ham's Challenger. F. A. Ham, - - Saronville, Neb.

## DUROC BRED SOW SALE, FEB. 13, 1907

HERD boars King Top Notcher 35703, 2d prize senior yearling at Des Moines, '06, Crimson I Am 43105, by Crimson Wonder H. A.'s, Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address, H. A. SEXSMITH, GREENFIELD, IOWA.

## The Logan Valley Herd of Duroc Jerseys.

DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others. W. A. Peterson, - - Lyons, Neb.

## 100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advance and Pericles. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

## PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices. L. H. Bryan, - - R. R. 1, - - Neponset, Ill.

## DUROC BOARS ALL SOLD

40 GILTS of April farrow for sale. Will be bred to three first-class boars. Gilts sired by Dale 35169, sweepstakes boar at Hamline last fall, also by Pericles and C. W. Prince, by Crimson Wonder I Am. Wm. Malcolm, R. R. No. 1, Bigelow, Minn.

## BOARS! BOARS!

FOUR HERDS, Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794



## BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, Crimson I Am 43105, by Crimson Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred. F. A. STRONG, - - ORIENT, IOWA

## Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each. I. C. Welch, - - Bedford, Iowa.



HORSES.



**Watson, Woods Bros. & Kelly Co.** Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

**Watson, Woods Bros. & Kelly Co.,** LINCOLN HOTEL BUILDING, Lincoln, Neb.

DUROC JERSEY HOGS.

## Thos. Bennett, Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

## GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

**Thomas & Hogsett, Golden, Ill.**

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, **SMITH BROWN** - Waterloo, Neb.

## 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. **MANLEY & CO., LYONS, NEB.**

## Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, **Norris & Bevington, Kingsley, Ia.**

## 40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alx, litter brother to the sweepstakes sow Alx II. Good ones. **AUSTIN RENSIAW, Blair, Neb.**

## BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions. **H. B. GRIFFITHS, - Bowen, Ill.**

## MAY & PORTER, REMINGTON, IND.

MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

## Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.

**F. M. ERSCHEN, Odell, Illinois.**

## E. E. ETTER, UTICA, NEBRASKA.

REDEEMER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head mv herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

**E. Z. RUSSELL, - BLAIR, NEB.**

## PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow sale will be Jan. 23, 1907. Write us and find out what we have to offer.

## SHORT-HORN CATTLE--DUROC JERSEY HOGS

CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. **JAMES T. DOLLISON, SAC CITY, IOWA.**

## Prairie View Herd of Duroc Jerseys.

SPRING boars by Top Notcher Again. Bred gilts and yearlings by Tom Davis, Top Notcher Again and Red Rod at one-half last winter's public sale prices. **W. J. PRATHER, - Russell, Iowa**

## 40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S Wineshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. **DELMAR McCANN, - KENNARD, NEB.**

## PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 22639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address **Arch Brown & Sons, Waterloo, Nebraska.**

## 80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE. **G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA**

THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

DUROC JERSEY HOGS.

## BUDDY K. IV

Champion Illinois State Fair, 1905; second prize aged boar, 1906, sells at public auction February 6th.

On the above date I will disperse my entire herd of Duroc Jerseys. EVERYTHING GOES.

This is not a sale of my culls, but my best stock, and I want it understood that this is a Genuine Dispersion Sale.

## ATTRactions.

Twenty-two tried brood sows from one to three years old; five sired by Buddy K. IV.; seventeen bred to Buddy K. IV. Four yearling sows by Buddy K. IV.

Ten yearlings by such noted boars as Tip Top Notcher, Proud Advance, Hanley, Gold Cloud and other boars of equal merit.

Twenty spring gilts by Buddy K. IV.

Twenty spring gilts by boars mentioned above.

Write early for catalogs.

**Ed. A. Baxter, - Pawnee, Ill.**

KEEP THIS DATE IN MIND

## JAN. 12-1907-JAN. 12

## ANNUAL SALE OF DUROC BROOD SOWS

In the Sale Pavilion, Dunlap, Iowa.

40---BRED SOWS---40 consisting of tried sows, yearlings and gilts. Among them will be found splendid individuals carrying the blood of Orion, Advance, Reed's Banker and other good families. Many of these sows will be bred to Kruger Jr., a splendid son of Old Kruger, and grandson of Can't Be Beat. Hereford cattle sale June 18, 1907. Write for catalog.

**Col. F. F. Luther, Auct.**

**HOOD & BAKER, Props.**

## Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 13723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8726, Tientsin 17261. Imp. Wonder 43661, A. L. Advance 43331, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, **P. S.—Eight November males of rare quality; three Top Notcher bred. A. L. MOSSMAN, TELEPHONE 88-3, RADCLIFFE, IA.**

## CRIMSON WONDER I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address, **U. G. DAVIDSON, MANSON, IOWA.**

## CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109830 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11163. We have 110 pigs mostly of March and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times. **STOW & GINGRICH, HAMBURG, IOWA.**

## POLK COUNTY HERD DUROC JERSEY SWINE

50 choice gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Bill K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tip Top Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices. **Grand Sow Sale February 4, 1907.**

**ROY WEST - - - - - BONDURANT IOWA.**

## 40 DUROC GILTS 40

BRED for March and April farrow. Bred to Crimson I Am 53591, grandson of Crimson Wonder 26355, Top Notcher Boy 53689 and Kant Beat Me 5357, by Kant Be Beat 10239 A. I have the good ones. Inspection invited. Correspondence solicited.

**FRANK KEAN, - - - - - Mt. Pleasant, Iowa**

## Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again. Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

**HANKS & BISHOP PROPS., NEW LONDON, IOWA.**

## A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On II, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

**GRANT WHITE, AFTON, IOWA.**

## ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

**HARRY RIGGIN, PETERSBURG, ILL.**

## OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

**G. T. ROGERS, PETERSBURG, ILL.**

DUROC JERSEY HOGS.

## DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief, one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 230 lbs. Write or call on me.

**O. L. MOSSMAN, POLK CITY, IOWA.**

## HANLEY BOARS

## FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

**McNeil Bros. - Bowen, Illinois.**

## A CHOICE COLLECTION

## Of Duroc Boars For Sale.

DESCENDANTS of famous sires, Tip Top Notcher, Ohio Chief, Improver II, Keep On and others. We have our selling clothes on. Prices will be low considering quality.

**Fagan, Browning, Hess & McCabe, HERSMAN, - ILLINOIS**

## IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. I am now hooking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

**A. T. Sundell, - Paton, Iowa.**

## WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advance and other good families. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R. **J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.**

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonium (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Can't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. **E. K. Young & Son, Havelock, Neb.**

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, **G. Van Patten, Sutton, Nebraska**

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

## Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. **F. A. Kruse, Waco, Neb.**

GROWTHY DUROC fall males got by Neb. Wonder, he by Crim. son Wonder are now ready to ship. Write me. **WM. SUTTER, Liberty, Neb.**

**I. J. LORTON, Union City, Ind.,** proprietor of the I. Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. **I. J. Lorton, R. R. 35, Union City, Indiana.**

## GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars. **Root Bros., (Swine Specialists), Lanke Park, Ia.**

ATHELRED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig ever saw," T. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. **A. Wilson, Bethany, Neb.**

## State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good. **R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.**

THE Grendell Herd of Durocs contains the blood of the most popular families. **F. H. Herring, Kulona, Iowa. Shipping point Iowa City.**



## HORSES.

## FRANK IAMs

"Special Train" arrived August 14, 1906, carrying 120 "Peaches and Cream" Stallions. They are "Iams' kind," the "Best ever." Winners and "Sons of winners." \$1,000 and \$1,500 buys Imported "Topnotchers" of Iams. Watch "Iams' Smoke." He has his "Selling Clothes" on daily. No buyers with money or bankable notes get away from Iams. He buys, owns and sells more first-class draft and coach stallions than any man in U. S. "Whoa Bill"—Buy a stallion this fall—"Save \$200" and get choice of Iams' barns filled to the roof with

## 168 STALLIONS 168

Dad Iams' "Horse Show" at Iowa state fair, was "the talk" of "people and press." Everybody and cousins were admiring Iams' "Peaches and Cream" stallions. They said Iams "has the goods"—Better than he advertises. Iams Percheron stallion "Trallala" defeated the 1906 "Bibi" Percheron champion winner of France at Iowa state fair.

Mamma—Iams always has the best horses at Nebraska state fair. Iams' 2, 3 and 4-year-old Percheron and Belgian stallions won every first prize (bar one) and sweepstakes prize in both breeds (over all) and many second and third prizes. Iams' "Black Boys" are "Hot Stuff" for competitors; and Iams saves buyers all commissions and middlemen's profits. Iams is not in the "Stallion Trust."

## \$1,000 SAVED AT IAMs \$1,000

Ikey, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eyeopener and greatest horse catalog on earth. References: St. Paul State bank and Citizens National bank.

ST. PAUL, NEBRASKA.

## THE Lafayette Stock Farm

Lafayette, Ind.

Largest importers in America of Oldenburg German Coach, Percheron and Belgian stallions and this no man can dispute. Our importation of 1906 arrived November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International surprised the hundreds of thousands of visitors that attended. We can and do sell our stallions as low as they can be sold at any place in America.

## DEPARTMENTS

SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.



## TAYLOR &amp; JONES,

IMPORTERS AND BREEDERS OF  
PERCHERON, SHIRE, HACKNEY AND  
BELGIAN STALLIONS.

We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1,400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

TAYLOR &amp; JONES,

BOX 68.

WILLIAMSVILLE, ILLINOIS.

## HORSES.

## Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.  
TRUMANS' Have the right kind.  
TRUMANS' Buy the right kind.  
TRUMANS' Always Imported them.  
TRUMANS' Now a Household Word.  
TRUMANS' Commenced with Prize Winners.  
TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
TRUMANS' With our Customers.  
TRUMANS' Treat you right.  
TRUMANS' Treat you white.  
TRUMANS' Came to stay.  
TRUMANS' Have stayed.  
TRUMANS' Horses admired by the crowd.  
TRUMANS' Always looked for at the Fairs.  
TRUMANS' Always something sensational.  
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.  
TRUMANS' Customers treated Honorably.  
TRUMANS' Customers stay with them.  
TRUMANS' Customers have confidence.  
TRUMANS' Customers not humbugged.  
TRUMANS' No loud childish talk.  
TRUMANS' No claiming what they haven't got.  
TRUMANS' Attend their own business.  
TRUMANS' Dohonorable work in Show Rings.  
TRUMANS' Let the Public Judge  
TRUMANS' Of their Exhibits.  
TRUMANS' Don't want dirty work.  
TRUMANS' Don't pay for it.  
TRUMANS' Won't have it.  
TRUMANS' Can do without it.  
TRUMANS' No shifty business.  
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

TRUMANS' PIONEER STUD FARM  
BUSHNELL, ILLINOIS.

## S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

## Percherons, and French Coach Horses.

25

Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors.

25



No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

## M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

## PERCHERON HORSES

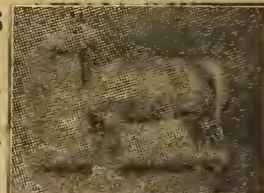
100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert &amp; Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



## Greeley Horse Importing Co.



Percherons, Belgians, Shires, Clydes, French and German Coach, Hackney and Trotting Stallions.

HAVE received 250 head since September, 1905. 100 head arrived in June. Bring cash or bankable note and buy horses at dealers' prices. Send six cents in stamps and we will mail you a beautiful six-colored, 19x24 picture of our premises, showing over 200 stallions in the yards.

A. B. HOLBERT, IOWA.

## Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, Scribner, Neb.

## 21 IMPORTED STALLIONS 21

FOR SALE—I have recently landed from Belgium, (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and roans.

Address, E. H. KNICKERBOCKER, Fairfax, Iowa



## Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM, Iowa

## Percheron Stallions For Sale.

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. J. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

A PERCHERON stallion for sale, imported, color black, coming 11 years in spring. A sure breeder, weight about a ton. Write L. Maasdam, Pella, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$600 each. Address, E. Fugler, Creston, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 151, Independence, Iowa.

When writing to advertisers please mention this paper.

When Writing to Advertisers Please Mention This Paper



# McNeil Bros. 2d Annual Bred Sow Sale

Will be held at Maple Grove Stock Farm, Bowen, Ill.

Thursday,  
Jan. 17

Thursday,  
Jan. 17

50

Duroc Sows of  
Show Yard Merit  
Not a cull in the lot.

Send bids to D. M.  
Pierce, represent-  
ing this paper  
in our care.



Hanley 42345, first in class at Ohio State Fair, 1905; first at Indiana State Fair, 1905, in strongest shows ever held at these two fairs.

30

Tried Brood Sows

20

Spring and Fall Gilts

We have selected  
our best females  
for this sale.

The sows are bred to such noted boars as Hanley 42345, Helen's Tip Top Notcher 47489, the highest-priced boar ever sold at public auction, son of the grand champion boar at St. Louis World's Fair, Tip Top Notcher; Buddy K. IV., champion boar Illinois State Fair, 1905 and second-prize aged boar Illinois State Fair, 1906; Ambition, ever sold and sire of highest-priced Duroc sow ever sold at public auction; King of Iowa 40795.

Send for  
catalog

**McNeil Brothers, Bowen, Ill.**

## HORSES.

HIS MAJESTY KING EDWARD VII. and LORD ROTHSCHILD'S Exhibit of Stallions were purchased by us at the International, Chicago, 1906-

## ROBERT BURGESS & SON,

Prizes won in this year, demonstrating to the public the SUPERIOR QUALITY of our STUD.

Champion Percheron stallion at the Kansas State Fair, champion Belgian stallion at the Kansas State Fair, champion Shire stallion at the Illinois State Fair, champion Shire stallion at the American Royal, Kansas City, Mo., champion American-bred Percheron stallion at the American Royal, first best five Percheron stallions at the Kansas State Fair, first best five Belgian stallions at the Kansas State Fair, first best five Shire stallions at the Illinois State Fair, second best five Belgian stallions at the Illinois State Fair, first best five Shire stallions at the American Royal, Kansas City, second best five Belgian stallions at the American Royal, Kansas City, second best five Percheron stallions at the American Royal, Kansas City, first, third and fifth Shire stallion four years old and over, first Shire stallion three years old, first Shire stallion two years old, first Shire stallion one year old, champion Shire stallion any age, gold medal best imported Shire stallion any age, best group five Shire stallions any age, fifth Belgian stallion four years old and over, first Belgian stallion three years old, fifth Belgian stallion two years old, second Percheron stallion one year old, second Percheron two animals from same dam bred by exhibitor, third Hackney stallion four years old and over, third Hackney stallion three years old.

Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion in your neighborhood, who usually is one of your own neighbors (the most influential man) whose influence is obtained by a large commission, paid to him by the seller in placing the stallion. The long-time notes from three to five years have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50 PER CENT. IF YOU HAVE TO HAVE A COMPANY TO HAVE A HORSE IN YOUR NEIGHBORHOOD, FORM YOUR OWN COMPANY and come to the barns. BE CONVINCED THAT YOU CAN SAVE from \$1,000 to \$1,500, which has to be paid to this influential neighbor or neighbors.

**Good American Bred Stallions, \$800 to \$1,000. First-class imported Stallions, \$1,200 to \$1,600. Choicest Stallions a Little Higher.**

We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEYS. Come to Wenona and deal with Bob Burgess, who has been in the business over thirty-two years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get your guaranty and insurance direct from headquarters. Visit our barns and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guaranties and will sell to you more good horse quality for less money than any one. Come to the barns and get the most reasonable terms that can be offered.

WENONA, ILLINOIS.

WICHITA, KANSAS.

## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only world-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconceived effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition. The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgians. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsart O. V. Oltmanns, resides in the German Coach Horse district, and is ever on the lookout for the finest and best old country produce. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



## PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.









KEEP AHEAD 93333  
1ST IN CLASS AND SWEEPSTAKES AT MO'S STATE FAIR 1905

# THE \$4000. HOG

## AT 9 MONTHS THIS HOG WAS THE RUNT OF THE LITTER.

### WHAT MADE THE CHANGE?

# INTERNATIONAL STOCK FOOD

 **3 FEEDS FOR ONE CENT.** 

**REPORT FROM A LEADING HOG BREEDER.**

INTERNATIONAL STOCK FOOD CO.,  
Minneapolis, Minn.

THAYER, ILLINOIS, OCTOBER 15, 1906.

Dear Sirs:—I express to you today a sketch of Keep Ahead 93333 (the greatest living son of Keep On 61015.) Keep Ahead won first in class and sweep stakes at the Missouri State Fair, 1905, in the best show of the year. He was 16 months old, weighed 600 pounds and ate "International Stock Food" every day. I bought him when a pig weighing 150 pounds. At nine months old he was the runt of the litter. It was in Ohio that I bought him and the very best Poland China breeders and judges laughed at me in the same sale. These same fellows bought other pigs at big prices and they never amounted to anything. This hog is without doubt one of the greatest living hogs. His sons and daughters are sale toppers. His first gilt sold at auction at about 12 months old. She was fed "International Stock Food" regularly and topped Cotta & Mathis & Wares' sale at \$305. Keep Ahead can not be bought for \$4,000.00. He is now owned by Hausen, Black & Gafey, Holbrook, Iowa, and Cotta & Mathis, Farmington, Ill. I am fitting a great lot of grandsons and daughters for next year's shows by the aid of "International Stock Food" and I expect to win. I showed and won at the late Illinois State Fair. The Great Hulda's Darkness without doubt is the greatest sow shown at this fair for years. I never feed anything for the fairs but regular feeding stuffs with "International Stock Food" mixed in. I will send Keep Ahead's sketch now and one of Hulda's Darkness later. Please return the sketch.

Hoping always to have the same success with International Stock Food, I am,

Yours respectfully,

J. WALTER GARVEY, Breeder of Poland China Hogs.

## A BIG MONEY MAKER FOR EVERY HOG BREEDER.

"International Stock Food" is prepared from pure medicinal Roots, Herbs, Seeds and Barks and is fed in small amounts as an addition to the regular grain feed. It Purifies the Blood, Cures and Prevents Disease, Tones up and Permanently Strengthens the Entire System and greatly Aids Digestion and Assimilation so that each animal obtains more nutrition from all grain eaten. It is absolutely harmless for any use or even if taken into the human system. Sold by over One Hundred and Twenty-five Thousand Dealers on a "Spot Cash Guarantee" to give you paying results or your money promptly refunded. We do not compete with cheap and inferior preparations. We guarantee high-class medicinal quality and over Two Million Farmers and Stockmen have thousands of similar unsolicited testimonials on file in our office. TEST IT FOR YOUR PIGS, SHOATS, HOGS, FATTENING CATTLE, COWS, CALVES, HORSES, MARES, COLTS, SHEEP AND LAMBS ENTIRELY AT OUR RISK. COULD YOU ASK ANY FAIRER OFFER? M. W. Savage guarantees that Dan Patch has eaten "International Stock Food" for over four years. During this time he has broken fourteen world records and his marvelous physical condition has astonished the entire horse world. "International Stock Food" will make your Hogs and other Stock take premiums, or it will prepare and fatten stock for market in 30 to 60 days less time and save grain. Always The Cheapest To Use, And Paying Results Guaranteed.



# DAN PATCH 1:55

## LITHOGRAPHED IN 6 BRILLIANT COLORS

# MAILED FREE

## WITH POSTAGE PREPAID.

We Have A Beautiful, Six Color Lithograph of Our World Champion Stallion Dan Patch 1:55, which is 18 by 22 inches. Mr. Savage Guarantees That This Lithograph Was Made From A Photograph Taken By Our Own Artist at The Minnesota State Fair And Shows Dan Hitched To Sulky And Pacing His Fastest Mile. This Remarkable Colored Lithograph Gives All Of The World Records Held By Dan And a Statement of His 43 Miles in 2:01½ to 1:55. This Is A Splendid Horse Picture For Framing. It Is The most Life Like Speed Picture Ever Taken And Shows Dan Flying Through The Air With Every Foot Off Of The Ground. The Greatly Reduced Pen Drawing, In This Offer, Is A Correct And True Picture of Dan Patch In Motion. The Lithograph Offered Could Not Be Duplicated, In Small Numbers, For \$2.00 Per Copy. Every Admirer Of A World's Champion Horse Can Have One Free. We Will Mail You One Copy Free, Postage Prepaid, If You Write Us And State How Much Live Stock You Own And Name This Paper.

LARGEST STOCK FOOD FACTORY IN THE WORLD.  
CASH CAPITAL PAID IN, \$2,000,000.

Address,

INTERNATIONAL STOCK FOOD CO., Minneapolis, Minnesota, U. S. A.





VOL. LII. NO. 2.

DES MOINES, IOWA, JANUARY 10, 1907.

WHOLE NO. 2582

#### LICE AND WORMS IN HOGS.

The following communication has been received from one of our subscribers, Mr. A. W. Mally, of Polk county, Iowa:

Having been a reader of your paper for some time and gathering much valuable information from it, I concluded to contribute a little to the help of my farmer friends who are having trouble with worms and lice among their hogs.

For worms in hogs I find the following recipe very valuable: Santonin, one ounce; ground flax, one and one-half pounds; common soda, one and one-half pounds. Mix thoroughly and feed one pound to thirty hogs averaging about eighty pounds. To larger ones give one and one-half pounds to thirty. Do not give any grain or slop of any kind for twelve hours before feeding medicine and twelve hours after feeding medicine give a good feed of oil meal slop. Mix the medicine in a slop of shorts and treat every five days until three doses are given. The object in feeding three feeds is where large droves are fed at a time some will not get enough and if fed three feeds right in rotation some are apt to get too much. I usually divide my hogs in lots of ten or fifteen to get best results.

I also see one subscriber who is having trouble with lice on his hogs, so will give my remedy. Some four years ago when I tried to rid my yards of lice I sprayed my hog sheds and hogs with a coal tar preparation (creolin), but found that this was not enough. I therefore put in a dipping tank and now dip my hogs once a month both winter and summer, and find that I am not bothered with lice and have lost no hogs from disease.

In the summer I aim to get a rather cool day, as hogs are handled better, and in the winter I get as warm a day as possible so the hogs will not take cold. I also warm the dip used in winter.

I do not spray my hog sheds as I used to, as the hogs go in after dipping and the drippings off the hogs thoroughly disinfect the sleeping quarters. I cover up the dip remaining in the tank and save for the next time.

We are pleased, indeed, to pass this information along for the benefit of our readers. We have always been a little afraid to spray or dip hogs in cold weather, but if they are turned right back into their quarters, so as not to stand around in a draft it is quite possible that they may pass through the ordeal without any injury whatever. The plan here given for destroying worms has been tried so thoroughly by Mr. Mally, as indicated by his success as a hog raiser, that we have no hesitation in endorsing it.

It will not be long now until seed corn testing will be the order of the day. Some will place their seed between wet cloths, while others will use the soil method. All things considered, the latter is preferable, because it furnishes conditions that are more nearly natural. Corn that will come up through three inches of soil when the temperature is no higher than 60 or 65 may be considered strong enough enough to plant. It should do more than germinate, blades showing a healthy, green appearance.

## At the 100,000 Mark.

Announcements in the daily press that The Homestead has reached the 100,000 mark in circulation have brought the publisher a shower of congratulations from representative men of all parts of the country. It would be impossible to acknowledge personally all the gracious and courteous things that have been said; and we take this method of saying to one and all that their kindness, thoughtfulness and generosity are deeply appreciated. The fact that The Homestead had attained to this new dignity did not become public until the last days of the old year; and the responses of our friends began to arrive on New Year's day. One of the first to come was the following cordial note from that splendid representative of scientific agriculture, Prof. Charles F. Curtiss, dean of the agricultural department of Iowa State College, director of the experiment station there, and recognized as one of the foremost authorities in his line in the United States:

Iowa State College of Agriculture and Mechanic Arts, Division of Agriculture, Ames, Iowa, Jan. 1, 1907. Dear Mr. Pierce:—I wish to extend to you my hearty congratulation on the One Hundred Thousand mark being reached by The Homestead. I not only congratulate you personally, but it is also a matter of gratification to the agricultural interests of the state that such a standing has been attained by The Homestead. With best wishes for a happy and prosperous new year, I am, Very truly yours, C. F. Curtiss.

The same mail brought this message from a prominent banking house:

Office of Exchange Bank, (Amos Steckel &

Son) Bloomfield, Iowa, Jan. 1, 1907. The Homestead Company, Des Moines, Iowa. Gentlemen:—We understand that The Homestead has reached the 100,000 point. We are glad to learn of your success and offer congratulations.

Very truly yours, W. J. Steckel, Cashier.

Hardly had this been opened when the following hearty greeting arrived from one of Iowa's great business houses which has made its name a household word with Homestead readers:

Office of the Iowa Seed Company, Des Moines, Iowa, Jan. 1, 1907. Dear Mr. Pierce:—Having recently noticed in one of our daily papers that The Homestead has reached the One Hundred Thousand level, I desire to most heartily congratulate you on attaining this great circulation, which, I believe, is unprecedented among weekly agricultural papers. According to the usual way of figuring, five readers to each copy, this means half a million readers. We have been advertising in The Homestead thirty out of the fifty-two years it has been published, and have therefore seen its growth from a circulation of about four or five thousand to the present immense number, and think we can appreciate the energy and persistent work which have brought this result. We know from past experience that your readers are buyers and that they have a great deal of faith in The Homestead. Hoping that your paper will have the still greater success it justly deserves, I remain,

Very truly yours, Chas. N. Page, Manager Iowa Seed Co.

Iowa being nearest, was first to be heard; but equally generous was the deluge of congratulations from neighboring states. They are still coming from every point of the compass—all couched in the friendliest terms; but space forbids further quotations. Good friends, many, many thanks!

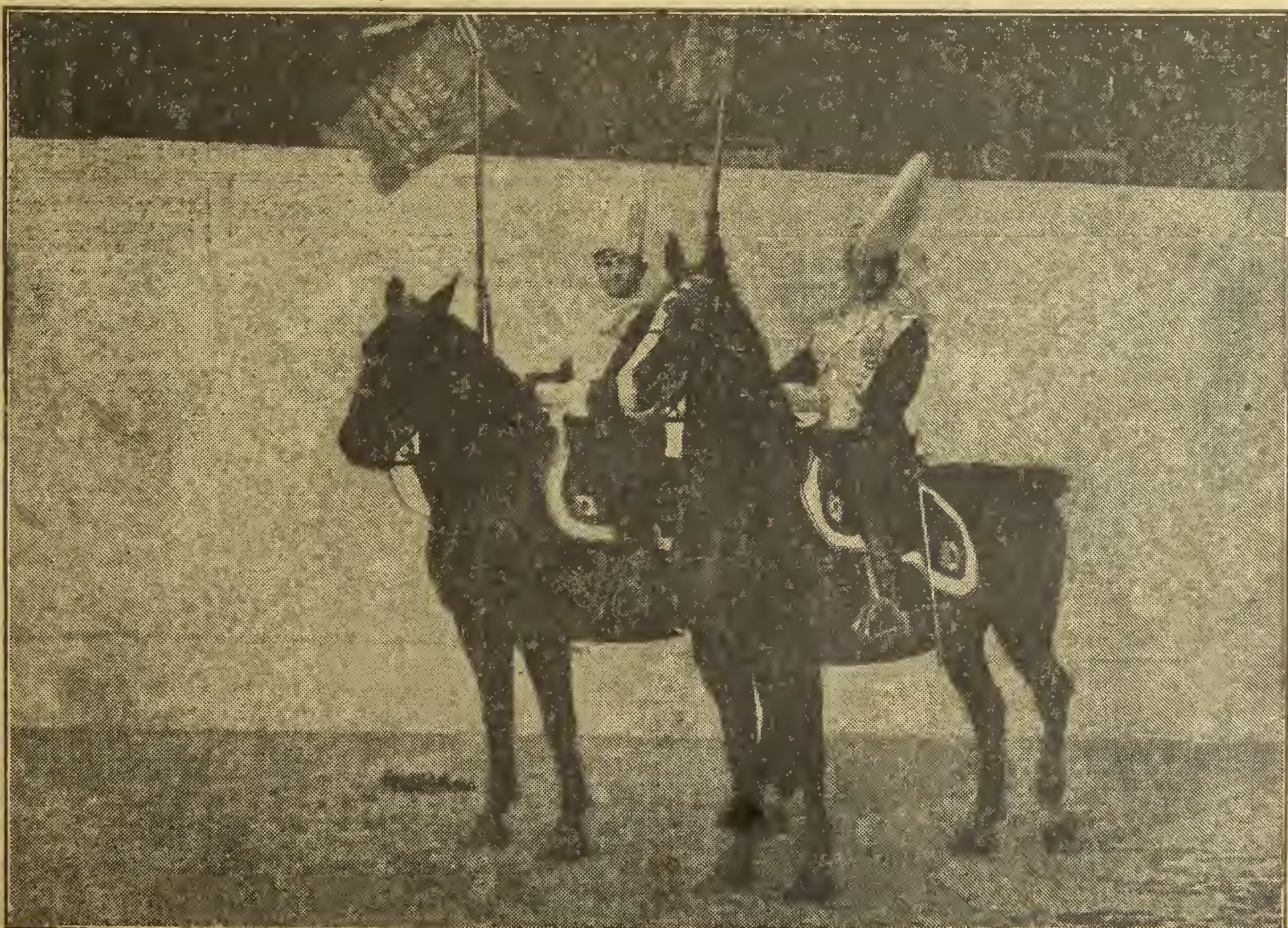
#### DETECTING LOW VITALITY IN SEED CORN.

A Missouri subscriber sends us the following communication:

I was at a corn show some time ago and was startled by the fact that the judge discarded so large a percentage of the seed on exhibition on the ground that it would not grow. Dozens of men brought their corn to this contest in the full belief that they were bringing the best they had, being confident above all things their corn was sound. When the judge went after it with his knife he found that fully half of it was absolutely worthless for seed. Now I should like to know if it is possible for any man to actually detect lack of germination qualities in a kernel of corn. It looks to me that if it were possible for every man to become an expert as this judge appeared to be, it would not be necessary to test corn in the future, but simply to examine it. I wish you would tell me how to examine my corn so that I will know without testing it whether it will grow or not.

Our best authorities on seed corn are sometimes fooled when it comes to the question of determining the germinating qualities of a sample of corn. Generally speaking, however, seed corn hangs out two or three signs that will indicate whether it is good or not.

In the first place, if you take a kernel or two from an ear and the tip of the kernel remains on the cob you may rest assured that such corn, if it is mature, has not been kept under ideal conditions. In the second place, if when a kernel is withdrawn from the ear it brings with it a small amount of the cob, this also indicates that the corn is not in the very best condition for seed. Generally speaking, the adherence of a small particle of the cob to the kernel indicates that the corn has not matured perfectly. Then there is the matter of color as applied to germ. The germ itself, when examined from outside the kernel as well as when it is cut across, should have a bright appearance and should never be soapy. Of course it goes without saying that a kernel should be well filled out, or, in other words, "plump," in order that maturity is indicated to the greatest possible extent. Now, these are indications that even the amateur ought to detect. If you will take corn that has been picked early in the fall, just as soon as it has become nicely dented and has been hung up in well ventilated quarters where each ear is by itself you will find that the kernels from such ears detach themselves from the cob without taking any part of it and without leaving any part of the kernel attached. There are, we must acknowledge, certain conditions of dryness that sometimes will fool an expert when it comes to the matter of telling whether corn is vital or not. When the corn is much dryer than the cob



An interesting feature of the recent International Live Stock Exposition, the exhibit of Messrs. Oltmanns Bros., of Watseka, Ill. A number of German Coach horses were shown by this leading firm and the above illustration shows two of their prize-winning stallions, as shown mounted by Soldiers of Germany in full uniform. Messrs. Oltmanns are among America's leading importers of German Coach, Percheron and Belgian stallions. See advertisement on page 39.



the tip may be left on the cob and yet the vitality might still be in the kernel; but at this time of year corn should be in such condition that in the removal of kernels there should be no breaking or adhesion of cob particles to the tip of the kernel.

But of course the final determination is to actually make a test of each ear and the season is possibly a little early to take up this subject. We know of so many of our wisest men on this subject that have been misled by the appearance of corn that we unhesitatingly recommend the testing of all seed used.

#### ABERDEEN ANGUS BREEDERS OF NEBRASKA TO ORGANIZE.

The Homestead is in receipt of a communication from Christian & Lang, of York, Neb., in which it is proposed that a state organization composed of Aberdeen Angus breeders be effected at Lincoln, on January 17th. Our readers are aware of the fact that a large number of meetings will be held at the agricultural college, Lincoln, Neb., during the week beginning January 13th, so that the time will be convenient for the bringing together of a large number of Aberdeen Angus breeders.

It is suggested by Messrs. Christian & Lang that in order to have a clear understanding of the time the hour 2 p. m. on January 17th be selected, the meeting place being in some of the buildings at the agricultural college, Lincoln.

Railroads have made a rate of one fare plus fifty cents from points in Nebraska to Lincoln and return. It is hoped that of the 150 breeders, ranchmen and farmers that are handling Aberdeen Angus cattle in Nebraska a large representation will be present on the date mentioned so that a healthy state organization may be started. This great breed of beef cattle is winning its way into favor rapidly, but much more could be accomplished if affairs in Nebraska were organized.

The Homestead makes a direct appeal to all doddly breeders to see to it that this is a representative meeting. Each can do something by passing along the word to his fellow breeder, to the end that all shall be informed of the purpose of the meeting and the time it is held. The date, as said before, is 2 p. m., January 17th.

#### Should the Small Breeder Exhibit at Live Stock Shows?

To the Editor of The Homestead:

By "small breeder" is meant the man who is starting in the handling of pure-bred stock, or who has but a small herd of pure-breds. To such men the question suggested above has often presented itself, and there are many who are even now hesitating over the decision, with next fall's shows in mind.

There are several reasons for deciding to show—reasons which should encourage beginners to try their fortune at their county and state fair.

The most important is the educational one. Many a man attends the state fair, to remark that he has better animals at home than those shown; and he believes that he speaks the truth. His judgment is untrained, and the only way in which he can gain knowledge for himself, is by exhibiting his stock. Many a man has a champion at home, that did not land in the prize list when the show was reached. Our great live stock shows are educational institutions, and none secures more knowledge from the same than the exhibitor who failed to secure the ribbon coveted. He studies his own animal in contrast with the others, and analyzes its defects as he could in no other manner. It may be that he has been using a sire of fair individuality, that yet lacks in breed character and type; or it may be that the animal has some decided defect which has escaped the owner's attention until contrast with other animals brings it out in glaring light. The writer has but recently had an illustration of this, where a beginner was using a sire that he fully believed to be excellent. Measured by other bulls of approved type, his weaknesses revealed themselves to even the owner, and an immediate change to a better sire is assured.

The value of show yard training is emphasized by all experienced breeders. One of the leaders among present day Short-horn breeders told the writer that his first real start came from his first show at a district fair. The deadly parallel revealed to him the fact that he had begun with inferior cattle. He went home, quietly and unobtrusively sold all his pure-bred stock, and began anew

The Homestead has reached the long-coveted landmark of 100,000 cash-paying circulation. Over 100,000 farmers, representing a reading population of half a million, are now regular readers of The Homestead, giving it a power for good unequalled by any other weekly agricultural paper in the world, and a place in its own field far beyond competition. Not only is its cash-paying circulation fully 60,000 greater than that of any other agricultural weekly in Des Moines, but it has over 20,000 more cash-paying subscribers in the state of Iowa alone, than any other Des Moines agricultural weekly has in all the states of the Union put together! The Homestead distributes no sample copies except in response to actual requests, and, as it is well known throughout its territory, these requests are very few indeed. At all events, not a single sample copy is included in our circulation statement of over 100,000 bona fide cash-paying subscriptions. We are in the agreeable position of being able to prove our statements by actual postoffice receipts for money paid for postage, by white paper bills and by personal inspection and counting of our subscription lists by advertisers as well as by the cash receipts shown on our books. In such a showing of postoffice receipts, The Homestead enjoys great advantage from the fact that the postal regulations require that sample copies and regular circulation be itemized separately, furnishing proof that The Homestead stands practically alone in its local field in sending out no sample copies.

The 100,000 mark was reached several weeks before the publisher expected it. The rush of new subscriptions in December was far beyond precedent and is still continuing at a rate never equaled in The Homestead's history. Our daily mail is overwhelming in quantity, calling for constant additions to our large force of subscription clerks. The people of Iowa, Illinois, Nebraska and surrounding states seem to be hungry for The Homestead and eager to receive the gospel of good farming. Their letters teem with expressions of friendship and appreciation for The Homestead—evidences of a feeling which would conquer the stoniest heart.

It has always been the policy of The Homestead to give both the subscriber and the advertiser more than the worth of their money. For several weeks past our circulation has been quoted at "over 85,000," but we have refrained from stating just how far the figure of 85,000 was exceeded. The circulation went up to 88,000, then to 90,000, then, by rapid

with the right sort—starting with few, but good ones.

The second main reason for showing, is the advertising. All exhibitors receive notice in the official catalogs, and in the agricultural papers which report the shows. Animals that land in the prize list usually receive special mention, and this is the best of advertising. Aside from the printer's ink secured at low cost, the acquaintanceships formed and the opportunity of inspecting stock afforded to visitors and prospective buyers, never fails to be an asset of tangible value when the year's results are reckoned up. The best of all advertising is that secured by showing winners, plus some newspaper advertising, judiciously placed.

There are other reasons also—the enlargement of one's horizon, the inspiration which comes from association with strong men of ripe experience, and the improvement of the breeder himself—the gain in self control, and in courtesy and tactfulness in business relations. All are of value, materially and otherwise. The small breeder—beginner or otherwise—can well afford to start in an humble way to exhibit stock at the county and state shows. The cost need not be great, as it is well to start with but one or two animals. The experience gained will permit of success on a more extensive scale.

Healthy strife promotes strength. Progress comes from the contests of men who dare compete. Wayne Dinsmore.

leaps to 93,000, 95,000, and 98,000; but still our advertising representatives were under instructions only to guarantee "over 85,000," giving the advertiser the benefit of a handsome excess over what he paid for or expected. When the 100,000 point was reached a short time ago, it was decided to let the world know that The Homestead's hosts had at last carried the heights and that the goal of its friends' ambition for it—100,000 cash-paying circulation—had actually been reached. A banquet at the Savery hotel in Des Moines by members of our editorial, circulation and advertising staffs celebrated the new victory.

"Victory follows victory with James M. Pierce's unrivaled group of farm papers," said one of the Des Moines dailies in reporting the banquet and jubilee. "The announcement is now authoritatively made that the Iowa Homestead, the leading agricultural weekly not only of Iowa, but of the world, has reached the 100,000 mark in circulation, which fact its management stands ready to prove by postoffice receipts, white paper bills and submission of subscription lists to the inspection of persons interested."

One of the most remarkable demonstrations of the power of advertising recorded in the history of agricultural journalism is vouched for by The Homestead's traveling representative in Oklahoma. Mr. A. J. Waldo, the well-known real estate man of Oklahoma City, Oklahoma, recently inserted a fourteen-line advertisement for four weeks in The Homestead. Over 2,000 letters were received by Mr. Waldo in answer to this small advertisement; and one morning when he reached his office he found seven men from the north looking for land bargains, every one of whom had come in answer to that one little advertisement. Our representative might have been incredulous as to the number of the letters if he had not been shown the letters themselves in confirmation of this miracle of modern agricultural advertising.

Mr. George H. Ilten, of Cedar Rapids, Iowa, inserted a four-line poultry advertisement in The Homestead of December 20th and 27th. On the 28th, one day after the second insertion appeared, he wrote beseeching the publisher to stop the advertisement. "My advertisement in The Homestead has cleared me all out of the birds of that price which I advertised," he wrote; and doubtless he has since had that not uncommon experience of Homestead advertisers, being obliged to refuse orders, return money and explain that it was all due to the

efficacy of The Homestead's advertising columns.

A Christmas-day letter from that popular and reliable firm, Messrs. G. P. Tyrrell & Son, proprietors of the Jones County Herd of Registered Short-horn Cattle and Duroc Jersey Swine, Oxford Junction, Iowa, to a Homestead representative announces a tremendous demand for the firm's pure-bred animals resulting from a Homestead advertisement. "The advertisement in The Homestead sold all the pigs," says the letter. "We are sold out of males. Will advise your office what change to make in our advertisement; will probably sell a few gilts." Other mediums used sold a few animals, but the large bulk of the demand was from The Homestead's 100,000 subscribers—a gratifying evidence of the potency of advertising when it appeals to vast numbers of prosperous farmers.

We trust that our readers, in ordering The Homestead for 1907, will not forget that our "Red Letter" combination is still open to them—The Homestead, The Chicago Weekly Inter-Ocean, The Kansas City Weekly Star, The Farm Gazette and The Homemaker, all for \$1.25 a year. We are receiving an immense number of orders for the five papers and it is always a pleasure to fill them, for the reason that we know it means so much for the happiness, instruction and prosperity of a farmer's family to have always on hand a supply of good reading matter.

The Homestead's department of classified advertising is bringing fine returns to those who use it. For five cents a word your advertisement is inserted, by special arrangement, in The Homestead, with 100,000 circulation, The Farmer and Stockman of Kansas City, Mo., with 56,000 circulation, and The Wisconsin Farmer of Madison, Wis., with 34,000 circulation, a grand total of over 190,000 circulation covering the states of Iowa, Illinois, Nebraska, Wisconsin, Minnesota, South Dakota, Missouri, Kansas and Oklahoma. No single insertion is made for less than \$1.20; and, as we keep no books for this department, cash must accompany the order. Each number, initial letter and abbreviation, including the address, counts as one word. No display type or illustration is admitted in our classified department, the plan being to produce uniformity of appearance and give every advertiser an equal chance. In order to insure insertion, copy of the advertisement should reach us on the preceding Saturday or earlier.

#### The Date of Farrowing Question.

To the Editor of The Homestead:

In several recent editions of this paper I see a question in regard to the proper farrowing time for fall and spring pigs that is being discussed by numerous readers. As this is an important subject and one that is interesting to myself as well as others, I will give my experience.

In the fall of 1905 I had two litters of pigs farrowed October 4th and 7th (Duroc Jerseys) and bought another bunch of Poland China stock that was two weeks older than mine. This, made me a bunch of twenty-five, which I put all together. I had no pasture for them so I cooked slop (made of ground barley) nearly all winter, and in addition gave them a generous feed of shelled corn.

I kept them until they were about six months old and had fattened them before they had made their growth, so I disposed of them for some one else to finish and started with another bunch of thirty, farrowed about October 15, 1906. These are now doing nicely, but they have the run of rye and alfalfa pasture and once a day I give a bucket of slop made of four quarts of shorts, four gallons of skim milk and enough hot dish water to warm the mixture. At night I simply mix the slop with the well water, and I hope to bring them through

the winter in a more thrifty and growing condition.

I have been breeding sows now since December 8th, which will bring the pigs from March 31st on, and this I consider late enough for spring pigs, for the earlier pigs are the ones you can get on the market without feeding so far into the winter, which is a good point to consider. I think that a hog raiser who has a good, warm hog-house should start his pigs the last of February and September for two litters a year.

Marion county, Kan. T. S. Curd.

#### Winter Wire Stretching.

To the Editor of The Homestead:

I desire to offer a little criticism to a communication which recently appeared in your paper on this subject. It was signed "Subscriber," and I think it contained erroneous teaching. "Subscriber" must live in a country where the climate acts the very opposite from what it does in ours. I have always observed, and it is a well-known fact, that heat expands steel and cold contracts it, so that if you stretch wire in the winter, instead of pulling the corner post out next summer, the chances are that it will be too slack. It is not my thought to prolong unduly a discussion because there is only one side to this question, and, as said before, "Subscriber" is wrong when he states that heat contracts and cold expands it. A Nebraskan.



## Farm Furrows

Turned by a Practical Farmer.

The frost strikes deep in well drained soil.

Pardon us for asking such a commonplace question, but how are your New Year's resolutions?

If the phrases "how lovely" and "how sweet" were extracted from the vocabulary of some girls there would be mighty little left.

Isn't it peculiar that some men will drive all the way to town and back for a close shave, at what is often more properly called a butcher than a barber shop?

Did you ever try writing a Furrow? If you never did, try it and send the result of your effort to the Furrows man. If it needs harrowing we'll give it a "double stroke" if necessary.

The best resolution one can make for the new year is that you will be less grouchy or less irritable than you were last year. It is much easier to grow in grouchiness than it is to grow in grace.

A bulletin from the department of agriculture discusses the injurious effect of cottonseed meal when fed to hogs. According to this bulletin hogs die with "a severe hemorrhagic gastro-enteritis, congestion of the liver with parenchymatous degeneration, edema of the lungs, cloudy swelling of the kidneys, and oftentimes a well-marked dropsical effusion of the pectoral and peritoneal cavities, and occasionally in the pericardial sac." It is little wonder that they died.

About the best investment that we could imagine any grain grower making just now is to buy a good fanning mill. Don't compromise with light and dirty oat kernels in the seed oats. Make the seed oats clean and as free from mustard and other foul stuff as any fanning mill can make them. You can stand a little strenuous exercise these days, so put on enough wind to blow over everything but the very best and heavy grains.

It is a mighty good policy to always have some floating capital on hand. Many men have gone bankrupt in their business operations just because they didn't have a little cash on hand to help them out of a pinch. There is no reason why the farmer, as well as any other business man, shouldn't be thus prepared to tide over a period when receipts run low. There is nothing that makes us more uneasy than to see our reserve fund running low. Plan to have something coming in every month.

The other day we took the boys out to the eight bee hives in an out-of-way corner of the orchard and came back with our hands full of the finest honey we ever saw. In a way, we had forgotten all about those few hives during the summer, except when some of us got stung. However, we will very likely think of them often in the next few months to come when we will have the finest kind of honey on the table every day. We often wonder why more farmers do not keep bees. They require a little attention during the swarming



# Why we make 50,000 miles of fence every month.

Every year since wire fence came into use, we have made and sold more wire fence than all other fence-makers combined. With the largest output at all times during the remarkable growth of the wire fence industry, we always "bid highest" for fence brains.

These master minds of steel-wire-making have never stopped working on wire-fence improvements.

And we make 50,000 miles of fence every month—enough to go twice around the world—because the discerning American farmer demands that much

## AMERICAN FENCE

That's over 80% of all the wire fence sold, which means that four out of five farmers demand American Fence.

Now, four out of five American farmers are not *wrong* on this fence question.

They know that whenever they need fence, they can always be sure that American Fence is the best fence ever produced up to that hour and minute.

Recent improvements in galvanizing make American Fence longer lived, make it cost you less per rod per year's wear, though the price remains the same.

**NOTE**—I want to send you the combination key-ring, shown in the corner, with our compliments, as a continual reminder of American Fence. We register your name and number on our books, and return keys, without cost, if found and sent us.

Frank Baackes, Vice-Pres. and Gen. Sales Agt.  
American Steel & Wire Co.  
Chicago, U. S. A.

Drop  
me a  
postal  
and tell  
me how  
much fence  
you will need  
this year.

I will write you  
a personal letter  
about American Fence  
and send you this com-  
bination key-ring, screw-  
driver and bottle-opener.



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TO YOU  
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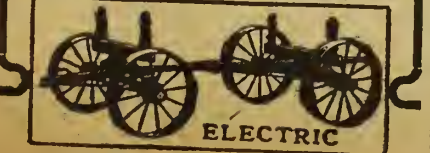
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Can Save a Lot of Money!  
Can Increase Your Comforts!  
Can Increase Your Profits!

If you are interested in those things we'd like to send you our new book about

**ELECTRIC STEEL Wheels**  
and the  
**ELECTRIC Handy Wagon**

More than a million and a quarter of them are in use and several hundred thousand farmers say that they are the best investment they ever made. They'll save you more money, more work, give better service and greater satisfaction than any other metal wheel made—because **They're Made Better**. By every test they are the best. Spokes nailed to the hub. If they work loose, your money back. Don't buy wheels nor wagon until you read our book. It may save you many dollars and it's free.

**ELECTRIC WHEEL CO.,**  
Box 43 Quinoy, Ills.



season, but that is repaid over and over again by the fine supply of honey that may be secured in the fall of the year.

The day will never dawn when there will be no such thing as "fashion" in pedigree. It is generally founded on the wisdom of intermingling the right kind of blood lines, but too often it goes to seed.

If there were as much study put into the pedigree of the animal "man" as there is in the case of lower animals, the race would improve faster. Of course it is the other fellow that keeps it from improving and not us.

We used to put down our sausage in the old-fashioned way, that is, by working the sausage meat into little pats, frying them out and packing them away in lard. That is an everlastingly slow way now in comparison to our present plan. Now we simply pack the meat in sound earthen jars and bake it in the oven for five hours. The heat must, of course, be moderate, as it is much better to bake it slowly. After taking

from the oven we weight the meat down so as to let the grease cover it. When wanted for the table just slice out and heat.

Every solitary toy that I got my eyes on at holiday time was different from those in vogue when I was a boy. Still, I don't believe the youngsters are a bit better satisfied with what they have than we were with what we had fifty years ago.

"Keeping the Fences Tight" would make a good text for a sermon to many farm congregations. If there is anything that is aggravating it is to chase after stock that has broken through fences. Such a thing is sure to happen when you are the least prepared for it.

Many a person carries on his business year after year without realizing the advantage there is in advertising. If you have a few pure-bred chickens, hogs, cattle, horses, corn or anything else produced on the farm that is in demand, you would be surprised how it would increase your market and your profits to

advertise in a paper like The Homestead.

In scriptural times the Wise Men lived in the East, but that's not true today. Farmers of the West are wiser in their day and generation than those in the East—they know enough not to deplete the fertility supply in their soils.

Moldy corn fodder may be eaten by stock if they don't have anything else to satisfy their appetites. Nevertheless that does not mean that such fodder is as good as bright fodder. If you have several ricks of good, bright fodder on hand you can feel that you are blessed a great deal more than some of your neighbors.

**Cured by Anointing With Oil.**

Cancer and Tumor permanently cured with a Combination of Oils. Write to the Originator for his free books. Beware of imitators. Address Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

The Homestead and The Homemaker \$1.25 per year.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

**SUBSCRIPTION RATES**—Single subscription, \$1 a year; ten copies one year, \$10, and an extra copy to get up of club. In clubs of one hundred or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance \$3; ten years in advance, \$5. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send the old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## THE MATTER OF THRIFT IN FARM ANIMALS.

There are a number of what might be called open secrets in the business of producing live stock at a profit. If any man will take the time to examine the methods of one who has made a conspicuous success of any kind of live stock, he will find that the methods of feeding are such as to contribute in the greatest possible degree to the "thrift" of animals under his charge. Of course all men endeavor to keep their animals thrifty and healthy, but all do not employ methods that accomplish this end.

A prominent swine breeder recently said that the feed and care of a sow during the two months previous to farrowing were of more importance to her litter than the care during the first two months after. He expressed the belief, based on long experience, that the secret of raising strong, healthy pigs was found in having the sows gaining at the time they are bred and running them along so that they are making a little gain every day until the time of farrowing. Of course this does not mean simply a gain in fat, but a gain in flesh, contributed to by the feeding of flesh-forming constituents. In the case of a sow there are a great many kinds of food that will answer the purpose well, but on general principles it may be said that a variety is always advisable. The small grains are better adapted to the needs of a brood sow than corn, though of course a little corn can be fed daily during the winter. The point is that the brood animal must be built up so that she is not only in an ideal state of health, but also that she be made to carry a considerable degree of good, firm flesh.

The same identical doctrine applies to cows. If one will take a cow that has been milking heavily all summer and fall and turn her out in the stalk field and give her no special attention during the winter, such a cow cannot give her calf the kind of a start that it needs in order to make the right kind of growth. If you want your beef calves to weigh 800 or 900 pounds at twelve month old they must be given the right kind of a start before they are born, and the feeding of the cow has much to do with this start.

As is the case of sows, corn is not enough for the cow. She need not be fed heavily, but two or three pounds of bran and the same quantity of oats daily, together with a little corn, will contribute much to her "thrift," and this in turn will lead to results commonly attributed to luck.

There is no better way to keep abortion out of the herd than to handle the cows in such a way that they are gaining in flesh between the time they are dried up and the freshening date. Of course this will not prevent loss in case of herd contamination, but under ordinary circumstances there will be very little trouble

if each individual in the herd is cared for in the manner described. Every sensible herdsman knows by the character of the coat of the animals he is feeding whether they are thrifty or not. They may of course be loaded with fat and yet be unthrifty. Indeed, it is not uncommon to find cows of any of the beef breeds fairly loaded down with fat and at the same time their hair will be starey and their skin harsh.

If a man has stock that is worth raising on high-priced land it should not be considered too much trouble to occasionally give the cows, mares or sows a good warm feed during the winter, and this mixed with a little bran and oil meal in case any of them get out of condition. A mixture of this kind fed two or three times a week will sometimes do wonders in bringing animals into condition. Oats or barley make an excellent boiled ration, each being palatable and each contributing much more than corn to the building up of the flesh constituents of the body. Then, it means a change which generally sharpens the appetite, and this in itself is often most desirable.

To those of our readers who have had a little bad luck in the past at farrowing time in the spring we would offer one word of advice. From this time on cut down the corn ration; feed the cows such grain as oats or barley and so much the better if a little small wheat or rye is obtainable. It is not necessary that the grain be ground, though if it is ground and fed in the form of a warm slop at least once a day, so much the better. In addition to these grains, feed about 5 per cent of oil meal or tankage daily. In other words, for every hundred pounds of the grain used use five pounds of either one of these by-products. Keep the sows gaining, but never feed them all they will eat. If they have access to plenty of water, and especially if ashes or coal slack and salt are available, the chances are twenty to one that there will not be a single sow in the herd that will have any difficulty at farrowing time, they will not be cross and they will not eat their pigs. Of course it goes without saying that the sows, especially during fine weather, should be shut away from their sleeping quarters during a greater part of the day, thus compelling them to take exercise.

## EXHIBITING LIVE STOCK AT SHOWS.

Elsewhere in this issue will be found a contribution from Wayne Dinsmore, of the Iowa Experiment Station, who writes under the topic "Should the Small Breeder Exhibit at Live Stock Shows?" Mr. Dinsmore makes out a good case in favor of the practice of showing.

Of course there are two sides to the question, as we have successful men conducting extensive breeding operations who have never made a practice of showing, and, on the other hand, most of our present-day showmen have made a success of their business.

It is doubtful if any one experience will do so much to sharpen a man's judgment as to take his own stock out and stand it beside the other fellow's. It will show you quicker than anything else whether the type you are working on is right or not. Then, of course, there is the matter of fitting, and it must be borne in mind that at our best shows no man can expect to win with animals that are not well fitted. This does not mean that they must be carried so far as to ruin them for breeding purposes, but it simply means that they must be built up in fat and in flesh so as to appeal to the eye of the visitor and the judge to the greatest possible advantage. No man need expect to start in and win from the word "go," and there is no better place to start showing than one's county fair. There is plenty of time later to take part in state fairs, interstate fairs, national and international expositions.

## Short-horns in 1906.

The year 1906 has been one of steady progress in the breeding of pure-bred Short-horn cattle. It has not been attended by any speculative excitement or boom, but seems to be based upon a steady, solid basis of legitimate profit. Both the years 1905 and 1906 have been marked by an unusual increase in the number of new breeders entering the ranks and starting herds. Along with the wonderful change going on in the Northwest, where its immense valleys are being converted into great stock farms, and the open range for breeding cattle more or less given up, the increase

## IT IS OUR IDEA

in placing this advertisement to interest farmers in buying Drain Tile during the winter months, so that they can be hauled while roads are smooth and hard, and while it is possible to drive onto wet fields and string the tile along proposed lines of drainage.

By buying now you can avoid any delays in shipping and avoid handling tile when farm work is pressing you next spring. If tile is on the ground they can be put in as soon as the frost is out of the ground, thus giving you a much longer time to work the land before seeding.

### OUR DRAIN TILE ARE HARD BURNED

and can safely be exposed in this way to snow and ice, as they are not damaged in any way by weather conditions.

We have a large stock of all sizes, so that we can ship promptly and select grades carefully. We offer special terms on winter shipments and solicit your correspondence. Our book, "Hints on Tile Drainage," will be gladly mailed you free of charge.

DES MOINES BRICK & TILE COMPANY,

EAST DES MOINES, IOWA.

## BOYLES BUSINESS COLLEGE, OMAHA

Mid-Winter Term Opened January 3, 1907.



Largest Commercial School and Institute of Shorthand and Telegraphy west of the Mississippi river. Owns and occupies entire building. Graduates assisted to positions. Students may work for board. Students admitted at any time.

The Large Illustrated Catalog is Free.

BOYLES COLLEGE, 1804 HARNEY ST., OMAHA, NEB.

## 5,000 Rifles

FREE  
TO BOYS

Just send us your name and address so that we may tell you how to get this fine rifle Absolutely FREE.

### YOU CAN HAVE ONE

As we are going to give away 5,000 of them. We mean it, every word, and this is an honest, straightforward offer, made by an upright business firm who always do exactly as they agree. All we ask is that you do a few minutes work for us. It is so very easy that you will be surprised. This Handsome Rifle is a toy air rifle, but is a genuine steel, blue barrel, hunting rifle, that is strong, accurate and safe and carries a 22-calibre long or short cartridge. If you want a fine little hunting rifle, just write and ask us for particulars. They are free and you will surely say it's the best offer you ever saw or heard of.

### BE SURE and WRITE AT ONCE

before the 5,000 rifles are all gone, as the boys are taking them fast.

Address  
Peoples Popular Monthly,  
571 Arcade Building,  
DES MOINES, IOWA.

## CANCER OF THE BREAST CURED

How  
Mrs. Ollie Phillips'  
Life was Saved

ST. CHARLES, IOWA, Nov. 15, '06.

DR. L. T. LEACH,  
Indianapolis, Ind.  
Dear Doctor: I am glad to write you that I am cured of the terrible cancer of the breast. When I first applied to you for treatment I was too weak to walk without assistance. You ought to see me now. I can step around as well as anyone. People look at me with wonder, and I never fail to give you the credit for it. Words cannot express my heartfelt thanks to you.

Yours gratefully,  
OLLIE M. PHILLIPS.

CANCEROL has proved its merit in the treatment of cancer. It is not in an experimental stage. Records of undisputed cures of cancer in nearly every part of the body are contained in Dr. Leach's new 100 page book. This book also tells the cause of cancer and instructs in the care of the patient; tells what to do in case of bleeding, pain, odor, etc. A valuable guide in the treatment of any case. A copy of this valuable

BOOK FREE TO THOSE INTERESTED

Address, DR. L. T. LEACH,  
BOX 88 INDIANAPOLIS, IND.

**WANTED** 10 men in each state to travel, distribute samples of our goods and tack advertising signs. Salary \$91 per month, \$3 per day for expenses. Saunders Co., Dep. 3, Jackson Blvd., Chicago

ing steadily forward in response to a growing demand.

Since the meeting of one year ago Vols. 63, 64, 65 and 66 of the Herd Book have been sent to shareholders; Vol. 67 is about one-third printed; entries for Vol. 68 were closed October 23d and since that date pedigrees received have been filed for Vol. 69.

The total number of Short-horn cattle recorded to date is 689,400, of which number it may be safely stated 35 per cent (241,300) are now living.—(From American Shorthorn Association.)

**TO CURE A COLD IN ONE DAY**  
Take LAXATIVE BROMO Quinine Tablets. Drug stores refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

## HORSE OWNERS! USE

GOMBAULT'S  
**CAUSTIC  
BALSAM.**



A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for circulars. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## HUSBAND AND WIFE—KANSAS.

A Subscriber, Mediapolis, Iowa.—A man owning property in Kansas died there, leaving a widow, but no children. What portion of his property is the widow entitled to under the laws of Kansas?

Answer.—The widow is entitled to the whole estate.

## OBSTRUCTING STREETS.

Mrs. C. H. Tower, Corning, Iowa.—A is a widow living in her own house in town. B keeps a livery stable directly across the street from A's house. He runs carriages on A's side of the street up to her sidewalk and along the entire length of her lot, so close together that one cannot get from the road to the sidewalk. A requested B to not do this, as it spoiled her chances to sell the property. B informed the mayor of her complaint and the mayor ordered A into the house, saying that the streets belonged to the town, and she had no rights in the matter. She is a worthy woman and has not the means to prosecute the case. What can she do?

Answer.—If she has no means to prosecute a law suit she can have no remedy at law unless some friend comes to her assistance in the matter. There is a remedy. The livery man is guilty

of obstructing the streets, but to enforce a remedy Mrs. A will have to engage a lawyer to commence proceedings. Maybe some ambitious young attorney would be willing to help the poor woman out without a fee.

## RAILROAD FENCES—RUSSIAN THISTLES.

A Subscriber, Decatur, Iowa.—(1) Are railroad companies in Iowa required by law to fence their rights of way with a woven wire hog-tight fence? (2) What distance between posts does the law require in a railroad fence? (3) Are such companies required to mow or cut the grass and weeds on their rights of way?

Answer.—(1 and 2) They are not. They are required to construct fences consisting of five wires securely fastened to posts not more than twenty feet apart, the top wire to be fifty-four inches high; or five boards securely nailed to posts not more than eight feet apart, fifty-four inches high, or any other fence which is deemed to be equivalent to one of these by the fence viewers. (3) They are not. They are required to prevent the growth of Russian thistles upon their rights-of-way, depot grounds and other places controlled by them.

## BREACH OF CONTRACT.

An Iowa Subscriber.—Last March I hired a man to work for me on a farm for \$250. He began to work on the 29th of March, and continued until the 3d day of July at noon. I then gave him \$25 and allowed him to go to a neighboring town for a Fourth of July celebration. He was to return to work on the 5th day of July, but he did not return at all, and I was put to large expense in getting help in his place. I paid him \$41 in all. He claims to have received only \$35 and wants \$30 more, and has put his claim therefor in the hands of lawyers to collect. What rights have I in the matter?

Answer.—The man can recover from you what his work was actually worth, deducting therefrom two items, viz.: First, the \$41 you have paid him, and second, the amount of damage you have sustained on account of his not keeping his contract. If these two items amount to more than the actual value of his work he can recover nothing.

## INHERITANCE IN WISCONSIN.

A Subscriber, Calamus, Wis.—A husband and wife live in Colorado. They have no children. The wife owns land in Wisconsin. (1) In case the wife should die without a will what portion of her Wisconsin property would her husband get? (2) Suppose they had children, what portion would the husband get? (3) If a woman has a deed of property and by marrying changes her name, must the name in the deed be changed to correspond?

Answer.—(1) The husband would be entitled to all of the Wisconsin land. (2) In case the wife should die, leaving children, the surviving husband would be entitled to the use of all land in Wisconsin belonging to the wife so long as he should live. At his death the land would go to the children. (3) No. When she conveys it she will do so in the name she then claims, reciting in the deed her former name, marriage, etc.

## WORKING ON HOLIDAYS.

A Subscriber, Stockton, Ill.—If a man is hired by the month in this state to work on a farm, and nothing is said between parties concerning holidays, would he be required under his contract to work on such days, and if he did not do so would he have to make up for time lost?

Answer.—The law designating certain days as legal holidays has no application whatever to the relations between employer and employe, nor to any contract between them concerning labor. It applies to the presentment of bills, notes and checks for acceptance, payment, protest, etc., and to legal process, but not to labor, so that unless there be a custom or usage concerning such days so general and well understood throughout the community or farming district as to be implied as part of a labor contract, a man hired to work by the month must put in all of the working days, including holidays, and he cannot recover extra pay for working on such days, and if he omits to work on such days he must make up the time.

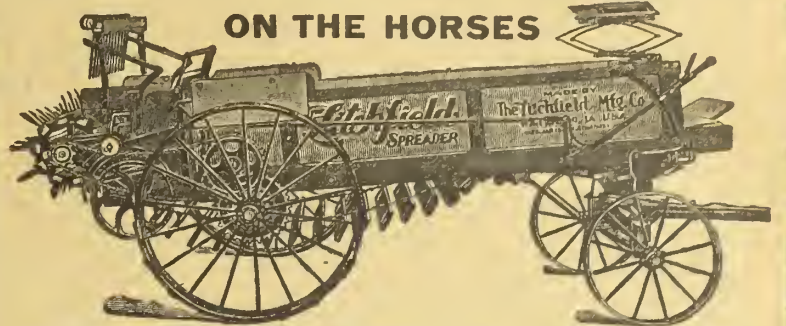
## JUDGMENT—NOTICE—DEEDS.

A Subscriber, Maxwell, Iowa.—(1) A gave a judgment note to C and C obtained judgment thereon. In order to keep the judgment alive C sued on it and served a personal notice on A. Suppose C has to sue a second time, must he have A served with notice again? (2) How long does a judgment hold before being outlawed? (3) Is a warranty deed acknowledged before a notary public good in any part of the state where it is executed? (4) How long does a deed of real estate remain good if not placed on record? (5) Is it a crime to give two separate deeds for the same piece of land?

Answer.—(1) He must have A served with notice of the suit. (2) Twenty years. (3) It is. (4) As between the parties—that is, the grantor and the grantee—it is good forever and a day, but as against third parties—for instance, subsequent purchasers for value without notice or incumbancers without notice—it is not good. (5) If the second deed was given with intent to

## WHY IT IS EASY

## ON THE HORSES



TO tell our customers why the Litchfield Spreader is easy on the horses is in one way easy for us to do and in another very hard.

It is an easy matter to enumerate dozens of valuable features of the Litchfield Spreader, most of them being exclusive with this machine. It is sometimes very hard, however, to get our readers to thoroughly understand that our advertisements are at least intended by us to be "all wool" and absolutely "full width." Owing to the rather unscrupulous statements made by many advertisers in this "modern" age, we don't always get credit for the "square deal" that we are trying to give in our advertising, just the same as we are giving in our sales.

The Litchfield Spreader is easy on the horses because the horses have been taken into consideration in designing this Modern Machine. The Litchfield Spreader uses the pole to which the horses are attached for pulling and guiding the machine. We have not, in order to save cost of construction, braced our front axle on the horses' necks. Please take particular note of this: We brace our front axle to the machine. This is done by bracing the bolster to the front of the frame, and the axle back to the center of the frame. This makes a perfectly rigid and exceedingly strong hitch. The pole swivels freely up and down with no load on the horses more than would be with an ordinary farm wagon. Compare this with other machines and think of your horses.

Our machine has six-inch, round-edge tires on the traction wheels, which will stay on top of soft ground where the old-fashioned four-inch, square-edged tires will sink many inches deep into the soil. This means a great saving in draft, and is of vital importance.

Please note the stocky, short, compact build of the Litchfield Spreader and compare it with those long, narrow machines where the load is many feet farther from the horses than on our machine. This means many pounds saving in draft.

Our adjustable two or three-horse hitch is, without doubt, one of the finest equalizing features that was ever put behind horses. It is theoretically and practically, absolutely perfect. There is no twisting of your horses or side swinging of the tongue with this kind of a hitch like you get with any of the so-called "equalizers" as furnished with all center pole vehicles for three-horse work.

We don't want your business if we can't get it on the merits of the Litchfield Spreader alone. Come and see us or write us and let us have a chance to talk with you. (To be continued.)

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

**\$4.00 to \$8.00  
Per Acre**

**That's What a Good Spreader  
Will Do if Used as it Should Be**



Write Us and  
Let Us Tell You  
How.

**There Are Several Kinds of  
Spreaders**

**All The Best ?**

**No Spreader is best, or even good, unless  
it has:—**

- An Oak Pole—not pine
- Oak Sills and frame—not pine or maple
- Wrought Iron Truss and Stay-ropes to keep the frame square
- Hickory Double-trees—not rock elm
- Malleable Fifth Wheel—not cast iron
- Double Oak Bolsters
- Wide Front Axle so wheels will track
- Front Axle set under the front end of the body so the load is equally balanced on front and rear axles
- Gear Wheels and Sprockets keyed on—not pinned on or fastened with set-screw only
- Heavy Wheels with big spokes—not light wheels with 1 1/2 or 2-in. spokes
- An Endless Apron—not a half apron
- A Hood and End Gate to keep the manure away from the beater while loading

**The Great Western Endless Apron Spreader  
has all of the above good features.**

**It is Made for the Man  
Who Wants the Best.**

There is no other "just as good" or nearly as good. Ask your dealer about the

**Great Western**

Don't let him sell you a substitute, that he says "is just as good."

The Great Western will cost you just a little more than any other, but for every dollar extra that it costs, you will get \$5.00 more in value. The difference in cost will be more than made up in repairs alone in a short time. Besides this, you will always have a machine that will be ready to do business. It won't be laid up for repairs just at the time that you want to use it.

We issue a book that will tell you when, how and where to spread manure; how to make from \$4.00 to \$8.00 more per acre from your farm than ever before. Write just these words on a postal card or in a letter. "Send me your book, Practical Experience with Barnyard Manures, and catalog No. 4538."

They will be mailed to you Free. Do it now before you haul your manure or prepare for another crop. Write us at any address below.

**SMITH MANUFACTURING CO.,**  
163 Harrison St., CHICAGO, ILL.

301 Leavenworth Street, Omaha, Neb.  
1308 West 11th Street, Kansas City, Mo.  
Fourth Ave., and 8th St., Minneapolis, Minn.

defraud somebody it would be a crime which in Iowa renders the person liable to be sent to the penitentiary for not more than three years, or fined not more than \$1,000 or imprisoned in county jail not longer than one year.

## HUSBAND AND WIFE—DESCENT.

A Subscriber, Hedrick, Iowa.—A husband and wife live in Iowa and own land which was bought with money of the husband, and the title is in his name. They have no children. Each one of them has brothers and sisters. If the husband should die first, who would be entitled to the land?

Answer.—The widow would get one-half of it, and the other half would go to the deceased husband's brothers and sisters, providing his parents are dead.

## DEED WITH RESTRICTIONS.

A Subscriber, Guilford, Kan.—A wished to start a town in Kansas in which no liquor could ever be sold. He set up a store on his farm and divided the farm into lots and sold them, giving deeds which were in the ordinary form, conveying fee simple title, except the habendum clause, which contained these words, viz.: "To have and to hold the same forever, for residence purposes and farming only." (1) B bought one of the lots. Can he put up a store building on it and sell goods? (2) A is dead. His heirs are of age and are willing that B should carry on a store on his lot. Can he obtain such a right from them?

Answers.—(1) He cannot. (2) If no one but B bought lots in the tract, then the heirs of A can grant B the right to put up a store building on his lot and sell goods there, but if others beside B have bought lots in the tract upon the same terms, then all owning property in the tract will have to grant B the right before he can use his lot for any other purpose than those limited in his deed. Grant of the right to him would have to be signed and acknowledged by the parties and recorded just like a deed.

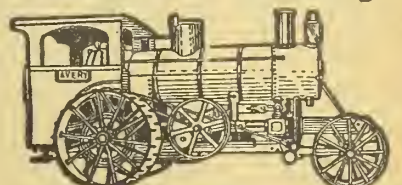
## All Knowledge Summarized in One Great Work.

One of the great writers of France has said that "history teaches everything, even the future," and a more recent American writer has declared that to study history "is to familiarize ourselves with the whole realm of literature, science, art, philosophy, conquest, exploration, romance and human biography."

This being true, a complete history of the world from the remotest antiquity to the present day would be a summary of all knowledge; and to master such a work would be, in a real sense, a liberal education.

Unfortunately, however, most of the

## Latest Avery



Double Cylinder, Undermounted 18, 20, 22, and 30 H. P. No strain on boiler, no loose brackets. Also build 10 Bottom Steam Pumps. Greatest Steam Pump Output made. Ask for catalog T.  
**AVERY MFG. CO., 169 Iowa St., PEORIA, ILL.**  
The "Yellow Fellow" line Farm and Threshing Machinery.

great historical works of the past have dealt with a brief epoch of periods, so that many years of reading, covering numerous large separate works, were once necessary to give one a complete mastery of the world's history as a whole.

"Ridpath's History of the World" has supplied this long-felt want. This great work, charming as a delightful novel, yet historically accurate, embraces all history from the earliest days down to the present. All the fabled greatness of Egypt, Assyria, Babylonia; the more recent, but still remote wonders of Greece, Rome and Carthage; the marvels of medieval and modern times are unfolded with the skill of a master hand. Our own country, its colonization, its heroic revolution, its enthralling history as a republic, the growth of its possessions down even to the acquisition of Panama, its struggles over slavery, the tariff and other problems—all this is told, and in its true relation to all other events. The work—it embraces nine handsome volumes—is in every sense of the word complete. It is complete as a history and also as a review of science, art, literature, politics, war and peace. To follow Dr. Ridpath through its luminous pages is to acquire that eminent scholar's broad grasp of human progress in all its aspects.

The Homestead heartily commends this splendid work to its readers. We wish that it might have a place on every farmer's book shelves. It will prove a mine of instruction to any family wise and fortunate enough to secure it. It is published by the Western Newspaper Association, No. 204 Dearborn Street, Chicago, Ill., who make interesting announcements respecting it on the last page of this issue.



## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

It is the aim of this department to publish hints that are in keeping with the season. In some cases this is not always practicable, for the simple reason that many devices and handy conveniences cannot be made on a farm on the spur of a moment. Many farmers have well equipped work shops in which they can work during the slack winter months making gates, hayracks, crates, etc., for the working season. We expect to run many such in these columns from now on, and would suggest that you clip or note any idea that appeals to you as being of value and send them in. There is nothing like being forehanded on the farm. That is our experience at least. We want nothing that is impractical to appear in these columns. We want our readers to feel that they can depend on the quality of material that appears here as being high grade. If you have in use any handy device or time or labor saving idea, send it in and we will give it our best attention in the hope that it will be a help to some one of our many good readers.

Mr. J. W. A., of Altus, Okla., writes in regard to a rope halter as follows: "I have seen several plans for making rope halters in your paper, but have never seen the true Texas halter described. Tie one end of a lasso around the horse's neck, throwing the other end on the ground, while with your right hand throw a half hitch in the rope far

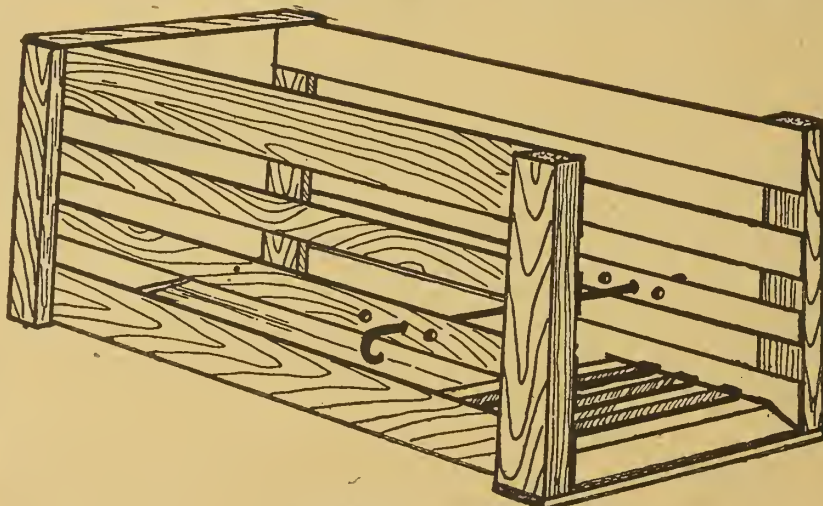
enough from the horse's neck to easily place it over his nose. At the same time hold enough loop in your hand to pass it twice through the half hitch, having the half hitch twice as large as is necessary to pass over the nose. Now, have enough to pass over the ears for a head stall. After it is put on the horse, catch hold of the back part of the loop that goes around the nose and draw it back tight. Even if you have six inches, so much the better. Take a couple of half hitches on it with the rope and you have a halter as good as you could desire. It may require some study to master the art of making this kind of a halter. However, when once you know how it will be of great value to you. The halter can be taken off and hung up as any halter."

Those who have pulled many staples, especially out of hard wood, will undoubtedly appreciate the device offered by Mr. H. E. Hauschen, of Palo Alto county, Iowa. It is simply a strong piece of steel in the shape of a file. The point is inserted under the staple and with a little prying the obstinate piece of steel can be removed. If the staple puller is properly tempered by the blacksmith it will stand any amount of strain and last indefinitely, besides it costs one-fifth the price of a patent staple puller. Another idea offered is a swill mixer, which is nothing more nor less than a garden hoe. Those who use the common stiek or paddle will find this idea quite an improvement over the old way.

In response to many inquiries of the past season regarding a breeding crate we print a cut of one which has been in use on the farm of Mr. B. P. Whittington, Dallas county, Iowa. Simplicity and efficiency are the two main points of this crate as will be noted. The front

doubted; however, a trial will convince most that such is not the case.

Those who find difficulty in driving hogs from pen to pen or in alleyways will find a very good idea in a suggestion sent in by Mr. J. M. A., of Leland, Iowa. A bottomless crate is placed over



A BREEDING CRATE.

end of some may be made by a sliding door on the crate or formed by placing the end against a door of one of the pens which is opened to let the sow pass out. A small movable platform is made to fit in the bed of the crate at the rear, while the length of the box is adjusted by placing the cross rod in different holes. When to be used the platform and rod is removed and replaced after the animal has entered. At first glance the efficiency of the crate may be

the porker which confines his roaming, and with one man at each end of the crate the movements of the hog can be easily guided. Another plan which is still more simple is to use a bushel basket, following the animal closely so that whenever he turns to go your way you can hold the basket in a position that he will run right into it, and the inevitable result is that he will stop as quick as his head is stuck in the basket. Often by pushing on the basket the ani-



Peter Sterling 63535, considered the greatest breeding boar ever sired by Chief Tecumseh 3d. His sons have always commanded the highest prices, and were sought after by the very best breeders. He will be sold in the closing out sale of Thos. F. Miller, Fullerton, Neb., January 25th, together with a grand lot of his daughters, some of which have never been offered for sale before. Peter Sterling is the greatest living son of Chief Tecumseh 3d today, and he should go to some good herd.

# IOWA STOCK FOOD

## FREE!

To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing.

Zealand, Iowa, July 13, 1906.

Gentlemen:—

I purchased some of the Iowa Worm Powder last February and I don't think I ever made a better investment. The Iowa Worm Powder can be depended upon. I had some of it left that I fed to my spring pigs and it surely done the business.

I gave your Mr. Deal an order today for some more of the Worm Powder, as I want it on hand. An occasional feed of it keeps the worms from accumulating in my pigs. Feeding to prevent sickness heats curing after pigs are sick. Most of the pig losses are due to worms and the Iowa Worm Powder is sure death to worms.

Truly yours,

Alex. Norman.

Address Department A.

IOWA STOCK FOOD CO.  
Jefferson, Iowa.



## PATENT YOUR IDEAS

\$100,000 offered for one invention; \$5,500 for another. "Book 'How to Obtain a Patent'" and "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense.

Chandler & Chandler, Patent Attorneys,  
956 F. Street, Washington, D. C.

PATENTS  
ORWIG & LANE,  
DES MOINES, IA.

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

mal can be backed a considerable distance to the exact place where he is intended to go. If you have never tried this plan, just get out your bushel basket next time you have a hog to drive and see what little trouble you will experience in accomplishing your work.

## Stock Food Recommended by an Eminent Authority.

Professor Thomas Shaw has this to say in reference to stock foods: "They will always be found useful when properly made. The time will never come when intelligent feeders will cease to use them. The necessity for using them and the advantage therefrom will become greater as foods become increasingly dear. Whether it will be profitable to feed them will depend upon the necessity for using them and on their cost. My special desire, however, is to show that they have a place in the economy of intelligent feeding. The question of price must be fought out between buyer and seller."

With this endorsement from one of the foremost authorities on feeding in the country, it would seem that the value of feeding tonics, etc., is unquestionable; therefore, the only problem is at what price such foods cease to become profitable.

In Bulletin No. 106 issued by the Hatch Experiment Station they recommend the use of certain medicinal tonics to be given in one tablespoonful doses once a day for ten days, then omit for three days, then give ten days more. They estimate the cost of the tonics they recommend at twenty cents per pound.

Dr. Hess Stock Food, formulated by Dr. Hess, a regular graduate of medicine and also veterinary surgery, contains the best tonics known to science, together with the salts of iron which are the greatest known blood and tissue builders, the nitrates of sodium and potassium which assist in eliminating the poisonous waste material from the system, and laxatives which regulate the bowels.

This preparation is manufactured by Dr. Hess & Clark, Ashland, Ohio, and is sold on a written guarantee at five cents per pound in 100 pounds sacks, smaller quantities at a slight advance. At this price can anyone question the economy of feeding such a compound? It costs less than a penny a day to feed this preparation to a horse, cow or steer, and but three cents per month for the average hog. Consider how little additional increase in weight or milk is necessary to cover the cost of this preparation.

J. F. Dotzman, Clinton Stock Farm, Centralia, Ill., says: "I am feeding Dr. Hess Stock Food to my horses—three stallions: Hal-Gordon, pacer brother to Star Pointer; George Geisler, trotter, out of the best blood lineage in existence; Andrew Jackson, trotting bred coach horse, son of George Geisler, above. All three stallions in public service, stud. Also two work horses."

"I bought Dr. Hess Stock Food at Berger's Drug Store at Carlyle. I had never used any stock food before, but reading in Coleman's Rural World of Dr. Hess' professional knowledge, I purchased a sack of Dr. Hess Stock Food and fed it to five horses, and am almost surprised at its good results. Will keep it always on hand."

On page 5 we print a very fresh and readable "all wool and a yard wide" statement concerning the Spreader proposition as it is beginning to appeal to our best class of farmers.

## HARD WEAR

is what the SECURITY BOOT was made for. Try it.

## DURABILITY

is what you are seeking. Get it by insisting on having

the

## SECURITY

LYCOMING DUCK BOOT.

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

## SNAG PROOF.

LYCOMING RUBBER BOOTS and SHOES are the best money can buy. QUALITY in every inch of them. If your dealer can't supply you, ask us how to get a pair of SECURITY BOOTS.

HAMILTON BROWN SHOE CO.  
ST. LOUIS.



When writing, mention The Homestead.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must in variably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

ROCKY CREST FARM is offering choice Barred Rocks, both cockerel and pullet bred lines, with score cards by Judge McClure. Prices reasonable. These birds are bred for years. At Rochelle, Ill., in strong competition, won four firsts and tied for fifth first. Eggs for sale in season. Write for price. Member American Plymouth Rock Club. Will D. Quick, Ashton, Ill.

EVERGREEN Lawn Farm, M. Hummel, prop., Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 22 years, has for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

BARRED Plymouth Rocks for sale. 300 cockerels, hens and pullets at a bargain. Large-boned, vigorous, farm raised, scored birds that win. I have developed heavy egg producing strains. Mrs. A. A. Berry, Box 126, Clarinda, Iowa.

BARRED Plymouth Rocks, Hawkins, Thompson, Peck and Todd strains, cockerels, \$1.50 to \$2.00 each. Hens and pullets, \$9.00 a dozen, if taken soon, as we intend to leave. Lou Blattner & Co., Prairie City, Iowa.

WHITE ROCKS, pure bred. Pullets, \$1.00, cockerels, \$2.00 during January. Buff Rocks, July hatch, cheap to close. All are good; culls all sold. A. H. Prater, Council Grove, Kansas.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianapolis, Iowa.

BARRED Rock cockerels for sale. Well barred and good size. Scored by Shellabarger. Write for prices. Unscored cockerels, \$1.50. A. C. Norris, Grinnell, Iowa.

WHITE Plymouth Rock pullets and cockerels and Silver Comb Buff Leghorn cockerels, prize winners. Free circular. D. W. Harberts, Mariou, South Dakota.

MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks, 100 choice cockerels for sale. Eggs in season.

BARRED ROCKS—Pullets, cockerels, scored 88½ to 93½. Large, vigorous. Write your wants. Prices low. Circular free. Eddie Anderson, Alta, Iowa.

75 BARRED Plymouth Rock cockerels for sale. Nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

WHITE Plymouth Rock cockerels, large, pure white birds, prices low. Mrs. J. Holmgren, Gilmore City, Iowa.

## LANGSHIANS.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Stalcup, Lorimer, Iowa.

BLACK LANGSHIAN cockerels, \$1.00 each. Leonard C. Paup, Huron, Iowa.

## RHODE ISLAND REDS.

SINGLE Comb Rhode Island Reds; 8 yearling hens, \$1.00 each; 8 pullets, \$1.00 each; 10 cockerels, \$1.50 each; good stock. A. Frantz, Friend, Neb.

CHOICE Rhode Island Red cockerels. Fine color, large bone. Mrs. G. E. Ostheimer, Eldora, Iowa. On Iowa Central and C. & N. W.

## BRAHMAS.

LIGHT BRAHMA cockerels for sale cheap if taken within thirty days. Write for prices; J. G. Goddard, R. R. 5, Box 61, Galesburg, Ill.

## GEESSE.

TOULOUSE GEISE and ganders eight months old, weight 15 to 21 lbs. Prices reasonable. Mrs. E. C. James, Plankinton, S. Dak.

## WYANDOTTES.

WHITE Wyandottes, 100 cockerels and about 50 pullets. Some fine birds cheap if taken soon, to make room. Helen Dahl, Harcourt, Iowa.

## DOGS.

FOR SALE—Fine registered Scotch Collie female puppies at \$5.00 each. Guaranteed natural heelers. A. H. Gerot, Riverside, Iowa.

## WANTED.

STENOGRAPHER, bookkeeper, foundryman and tinner for good position. Must invest in the business. State experience and amount you will invest. L. C. Chamberlain, Des Moines, Iowa.

## SCHOOLS.

LEARN plumbing, plastering, bricklaying by actual practice. Taught thoroughly in three months at school. These trades pay \$4.50 to \$8.00 per day. Positions secured. Write for free catalog. Coyne Trade School, 849 N. Ashland, Chicago.

## TURKEYS.

MAMMOTH Bronze turkeys. Sixteen from excellent stock; well bronzed and showy, late hatch. Weight up to 23 lbs., \$4.00 each. Merritt Stark, Livermore, Iowa.

PURE BRED Mammoth Bronze turkeys. Toms, \$5.00, hens, \$3.00. Rosalie Newberry, Argyle, Lee Co., Iowa.

## MISCELLANEOUS POULTRY.

MAMMOTH Bronze turkeys, sired by 46 lb. tom, scored 96½; Toulouse geese, Pekin ducks, Single Comb Buff Orpingtons, Single Comb, Brown, White and Buff Rose Comb, Brown and White Leghorns. Wm. Guida, Osgood, Iowa.

PURE BRED poultry and eggs of all kinds for sale. Barred and Buff Rocks, Pekin ducks and Bronze turkeys a specialty. Enclose stamp for catalog explaining our method of business. J. F. Foy, Redfield, Iowa.

TWENTY-FIVE Breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Rural Route No. 4, Mapleton, Minn.

MAMMOTH White Holland turkeys, Imperial Pekin ducks and Barred Plymouth Rocks from prize winners of extra heavy weight and high scoring. Fred Post, Mounten, Iowa.

FOR SALE—Barred Plymouth Rocks, Rose Comb White Leghorns, Rose Comb Rhode Island Reds, cockerels and pullets. Write for prices. H. Palm, Emmetsburg, Iowa.

FOR SALE—Mammoth Bronze turkey toms; B. Plymouth Rock and S. C. B. Leghorn cockerels, Fox Terrier dogs. J. E. Shannon, R. R. 1, De Witt, Iowa.

BUFF ORPINGTONS—Cockerels, \$1.50 each. Eggs in season, \$1.75 per setting. Mammoth Bronze turkeys and Pekin ducks. Edith Ellis, Marquetteville, Iowa.

MAMMOTH Bronze turkeys; fifty from stock scoring 96 to 97. Barred Plymouth Rock cockerels all sold. Eggs in season, J. C. Watts, Berwick, Ia.

BUFF Plymouth Rock cockerels, large size, good color, \$1.50 each; Mammoth Pekin ducks, \$1.00 each. Mrs. J. W. Martin, Mason City, Ill.

WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsh, Jr., Aledo, Ill.

## CATTLE.

REGISTERED Herefords for sale. Twenty cows and heifers, \$50 each; 27 calves, \$30 each, by bunch. Also four home-raised registered Percheron stallions. Address, L. H. Luckhardt, Tarkio, Mo.

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BLACK SHETLAND pony stallion, nine years, 325 lbs., broken to ride, fine single driver, kind disposition, loves children, \$125. D. J. Hurley, Mount Carroll, Ill.

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## HOGS.

POLAND China Hogs at public auction, 7 boars, 43 sows, breeding unsurpassed, splendid individuals, some of them prize winners. Send for catalog; it tells all about them. Sale date, January 19, 1907, at Charleston, Iowa. C. W. Ramsey, Oakley, Iowa.

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FOR SALE—Improved Chester White brood sows and gilts. Bred. Write your wants to A. J. Johnson, R. P. D. No. 2, Brighton, Iowa.

## AGENTS WANTED.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

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BUY A FARM in Kansas. Come and buy this farm; 303 acres, 60 acres in cultivation, 100 acres pasture, 30 acres well meadow, 15 acres fine alfalfa, 30 acres good timber, good orchard, good house, two good barns and outbuildings; fine well and running water, 1½ miles to school, 6 miles to two good R. R. towns; fine neighborhood; the best stock and grain farm in Kansas for the money. For a short time, \$11,000. L. A. Grimsley, Bushong, Kan.

WANTED—A few locations of moderate means for Nativity Valley, Colorado. They must be sober, industrious and willing workers. To such we pay \$3.00 per day for ten months in the year; with teams \$5.00 per day; one-third cash, two-thirds on farm purchase. We will otherwise assist each to own a farm and become independent financially. For particulars apply to Carmon Layton, Iowa State Agent, 317 Fifth Street, Des Moines, Iowa.

EASTERN Colorado farm land, \$6.00 to \$8.00 per acre. No irrigation required. Large crops of corn and small grains. Name this paper. E. C. Lougee, Council Bluffs, Iowa.

TEXAS FARM for sale. Section of valley land near Vernon; produce anything; sandy loam. Write to owner for details. Joseph W. Land, owner, Vernon, Texas.

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FARMS and ranches in Cowley, Sumner and Butler counties. Write us for price list. We can save you money. Harrod & Hanlen, Winfield, Kansas.

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640 ACRES top wheat land for sale direct to purchaser, less real estate dealer's commission. J. Q. Voyles, McCracken, Kansas.

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## MISCELLANEOUS.

STRAWBERRY PLANTS that grow. Best varieties; also raspberry, blackberry, gooseberry, currant and grape plants, asparagus roots and seed potatoes, in assortment. Due bill of 25c. free to each inquirer for my new 40-page catalog. C. E. Whitten, Box 24, Bridgman, Mich.

THE CEMENT WORKER'S Hand-book tells farmers all about cement work. How to build walls, floors, walks, tanks, cisterns, blocks, posts, etc. Fourth edition revised. Cloth bound. Send 50c. to W. H. Baker, Wadsworth, Ohio.

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MEN with teams wanted to sell Seminole Indian Remedies and house supplies to farmers. Light work and profitable. For particulars address Seminole Indian Medicine Company, Boone, Iowa.

FOR SALE—Brickyard in prosperous community, also eighteen horse power gasoline engine, 6,500 pallets, brick machine. All nearly new. Address, Box 195, Prescott, Iowa.

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"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. T. C. Hussey, Des Moines, Iowa.

A SCHOLARSHIP in a Kansas City Business College for sale cheap. Address at once, Thomas, Box 67, Des Moines, Iowa.

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## REAL ESTATE.

\$21 PER ACRE buys best bargain in Central Missouri, being a 1,200-acre farm, located midway between St. Louis and Kansas City; five miles from Meta, a town on Rock Island Railroad; 500 acres in cultivation; farm is well watered; this is a great stock farm proposition; possession given; city people own farm and want to sell at once. A. S. Loomis, 509½ Chestnut Street, St. Louis.

CHEAP IOWA LAND—360 acres Monroe county. Some what broken, partly timbered and some brush. All fenced; 30 acres woven wire; fair improvement; well watered by creeks and springs; three miles from station. Mineral, if any, reserved. Price \$27.50 per acre; easy terms. Splendid opportunity for sheep or cattle man. Address Wright, 313 Citizens' Bank Building, Des Moines, Iowa.

250 ACRES, 12 miles west of Beloit, Wis., improved, cheap buildings, mostly grass land, \$25 per acre, 340 acres, Worth county, Mo., 12 miles south Mt. Airy, Iowa; \$5,000 worth buildings, \$38 per acre. 90 acres, Harrison county, Iowa; no buildings, medium soil, \$30 per acre; one-fourth down, balance 5½%. No trades considered. L. M. Mann, owner, Des Moines, Iowa.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

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CALIFORNIA land, \$1.00 acre; balance entire purchase 20 cts. week for each acre, no taxes; no interest; 5-acre tracts; level, rich clear, ready to plow, under irrigation; perpetual water right; immediate possession given; particulars, maps, photographs for 2c. stamp. Stevenson Colony, 703 Van Ness Ave., San Francisco, Room 47.

A SPLENDID BARGAIN.—320 acres in Chesterfield County, Virginia; 150 acres cleared, balance heavily timbered—one and one-half million feet, estimated. Two seven-room dwellings, good barn and out-buildings. Price \$4,500, one-third cash, balance on time. J. M. Gill, Scranton, Pa.

THREE good farms must be sold at once, 240, 160, 50. Good houses, barns, water and good land improvements, near Kansas City. Also have western Kansas and Texas lands for sale. For particulars address F. J. Desery & Co., Tonganoxie, Kan.

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IMPROVED farm for sale, 119 acres in Wright county, Iowa, one mile from station and 6½ miles from county seat, close to school. If taken soon will sell at \$64.00 per acre. Address owner, J. L. Johnson, Iowa Falls, Ia., R. F. D. No. 4.

FOR SALE—Improved and unimproved farms in South Dakota, improved farm in Northern Missouri. I sell on small commission, none sell cheaper. For square deal, write W. L. Cochrane, Box 309, Aberdeen, S. Dak.

FOR SALE—My North Dakota farm, particulars on application. You ought to know about the great state of Washington. Write for printed matter. Daniel Gensinger, Real Estate Broker, Wenatchee, Washington.

EIGHTY ACRES all smooth land, well improved, near Interurban car line, 12 miles, Des Moines, very desirable home, \$110 per acre. Frank L. Hall Land Co., 209 Crocker Bldg., Des Moines, Iowa.

SOUTHWEST MINNESOTA—Black loam prairie corn lands, safe, sure, profitable; \$28 per acre up. Three farms for share rent. Particulars and map free. E. H. Crandall, Montevideo, Minn.

560 ACRE ranch, well improved, in Coffey county. No better in eastern Kansas. At a bargain if taken soon. For descriptions and maps write, Lane & Kent, Burlington, Kansas.

FOR SALE—A splendid 160-acre farm with fair improvements, three miles from good town one-fourth mile to school. Price \$40 per acre for 30 days. W. A. Humphreys, Garnett, Kan.

A BIG SNAP—320 acres, Kay county, Oklahoma; all smooth land, 200 acres broken, balance grass land. Price less than \$35 per acre. Write Chas. E. Vogele, Newkirk, Oklahoma.

480 ACRES, Brown county, S. D., good buildings, artesian well, pasture, Dunkard neighborhood, telephone, extra good land. Price \$27 per acre. Box 242, Aberdeen, South Dakota.

A GOOD INVESTMENT—160 acres of good land all in wheat, two-thirds to go to purchaser. Price only \$37.50 per acre. For full description write it, G. Tonkin, Abilene, Kan.

WE WILL sell you a home in the city, or a farm in Cowley or adjoining counties, at exactly the list price furnished by owner. Franks, Page & Harris, Winfield, Kansas.

## The Week in Kansas.

The change to a different year brought different weather. Instead of the "Italian skies" spoken of in our last, the change has been to a semi-resemblance of a London fog. The days have been dark, cloudy, misty and dismal, the nights likewise. It seems to have come by way of payment for the allusion to an Italian sky. We'll fall by the wayside no more.

In all, just enough moisture has fallen to make the roads slippery and the feed lots and yards nasty. It has been enough to stop heavy load hauling on the roads, except as one is disposed to put on four

horses, and go anyway, cutting ruts that future travel will have to smooth down in the hard way. Again we say there should be some law that would have a tendency to keep heavy loaded wagons off the road when the grades are in a condition to be cut into ruts.

Cattle feeders are getting close run on corn, and to get more is proving a matter of price raising with some. We have heard of thirty-six and one-half cents being paid, but are not prepared to stand for the truth of the report. Thirty-five cents, however, is the standard price with the feeders in all parts of this section.

The "car famine" continues as it has

for weeks. Hundreds of tons of baled hay is near the railroads awaiting cars; but without the cars, it had as well be 10,000 miles from market, instead of less than 100. Many are now predicting a slump in prices as soon as lively shipping commences, but there is little chance in sight of lively shipping commencing, as cars to haul hay will be furnished in great numbers the last of all.

The ending of the old year and the beginning of another is the usual time for taking an inventory of the property on hand. Kansas starts the new year in much better shape than ever before. With a good general crop, on top of sev-

eral good crops, the people are becoming comfortably well fixed, and no longer are compelled to sell at low prices in order to get needed money. We of Kansas can truthfully say that this is prosperity.

There is promise of something better in the way of weather this evening. This afternoon the clouds lifted in the West, and now the sky has about cleared. While this is the season for winter, this finds us wishing for good weather. We do not figure, here in Kansas, that we have got to have so much winter weather, so look upon the good weather as so much gained.

Henry Hatch.  
Coffey Co., Kan., Jan. 2, 1907.





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Just because someone tells you that some other Separator is as good as the "IOWA" is no reason why you should believe it. Letting other people do your thinking is too expensive. You cannot afford such luxuries. Investigate for yourself. Use your brains for your own benefit—they were given you for that purpose. If you do this you will discover that there is just one machine which takes out all the cream, and that is the "IOWA." The dairyman is fully entitled to all the profit there is, even to the last cent. He gets it only by using an

## Iowa Dairy Separator

Write today for catalog 25, and let us send you plenty of proof to back up all we say in this advertisement. Separator made in all sizes from 250 to 750 pounds. Invest one cent in a postal card and learn how to save \$100. Do it today.

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

## You never saw a saw which saws like this saw saws

and last so long a time. Frame of heavy angle steel strongly braced—absolutely no shake. Patented—adjustable, dust-proof, non-heating oil boxes, etc. We make these

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in 6 styles—strong, simple, safe and successful—and we make a 4-wheel mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 a day. We make the celebrated

**HERO FRICTION FEED DRAG SAW** nothing like it—no other so good. Also feed grinders, shellers, fodder cutters, huskers, manure spreaders, farm trucks, windmills, etc., all guaranteed full Appleton Quality. Catalog free for the asking. Ask for it now.

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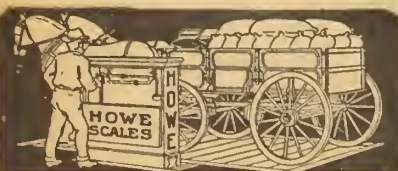
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It's the easy running, easy to clean, durable cream separator that doubles profits, and cuts dairy work in two. Three-piece bowl is easily washed and never out of balance. We pay freight. Investigate by sending your name and address on a postal for our MONEY SAVING CATALOG NO. 118. IT'S FREE. Write today.

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50-52 Lake St., Chicago, Ill.

## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### Profitable Dairying.

To the Editor of The Homestead:

Like every other great industry, progressive dairying is fast demonstrating the fact that only those who familiarize themselves with each detail pertaining to their vocation succeed. It is often the dairy farmer's unwillingness to face his own errors that stand between him and success. He does not like to give old customs for new, but prefers to trudge along in the same old track rather than take the trouble to familiarize himself with new methods and apply them in his business. Often we see a farmer who realizes from sixty to seventy dollars a year from each cow in his herd, while his neighbor receives but little more than half that amount. The conditions of soil and climate are practically the same in both cases, yet one farmer becomes richer, while the other grows poorer. You may wonder why this is, but the reason is easy enough to understand. One exercises a wider range of knowledge in the management and is determined to have the best that study and experience can give, the other is content to take whatever comes so long as he does not have to think for it. Dairying has been and is bringing many benefits to the American farmer. It is enriching his soil, rendering it more productive and thereby adding to the money value of his farm. It is a plain fact that the basis of improved dairying is selection of cows. Every farmer who is engaged in or expects to be engaged in dairying must remember that no matter how well fortified he may be against the difficulties with which the dairy farmer must contend, if his cows are of an inferior grade much of his labor is thrown away. It would be a great advantage to a community if the farmers could come together and decide on some breed that would be adapted to their needs, then co-operate in the purchase of pure-bred sires for breeding their herds.

The old practice of having cows freshen in the spring and go dry in the fall must give way to better methods. It has been proven that the best way of having more milk is by having a cow freshen in the fall, rather than any other time in the year. A cow naturally begins to fall off in flow when six to seven months in lactation. So a cow coming in in the fall or early winter reaches this condition when pastures are fresh and the feed good. This counteracts the natural tendency, and through June and July she will hold her own with the cow fresh in the spring. The fall fresh cow is ready to begin to dry off as she reaches the dry weather, short pasture and flies of August and September. The cow fresh in the spring reaches this period at the same time that nature tends to diminish the flow. It is almost impossible to keep up her flow, and if the flow of milk is diminished for three or four weeks it cannot be fully restored until she is again fresh. Most farmers have more time to care for their cows during the winter months, and are by this method enabled to hire a man for twelve months in the year instead of eight or nine.

To succeed in this system the farmer must have a supply of succulent feed, either roots or silage, and I will say right here that in regions where alfalfa can be grown it is one of the most economical of dairy foods. Its yield is three to six tons to the acre, and where favorable conditions exist I have seen it yield seven and eight tons to the acre. Oats and peas combined also make a profitable crop, and the importance of corn silage as a feed for dairy cows cannot be over-estimated. Considering that corn is the staple crop grown in the dairy district of the central West, it is the best and most economical feed for either fat or milk production.

Wm. Sorensen.

Howard county, Neb.

### A Word for the Hand Separator.

To the Editor of The Homestead:

In a recent issue of your paper Professor McKay, of Iowa, takes the dairy farmer of hand separator ideas to task for the cause of deterioration of the butter quality in the Hawkeye state. The quality of our butter is no poorer today than it was a few years ago.

# STRENGTH

**DURABILITY**

**SIMPLICITY**

no other separator so strongly built, or so simple in construction.

## Sharples Tubular Cream Separators

get all the cream, have low supply can, are easy to run, easy to clean, because there is only one little piece in the bowl to cleanse after each running, and the machine oils itself. It combines Utility, Simplicity and Durability. A glance at the pie-plate construction of most separators will give you a fair idea of what we mean by "simple construction" and "strength." For full information about the Sharples Tubular write for booklet E. 121



Mr. R. Carpenter, Davenport, Wash., says "Having used a Sharples Cream Separator over sixteen years can say it is just fine."

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## THE DAIRY QUEEN

THE CREAM SEPARATOR THAT SUITS ALL.

The Dairy Queen is as near perfection as can be reached in cream separators. It fills every requirement, its low and large supply can, its simple and easy bowl to clean, its light running and close skimming is just what you have been wanting. It never gets out of order, it's always ready to skim, and leaves the cream in perfect condition.

### You Can Try It Before You Buy.

The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

Address, E. R. Bailey, Clarinda, Iowa, or  
**DAIRY QUEEN MFG. CO., FLORA, IND.**

Buttermakers today know more about the work than they did a few years back. All have either taken a short course at some dairy school or served as apprentice under a competent butter maker, and some of these have had the benefit of both. Why should they not be competent to do the work assigned them?

Every creamery or its directors should give the maker the right to reject all milk and cream that will not make a first-class product. There are some people who see in the farm separator a bugaboo. To the farm separator they lay all the ills of the dairy product—butter. Now, how long will it be before the wise and learned men will say that the "gammel ost" of our ancestors are losing ground on account of the farm separator! Well, just listen!

The writer has used a separator the last four years and has just words of praise to say in its behalf. Once or twice a day the milk is separated while it still retains the animal heat, the skimmed milk fed to calves and small pigs and the cream delivered to the factory every day—not once or twice a week, but every day. And such is the product of the factory that the butter-maker was one of those who captured a medal at the St. Louis Exposition. He got it because of the quality of the goods.

The little farm separator has come to stay, but its coming will have its perplexities the same as the factory separator had in its introduction. The writer was the first secretary of the local creamery and with the board the question arose as to whether it should be a gathered cream or milk factory, and milk won. It was a new thing; some had never delivered whole milk before; our patrons needed instruction in taking care of the milk and were encouraged to bring it every day. Some thought this was superfluous and now we have some who take the same stand

## The "DEAN" Ear Corn Slicer

Any Farmer or Cattle Raiser should appreciate the advantage of slicing or chopping ear corn for stock. The health of all animals requires it. Feeder today know that grain should be mixed with "roughness." The cob is the best mixture for calves and steers. "The Dean" Slicer soon saves its price in cob feed alone. Also saves time. Chops ears in 1/2 to 2 1/2 inch slices and cuts from 30 to 40 bushels an hour. Calves thrive on the small slicing. It's so easily geared that even a boy can run it or any power can be attached. Elevator attachment to bin or wagon. Prices and terms very reasonable. Write today, for your stock's sake.

**Enterprise Wind Mill Co., 24 Main St., Sandwich, Ill.**

when we change from whole milk to hand separator cream. They do not think it necessary to deliver the cream every day; they think cream is cream and ought to have the same pay, as all goes into the same vat. The result one can imagine.

Give the farm separator its proper care and you will have a staunch friend; instead of hauling 500 pounds to the factory, you only take seventy-five more or less. Your skimmed milk is of perfectly good quality and the calves will prove it by being sleek and fine; lousy, healthy fellows that it will be a pride to show. Gust Reyerson. Marshall County, Iowa.

### A Few Facts About Butter-Making.

To the Editor of The Homestead:

There are two kinds of butter, good butter and poor butter. The former is made out of good cream and the latter out of poor cream. Now, good cream can only result when it is kept in a cool place until you begin ripening it for churning. In cold weather if your cream does not ripen as it should, add a small amount of buttermilk from your last

**WANTED** A thoroughly practical farmer capable of taking charge of 500 acre stock and grain farm. Must thoroughly understand hog raising and cattle feeding. Address with references Box 302, Marshalltown, Iowa.



churning. Cream should not be more than three days old and no fresh cream should be added later than twenty-four hours before churning.

No amount of doctoring will make good butter out of a poor cream. You may salt it and do what you please but nothing in the world will bring back that sweet desirable flavor. A good butter-maker knows when the lid is taken off the churn whether the butter will be good or not, because the smell of the cream is an accurate index to the character of the product that will come from it.

It goes without saying that in order to make good butter cleanliness should characterize the work at every step. The churn should be sweet smelling before it is used, and of course in order to keep it in this condition it should be thoroughly washed immediately after it is used and the lid should not be put on until it is aired and dried.

The churn should be stopped when butter is in granular form, and the butter-milk should be drawn off and cold water added to wash out all the butter-milk. It is much easier to do the washing when the butter is in this condition than when it is a solid chunk. Indeed, it is impossible to work out butter-milk from a big ball of butter without injuring the grain.

It requires about a cupful of salt for every five pounds of butter, though of course the market determines this to some extent. You will find that salt tends to keep butter in good condition. Butter in the natural state without salt is practically tasteless, or it has what one would define as a flat, sweet taste. The addition of salt brings out the delicate butter flavor.

Never put good butter in an ice box or in a cupboard with other victuals, for it takes on flavors very readily and will soon be off in taste. I regret exceedingly that our grocerymen are obliged to pay practically the same price for poor as they do for good butter. It would seem to be practicable to pay the per-

son who makes good butter a reasonable price for it and, on the other hand, give a lower price for a product of lower grade. This would educate producers more quickly than anything else that I can think of. Indeed, until the day arrives when those who take pains to comply with the correct principles of good butter-making can be paid for their skill we cannot expect a high-class product. M. Peters.

Polk County, Iowa.

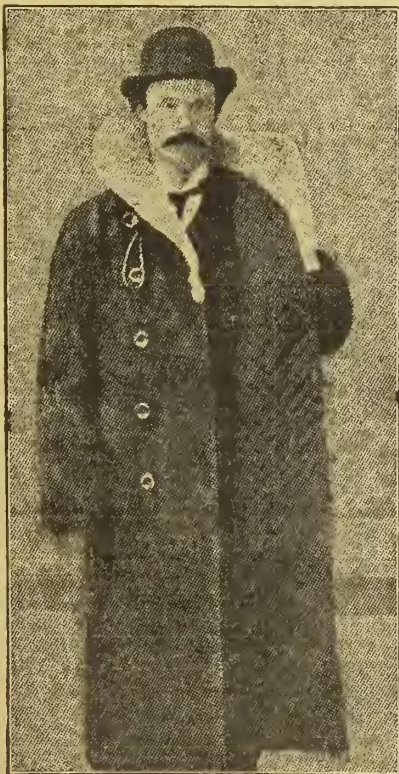
#### CORN-AND-COB MEAL FOR DAIRY COWS.

An experiment at the New Jersey Station conducted for the purpose of comparing the feeding value of corn-and-cob meal with corn fed in the ear to dairy cows gave results favorable to the grinding of the corn. One cow fed for a period of twelve days on corn-and-cob meal and then twelve days on ear corn gave 45.2 pounds of milk more during the time she was fed the corn-and-cob meal. In this instance 144 pounds of corn-and-cob meal gave an increase of forty-five pounds of milk over the same amount of ear corn. At one cent and a half a pound this makes a difference in the value of the ration of sixty-seven and a half cents. Carrying the matter one step further, we would find that on this basis the feeding value of one ton of corn-and-cob meal would be \$9.38 more than one ton of ear corn. Valuing the feeds at one cent per pound, the difference would be \$6.25 on a ton.

These results are quite striking and yet it needs no experiment to teach dairymen that it pays to grind grain, especially corn, and we have found that seventy pounds of corn-and-cob meal is equal in its feeding value to seventy pounds of pure corn meal. Not that the cob furnishes much nutriment, but it seems to act as a devisor in such a way as to increase the digestibility of grain. A mixture composed of equal parts corn-and-cob meal, ground oats and bran, if fed sensibly to a good dairy cow, will bring her to her maximum flow. The quantity to be fed depends a good deal on the cow, but this is a matter that can be left to the judgment of any sensible man.

**PILES CURED IN 6 TO 14 DAYS.**  
PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

Another short story this issue. on page 5, is quite interesting and should be read. Look up the Litchfield advertisement.



The Des Moines Tanning Company, of Des Moines, Iowa, have made a business of tanning hides and manufacturing them into fur coats, robes, rugs, etc., for a number of years. Their business has increased quite rapidly, which is the best evidence that they are doing good work. They have been advertising patrons of ours for several years, and have done a good deal of business with our readers. The view given herewith is from a photograph, which brings out nicely their specialty, fur coats. Their special advertisement appears on page 20 and they ask Homestead readers who have hides of any kind they wish made into robes, to send a postal card request for their booklet. They are well equipped for doing work promptly and well and will take pleasure in taking good care of any work that our readers may send them.

"No Trusts — No Catalogue Houses."

## DE LAVAL CREAM SEPARATORS

First---Always Best---Cheapest

For Twenty-Five Years

## The World's Standard

As much better than other separators as other separators are better than gravity creamers.

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### THE DE LAVAL SEPARATOR CO.

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## FREE! My Book About Curing DEAFNESS AND EYE DISEASES AT HOME

I have published a new 128 page book which tells of a method by which people who are willing to devote fifteen minutes of their time each day for a month or two, following my instructions, can cure themselves without leaving home or visiting a doctor. of Deafness, Head Noises, Catarrh of the Nose, Throat and Head; Catarracts of the eyes, Granulated lids, Sore eyes, Pterygiums, Films, Wild Hairs, Eye Strains or any weakness or disease of the eye, ear, nose or throat. This book gives the causes and symptoms of each disease. It tells you not only how to cure these diseases, but how to prevent blindness and deafness.

I want to place one of these books in every home in the United States. Write me a letter or a postal card and tell me your disease and you will receive this grand book and my opinion free of charge, and learn how people from every state in the United States are restoring their sight and hearing at home by this new method.

I want no money for this neither does it place you under any obligations to me whatever. I simply desire to show and prove to you how easy it is to get perfect sight and hearing by my method. Write to me today. Address

DR. W. O. COFFEE

340 Century Bldg., Des Moines, Iowa

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller. THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,  
Blainville, Illinois

## LIFELONG CURES BY A TRUE SPECIALIST



J. BOYD, M. D.

Dr. Boyd's Pelvic methods are your greatest hope for a complete cure, if you are afflicted with either BLOOD POISON, SKIN DISEASES, SORES, ULCERS, STRICTURE, VARICOCELE, HYDROCELE, NERVOUS DECLINE, PILES, FISTULA or any affection of the Kidneys, Bladder and Prostate. You are wasting money and endangering your health in treating with ordinary specialists. My systems of treatment have established their reliability by permanently curing cases that had been unsuccessfully treated by dozens of other physicians.

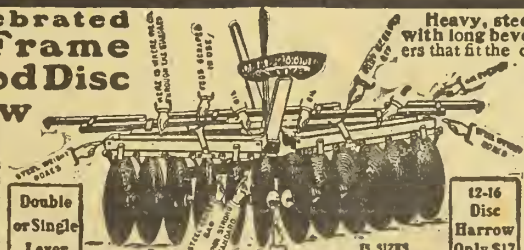
A SAFE CURE is what I will give you beyond doubt if your case is curable; if not, I will not accept your money and promise to do anything for you. The best reference I could give as to professional reliability is the many cured, satisfied patients I dismiss, and proves that my Pelvic Methods cure when others fail to even benefit.

Guarantee to Refund Money—No Chance to Lose if You Do Not Get Value Received.—My patients receive a written agreement that I shall return what they pay me for services if they do not receive a complete, permanent and satisfactory cure, and my guarantees are secured by a deposit of \$500 in the Century Savings Bank of Des Moines, Iowa. Consultation Free, Confidential and Invited, both at my office and by correspondence. My charges are reasonable and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, 9 a. m. to 8 p. m. Sundays, 10 to 1. Address or call on

J. BOYD, M. D., 505 Locust Street, Marquardt Block, Corner Fifth and Locust Streets, DES MOINES, IOWA

### The Celebrated Steel Frame Hapgood Disc Harrow

Note the points of excellence: Heavy standards with oil holes through them. Dust-proof boxes. No neck weight. No buckling up in the center. Will furnish free anything defective in 5 years.



Heavy, steel tempered blades with long bevel. Adjustable scrapers that fit the discs from center to edge. We also can furnish Disc Seeder and Drill attachments to go on the above.

Send for big free catalogue of implements, Harnesses, Buggies, Steel Ranges and a thousand other things you want and all sold direct to you at wholesale prices.

HAPGOOD PLOW CO., 1350 Front Street, ALTON, ILL.



## EARN \$80 TO \$150 A MONTH

WANTED--Young Men for Firemen and Brakemen

We prepare you by mail in from four to six weeks for either of the above positions. More calls recently for our competent men than we were able to supply. Positions secured as soon as competent. Rapid promotion. Remember, this Association is directed by Railroad Officials of some of the largest roads in the United States. If you want to be a railroad man, fill in and send us the coupon and we will send you our free book on railroading. Address

NATIONAL RAILWAY  
TRAINING ASSOCIATION

OMAHA, NEB.,  
OR KANSAS CITY, MO.

Name \_\_\_\_\_ Town \_\_\_\_\_ State \_\_\_\_\_ R.F.D. \_\_\_\_\_ Age \_\_\_\_\_ K32



# GET STARTED RIGHT.

Don't handicap yourself with poor hatchers and brooders. Beware of experiments, of machines that take much attention, of discarded styles, of "talking point" machines. You will be safe if you look to the record. No man ever made a failure of poultry raising if he outfitted with

Succeed  
with a  
Successful

## SUCCESSFUL Incubators and Brooders

They hatch the most and the strongest chicks and brood them best, because they are the best substitutes for the mother hen ever devised. And they take the least of your time and attention. More thousands of users are saying this each year. Try a Successful and you will be one of the number. Incubator and Poultry Catalogue FREE. Booklet, "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 60c poultry paper one year, 10c.

DES MOINES INCUBATOR CO., Dept. 50, DES MOINES, IOWA.

Fine eggs for hatching, standard bred poultry and all poultry supplies.



### POULTRY.

#### Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90% to 95% at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unsoured cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, - - - Iowa

#### BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains, Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fishel White Rocks. We have them and are going to sell them at bargains. Please notice change in address.

C. C. Drake & Son, - - - LaHarpe, Ill.

#### B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

G. W. STOUT, - - - Rose Hill, Iowa

**FOR SALE:** PURE Bradley Bros. B. P. Rocks, also pure Fishel White Rocks and others from utility stock to show first pairs or breeding pens. Several fine S. C. W. Leghorn cockerels, Mammoth Bronze turkey toms and Toulouse geese of superior quality, priced to sell.

C. H. DRAKE, - - - Stockport, Iowa

**400** Barred Plymouth Rocks for sale. Large bodied and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large bodied and nicely marked; sired by that great prize winning tom, scoring 96% at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

#### WHITE HOLLAND TURKEYS.

**10** FINE two-year-old toms, \$5.00 each. No White Wyandotte stock for sale.

FOREST HOME POULTRY FARM, Audubon, - - - Iowa

#### 30 CHOICE Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, JNO. C. MILLER, - - - Harlan, Iowa

#### White Holland Turkeys

ALSO breeder of Duroc Jersey swine. The home of Ben Davis. Bred sow sale, Feb. 28, 1907.

J. S. TEALE, R. R. NO. 4, LAMONI, IA.

#### For Sale--High Scoring Prize-Winning

**BARRED P. Rock** cockerels and M. B. turkeys, both sexes. Toms weighing up to 25 lbs., \$5.00; pullets, \$3.00 each, two for \$5.00; trios mated, not skinned, \$12.00; also 2 dozen B. P. R. hens at \$10.00 per doz. Address, M. V. Deeper, Redfield, Iowa.

#### Barred Rock Cockerels.

AM offering an especially good lot of cockerels of the famous Eclipse strain, scored by Todd and pronounced excellent breeding stock. In fact, they are the best I ever raised, prices ranging from \$1.50 to \$3.50. O. J. VILAND, Slater, Iowa.

#### STRATER BROS., Monroe, Iowa,

BREEDERS of monster M. B. turkeys and Barred Plymouth Rocks exclusively, for 27 years. 300 head for sale. At the recent Central Poultry Show at Monroe, 1906, we won seven prizes on turkeys and twelve on B. Plymouth Rocks. Prices reasonable.

**HIGH-SCORING POULTRY**--Barred Rock cockerels \$1.00 to \$1.50; Pekin ducks, \$3.00 trio; Toulouse geese, \$6.50 trio; Fox Terrier dogs, \$8.00 to \$10.00 each. Stamp for reply. Address, J. O. Walton, Belle Plaine, Iowa.

#### MAMMOTH BRONZE TURKEYS.

MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

**ROSE COMB BROWN LEGHORN.** Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

**OTTUMWA Poultry Yards.** Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. L. T. Cameron, Ottumwa, Iowa.

**FOR SALE**--Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

**MAPLE GROVE Poultry Farm.** Pure bred B. and W. Langshans, L. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, Rt. 6, Audubon, Ia.

### POULTRY.

#### BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

FRANK FOY, BOX D, - - - DES MOINES, IOWA.

**FOR SALE:** Live deer, all ages, California quail, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock.

Deer Lake Park, Severy, Kan.

#### B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, - - - Pulo, Iowa

#### 75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellbarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, - - - Montezuma, Iowa

#### Mammoth Bronze Turkeys.

HIGH SCORING young stock for sale. Score cards furnished. Address, GUY W. OFFILL, - - - Prairie City, Iowa

**SINGLE COMB W. Leghorn** cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

**40 BREEDS** hardy northern raised thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. R. R. Neubert, Mankato, Minn.

**BARRED Plymouth Rock** cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa

**WHITE P. Rocks, B. Langshans, S. L. Wyandotte** cks, scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

**MAMMOTH** Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

**ROSE COMB WHITE LEGHORNS.** Write for prices. M. T. McEvoy, - - - Emmetsburg, Iowa

**WHITE Wyandottes**, both sexes. Scored and unscored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

**WHITE Plymouth Rocks, White Holland turkeys** and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa

**Muscovy Ducks For Sale, \$3.00 a Pair.** Mrs. T. W. Glass, Route 4, - - - Sac City, Ia.

**FOR SALE**--75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

**50 BUFF TURKEYS**, both sexes, also some good W. F. Rock cockerels. Prices reasonable. Lloyd Peterson, Cornland, Iowa, Route 3, Box 21.

**UPLAND POULTRY FARM**--Stock for sale from Light Brahmas, Rhode Island Reds and R. C. B. Leghorns. Albert Hais, Wadcamo, Iowa.

**LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks.** Pure bred, large. No. 1 stock. E. S. Dyas, Bellevue, Iowa.

**FINE, large-bodied Mammoth Bronze turkey toms** at \$5.00 each. Barred P. Rocks at \$1.00 to \$3.50 each. Write D. H. Leshner, Robbins, Iowa.

**MAMMOTH B. turkeys**, both sexes, B. Langshans. Cockerels, scored and unscored. Also Pekin drakes. Mrs. A. Kibson, Audubon, Iowa.

**LIGHT Brahmas** bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

**FANCY White Holland Turkeys**, best thorough bred stock at \$3.50 for gobblers and \$2.50 for hens. Mrs. C. E. Conger, Bristow, Iowa.

**BARRED Plymouth Rock** cockerels, farm raised, large, vigorous birds, good shape and color, \$1.25 each. G. F. Piper, Dexter, Iowa.

**S. C. BROWN LEGHORN, S. C. White Leghorn, S. C. and Silver Laced Wyandotte** cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

**BUFF Rock Cockerels for sale.** A few fine ones at \$1.50 to \$5.00 each. Buff to skin. Mrs. J. J. Rink & Son, Shelby, Iowa.

**LEGHORNS** Both white and brown. Cockerels, \$1.00 each, six for \$5.00. Address, Barker Bros., Indianola, Iowa.

## Old Trusty

**Incubators and Brooders**  
The really automatic incubator--start it and it runs itself. Regulator so perfect that you might throw away the thermometer, if you wanted to. Sold on

40, 60 and 90 DAYS' TRIAL and 5 YEARS' GUARANTY

More sold in 1906 than any other make and every patron satisfied. You will be, too.

SEND FOR FREE BOOK.

Johnson's Chicken Book--bigger and better than ever. Full of common-sense chicken talk, 500 pictures. It will save you money. Write today sure.

M. M. JOHNSON CO., Clay Center, Neb.

Johnson pays the freight



Write today for The Autobiography of a Hen and the Victor Book--the whole story from the chick in the egg to how to make hens lay. All about incubators for expert and beginner. Knowledge you ought to have if you are thinking of buying one. VICTOR machines are practical and well made, economical in operation and always produce the best results. Don't waste your time, eggs and oil in a poor machine. Let us tell you how to begin right. Our 40 years experience is at your service in these books. Let us send them to you and see. Write us for them today. Geo. Ertel Co. Established 1867. Quincy, Ill.

**Hatch Chickens by Steam with the EXCELSIOR INCUBATOR OR WOODEN HEN**

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.

Send for free Catalogue.

### POULTRY.

**MRS. J. W. BLOXHAM**, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa

**PURE Bred Barred P. Rocks**, scoring 89 to 92%. Choice cockerels, cockerel and pullet matings. Eggs in season. Mrs. R. VanDerWert, Rt. 2, Lacey, Ia.

**SILVER-LACED Wyandottes**, Steinmeach strain. Some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Redford, Iowa

**CHOICE S. L. Wyandotte cks, W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks**, both sexes for sale. Mrs. Edith Eggabroad, R. 1, Grundy Center, Ia.

**CHOICE B. P. R. cockerels, Bradley and Thompson** strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

**FOR SALE**--150 thoroughbred Mammoth Bronze turkeys. Large bone, well marked. Toms, \$5 each, hens, \$3. C. M. Snyder, R. 4, Corydon, Iowa.

**PRIZE-WINNING Light Brahmas**, scored by Judge Russell. Scored cockerels, \$2.00; unscored birds, \$1.00. J. Q. Swallow, Box 89, Nodaway, Iowa.

**MAMMOTH W. Holland turkeys.** High scoring breeding stock; also Pekin ducks, Rankin strain. Prices reasonable. Mrs. J. H. Richardson, Bristow, Ia.

**MAMMOTH White Wyandotte** cockerels and Buff turkeys, true to color and large size, at reasonable prices. Mrs. L. C. Dennison, Arbela, Mo.

**LIGHT BRAHMAS** bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spalti, Box 7, Pleasantville, Iowa.

**400 BARRED Plymouth Rocks and White Wyandottes**, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

**PULLETS, Single Comb Brown Leghorn**, scored and unscored, also cockerels. Mrs. Geo. Manning, Birmingham, Iowa.

**FINE Partridge Cochins**; also trio White Holland turkeys, "good enough for show room," \$20. Floy Collins, Viola, Iowa.

**BARRED ROCKS, Buff Cochins**, scoring 80% to 94. Scored and unscored birds. Write your wants to Ida Hepp, Gray, Iowa.

**FOR SALE:** A FEW MAMMOTH Bronze turkey toms of the Giant strain. S. O. West, Berwick, Iowa.

**BUFF PLYMOUTH ROCKS** at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

**75 SINGLE COMB Brown Leghorn** cockerels, early hatch, 75c, and \$1.00 each. Mrs. Will Michael, Selma, Iowa.

**FINE, LARGE MAMMOTH BRONZE TURKEYS** and Rouen Ducks. J. H. Howarth, Moulton, Iowa.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### TESTING FEEDING METHODS.

When Uncle Sam turns his attention to the poultry business, you may be sure there will be something doing. The old gentleman has been a good while getting interested in this branch of his great industries, but when he once is fully awake, look out for results.

In proof of this growing interest, a novel experiment station is being established at St. Denis, Maryland. There is to be an attempt to establish or rather develop a breed of non-setting, continuously laying hens. This hustling age has gotten ahead of nature, and the old-fashioned processes of broody hens are quite too slow for present day demands. The incubator is supplanting Biddy, who cannot hatch out chicks fast enough to meet the demand, or supply sufficient eggs if allowed to follow her natural instincts. So far, no breed of hen has been made to understand that laying eggs is the only work required of her, and that she cannot be excused from continuous duty along this line.

In many directions man's ingenuity has been able to beat Nature on her own ground, and the St. Denis Experiment Station is to see what can be done in this difficult field. Foods which are claimed to stimulate the laying instinct will be fed, and a number of different pens will be treated in as many different ways to attain this end, if possible. Seventy-five Plymouth Rocks have already been installed for the experiment. These will be divided into separate colonies with varying rations and methods of feeding. Some will be fed at stated intervals, while others will be provided with self-feeding hoppers. Dry feeding, wet mash, mixed grains, both cracked and whole will be tried. Broody hens will be subjected to processes of discipline to eradicate the sitting instinct, and those who refuse to fall in line will be cast out of the pens.

Trap-nests will be used to indicate the best layers, and only the eggs from these hens will be hatched in the incubators. In this way both heredity and artificial selection will aid in establishing the desired traits of non-sitting and constant laying. It will take several years and a number of generations to establish such a breed, but when once established, it will be of immense value to the poultry fraternity.

### USING THE WILD TURKEY.

New England, and Rhode Island in particular, has long been known as the great turkey region. Large crops of this king among American birds were raised here in years not long past, but disease has almost killed the industry, and the most of the turkeys are now raised in the middle West. The loss is a serious one, and scientific minds having the poultry interests of that section in charge, have been studying the problem in search of a solution. The "black-head" disease has proven a great obstacle, and the result has been almost fatal to the turkey industry. Prof. H. J. Wheeler, director of the Rhode Island Experiment Station, recommends the crossing of the wild turkey upon the domestic species. The claim is made that the result is a bird able to resist the dreaded "black-head" disease, to increase egg-laying capacity, and to produce a fowl better suited to the holiday market.

The great question is where to obtain the wild turkey. A hundred years ago a wild turkey could be bought for six cents. Now, the price has soared, until five dollars would scarcely buy a large specimen. In New England the wild bird is entirely extinct. We must look further west to find them, and even now, in spite of the government's effort to protect them, many are annually killed by "pot-hunters," so that there is serious danger that unless radical protection can be given, they will be entirely extinct in a few years.

It has been a query in many minds why the wild turkeys are able to rear so large a percentage of their young. No less an authority than the great Audubon asserts that the wild poult is really as tender and delicate as those of the domesticated species, and equally



sensitive to wet weather. But the wild mothers are wise in their generation, and in wet seasons feed their babies on the buds of a spice bush which has much the same effect upon them as quinine has upon the human family. This is certainly interesting, if true. If this plant can be identified, it would give opportunity for some valuable experimenting.

#### POINTERS.

—Messrs. Sandquist Bros., of Oakland, Neb., have some nice Black Langshan cockerels which they are offering for sale in their advertisement on this page.

—Mr. H. D. Rhine, of New Sharon, Iowa, has some Buff Plymouth Rocks and Black Langshan cockerels for sale, and in his advertisement on this page he is quoting prices on same.

—Mr. L. T. Shepard, proprietor of the Hillcrest Stock and Poultry Farm, of Manning, Iowa, has some pure-bred Black Langshan cockerels for sale. See his advertisement on this page.

—Mr. Joseph Kappes, Jr., of Ashton, Iowa, is offering cockerels, hens and pullets of the Single and Rose Comb White Leghorn and Black Langshan varieties for sale in his advertisement that appears on this page of The Homestead.

—Mr. E. E. Condit, of Newton, Iowa, has been a breeder of Light Brahma chickens exclusively for sixteen years. He now has some fine large cockerels for sale that are grand in shape and style. His advertisement appears on this page.

—Mr. Adam Kolb, of Thornton, Iowa, has some Mammoth Bronze turkeys for sale, the toms of which weigh from twenty-five pounds up. He also has White Plymouth Rock cockerels on which he is quoting prices in his advertisement on this page. He writes: "My Mammoth Bronze turkeys are of a very large strain and are nicely shaped and well marked. My White Plymouth Rock cockerels are strong, healthy birds and are pure white."

—In furnishing copy for her advertisement found on this page of The Homestead, Mrs. F. R. McLaughlin, of Manning, Iowa, writes: "I am able to offer my customers better

stock than ever before. My cockerels are fine, large, vigorous birds, all from high-scoring stock. I have a nice lot of cockerels scoring from 90 to 94 points, as well as a number of extra good unscored ones. I will spare only a limited number of hens and pullets. My Pekin ducks are extra large and I have both sexes for sale. I have been an exclusive breeder of Silver Laced Wyandottes for seventeen years and am able to furnish good birds at reasonable prices."

—Mrs. O. J. Early, of Bristow, Iowa, is offering for sale, scored and unscored hens, pullets and cockerels of the Fisher strain of White Plymouth Rocks in her advertisement that appears on this page of The Homestead. She will have eggs for sale in season.

—Mr. W. S. Russell, of Ottumwa, Iowa, is a well-known breeder of Barred Plymouth Rocks. In his advertisement that appears on this page he is quoting prices on cockerels. If wanting first-class stock the reader should write Mr. Russell at once in order to get the pick of his flock.

—The International Stock Food Company, of Minneapolis, Minn., have an advertisement of their Jewel incubator on page 15 of The Homestead. It will be to the interest of every breeder of poultry to read this advertisement, as the International Stock Food Company are making a very liberal offer.

—Mrs. F. H. Long, of Manning, Iowa, has an advertisement on this page in which she is offering Silver Laced Wyandotte cockerels for sale. In writing in regard to her stock she says: "My White Wyandotte cockerels are from birds scoring as high as 93 points and are large, well marked and have rose combs that are very low and well shaped."

—On this page of The Homestead appears the advertisement of Mr. A. C. Norris, of Grinnell, Iowa. In furnishing copy for the advertisement Mr. Norris writes: "My Barred Plymouth Rocks are better than ever this year. Mr. F. H. Shellabarger scored them December 3d and pronounced them very good. At the Montezuma, Iowa, Poultry Show, December 4th to 7th, I took first on cockerel 92½ and first on pullet 92½."

—We call attention to the advertisement of Mr. F. W. Mack, of Spencer, Iowa, who is offering Mammoth Bronze and White Holland turkeys, Barred and White Plymouth Rocks, Silver Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams and geese for sale. His advertisement appears on this page.

—Mrs. Sarah F. McKeen, of Sac City, Iowa, in furnishing copy for her advertisement that appears on this page of The Homestead, writes: "I have some extra fine Black Langshan cockerels for sale. Last season's pen was headed by a 94½ point cockerel, weighing nine and one-half pounds. The cockerels that I am offering for sale have had the range of the farm. I breed Black Langshans exclusively. I will sell at the following prices: \$1.50 to \$2 for single birds; in lots of three, \$3 and \$5."

—We take pleasure this week in calling the attention of our readers to the new advertisement of Mr. Chas. Stuart, of Altoona, Iowa, which appears on this page of The Homestead. Mr. Stuart is offering prize-winning Mammoth Bronze turkeys scoring 95%

## HATCH ALL Incubators Will Hatch Your Eggs

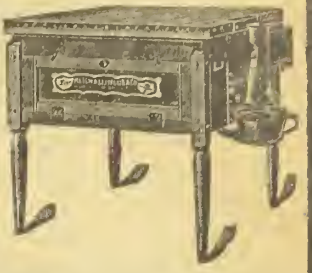
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., HEBRON, NEB.



## MAKE GOOD MONEY IN POULTRY BUSINESS



Others are doing it. You can too with our big illustrated valuable book "Profitable Poultry." It tells how to breed, hatch, feed, grow and market—to make lots of money. Describes most wonderful poultry farm in the world. Contains plans for Brooder and Colony houses, yards and poultry farm. Tells all about the "Biddy" Incubator and Brooder, proves and guarantees it to be the very best; all about our 32 kinds of profitable fowls; quotes low prices on birds, eggs, incubators and brooders and everything for poultry. It starts you on the right road to success in poultry. Mailed for 40 in postage.

BERRY'S POULTRY FARM, Box 112, Clarinda, Ia.



#### POULTRY.

**MAMMOTH BRONZE** White Holland turkeys, Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese, F. W. Mack, Spencer, Iowa.

### Barred Plymouth Rocks.

GET into the "band wagon" early. We can surely please the most exacting in cockerels at \$3.00 to \$5.00 each. Write today; don't put it off. Address, W. S. RUSSELL, Ottumwa, Iowa.

### Sandquist Bros.,

OAKLAND, NEBRASKA. BREEDERS of high class Black Langshans. A nice lot of cockerels for sale. Write us for prices.

### For Sale---Prize Winning

**MAMMOTH** Bronze turkeys, scoring from 95½ to 96½. Also choice Barred Plymouth Rock cockerels and pullets. CHAS. STUART, Phone 93 V, Altoona, Iowa.

### Mammoth White Holland Turkeys

30 YOUNG birds for sale from 34-lb. tom. Score, 96, first prize state show; also Toulouse geese. MRS. G. W. SHAW, Monroe, Iowa.

**WHITE ROCKS**—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. Bulus H. Flanagan, Pleasantville, Iowa.

**BARRED** Rock cks. for sale. Scored by Shellabarger at Montezuma Iowa Poultry Show, Dec. 4; first ckl. 92½, first pullet, 92½. Unscored ckl., \$1.50. Write for prices. A. C. Norris, Grinnell, Ia.

**WHITE** Plymouth Rocks for sale, scored and unscored. Hens, pullets and cockerels. Fisher strain. Prices low. Eggs in season. Mrs. O. J. Early, Bristow, Iowa.

**BUFF** Rocks for sale.—150 pullets, hens, cocks and cks., scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steddom, Lacey, Ia.

**S. L. Wyandotte** cks. for sale; fine large birds from high-scoring stock; also two Buff Orpington cks. single comb. Mrs. F. H. Long, Manning, Iowa.

**ROSE** and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

**M. B. turkeys** large-boned toms weighing 25 lbs. and up, \$5 each and up; also White P. Rock cks. \$1.25 each; farm raised. Adam Kolb, Thornton, Ia.

**BLACK** Langshan cks., extra large, good combs. B. Matings of 14 large hens and 9½ pt. ckl., \$1.50 to \$2 each. Mrs. Sarah F. McKeen, Box 36, Sac City, Ia.

**S. C. B. LEKHORN** hens and pullets for sale at reasonable prices; also M. B. turkeys and B. P. Rocks. J. P. Eskildsen, Lawler, Iowa.

**FOR SALE**—Buff Plymouth Rock and Black Langshan cockerels, \$2.00 to \$5.00 each, all scored. H. D. Rhine, New Sharon, Iowa.

**FOR SALE**—FULL Blood Black Langshans. Roosters crated and delivered to railroad at \$1.50 each. E. A. Whitel, Atlantic, Iowa.

**SILVER-LACED WYANDOTTES**, Pekin ducks. S. choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

**HILLCREST STOCK** and Poultry Farm. Pure bred Black Langshan cockerels. Address, L. C. Shepard, Route 1, Manning, Iowa.

**LIGHT BRAHMAS** exclusively for 16 years. Fine large cockerels for sale with grand shape and style. E. E. Condit, Newton, Iowa.

#### DOGS.

**I Have Some Extra Fine Fox Terriers** NICELY broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15, or will exchange for S. C. White Leghorn hens or pullets.

C. H. DRAKE, Stockport, Iowa

**CHOICE** Scotch Collie pups, three months old, sable and white, natural drivers, sire and dam registered, price \$5. At stud Hope III 100416, son of the world famous champion Welshbourne Hope, fee \$5. Embden ganders \$2; scored White Holland tom \$4. Rose Comb Brown Leghorn cockerels \$1 each, 6 for \$4.50, 12 for \$8. D. W. Nickerson, Marble Rock, Ia.

**THOROUGHBRED** fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

## Let Me Quote You a Price on a CHATHAM Before You Buy an Incubator

It will take one penny for a postal, and a minute of your time, to write for Special Prices on 1907 Chatham Incubators and Brooders. No matter what kind of a machine you have in mind—no matter where you intend buying, or when—TODAY you should send me a postal and get my catalog and prices.

My book will post you on the best way to make money out of poultry—and my prices on Chatham Incubators and Brooders will show you how to start in the poultry business for a small amount of money.

Chatham Incubators are sold on

**84-Days FREE** trial, freight prepaid, and are guaranteed 5 years. Chatham Incubators are the best possible to make. They are tested, and known to produce the largest percentage of strong, healthy chickens.

If you are most ready to buy a machine now, put it off for a day or two, until you can get my prices and catalog. Then decide.

We have warehouses in all the leading trade centers—where Chatham Incubators and Brooders are kept in stock—insuring prompt delivery.

I invite you to write for my prices and book. I can save you money on an incubator.

**MANSION CAMPBELL**, President Mansion Campbell Co., Ltd., 241 Wesson Ave., Detroit, Mich.

If you live west of the Mississippi River, address me Box 241 Topeka, Kan.

## A Free Book About Incubators

We issue the best book ever written on incubators—written by a man who has spent 25 years in perfecting them—by the man who made the Racine. It tells facts that you must know to get the right incubator. Don't buy without reading it, for the book is free. We pay the Freight.

Racine Hatcher Co., Box 135, Racine, Wis. Warehouses: Buffalo, Detroit, Kansas City, St. Paul.

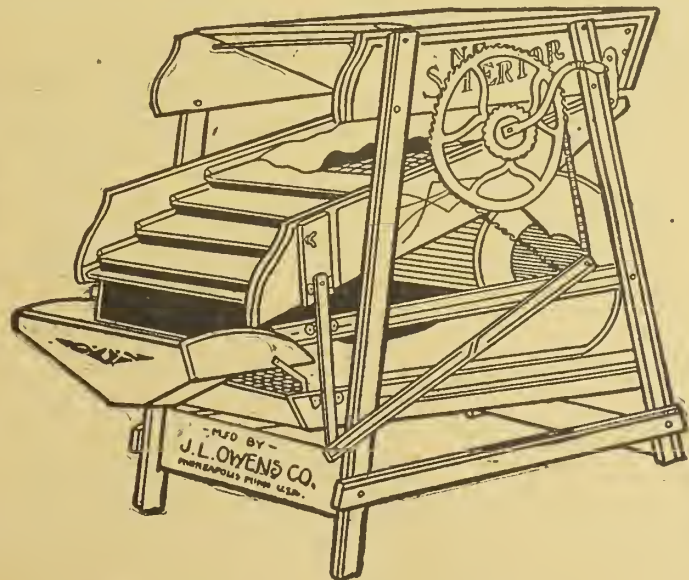
## Hatch 'Em Easily

Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is Guaranteed. Glad to send free my handsome, new illustrated catalog. Write now to Emil Ochsner, Box 17, Sutton, Neb.

**GREIDER'S FINE CATALOG 1907** tells all about purebred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. B. H. Greider, Rheims, Pa.

**POULTRY PAYS** Our Book, "Poultry for Pleasure and Profit" showing 35 best paying varieties mailed for 10 cents. Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 36, Delavan, Wis.

When writing to advertisers please mention this paper.



### Indispensable To a Successful Farmer.

A perfect grain-cleaning, grading and separating machine is acknowledged by all successful farmers to be indispensable.

It has been proven by experiments in different parts of the country that the yield can be increased fully 20 per cent by sowing only the best of plump, healthy seed. The farmer also realizes a better price for cleaned grain, and there are hundreds of ways for a high-grade fanning mill to make money for the farmer who is looking for the greatest returns for his time and labor.

The illustration shown here represents the New Superior Fanning Mill, which is manufactured by the J. L. Owens Company, of Minneapolis, Minn., who, by the way, are the largest manufacturers of grain-cleaning machinery in the world.

The advantage claimed for the New Superior over the ordinary fanning mill, aside from the general construction, is the system employed in handling the grain, there being three distinct operations, each one of which can be regulated independently of the others, thereby giving this mill a far greater range of usefulness, and enable it to do much more perfect work than by any other system.

They have issued a little book entitled "How to Increase Your Profits," which contains a great deal of valuable information on grain raising, and gives a full description of this new, and really wonderful, machine.

Any of our readers who are interested in learning how to raise larger crops, which will sell at higher prices, should write at once to J. L. Owens Company, 614 Superior St., S.-E., Minneapolis, Minn., for this book. They send it free upon request.



## GREGORY'S SEEDS

**FREE**

Our catalog is rich with information for the guidance of farmers and gardeners. It has been a great help to thousands—has been the means of turning many a failure into success. The great variety of vegetable and flower seeds include the best of the old standard and such new kinds as have proved of value by actual test.

J. J. H. GREGORY & SON,  
Marblehead, Mass.

## Jewell Seeds and Trees

1200 acre nursery and seed farm, founded at Lake City in 1868 by Dr. P. A. Jewell. Send postal card for Free 139 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

THE JEWELL NURSERIES,  
BOX 16 LAKE CITY, MINN.

## FIELD'S SEED CORN

Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

HENRY FIELD, SEEDSMAN,  
BOX 25, SHENANDOAH, IA.

## TREE LILAC - 30 FT. HIGH

A real tree, not a shrub. Never saw one? We have them for sale and many other kinds of fine Lilac. Send for catalog. Positively the finest in the Northwest. It fully describes and prices all kinds of Shrubs, Vines, Trees, Roses, Bulbs, Ferns, etc., and tells you how to plant, prune and care for trees, and all kinds of nursery information. Sioux City Seed & Nursery Co., 2113 Clark St., - Sioux City, Iowa.

## SEEDS

All the best novelties and standard sorts of Garden and Farm seeds. Send for handsome, illustrated catalogue of Seeds, Plants, Poultry Supplies, Nursery Stock, etc., and special Bargain List of Vegetable and Flower seeds at 3 cents per packet and upwards. Mailed to you, if you mention this paper.

IOWA SEED CO., Des Moines, Iowa.

## SURE GROW SEEDS

The best in the world. A lot of free seeds with every order. The biggest and best seed book ever issued. A postal will bring it. RATEKIN'S SEED HOUSE, Shenandoah, Iowa, largest Seed Corn growers in the world.

## WRAGG TREES

WE PAY FREIGHT.

SELL direct, guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

M. J. WRAGG NURSERY Co.,  
330 GOOD BLOCK, DES MOINES, IA.

## WE GROW ALL KINDS OF HARDY TREES & PLANTS

And Sell Direct to Planters Catalog Free.

STRAND'S NURSERY  
R. F. D. 16 Taylors Falls, Minn.

## 4 Good Apple Trees

All varieties. Peach 5c, Plums 12c, Cherries 15c, Grapes 20c. Grafted trees, not seedlings. We pay the freight. Full line of nursery stock and seeds. Large illustrated catalog free. Write to-day.

German Nurseries, Box 12, BEATRICE, Neb.

## HEALTHY TREES HONEST IN QUALITY

Grafted apple, budded peach, budded cherry 15c. Concord grapes \$2 per 100. Black Locust \$1 per 1000. Complete colored cat. free. Galbraith Nurseries, Box 82, Fairbury, Neb.

SALESMEN WANTED to introduce Burbank's wonderful stoneless plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

**CLOVER** Send samples of Clover, Buckwheat and other Field Seeds and get our bid before you sell. The Adams Seed Co., Decorah, Iowa.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### Farm Groves.

Our populated western prairies would be very desolate indeed were it not for the groves that were planted by the pioneers who took that well-known advice and moved West, broke up the virgin soil, built a rude board shanty to live in and a stable banked up with straw and thatched with slough hay. All these early settlers had come from a forest region where wood was plentiful for all demands.

They set out mostly quickly-growing varieties, such as willow, cottonwood, soft maple and boxelder; also some black walnut, butternut, white ash and elm. Some groves were set entirely to Lombardy poplars, which were very good-looking when young, but the drought in the summer of 1894 wiped them all out. The wood of the Lombardy poplar is of very little value. In the past ten or twelve years the planting of farm groves has been entirely neglected for the reason that seventy-five and one hundred dollars an acre is too valuable to plant to timber from which the returns will not be realized for many years. But, nevertheless, a certain number of acres of each farm should be planted with trees. Let us say a forty-acre farm might have a grove of three acres; and an eighty-acre farm, five acres; a 120-acre farm, seven acres, and a 160-acre farm, nine or twelve acres. A farm grove should contain all those kinds of trees that will do well in that locality and planting close together will produce straight trees. For example, alternate a row of black walnut with a row of cottonwood and when the latter begins to crowd, cut them down and make them into firewood. There are a few black walnut groves in my neighborhood that were planted twenty-five to thirty years ago and the trunks two feet from the ground are ten to fourteen inches in diameter, although this variety grows faster in low or bottom lands than on uplands. The birches are another valuable addition to any grove. Their glistening white bark makes them very conspicuous.

A grove should have forest conditions; by this is meant that the leaves falling should remain and form a leaf mold which will act as a fertilizer, and hold moisture during severe winter weather. To accomplish this to a certain extent, low growing trees and shrubbery may be planted among the trees and near the outside, some evergreens, such as red cedars or the white spruce. These will break the force of the high winds and leave at least part of the leaves upon the ground. I would not think a grove was complete unless a few climbers were planted among the trees. The wild grape vine and the ampelopsis are quite well for this purpose; first, because it is the first to feed the birds with the grapes it may produce; and, second, it is a beautiful sight in fall when its leaves turn crimson. In speaking of the color of the leaves in autumn, the hard maple is one of the grandest of them all, but I find that very few are planted in the farm groves. The reason for this must be that the plants are not as easy to get as the soft maple.

To sum up the different varieties that may be grown with success on our prairie soil, I will mention the black walnut, butternut, white ash, elm, basswood or linden, shellbark hickory, bur oak, boxelder, wild black cherry, white birch, inclusive of the European and cut-leaved varieties, also the catalpa, cottonwood and willow. The cottonwood is not so much of a nuisance in the country as it is in the city, by reason of the cotton it scatters all over. I will also say that the mulberry is a good tree to plant. It is more of a bushy growth than a tree, but the fruit is well liked by the birds and thus your cherries will not be molested. The uses of farm groves are numerous; they add to the beauty of the landscape, by breaking the monotony of the prairie, furnishing wood for various uses and for fuel so we need not be dependent upon the coal trust. They shelter our premises from the cold northern blasts during winter and in summer when the thermometer is playing about the 100 degree mark, we linger in their cooling shade with a feeling of thankfulness to Him who in His

## BURPEE'S Farm Annual for 1907

has been enlarged to 200 Pages,—it is better than ever before, AND WELL deserves its position as

### "THE LEADING AMERICAN SEED CATALOG"

Besides our famous Specialties we now exclusively introduce some most Important Novelties including the most remarkable Two "New Creations" in Vegetables that nature has yet produced! If you would like to try BURPEE'S "SEEDS THAT GROW" you should send for this elegant book. Do not delay,—Write TO-DAY!

W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA, PA.



We grow our Hardy "Blizzard Belt" Evergreens in ten million lots. To prove they are healthy, well rooted and vigorous we offer to send

Four Fine Sample Trees, 3 years old Free to a limited number of property owners. Mailing expense 5 cts which send or not as you please. A postal will bring them. Our Catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Evergreens, Ornamentals, etc., with a mine of valuable information for fruit growers, free for the asking. Write to-day.

THE GARDNER NURSERY COMPANY, Box 702, Osage, Iowa.

## FOUR EVERGREENS

**FREE**

## SEED CORN! NOW LISTEN! OUR CATALOG

WE GROW IT JUST RIGHT! WE HANDLE IT JUST RIGHT!! WE SELL IT JUST RIGHT!!!

J. B. ARMSTRONG & SON, F. H., - SHENANDOAH, IOWA



## TEST IT BEFORE YOU BUY

Sample Sent Free Brown Fences are made of the highest grade of Spring Steel Wire. Both strand and stay wires No. 9 gauge, thickly galvanized. Test our sample for strength. File the galvanizing and see how thick the coating. Any trial will prove it strong, solid, substantial and durable. Requires less posts than most fences and is guaranteed to outlast any two of light weight fences. Ask for free sample and catalog of 133 styles. Freight Paid on 40 Rods or more. THE BROWN FENCE & WIRE CO., Cleveland, O.

## SEND YOUR ORDER FOR CORN GARDEN SEED

WE are the most extensive Field and Garden seed growers in the middle West. All seeds thoroughly tested before shipping. Write us for our 1907 handsome illustrated catalog. A. A. BERRY SEED CO., Box BX, Clarinda, Ia.

mercy gives us all good things.—(L. W. Hoffman, in Iowa Horticultural Report.)

At the meeting of the directors of the Short-horn Breeders' Association at Kansas City, last week appropriations for Hamline and Kansas City shows were made the same as last year, action on the International going over to another meeting.

### AWFUL ITCHING ON SCALP

Hair Finally Had to be Cut to Save Any—Scalp Now in Good Condition—Cured by Cuticura.

"I used the Cuticura Soap and Ointment for a diseased scalp, dandruff, and constant falling of hair. Finally I had to cut my hair to save any at all. Just at that time I read about the Cuticura Remedies. Once every week I shampooed my hair with the Cuticura Soap, and I used the Ointment twice a week. In two months' time my hair was long enough to do up in French twist. That is now five years ago and I have a lovely head of hair. The length is six inches below my waist line, my scalp is in very good condition, and no more dandruff or itching of the scalp. I used other remedies that were recommended to me as good, but with no results. Mrs. W. F. Griess, Clay Center, Neb., Oct. 23, 1905."

A GREAT ADVERTISING PROPOSITION—HOW A CHICAGO FIRM IS GIVING AWAY THOUSANDS OF DOLLARS' WORTH OF PREMIUMS DAILY.

One of the best mail order propositions today is that of the Judson A. Tolman Company, of Chicago. They are now mak-



ing a great premium offer by which anyone dealing with them can secure beautiful articles without cost. A concern which suc-

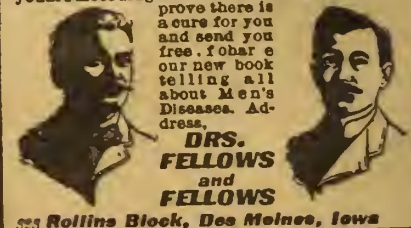
## FREE! TREATMENT FOR MEN

### Cure Yourself At Home!

When afflicted with Nervous Debility, Weakened Vitality, Blood Poison, Skin Diseases, Prostate, Urethral, Kidney or Bladder Disorders, the uppermost thought is "where can I obtain a positive cure with the least inconvenience and at the least expense." Doctors charges for treatment of these troubles at their offices are very high. The cure usually uncertain.

**OUR HOME TREATMENT** places within your reach the best possible treatment at a moderate expense. Our 20 years practice and thorough knowledge of these diseases has enabled us to prepare and perfect a new method which can be successfully used at home. To prove the merit of our new method **We Will Send You a Month's Treatment** especially prepared for your case and allow you to use it for fifteen days. If you are not better or the treatment unsatisfactory return it to us and it will cost you nothing.

Write us today about your case even though you are discouraged with other treatments; let us prove there is a cure for you and send you free, for a trial, our new book telling all about Men's Diseases. Address,




DRS. FELLOWS and FELLOWS

523 Rollins Block, Des Moines, Iowa

ceeds well in the mail order business is especially entitled to credit. The Tolman company have built up a mail order business which is increasing daily by their fixed policy of placing on the market a splendid line of high-grade articles and selling direct to the consumer at lowest wholesale prices. Furthermore, they now enable their customers to secure a large variety of merchandise without cost. We have investigated their proposition thoroughly and pronounce it a winner. Why not write them a postal card today and say, "Please tell me about your big premium offer and money-saving catalog." You will receive full particulars by return mail, and it is to your own advantage to write them today. Address Judson A. Tolman Company, 7730 Woodlawn Ave., Chicago, Ill.



\$1.50 FOR 100 SQUARE FEET STEEL ROOFING



Over a Million Square Feet at One-Third Reduction. Buy Your Roofing and Building Covering Direct from Us. We Save You Big Money

Our Steel Roofing is cheapest in price of all steel roofings. It is the most economical in the long run. It is the most durable. It withstands the elements better than any other kind. It is superior in every respect. Stronger, lasts longer, does not become soft in hot weather. Does not crack, dry or rot. Withstands winter storms. Does not soak up. Drains your roof perfectly. Makes it fire proof, lightning proof, water proof. Much cheaper than shingles. Lasts three times as long. Away ahead of slate. Does not break or crack. No tar or patented compounds. It is the ideal roof covering. Prepared roofings are expensive and not satisfactory. Steel roofing does not taint rain water. Makes your building cooler in summer and warmer in winter. Thousands of squares sold every month. Farmers everywhere using it for covering houses, barns, outbuildings of all kinds, storm sheds, poultry houses, hog sheds, etc. Just the thing for elevator siding, stores, churches and buildings of every sort. Easily laid. No special tools required. Hammer and nails, that's all. Absolutely new, fresh from our factory. All ready to put on when received. Can be laid over old roofs.

DAY BY DAY

Agricola

Some of my neighbors are buying gramophones, phonographs, graphophones, or whatever they may be called. They do this to please the children. Making home pleasant, making it the pleasantest place on earth, converting the isolated farm house into a concert hall by the investment of money in an instrument which will reproduce music of the best kind and as sung or played by masters of their art does not call for any argument in its favor.

And yet Agricola has none of this music at home. The family is musical and makes its own music, and chautauqua and lecture courses are patronized where the good performers can be heard. Yet there are some musicians who have performed for graphophone reproduction who never visit the West, and it is a rare treat to listen to their rendition of high grade music, and so I rejoice when I see a gramophone going into a farm home.

I habitually like things first hand—like to hear noted lecturers, noted musicians, politicians and statesmen, and agricultural professors, and I like to read original writings written for a special purpose and found in a special publication. I like to read the special departments of this journal, but have no time for plated agricultural matter, or syndicate sermons. They scatter too much and hit practically nothing.

What value, esteemed reader, would

Mrs. Miller

Makes a Fortune

Started a Few Years Ago with No Capital, and Now Employs Nearly One Hundred Clerks and Stenographers.

Until a few years ago Mrs. Cora B. Miller lived in a manner similar to that of thousands of other very poor women of the average small town and village. She now resides in her own palatial brown-stone residence, and is considered one of the most successful business women in the United States. Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was besieged by so many women needing the treatment that she decided to furnish it to those who might call for it. She started with only a few dollars capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

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you put on this paper if it were but a reprint and contained nothing original? Well, this is what a gramophone is—a reproduction, but when we can not have the original performance, the reproduction is our welcome recourse.

And yet few of us really originate. We reproduce, with an individuality in our reproduction. A new variety of plant or animal is originated and the type established, and then we go to work to reproduce it. Take our breeds of cattle, chickens, horses, swine, apples, grapes—yes, and our beautiful flowers. We reproduce and with delight.

But we do not reproduce literally. Our law is "Like produces like," but strictly speaking, it doesn't. If it did there would be no possibility of improvement. All would be dead uniformity. Like produces like—with a variation. This last part makes farming interesting and gives it a constant charm. We fix an ideal in our mind, select the specimen nearest to it which we can find, then reproduce it and watch the variation, selecting that which is nearer still to our ideal, and so we improve the product.

But what is improvement? That depends upon our aim. Do we wish our cows better for the dairy? Or do we wish them beefier? We can not face two ways and progress. We must look towards our ideal with constancy if we would approach it, and this generally takes us away from what some one else sets up as an ideal.

Some people admire hogs, and the number who enjoy looking at them this winter is unusually large. They are high in price and this well nigh throws a halo over the animal despised by Jews and Dowieites. There is a subconscious liking for what brings us profit. We may like some things which we ought to dislike.

Many young farmers and farmers' sons take the short winter agricultural course at the agricultural colleges. It helps them. They have a different look in their countenances. Intelligence shines out—it illuminates the pastures. They are better farmers and better neighbors ever after.

Each county now in Iowa has the opportunity to send some one free of tuition, the college making this offer through the county farmers' institute. It may be decided who gets the prize by a stock-judging contest, or a sweepstakes premium in a corn contest, or some other way wherein capability is manifest. This is a new thing which is good as well as new.

Bulletin No. 141 of the Wisconsin station says that the reason why farmers largely fail as raisers of good draft horses is that they are poor feeders of draft colts. The man who breeds draft stock and fails to develop it into a good draft stock is fooling away his time and missing good money.

And this applies the same to all other stock, and to all plants grown on the farm. Planting good seed and failing in the cultivation is fooling away time and opportunity, and missing good money.

It is easy to persuade yourself that one color of corn is better than another, but to prove it to your neighbor is a harder proposition.

I tried the experiment station method of saving seed corn last fall—tying it together in strings of ten ears and hanging it to rafters. I like it very much better than I had anticipated.

It is the loafer who concocts most of the schemes which will not work.

When an agent approaches you remember what agents have done to other people.

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than mixed schools, and the same holds true with pigs, although "schools" is not the word to use. But big and little in one bunch means "petering out" for the small ones.

The seedless apple and the vineless potato are still good things to let alone. And so is the five-minute churn.

Among the many misfits in life two of the saddest are a deep man with a shallow education and a shallow man with a deep education.

Dried currants, such as are sold in our stores, are not grown in this country, neither are they currants, but small seedless raisins from Greece.

When Agricola was a small boy petroleum was not used as an illuminant, but was sold in the drug stores as medicine, under the name of Seneca Oil. The price was about one dollar a pint. If buttermilk were as expensive we should probably use it as a medicine.

Why cotton seed will kill hogs and alfalfa pasture is sometimes fatal to horses and mules, and in each case is limited in its bad effects to those animals, is a puzzle to the learned and the unlearned.

One kind of bran is too coarse for pigs, and since it is the only kind in market, give them middlings instead and the bran to something else.

The city penny-a-liners still mourn about the poor, tired farmers' wives who wear themselves out making butter. Well, there is a sure cure for that difficulty. It is the local creamery. It has been many years since farm woman in this part of the modern Eden have churned butter, even for the family table. Here and there some retired farmer with one or two cows milks them to keep from dying with ennui

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G. M. Ditto, Box 12 Joliet, Ill.

and his wife churns the cream. The stores all keep creamery butter, with only an occasional dairy print for the few who wish to buy something cheaper. By the way, how small a pound of butter looks when it costs more than "thirty cents."

The Agricola homestead has something to which we "point with pride!" It is a drove of turkeys. They are large, fat, strong-boned, white in color, and whoever beats them must be a top-notch. They were started right and have kept themselves thrifty and steadily growing. One of the reasons for this is the fact that the parents were strong, healthy and fully matured.

There is another drove to which Agricola also points with pride. The same words and the same terms describe this except that instead of being a drove of white turkeys it is a drove of white hogs. Immature breeding stock means that the young will be "born short" in every thing, but susceptibility to disease.

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and ask him to supply you. If he cannot, do not take a substitute but send to us direct.

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## VETERINARY MATTERS.

**PROFESSIONAL** Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### WOUND SCARS.

I have a five-year-old black mare which I sweeneyed this fall and in doctoring her I blistered her very badly, so badly that it took the hair off, together with the first layer of skin, where she was blistered. What can I do to restore the hair? Will it ever grow again?

We fear that the hair will not grow again, but the only chance will be to keep the skin soft with daily applications of a little lanolin. It is the corrosive sublimate and such irritants in nostrums commonly used for blistering purposes that causes the trouble.

#### DESTROYING WORMS.

Please tell me when turpentine and venetian red is given to hogs to expel worms how much to give to a bunch of 100, average weight being 150 pounds? How often should this be given and should it be followed by a purgative?

We know nothing about venetian red for worms but turpentine is an excellent remedy and is given at the rate of one teaspoonful for each eighty pounds live weight three mornings in succession being mixed in the slop. It may be repeated the following week and need not be followed by a purgative although many prefer to use one and usually employ calomel or epsom salts for the purpose.

#### IMMUNE HOGS.

(1) Would male and female hogs that have had the hog cholera make good breeders and would their pigs be immune from cholera? (2) A great many western cattle have been shipped into our neighborhood and have polluted our country with pink eye. It seems to be worse among calves. It runs them down in flesh and leaves many of them blind. Is there a preventive or cure for it?

(1) Hogs recovered from cholera are themselves immune against the disease and therefore make good breeding stock when fully recovered but their progeny will not be immune to the disease. (2) The eye disease is contagious so that affected animals should be isolated. Treat by washing eyes with a saturated solution of boric acid; then puff between lids a mixture of equal parts finely powdered calomel and boric acid. The solution mentioned also is excellent as a preventive and may be applied with advantage to the eyes of all exposed cattle two or three times a week while danger lasts.

#### FISTULA.

Will you kindly advise me on the following? I have a valuable two-year-old sorrel mare colt that had the distemper one year ago and it came to head on the cheek at the point of the jaw and broke. It has left a pipe there and has failed to heal up. A scale forms over it, then will drop off in a few days and fresh matter ooze out slightly. It has been so for eleven months. The mare is very hearty and fat and looks well. She runs in the pasture with an old mare. She is large for her age, weighs 1,300. She had the distemper once before when a sucking colt and came near dying. She is in foal now. She seems to feel well, but is uneasy. She often rubs her tail and hind parts against trees and posts. She is continually licking salt and a great drinker. Have never given her treatment of any kind.

There is a fistula present possibly involving the salivary gland or duct or connecting with a diseased molar tooth. It is less probable that it simply connects with a simple pus secreting sac. Try effects of injecting twice daily a little of a 5 per cent solution of protargol, which is expensive but wonder-

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No matter how old the blemish, how lame the horse, or how many doctors have tried and failed, use

**Fleming's Spavin and Ringbone Paste**

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**Free Roofing Book** to use our roofing. We guarantee safe, prompt delivery everywhere in the United States. We save you 50 per cent, freight included. We ship to you from Kansas City, Minneapolis, Chicago or Davenport. This saves on freight. Write or send catalog request only to Davenport and let us save you—dollar for dollar—HALF.

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fully effective in such case. If it does not succeed have a veterinarian operate. The other symptoms come from indigestion and probably have been caused by overfeeding and lack of exercise. Cut grain ration in half, leave corn out of it and let her live an outdoor life or do light work every day.

#### CHOREA.

I have a bay colt two years and eight months of age. When it walks or trots it springs up and down on each leg, or in its body where the legs join. It has been this way a little over a year. Can I do anything for it?

As well as we can judge from your description of the case the colt has chorea (St. Vitus' dance) which is incurable.

#### SWELLING.

A few weeks ago I purchased an eight-year-old mare at a public auction, which had a wire cut of about two months' standing on inside of hind pastern joint. This cut had been neglected, but by proper treatment I have the wound healing nicely. The joint is about twice its normal size and is not decreasing. Is there any treatment that will reduce swelling?

We would advise you to clip hair from swollen joint and blister thoroughly with cerate of cantharides and repeat if necessary in two or three weeks. This treatment also will assist in healing of wound.

#### FISTULA.

I have a black mare twelve years old that I fear has fistula. There is quite a large swelling on the withers a very little to one side. It seems feverish as though there might be pus. Mare has been nursing a colt (not weaned) and is in rather poor flesh. Have only seen the swelling a few days. Any information would be gratefully received.

Clip hair from enlargement and blister every ten days with a mixture of one dram of biniodid of mercury and two ounces of cerate of cantharides. This will either disperse the swelling if pus has not formed or bring it to a head so that it may be freely opened and treated as we have advised elsewhere under head of "fistula."

#### WASTED MUSCLES.

I purchased a mare which was hip sweeneyed last spring. Sweeney has filled fairly well. Can I do anything to help it fill? Mare is young, blocky and an easy keeper. Sweeney does not seem to make her leg stiff nor bother her in any way. She seems to turn or hack as easily as any horse. She is bred. Will it interfere with foaling?

The condition probably is due to an injury which has knocked off a portion of the point of hip and in that case the matter should be left to nature and should not interfere with foaling. If on the other hand it is caused by a fall fracturing the shaft of the ileum of pelvis or if it followed a difficult foaling it may seriously interfere with the next foaling. On general principles, however, we would consider the condition unimportant and advise leaving it alone.

#### LAMENESS.

(1) What can I do for my year and a half-old bay mule? He is stifled on both hind legs. He has been jumping fences of all heights. He has had it for four months. It is worse in the morning. (2) What can I do for my eleven-year-old bay mare which has been sweeneyed on the shoulder for six months. I used one bottle of liniment, but it did no good.

(1) Mule colt will have to be kept tied up and the stifle joints blistered one after the other with cerate of cantharides to strengthen parts. You should first be sure that the stifle is the seat of the trouble. (2) Clip hair from shoulder and blister repeatedly at intervals

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Also make Sweep Grinders, both Geared and Plain.

**E. N. P. Bowshe Co.**  
South Bend, Ind.

of three weeks using cerate of cantharides, two ounces; biniodid of mercury, one dram; mix. Mare should have as much exercise as possible and be well fed on oats when blister has each time been washed off.

#### PROUD FLESH.

I should like to have advice what to do for a barb wire cut that has formed proud flesh. What must I use, to remove the proud flesh?

You should have told us the location of the wound and given a detailed description of condition present. Proud flesh may indicate that the wound has become infected by a fungus (botryomycosis) in which case an operation might succeed if the wound is not in a dangerous place, but we cannot prescribe intelligently under the circumstances. A suitable lotion for the checking of such growths is made by mixing together half an ounce of chlorid of zinc, two drams of hydrochloric acid and two ounces of sulphate of zinc in a pint of water. Apply two or three times daily. Tie horse so he cannot bite part.

**SPECIAL OPEN PREMIUMS TO BE OFFERED AT THE FARMERS' CORN AND STOCK JUDGING INSTITUTE TO BE HELD AT TIPTON, IOWA, ON JANUARY 14TH, 15TH AND 16TH.**

Grand Champion Sweepstakes—\$40 corn belt sweepstakes, two-horse mill by Spartan Manufacturing Company, of Galesburg, Ill.

Class D, Yellow Corn—First premium, \$25, recorded Duroc Jersey gilt by J. J. Spear, Stanwood, Iowa; second premium, \$5, six bottles Vasey's Star Anti-Cholera by Anti-Cholera Company, U. S. Yards, Chicago, Ill.; third premium, \$2.75, twenty-five-pound pail Acme Hog Relish by Acme Food Company, Chicago, Ill.

Class E, White Corn—First premium, \$15, fourteen-inch double-board plow by Hapgood Plow Company, Alton, Ill.; second premium, \$8, 100 pounds bog and cattle powder and four pounds Dead Shot Worm killer by the Farmers' Hog & Cattle Powder Co., Shenandoah, Iowa; third premium, \$2.75, five gallons Dipoline by Marshall Oil Company, Marshalltown, Iowa; fourth premium, \$2.75, twenty-five-pound pail Acme Cattle Relish, Chicago, Ill.

Class F, Early Corn, Any Color—Special by Alexander, Ward & Conover Commission Co., U. S. Yards, Chicago, Ill.; premiums of \$25 divided as follows: \$10, \$7, \$5, \$2 and \$1.

Entries must be for ten ears of corn. Send to Chas. Swartzlander, Tipton, Iowa. Freight or express prepaid. Entries close January 16th at 10 o'clock a. m.

No entrance fee is charged, but all exhibits are to be sold at auction to pay expenses of the institute. Mail bids will be respected.

The Homestead and The Homemaker \$1.25 per year.



## Land Renting From Renters' Standpoint

The Homestead has recently published two comprehensive articles on renting land, giving the landlord's side of it. At this time we present for the benefit of our readers some views from the other side of the question.

The articles written by Mr. Rhinehart and Mr. Allen are interesting from a landlord's view, and I will give my views from the tenant's standpoint.

There can be no fixed rule in renting land, as this is a world of many men of many minds, which applies to landlord and tenant alike. I have tried most every way of renting land except the partnership plan which Mr. Rhinehart and Mr. Allen suggest, and I have found cash rent to be the most satisfactory to both parties. There is less liable to be friction between landlord and tenant.

There is not much to be said of the cash rent plan and that is why I like it. You make out a contract at so much per acre or so much for a given number of acres; stipulate when payments must be made; make some provision as to what the tenant shall do to keep the place in repair; what the landlord shall do in furnishing any necessities for keeping the farm in good shape; hauling out manure, etc. If the landlord is dishonest he has nothing to say as long as the tenant farms the place in a farm-like manner and pays his rent notes when due and takes care of buildings, etc.

On the other hand, if the tenant is dishonest there are stipulations and articles in contract that the landlord can enforce to compel him to do the right thing. For these reasons we think cash rent is the most satisfactory. There is less chance for litigation, and only one boss. There is no other way that you could rent land and have as little to do with one another as on the cash basis, for you are generally many miles apart, and the farther the better.

The sentence in Mr. Rhinehart's article, "I would emphasize the importance of the landlord assuming control in case of difficulty," etc., is where the difficulty would commence, and on this point I refused to take a large stock farm from a man on equal shares because he said he would have entire control of the business part, do all the buying and selling and I do all the work and have nothing to say as to time to sell or buy, etc. He was a lawyer and lived in town, and no doubt had better business ability than I did, but I thought I knew as much about buying and selling as he did.

Now, if the landlord that Mr. Rhinehart speaks about wants to keep his stock and rent his farm he had better hire a man to run his place for him at a monthly cash wage or take some man

that has good business ability, honest and some stock and money of his own and let him farm it as Mr. Rhinehart suggests. As stated above, there is no fixed rule to go by. An honest landlord might get a dishonest tenant; a dishonest landlord might get an honest tenant, but if your articles of agreement are drawn right there is less chance for litigation and hard feelings on the cash rent plan than any other that I can think of.

U. S. Cornwell,  
Washington County, Neb.

I was very much interested in the articles written by Mr. Allen and Mr. Rhinehart regarding renting lands. I am a tenant and live in southwestern Iowa, Page county, one of the best sections in all the world for diversified farming. I have always lived on the farm except the time I spent in college. For the past seven years I have been renting land and farming for myself, paying cash rent, which is about the only way one can rent in this section from \$4 to \$10 per acre.

For seven years I have lived on this same farm of good land and myself and landlord have never had a word of discord. Last year the landlord sold the farm for \$100 per acre, so I had to look around for another place. However, before I had looked very much and to avoid moving I rented the same farm again from the other landlord, giving \$1,050 cash and was to plant seventy-five acres of corn and sow six acres of spring wheat. This was all the crop I was to have except five acres of potatoes. With this high rent I have made a little money. No one will doubt that I paid too much rent, but I had bought wire and fenced the place mostly hog-tight at my own expense and I am raising thoroughbred hogs and had a nice lot of last fall pigs coming on, so in view of all this I took the place at \$1,050.

The landlord was to furnish all material, staples and nails to keep up the place and I was to do the work free. However, he has not furnished a nail and about three pounds of staples is the sum total. I have needed much more but I could not get him to do a thing this fall, so I would not rent from him at any price next year.

I will give a full list of money taken in for various products which I sold from the farm, and I have enough left to run me next year:

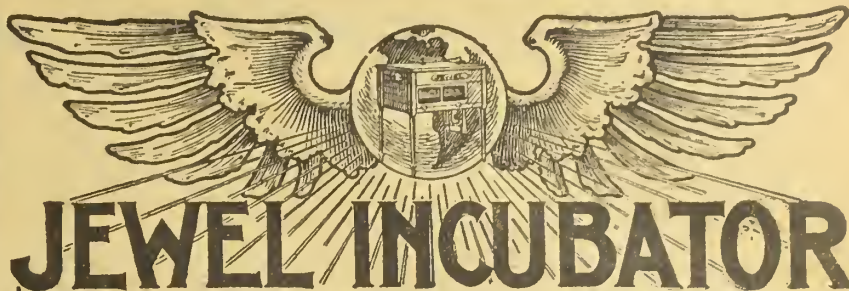
8,000 bu. corn at 30 cents.....	\$ 900
(1,000 bu. left)	
500 bu. corn at 32 cents.....	160
78 head of hogs.....	1,200
(75 head left)	
Horses and colts.....	425
(5 head left)	
400 bu. potatoes at 60 cents.....	240
(75 bu. left)	
6 head of cattle.....	180
Total.....	\$2,005

Expenses for hired help.....	\$ 175
Bought 200 bu. corn.....	90
Rent of farm.....	1,050
Total.....	\$1,225

This left me \$780 for my own labor, which I consider very good. However, everything was favorable this year and next year paying the same rent might ruin a fellow. It has always appealed to me that a renter who can take charge of 160 acres and run it successfully for six or seven years could take a larger farm on shares and make money for both parties. I believe if a man has great interest in what he does, is a good worker, knows how to prepare a seed bed for various crops and plants good seed that he will make money whether he rents for cash or on the share basis.

A Renter.  
Page County, Iowa.

I have been a reader of your paper for a number of years and have often been tempted to write on the land renting question, and now that it is up for discussion I shall avail myself of this opportunity to say a few words. I have read very carefully the two articles from the pens of Mr. Rhinehart and Mr. Allen and have great respect for their ideas. However, I think Mr. Allen has too many irons in the fire to go in on the partnership plan at all, as he says he

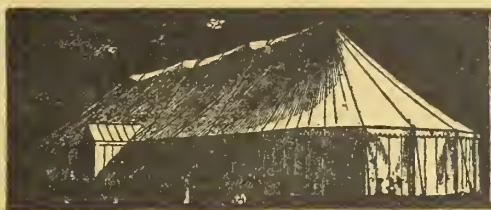


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has the care and management of seventy farms and that many renters. He says that it is almost impossible to find a man as capable of running a large farm as the landlord himself. It all depends on how much the landlord knows about farming.

I am a renter but not on the partnership plan, and my landlord knows nothing about farming. He has his money invested in land just to keep it. There are a great many farms owned by men who don't know the first thing about farming. The general rule here in regard to partnership farming is, first, the landlord furnishes the farm free of all rents, with the truck patch, chickens, milk and butter for home use; the tenant performs all labor connected with the farm, and each party owns half the stock of all kinds. The proceeds of the farm are equally divided.

Mr. Allen has his tenants furnish the horse power and they must be all mares, each mare to raise a colt and he pays half the service fee and gets a half interest in the colts. That is as bad as Mr. Rhinehart wanting pay for half of his pasture. Besides, you are wanting to eat your pie and keep it, too. You cannot expect mares to perform all kinds of heavy farm work and raise good colts. The farm tools are now most all riding and it takes a little more power. I don't like to see a good mare worked down to skin and bones and the colt a little worse. If you want good colts take care of your mares. I am a great lover of the mule as a beast of burden, but I guess I am getting away from my subject a little.

It is true in renting on the half and half basis that the tenant has a chance to beat the landlord if he has nothing to start with, but my observation has been that these are the kind of men wanted. Then the landlord owns most everything and can close out the deal any time. Mr. Allen is very fair in renting for grain rent; that is the prevailing rent here—two-fifths of all grain delivered to market and cash for meadow and pasture of course. There are a great many who rent for cash, high at that, take everything off and put nothing back, but it seems to me there could be no better paying proposition than the half and half plan, keeping enough stock to eat all the grain and return the manure to the land. I am not looking for a farm of 400 acres with only 100 acres of farm land and seventy-five cows to milk; that is just sixty more than I am used to, and it would make anyone rheumatic to milk that many.

Hamilton county, Ia. Subscriber.

The reading of the article of B. F. Allen on the renting problem set me to thinking over the past, and I will try and give your readers a bit of our experience. In 1878 a dry goods merchant, with plenty of money and a human heart, traded for an 800-acre farm in Keokuk county, Iowa. What to do with this farm was a mystery, though



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there was a man with two boys, three girls and the best companion in the world who had a 120-acre farm not all paid for living near, and he told this merchant that if he had known of his large farm he would have rented it. The merchant was anxious to rent to the man and suggested they go and look at the place, which they did. It was run down and in very bad shape. The man did not want to rent it and said he



would not farm the place if he got all he raised, but suggested that the owner make a stock farm of it. Well, he rented the place, standing the expense of moving the tenant on the farm, paid for all the work done outside of the crop, and loaned him money to start with. The renter had good teams and he got two-thirds of the crop, one-half of the stock and fed his own teams and furnished everything. This did not suit either party so they made a sale and sold everything except the renter's teams.

Then they went in on equal shares, each one paying the same in buying and an equal division was made of all the sales. The renter fed his teams out of the feed. They raised all they could and bought a good deal. The outlay and profit were divided equally. The owner paid for all new improvements, and for hauling out the manure; the renter kept up the farm and in three years had 500 acres in grass and fifteen miles or the best of fencing, two good barns, house and outbuildings. The renter kept all the poultry he wanted, had all the milk and all the ground they wished for a truck patch. Each one paid his own taxes. There were 200 acres not broken and the owner paid the renter for putting it in fall grain, harvesting and thrashing. There were no binders then and the work had to be done by hand. There were about 3,000 bushels at \$1 per bushel and the ground in shape for crops.

This will show what doing right will do. At the end of seven and one-half years the owner sold the farm at a good price. The last sale they had amounted to over \$5,000. The renter had \$6,000 and a lot of good horses and the ground that had the small corn stalks on. Each tried to do right by the other.

E. C. Webb.

Mahaska county, Iowa.

#### ECHOES FROM A KANSAS FARM.

The best thing about the change of the year was this, the pure food law went into effect on January 1st.

The Kansas wheat grower, who has several hundred bushels in his granary, does not believe that discovering that rubber can be made of wheat will bring the price up with a bound.

To much prosperity is as bad as not enough. Taking the majority into consideration, there is no more contentment now than twenty years ago. As far as being satisfied is concerned, we as a people, are as nearly well satisfied now as we ever will be. There will always be something to kick about, because there will always be about so many kickers.

Most of the co-operative societies, in fact practically all, are founded for money making purposes, and those who found them expect to make the money. The cloth they wear is the garb of the farmer, and they talk long and loud of "love" for the farmer; underneath is their scheme to make "easy" money, and their "love" quickly turns to gall when the farmers refuse to "join the great movement."

Something was said in this column a short time ago about cement tanks. Since then we have had letters from several who have used tanks made of cement and concrete. All claim they are all right in every way. One has such a tank he has used for the past three years. Excepting to say that it has given entire satisfaction, he adds that it should be made just where wanted, as it is too heavy to move easily. We imagine it would take a team of horses to pull one from place to place.

Perhaps, as some say, paint adds nothing to the lasting qualities of a building, but it certainly adds enough to the appearance to make it pay. The trouble is to find the time to do the work. It can be hired done, of course, but a great many of the self-styled painters can do no better work than a farmer can, himself.

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and charge professional wages. A neighbor paid \$60 for getting his house painted. It looks no better than other houses painted by their owners, at a cost of doing the work at odd times.

It is indeed surprising how the trade of the country is going to the mail order houses. While at our station the other day, when the local freight came in, four-fifths of the freight bills were for goods billed direct to the farmers. All sorts of goods were in the cars, sewing machines, groceries, small tools, boxed goods and stuff in bales. Most all were billed to our best farmers and business men, men who know enough to know when they are cheated and when they are not, and not, as a local paper says, to men who don't know enough to know when they are cheated.

In later years the poultry seems to have been onto the strike racket. Anyway, they all stop laying about the same time, and it is easy to tell when this time is by the advance in egg prices. It is also easy to tell when Biddy is getting back to work again, as the price of eggs commence to go downward. Just now our hens show signs of commencing to break the strike, but a spell of winter will shut them off. Everyone has told the same story for the past two months—only three or four eggs a day from 100 to 150 hens.

A good many of the nice orchards now

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Wis. & Mich. rats	22c	17c	15c
Minn. & Dak. rats	20c	15c	11c

Will also pay you highest cash price for all other furs and hides. Honest Grading! Fair Treatment! Ship us all you can.

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#### IN THE GREAT SOUTHWEST.

Report comes from Platte county, Kan., that there has not been a single ear for grain shipment obtainable for thirty days, and the outlook is that there will not be for thirty days more. In one town the three elevators are bulging with grain and the corn is now piled in long rows along the railroad track. The matter has been called to the attention of the interstate commerce commission.

An exceedingly successful series of conventions was held at the agricultural college, Manhattan, Kan., last week. A new association was organized known as the Kansas Draft Horse Breeders' Association. The principal live stock associations of the state held their meetings and all were well attended. In the corn contest some of the prize corn sold

## STEREOSCOPES



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Emporia, Kan., to San Angelo, Texas, a distance of 711 miles. The meeting resulted in a subscription being taken to the value of \$370,000.

Mr. Jas. F. Getty, state senator from Wyandotte county, Kan., is now at work on a bill to amend the state grain inspection law. If his bill becomes a law it will change the classification of public elevators so that the classification will stand the tests in the courts.

The biennial report of the Oklahoma superintendent of education has recently been filed with Governor Frantz. It shows that there are 3,687 teachers employed, at an average salary of \$54 and \$46.88, respectively, for men and women in first grade; second grade, men \$42.80, women \$39.48; third grade, men \$38.15 and women \$35.14. There were 137 schools built during the year at a cost of \$150,000.

The attendance at the short course for farmers at the Kansas Agricultural College has been unusually large. Over 1,000 stockmen and farmers gathered in enthusiastic meetings.

Appropriations were made for state fairs on a different basis. Last year they duplicated amounts given by state fairs on Short-horns, from \$500 to \$1,000, half in the open and half in the state competition. This year the plan is to eliminate duplication on state exhibits. They will duplicate the first \$500 won by Short-horns and from \$500 to \$1,000 will give 50 per cent, all in the open classes.

The state fair appropriations are made conditional upon associations adopting for Short-horn classes the classifications furnished by the American Short-horn Breeders' Association, which are to be practically uniform.

It was practically decided to change the form of the entries in the herd books after volume seventy, abbreviating pedigrees enough to get a good many more entries on a page than at present.

#### Osage Hedge Posts.

To the Editor of The Homestead:

Will some reader of this paper please give his experience in raising osage hedge posts? The fence post question is one of vital importance to Illinois farmers, especially since the native timber is almost exhausted and since farm labor has become so high as to make it unprofitable to be resetting posts every few years.

The osage is the best lasting post and, barring its tendency to check when staples are used, has no bad quality worth considering. I have a piece of virgin bottom soil partly surrounded by a creek, which should make an ideal location for a grove. Now, how shall I proceed? Are there different varieties of osage? Where can I obtain plants? How many plants are required per acre, how close should the rows be, etc.?

Fulton county, Ill. B. S. Diehl.

The Homestead and The Homemaker \$1.25 per year.



Helen's Tip Top Notcher, one of the principal herd boars in use in the Maple Grove herd of Duroc Jerseys owned by Messrs. McNeil Bros., of Bowen, Ill. This boar was third-prize pig at the Illinois State Fair, 1906, and many favored him for a higher place. He comes from royal ancestry, his sire being Tip Top Notcher, and his dam Helen Blazes, the dam of the highest-priced sow ever sold at public auction up to the time she was sold, and the highest-priced litter ever sold at auction. Helen's Tip Top Notcher is the highest-priced boar ever sold at public auction, having brought \$1,000 in the record-breaking fall sale of Messrs. Fagan, Browning & McCabe. Several of the females in Messrs. McNeil Bros.' herd are bred to this boar. See advertisement on page 28 and field notes elsewhere in this issue.

here would not have existed had it not been for the traveling fruit tree agent, yet, whenever a man wishes fruit trees it is better to either go in person or send direct to some good nursery. The trouble with ordering through an agent is, he delivers all in a bunch, and usually so late in the spring that the tree-planting time has almost passed. We do not understand why all nurseries are so late with their spring deliveries. Even when the agent tells you they will deliver at such a time, they are always too late for best results.

Sometimes ridging corn is the thing, and sometimes it isn't. A neighbor tells of another neighbor coming into his field to show off the working of a disk cultivator just bought. It was when corn was being laid by, and the disk was set to ridge the row up high. Four rows were ridged, and, when husking these rows, our neighbor tells us the corn was noticeably better than where not ridged, alongside. Just what is best depends altogether on the season, and we cannot tell much about the season until it's all over. Sometimes farming is guess work.

as high as \$16 for ten ears. Mr. W. R. Hildreth won first prize and sweepstakes on yellow corn.

A wreck on the Chicago, Rock Island & Pacific near Volland, Kan., resulted in the death of thirty persons and the injury of fifty-five. Most of the dead were Mexican laborers. The blame for the accident is placed on a nineteen-year-old telegraph operator who failed to carry out the dispatcher's orders.

Work was begun on the construction of the Kansas City, Excelsior Springs & St. Joseph Electric Railway Company's bridge across the Missouri river at Kansas City, Mo. The bridge will cost nearly \$2,000,000.

Four hundred and fifty business men of Kansas City and tributary territory banqueted at the Midland Hotel last week in response to an invitation sent by Mr. A. E. Stillwell, president of the Kansas City, Mexico & Orient railroad. Following the banquet the progress and condition of this road was discussed by Mr. Stillwell and others. He told his guests that one and one-half million dollars were needed to complete the road from

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### How to Operate an Incubator.

The person who runs an incubator must be clean and careful; he must be at home with his machine at the same hour every morning and the same hour every evening; he must learn the peculiarities of his incubator and carefully follow instructions. For such a person the operation of the ordinary hatching machine will be simple and easy enough. With each shipment the manufacturer sends out a book or card of directions. Read this carefully before attempting to set up the machine. Put the parts together in exact accordance with these directions. Count the parts and inspect them carefully; then put them together; see that the machine stands level; that the doors open and shut easily; that the regulator is in working order.

About this time comes the question, Where shall we set this machine? This matter of location is very important. It has much to do with success in hatching. First, it must have some permanency. It must be placed where it will not be disturbed, away from jars and vibrations, out of all drafts or where the breeze cannot strike it, and where the opening and closing of doors and windows will not affect it. The room occupied must be large enough and have a level floor. One needs room to work about an incubator. It should have a clear space around it, especially in front, and at the lamp end of the machine there should be plenty of room. The apartment should not be damp or dark. A clean, dry, light cellar is excellent for this purpose. Any dry, clean room will do, but, as before stated, drafts or currents of air over or around the machine are very detrimental. There should be no stove or other source of artificial heat in the room occupied by an incubator. The entire room should be clean and free from dust.

Common sense and circumstances will dictate the location of the machine but the above suggestions will be found worth considering. One thing is certain, if the incubator is not afforded proper quarters it can hardly be expected to give good results. The room decided upon, the machine set up, its parts adjusted, and its level taken, it is now in order to clean, trim and fill the lamp. The wick should be dry-trimmed with a pair of sharp shears before it is inserted in the burner. Then after being passed up and down the tube a few times it should be trimmed again and its corners slightly nicked or rounded. Now is the time to prove whether the burner is in perfect order and that the wick works freely and easily. The wick should now be moistened in kerosene and drawn back to its proper position for lighting. All dust and moisture should be wiped from the burner. Especially important is it that the start be made with a clean tube and sieve. The lamp should be filled within one-fourth of an inch of the top, and then after the burner is attached to the lamp the whole should be cleaned with a dry, clean cloth. The chimney also should be carefully cleaned with a dry cloth. It should be free from dirt, dust or grease. If the chimney is not kept perfectly clean the lamp will smoke, and a smoky lamp means a poor hatch. Dry cleaning cloths should be set apart for this purpose. All these details looked after, the lamp can be lighted and placed in position if the machine is a hot-air machine; but if it is a hot-water machine the lamp must not be lighted until the tank is filled with water in accordance with the instructions that accompany the machine. Study the structure of your lamp and exercise great care in putting it together as well as cleaning and filling it the first time. Familiarity gained and habits formed will be of value to the operator in the future management. Accuracy and thoroughness are important.—(Department of Agriculture Bulletin.)

### ADDITIONAL FIELD NOTES.

#### McGAVOCK'S HEREFORD AUCTION AT SOUTH OMAHA.

The three-days' auction to be held by Sale Manager McGavock closes at South Omaha on Saturday, January 19th, with a choice offering of Herefords. Mr. N. J. Hiltabrand, of Lostant, Ill., consigns a very thick-fleshed uniform offering. The four-year-old cow Imp. English Lady was got by the noted sire, John Bull, a bull that combines the blood

of Anxiety, Lord Wilton and The Grove 3d. She affords a splendid opportunity to secure one of the best representatives of English herds. The American-bred females of Mr. Hiltabrand's consignment are sired by Actor, a son of Anxiety 3d; Phil Armour, and his son, Climax; Sailor, a son of Acrobat; Chester, a son of Imp. Chesterfield, and Albany, one of the highest-priced and most celebrated prize-winners imported to America. The young bull, Beau Albany was got by Beau Donald 23d, a son of the famous Beau Donald, and was out of a cow by the famous Albany. He is recommended as a herd header, and the four-year-old stock bull, Climax, by Phil Armour, Mr. Hiltabrand also catalogs. The females of the offering have calves at foot by Climax and are bred to Beau Perfect 231323. Mr. H. K. Philson, Harlan, Iowa, consigns five cows and heifers and two bulls. They are sired by Gentry Briton 17th, a grandson of Imp. Ancient Briton; Gentry Wilton 11th, a grandson of Peerless Wilton; Dick, a grandson of Imp. Weston Stamp; Kruger, a son of Imp. Improver, and Captain Ray, a grandson of Corrector. Mr. Hugh Whiteford, of Guilford, Mo., consigns some good entries that were bred by Mr. N. Kirtley, of Savannah, Mo., and represent the blood of the Anxieties, Archbalds and The Grove 3d. Mr. W. J. Pellet, of Atlantic, Iowa, consigns a cow that is by Grove Royal, a bull that has the distinction of being a grandson of the two noted sons of The Grove 3d, Imp. Cassio and Imp. Hesiod. Catalog can be obtained by addressing Mr. W. C. McGavock, Springfield, Ill.

#### LAST CALL FOR THE OLSEN DUROC SALE.

It is with this issue that we make the last mention of the bred sow sale to be held at Colon, Neb., January 18th, by Mr. C. E. Olsen. On this date at his farm, two and one-half miles east of town, Mr. Olsen will offer what he considers the best lot of brood sows he has ever put up at public auction. He is selecting only the very tops of his herd to put into this offering and his intention is to make it the best, individually, of any previous offering he has ever made. The consignment includes five aged sows, ten good yearlings and twenty-five spring gilts, the tops of this year's large crop of pigs. The aged sows are all tried and proven breeders and are some of Mr. Olsen's choicest breeding stock. Most of the yearling sows and gilts are daughters of Governor, a son of Crimson Wonder and Gold Dust Jim II. by Gold Dust Jim, also Crown Prince by Duroc Challenger. Look over the breeding of these sires and you will find that it is of the most noted prize-winning strains. Many of these sows will be bred to Colon's Model, a son of Van's Perfection, one of the greatest prize-winning boars of the breed, having been fitted and shown three years in succession and came away with the ribbons each time. Several of the sows will be bred to Improver III., a son of the great Improver II. that won first and sweepstakes at three state fairs in one fall. When we carefully look over the breeding of these sows and also the boars they are bred to, we find a great many of the most noted prize-winning sires are very prominent in the pedigrees, and we consider it a good place to pick up some good, useful stuff. Colon is on the branch of the Northwestern between Lincoln and Fremont and can be easily reached from either way on day of sale. Preparations will be made at Colon to entertain those coming from the Hammer sale on the 17th, so you can practically attend all three sales at one expense. Catalogs are now ready and will be mailed to anyone for the asking. Mail bids may be sent to Col. T. C. Callahan or to Mr. Ray Page, representing The Homestead, and they will be properly cared for.

#### LAST CALL FOR THE HAMMER DUROC SALE.

We wish to call the attention of our many readers for the last time to the Duroc Jersey bred sow sale to be held by Mr. John Hammer, January 17th, at his farm near Ashland, Neb. He is offering a very choice lot of sows, among them being daughters of the great Ohio Chief. Much has been said in the past two years about the progress Mr. Hammer has made in the Duroc Jersey business and much more will have to be said in the future if the public is kept posted as the progress is made. Few breeders from as small a beginning have made as rapid strides as has Mr. Hammer in the breeding of Duroc Jersey hogs. Hard, persistent work, along with the knowledge of what constitutes a good animal, have won out for Mr. Hammer. His herd represents the best blood lines known to the breed and the sows in the offering are extra good. They are a very growthy, big-boned, broad-backed lot of sows, right in their prime, and it would be hard to find a more useful-looking lot of sows than are in this offering. The aged and yearling sows, of which there will be in the neighborhood of fifteen, are bred to Happy Hollow Chief 46277, a son of Crimson Wonder that was considered by those who looked him over one of the most promising young hogs shown at the state fair last fall. He has proven a good breeder, as you will see when you look over his get on sale day. Mr. Hammer is also using a son of Ohio Chief that is a very promising-looking hog, and one from which much may be expected if properly developed. Top Notch 52725, a grandson of Tip Top Notcher, is being used to some advantage in this herd and we consider the combination of blood lines that Mr. Hammer is putting into his herd are extra good. Catalogs are now ready and can be had by addressing Mr. John Hammer, of Greenwood, Neb. Parties wishing to attend sale will find free hotel accommodations at leading hotels in Ashland and Greenwood, Neb., and free conveyance to and from the farm. Write for catalog and arrange to attend the sale. Mail bids may be sent to the auctioneer, Col. T. C. Callahan, or Mr. Ray Page, representing The Homestead, in care of Mr. Hammer.

#### CUTLER'S DUROC SALE.

Mr. N. B. Cutler, of Carthage, Ill., proprietor of the Bonny Mede herd of Duroc Jerseys, has selected thirty-five head of richly-bred sows from his good herd for

### OUR RED LETTER

# Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

**FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.**

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

**THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.**

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date ..... 190..

Homestead Company, Des Moines, Iowa:

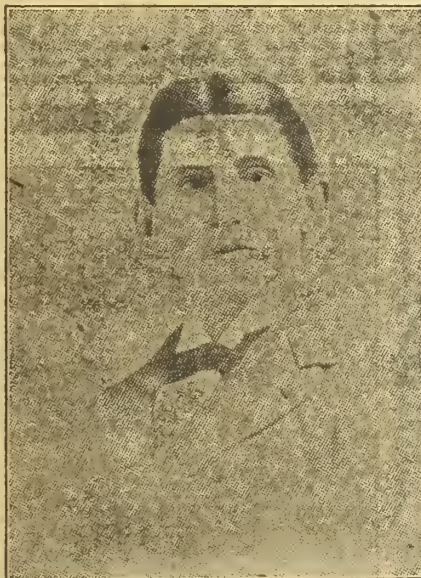
Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name .....

Postoffice .....

Rural Route ..... State .....

his annual brood sow sale which will be held on Friday, January 25th. Mr. Cutler has been a prominent and successful showman at the leading state fairs throughout the country, and his recent winnings at the 1906 Illinois State Fair are still fresh in the minds of our readers. Mr. Cutler has selected eighteen aged sows and yearlings and seventeen good gilts from his herd for this occasion. They are bred to such noted boars as Wonder Boy, first-prize boar pig at the Illinois State Fair, 1906, and headed



first-prize litter at the same show, and to Peter the Great, a son of the noted show and breeding boar, Big I Am. The offering is the best ever made from this herd and breeders will not be disappointed on sale day. Further particulars regarding this good offering will appear in these columns next week. In the meantime write for catalog as per the announcement on page 31 of this issue.

#### THE RED OAK SHORT-HORN SALE.

On January 21st, at Red Oak, Iowa, will be held a combination Short-horn sale under the management of Mr. Jno. M. Bixler, of Corning, Iowa. Those contributing cattle to the sale are Messrs. Jno. M. Bixler, S. A. Bixler, C. E. Shoemaker, Geo. Mahr and Hardin Bros., all of Corning, Iowa, and G. A. Robinson and O. L. Luklighter, of Pres-

cott, Iowa. They are offering forty head, among which are about sixteen young bulls. These cattle will be used at the short course meeting at Red Oak, Iowa, the week preceding the sale. Mr. John Bixler will sell nine head. He will offer three young bulls, one of which is a straight Scotch bull, and all of them will be sired by his well-known breeding bull, Diamond Rex, a son of Imp Cock Robin. He will sell a six-year-old Scotch cow with heifer calf at foot by Diamond Rex, and she is a good proposition to go into any herd. This cow is the dam of the heifer that sold to Messrs. Andrews Bros., of Melbourn, Iowa, and she in turn is the dam of the bull calf that they were offered \$1,000 for. He also puts in a good Scotch heifer and several good Scotch-topped females. The three bulls that he sells are good, especially the Scotch bull. He also sells a spotted bull that would make a great steer bull. Mr. S. A. Bixler sells four head one of which is Lady Stamford 3d, a daughter of Diamond Rex, and she is one of the best heifer propositions in the sale. She is a nice roan in color, a most excellent individual and she is good enough to go into any herd. Mr. C. E. Shoemaker will sell three yearling bulls. One of these is a son of Imp. Bapton Admiral and out of Cinderella by the show bull, Banker's Victor. This is a straight Scotch bull of the Cruickshank Secret family. Royal Sharon is a splendid young red bull. His sire was The Professor, a Scotch bull used at the head of one of Kentucky's best herds, and his dam is a daughter of the Agricultural College bull, Scotland's Crown. This young bull is very good in his lines and was a winner of first prize at both the Corning and the Massena fairs last fall. Mr. Shoemaker also sells a yearling son of the Scotch bull, Double Lavender, and he is a good young bull. Messrs. Hardin Bros., of Corning, Iowa, will sell three young bulls and one three-year-old cow. She will be bred to Colonel Dalmeny, a pure Scotch bull. One of the bulls will be sired by Good Enough, a straight Nonpareil bull, and the others are sired by Newton, a son of the noted sire, Hillsdale Commander. Mr. G. A. Robinson, of Prescott, Iowa, sells seven head, five of which are cows and heifers and two bulls. The heifers are sired by Riverside Victoria Prince 2d, a Victoria-bred bull. He sells one yearling and one two-year-old bull, both sired by Baron Knight, a half brother to the Norton-bred show bull, Baron Victor. Mr. O. L. Luklighter, of Prescott, Iowa, has drawn on some of the good things in his herd for this sale and he sells four head. Mr. George Mahr will sell eight head, all of which are females. These are all sired by Norton-bred bulls and are safe in calf to his present Scotch bull. There are a number of good Scotch cattle in the sale and these are fit to be purchased by the best breeders we have. The plainer-bred cattle are almost without an exception sired by Scotch bulls, and some have several of the very best crosses on top. They are a splendid lot of individuals and the man who wants Short-horns will not make a mistake in attending this sale. The bulls are a sappy lot and anyone who wants a bull will find them in this sale. Write Mr. Jno. M. Bixler, Corning, Iowa, for catalog, and please mention The Homestead.

You cannot be well unless your stomach and bowels are right.

The thing to right them is

At your druggist's.

# Jayne's Sanative Pills



## ADVERTISING NOTES.

A thoroughly practical farmer, capable of taking care of a 5-10-acre stock and grain farm, is offered a good position in an advertisement on page 8 of this issue, the address of which is Box 302, Marshalltown, Iowa. For a good, industrious, reliable and sober man this will be a lasting position if he fills the requirements.

One of the greatest problems which continually confronts railways employing officials is how to secure a sufficient number of competent men to handle their ever increasing business. On account of the unusually heavy business just at this time as well as on account of the many miles of new road just now being completed, this problem is more difficult of solution now than ever before. Some time ago the National Railway Training Association, which is directed by railway officials, was organized to prepare men for the positions of firemen and brakemen in order to meet the demand for men in the operating department. This association is now the largest institution of its kind in the United States, having schools in both Omaha and Kansas City, the largest railway centers of the middle West, and does a national business. Their training is thorough and their course is kept revised and up to date by a high official of one of the largest railway systems of the country who knows exactly what men have to know in order to satisfactorily perform their work. Anyone who is considering entering the railway service should consider the advantages of joining an association which has a national reputation, which is located in large railway centers, which is so intimately associated with large railway systems and whose course is kept up to date by an official who oversees the hiring of a large number of men. Never was there a better time than right now to take up this line of work, and it will pay anyone who is interested in securing a position on the railroad to write the National Railway Training Association at either Kansas City or Omaha and they will explain the opportunities and show you what they are doing and have done for a large number of young men all over the country. Ask for their free book on railroading No. 5.

## JUST THE THING FOR SPRAINS AND BRUISES.

"Evarts P. O., Medicine Valley, Alta., Canada, Feb. 3, 1904. The Lawrence-Williams Co., Cleveland, O.: I used your Gombault's Caustic Balsam on a mare that injured her hind leg so badly that she was unable to rise. I followed your directions and in three days she was on her feet again and is now as strong as ever. I think it is just the thing for sprains and bruises, as it goes direct to the spot. Chas. Leigh." Read the advertisement on page 4 of this issue.

## EXTRA! THRASHING MACHINE NEWS.

Now is a good time for thrasher men to look over their outfit and decide on what new equipment they will need for the ensuing year. Time hangs heavy now. The latest in thrashing machinery is out. A little study of what is on the market will be of decided advantage to the thrasher man when it comes time to buy. The Avery Manufacturing Company, Peoria, Ill., has something decidedly new in an undermounted thrasher engine. It is an innovation that purchasers and users of thrashing outfits have been looking forward to for some time. You can't afford to be behind the times if you are to make good returns for the coming season. Just send to this company for catalog T and kindly turn to page 6, where further announcement is made by the firm.

## GET DAVIS' PRICE.

It will pay every cow owner to write for price, also for a catalog showing the 1907 Davis Cream Separator, manufactured by the Davis Cream Separator Company, 541 North Clinton St., Chicago. Their 1907 model has been improved so that it easily gets the last drop of cream and will skim just as heavy cream as you want to secure the highest prices from creamery companies or may be adjusted to skim a medium or thin cream if desired. The 1907 Davis is the result of twenty years' thought, all worked out by the nine Davis brothers, the manufacturers. You may buy one of these machines direct from their factory at wholesale prices. If you write them today, addressing as above, mentioning The Homestead, you will receive their money-saving catalog No. 118, free postpaid.

## SAVE THE PIGS AND LAMBS.

It matters not how good care has been given the herd or flock, there is always some difficulty at farrowing and lambing time. This is the natural consequence of much of the artificial methods that are practiced in present day stock raising. Now is the time to secure a good forceps for this work. If you have one on hand it is much more likely that you will meet with less loss than if the nearest instrument of this kind was five miles away. It would be impossible to estimate the number of times you can save the cost of a good forceps, so the price, even though most reasonable, should have no consideration. This instrument, besides markers and similar tools, we would advise you to buy of the W. I. Short Manufacturing Company, of Quincy, Ill. Their advertisement appears on page 23 and we will consider it a special favor if you mention The Homestead when writing this firm for orders.

## MAKE TRAINMEN BY MAIL.

One of the latest developments of the correspondence school idea is that now prac-

## DR. QUINN'S VIGORAL TABLETS

RESTORE lost power and stop all drains. Make weak men strong. Immediate results. By mail \$1.

## DR. QUINN'S PILE SALVE

SOOTHES and heals the most obstinate cases of internal and external piles. By mail \$1.

## DR. QUINN'S RHEUMATISM TABLETS

CURE rheumatism in all its forms. Purifies the blood. By mail \$1. Write for particulars.

## DR. QUINN MEDICAL INSTITUTE,

515 Main Street, (Suite 300)

Kansas City, - Missouri.

ticed very successfully in giving technical instruction in the operation of railway trains through mail lessons. Correspondence schools have been established with such complete courses in railway training that a young man, though absolutely ignorant of railways and train operation, can fit himself easily and rapidly for positions as brakemen and firemen, with the assurance of rapid advancement. There's a world of difference between this modern system of teaching a youth, through easy mail lessons, the fundamentals of railway work, and the old-time way of learning it through hard knocks in the yards. One of the pioneers in this line is the National Railway Training School, of Minneapolis. It has fitted a vast number of young men for railway work, and its president says that the demand from the railways is greater than he can fill. The training given by this school is thorough and effective and the cost to the student is very small.

## IN THE HEART OF COLORADO.

In the heart of sunny Colorado lies perhaps some of the finest farming land in the world. It has everything to its advantage—location, climate and soil. Having a good rich soil and a smooth surface, it is perfectly adapted to tillage, especially since the discovery of Professor Campbell's system of dry farming. This system is nothing more nor less than constant cultivation which preserves a dust mulch, thus preventing evaporation. However, if irrigated land is desired some of this may be found in this region. This land is located in the vicinity of the famous potato and sugar beet growing section near Greeley, Colorado. It is right in the heart of a beautiful country. Now is the time to buy, for land ranges in price from \$7.50 to \$12.50 per acre. If you should take a notion to visit this country you will be shown the finest kind of accommodations. For map and full information regarding this country write to Mr. J. S. Grable, of Greeley, Colo. On page 19 will be found more in regard to this famous land proposition. Kindly mention The Homestead in any correspondence which you have with this firm.

## SOME GOOD TILE IDEAS.

Our readers will find some very good ideas regarding the buying of drain tile in an announcement on page 4 made by the Des Moines Brick & Tile Co., of East Des Moines, Iowa. There is no one rule on the farm that results in so much good as that of being forehanded. There is a busy season on the farm. There is also always a slack season, when a great deal of work can be done that will relieve the strenuousness of the busy season. Our moral is to buy and haul your tile now, while the roads are good. At the same time you can distribute the tile over the proposed drain and when spring comes, be ready to dig your ditch and lay your tile without delay. This tile company makes a specialty of burning their tile to the right degree of hardness. Thus they can safely be exposed to the elements. Furthermore, they will last longer in the ground, and by buying tile of a first-class firm you will avoid getting many damaged, cracked and otherwise inferior tiles. A little book is issued by this company called "Hints on Tile Drainage." They will be glad to mail this to you on request. When writing them kindly mention The Homestead.

## THE MIDLAND TWO-ROW CULTIVATOR.

There is this to say about the Midland Two-Row Cultivator, that it is used almost exclusively on the largest farm in the corn belt—the one owned by Mr. David Rankin, of Tarkio, Mo. Mr. Rankin grows thousands of acres of corn annually and finds that he affects an immense saving in labor by using the Midland cultivator. For a time there was a little feeling against this kind of cultivator, on the ground that it would tear out too much corn. However, with the scarcity of help it has become almost a necessity to use the two-row, and coincidental with this has come marked improve-

## Order Now for Future Delivery The Only Way to be Sure of Getting a Detroit Tongueless Disc Harrow When You Want It

This is to notify farmers everywhere that we are now accepting orders on our Celebrated Detroit Tongueless Disc Harrow for future delivery. And that this is the only way we guarantee to make shipment of Harrows at the time they are wanted.

The Detroit Tongueless Disc Harrow (the only original patented Tongueless Disc)

## Let Us Quote You a Special Price on the Detroit Tongueless Disc Harrow

We sell direct to the user. We'll save you all the middleman's profits.

Our Harrows are not for sale by Dealers anywhere. Be sure to remember that. No dealer can sell you a Detroit Tongueless Disc Harrow.

## We Allow 30 Days Field Test FREE

on every Harrow to prove that they are exactly as represented.

We pay all freight to your station.

Write at once for our FREE book and other valuable information.

Let us quote you a price on this Harrow.

We give extra dating on advance orders.

The Detroit TONGUELESS Disc Harrow is the most valuable improvement of the age

American Harrow Co., 1443 Hastings St., Detroit, Mich.

sold like wild fire everywhere last year—its first year on the market. So much so that we were returning orders every day, unable to supply enough machines.

Indications are that we will have even a bigger trade this year, and that we will have to refuse many orders in the rush of the season.

But—to all who send us advance orders we guarantee to make shipment at time requested, until further notice.

in an agricultural implement.

Front truck takes the weight of frame and controls movement of harrow. Double levers make easy handling.

Doing away with the Tongue does away with all side draft—all neck weight—all crowding of team in short turns. Saves horses and turns quicker on the corner. Ball bearings take the end thrust.

Other specifications and points of superiority fully explained in our free catalog.

Write us a postal to-day and get full information in regard to this wonderful new Harrow. Address

American Harrow Co., 1443 Hastings St., Detroit, Mich.

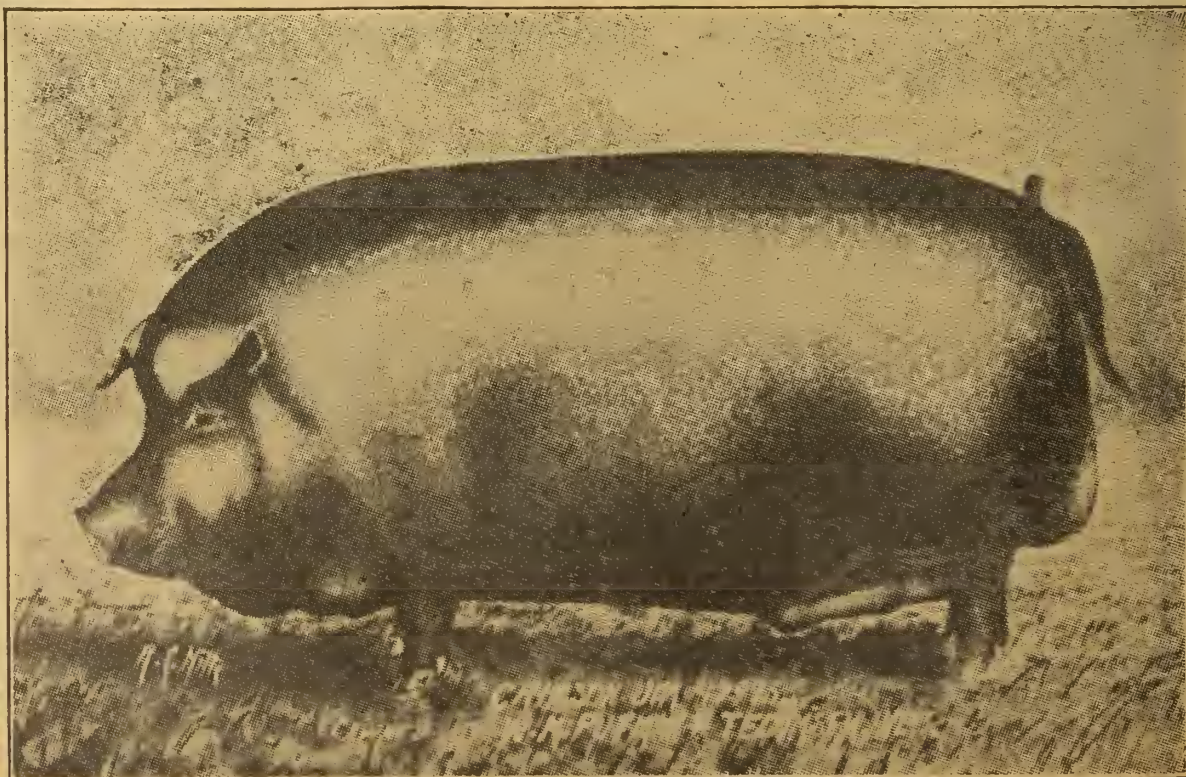


ments in construction. The Midland may be operated by an intelligent boy and with three horses he can do the work of two men and four horses. A booklet has recently been issued on this cultivator. It contains, among many others, ten articles written by experts. These articles are in themselves of great value, and we insist that our readers send for the booklet to the Midland Manufacturing Company, of Tarkio, Mo. It will only be a matter of a few years until all single-row cultivators will be left in the implement sheds or in the fence corners, their place being taken by the two-row. When that day comes you will find the Midland scattered here and there throughout the entire corn raising area of the central West. This is because of its advanced position now in the esteem of corn raisers and because of the determination on the part of the company manufacturing it to keep it to the front. We repeat again that the book on the Midland cultivator will be sent free on application. Address Midland Manufacturing Company, 102 Main St., Tarkio, Mo., and please mention The Homestead when writing.

## CONDIMENTAL STOCK FOODS.

It is probably a fact that the amount of condimental stock foods used at present is ten times as great as it was ten years ago. Where one farmer used stock food then, probably twenty did not; while today the majority of them make more or less use of the best brands. The reason for this seems easy to understand. Conditions have changed; land and feed have become higher in price, and the live stock markets are more discriminating and require a better condition of animals, so that there is not only the need for looking more carefully to a saving of the waste, but there is also the need of quicker

and better results. The stock food of real merit helps the farmer along those lines. It is not a medicine to be given to sick animals because they usually need something more powerful and positive in its effect to cure. It is intended rather as something to make the ration more palatable so that the animal may eat with a better relish and thus be able to digest its regular ration more thoroughly. Its tonic properties have the effect of toning the organs of digestion and stimulating the circulation so that the process of assimilation, the utilizing of the nutriment in the feed after it has been digested is made more nearly complete. An animal will thrive, grow or fatten better on a ration that is made palatable and "tasty" than it will on a ration equally nutritious but less palatable. The stock food manufacturer knows this—at least the good one does—and no one realizes it better than the consistent user of his product. It is in making the ration taste better rather than in making it richer, and it is in furnishing the much-needed tonic to the digestive organs rather than a medicine to cure their diseases when they are well that enables stock food to make animals thrive. A condiment tonic is what the Standard Stock Food Company, of Omaha, Neb., call their stock food, and it would seem to describe the ideal stock food well. A condiment to appeal to the taste of the animal and increase the flow of the digestive fluids so that the process of digestion may be increased, and a tonic to keep the organs of digestion toned up to their best work. They publish an interesting book on the feeding and care of stock, called the "Standard Feeder," which we have arranged to have them send to any readers of this paper who will write them giving the information called for in the advertisement found on page 15 of this issue.



The above is an exact illustration of Crimson Jim, the hog that now heads the herd of Peek & Putman, Tecumseh, Neb. Most of the best sows in their January 23d brood sow sale are bred to this great hog.



# LANDS AND HOMES FOR SALE

## A Fortune in Cuban Acres

This sounds, and is unusual, but it's a fact. A ten-acre farm in Cuba will produce more than one hundred and sixty acres in the north, because the growing season is continuous. Cuba out-classes Southern California in producing fruits and vegetables, often growing from three to five crops a year—and it's nearer eastern markets. Gen. Leonard Wood, ex-Governor General of Cuba, says: "If I were called upon at this time to designate a place where a young man of America could find the greatest opportunity, I would name the Island of Cuba."

The Turiguan Land Co. have a clear and absolute title to the finest plantation on the island. The location is particularly favorable for both rail and water transportation. They are offering small tracts of land for sale at a price which makes it easy for a man of small means to own a profitable farm in Cuba. Write for booklet, etc.

TURIGUANO LAND CO., Majestic Bldg., Chicago.

## We Have Nodaway County Farms FOR SALE.

RANGING in price from \$50 to \$100 per acre. We also have South Dakota, Kansas and Indian Territory land for sale. Can give better bargains than any firm in Northwest Missouri. Write us for list and prices.

BINGAMAN, BOLIN & JOHNSTON,  
Rooms 5 & 6 Roseberry Bldg.,  
Maryville, Missouri

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

## Virginia Farms and Homes.

FREE CATALOG of Splendid Bargains. R. B. CHAFFIN & CO., Inc., Richmond, Va.

TO EXCHANGE: Good 246-acre farm in Henry County, Mo. Well improved 300-acre farm in Mercer County, Mo. Exchange for Iowa or Dakota land, city property or merchandise. Box 151, Independence, Iowa.

### THE MARKETS.

Chicago, Jan. 5.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Dec. 29.....	139	25	13,706	1,527
Mon., Dec. 31.....	23,137	852	38,425	22,448
Tues., Jan. 1.....	3,722	1,187	20,891	9,339
Wed., Jan. 2.....	24,201	1,697	32,574	35,359
Thurs., Jan. 3.....	7,018	1,755	23,770	13,278
Fri., Jan. 4.....	2,738	491	17,008	1,963
Sat., Jan. 5.....	300	50	15,000	1,500

Total this week.....	61,116	6,032	147,668	83,887
Previous week.....	39,752	2,754	121,518	61,143
Cor. week 1906.....	46,502	3,071	152,250	70,050
Cor. week 1905.....	62,153	4,030	198,450	68,401

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Dec. 29.....	132	26	3,171	126
Mon., Dec. 31.....	6,899	46	8,949	1,510
Tues., Jan. 1.....	1,838	14	2,065	1,603
Wed., Jan. 2.....	5,526	105	5,749	1,940
Thurs., Jan. 3.....	5,078	66	5,668	2,412
Fri., Jan. 4.....	3,323	117	5,053	3,810
Sat., Jan. 5.....	500	.....	4,000	200

Total this week.....	23,164	348	31,484	11,475
Previous week.....	17,953	224	23,490	4,081
Cor. week 1906.....	19,414	298	43,513	9,082

### OTHER MARKETS.

National Stock Yards, Ill., Jan. 5.—Cattle—Receipts, 400, including 100 Texas; market nominal. Hogs—Receipts, 2,000; 5¢10¢ higher; top, \$6.60; bulk, \$6.42½@6.50. No sheep.

South St. Paul, Minn., Jan. 5.—Hogs—Receipts, 2,000; steady; light mixed, \$6.20. Cattle—Receipts light; unchanged.

Kansas City, Mo., Jan. 5.—Cattle—Receipts, 300; nominal. Hogs—Receipts, 2,500; strong to 5¢ higher; top, \$6.52½; bulk, \$6.42½@6.50. No sheep.

St. Joseph, Mo., Jan. 5.—Cattle—Receipts, 100; nominal. Hogs—Receipts, 4,700; opened 6¢ higher; closed with advance lost; top, \$6.50; bulk, \$6.00@6.45. No sheep.

South Omaha, Neb., Jan. 5.—Cattle—Receipts, 300; unchanged. Hogs—Receipts, 5,500; shade higher; top, \$6.37½; bulk, \$6.30@6.35. Sheep—Receipts, 300; steady.

Sioux City, Iowa, Jan. 5.—Hogs—Receipts, 5,200—Steady to weak; range, \$6.20@6.35; bulk, \$6.22½@6.27½. Cattle—Receipts, 300; steady.

There has been a change in dates of the live stock show and convention to be held this month at Denver, Colo. The Western Stock Show will be held January 21st to 26th, inclusive. The American National Live Stock Association will hold their annual convention January 22d to 23d, and the American Wool Growers will meet at Salt Lake City, January 17th to 19th.

There is one sentence that has lived for years on account of its tremendous incoherence. In this sentence every word, every single word, is ungrammatical. The sentence was spoken by a little girl in a sheep pasture. Looking at the flocks she said to the shepherd:

"Is them sheeps youm?"

This sentence holds the record in its class.

"Did you notice with what lofty airs that homely Miss Uppmann carried herself?"

"Yes. It was what you might call 'plain sailing'."

## 10,000 Acres of Land for Sale

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### AMONG OURSELVES.

Now that the holiday rush is over and life has become normal again it is a good idea to form plans for making the most of the winter whose evenings are full of possibilities in the way of study and social life. I hope that we shall have letters discussing social life one of these times. Today it is about study we are to hear, systematic study as pursued by Chautauquans. "A Chautauquan," friends:

I want to tell you just a little about Chautauqua work. I have been a member a year, am starting on my second year. A few of us busy housewives started a circle. There are ten of us. We meet with our leader every week, from 2 until 4 o'clock. Some of us live in town, some in the country. I live in the country, but missed only one meeting last year. I am not strong, but I do all the work for a family of six, and two of the children are boys, fourteen and sixteen years of age. This work I find such a change. It is a rest, and something to look forward to. As for study—well, it is not easy for people who have been out of school a long time and have forgotten how to memorize anything or to concentrate their mind, but we pick up a little every time and at the end of the year we are surprised to find how much it has helped. This year the course is the English one, consisting of four books: "What is Shakespeare," "English Government," "Literary Leaders of Modern England," "Rational Living" and "The Chautauquan," a monthly magazine, with a membership book. The price is \$5 for a set. We club together; two ladies pay an additional fifty cents and get two membership books and take the outfit together, making it cost us each \$2.75. I wish you could all enjoy it as we do. I did not tell what we do at our meetings. Well, we are assigned lessons in the books and once or twice a month out of the magazine. Then when we go we have roll call and answer with quotations. Then for our lessons the leader asks the questions. We answer from the book, or better still, if we can remember without reading.

We are obliged to "A Chautauquan" for talking to us about her club. It is little homely bits of personal experience with club life which tell in a circle like this. When busy home women, who have always looked upon club life as a luxury for the idle, or at least for women of few cares, hear from others who do all their own work and not only find time for a study club, but find it like oil on the home machinery—there is a chance that they will begin to wonder if it might be possible for them to taste the pleasure. Do let us have other little talks along this line. I wish that every club woman in this circle could feel that she owes it to her sister-woman to tell what club life has done for her.

Mrs. Massey is turning over in her mind a problem which has been occupying my mind latterly. I have wanted to ask the question she propounds:

Where are our book talks lately? Haven't we had time to read this summer or have we not had room for them in our department? I haven't had much time to read the last year; have read only two books, "White Wings" and "White Heather," by Black, and while they are rather hard to become interested in, yet they are worth reading for the description of Scottish scenery and some phases of Scottish life. You would all become fond of the laird in "White Wings," and admire the character of the heroine in "White Heather." I wish to recommend the "Five Little Pepper" series to those who are looking for books for the children. For good, wholesome reading for children of all ages they can hardly be surpassed.

"Where are our book talks lately?" I echo Mrs. Massey's question. It must not be supposed for a moment that we are not reading; it is only that we have not thought of writing. Next week I shall talk about a little book which has interested me lately. I hope that others will follow the example set by Mrs. Massey and myself.

Have we ever had a visitor from Utah? I think not. I labor under the impression that Hartwig Jensen is the first to greet us from Mormon land:

Have you room for a Utah woman? My home is in a small town in the Sevier valley about 200 miles south of Salt Lake City. When we went to school many years ago we were taught to call this the great Rocky Mountain Highland, and were told that its valleys are higher than tops of the Appalachian mountains. Certainly, the air here is clear and bracing, and rain is not usual. Our farms are irrigated, so are not large. From ten to fifty acres are plenty when the water supply can be regulated. Farming here, as elsewhere, is not pay, for with from three to five cuttings of alfalfa, oats and wheat to tend and thrash, sugar beets to gather, and fruit—of which we raise all kinds of berries, apples, peaches, plums, pears and prunes—we are kept from having many idle minutes. I measured a pear yes-

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**ANDERSON BROS.,** Dept. 19 Minneapolis, Minn.

terday which was 12x13 inches around and weighed over a pound. Our summers are not hot, so this is not a corn country. The nights are generally cool, and our tent houses for summer use become more plentiful every year as the fresh air finds more followers. But perhaps if you wish I may come again, so need not tell everything on my first visit.

There are numbers of things we would like to hear about Utah. We surely want Hartwig Jensen to pay us another visit.

When Cousin Hardmaster last addressed our circle he stirred up angry feelings among the women, but I do not think he should be denied the privilege of the floor for all that, so I venture to ask a hearing for him again:

At this time while so much care is bestowed on the training of a young woman's fancy, many a promising young man is permitted, for want of a word of caution, to meet his fate, deceived by the charm of a meek exterior. For example, one of my relatives married a woman who it seemed might answer to the name of Sweet Humility. None of us dreamed he would have trouble. Soon after his marriage to her, Cousin Bill, no doubt with a grunt of satisfaction, turned the key on his wife's last will and testament. By its provision he became the prospective owner of eighty acres of good corn land which had been left to her by her father. He also entered upon active duty as present owner, for the reason that he and his wife were one, and he was that one. Bill was a Hardmaster, but he ruled without opposition, and all went nicely until the trouble began over their daughter, Ann. She was a queer child; too quiet as a baby and later, never happy without a book. She used to go about her work with a strained look on her homely face, such as Joan of Arc may have worn when listening to the voices that called her from Domremy. Bill believed in children as an investment. His other children very properly hated school and set to work, eager little bundles of securities to pay their enormous indebtedness to pa. Ann's time was spent in making useless calculations on the margin of Bill's weekly newspaper and sometimes at night after he had gone to bed, he could hear her plaintive voice declaiming: "If X plus A minus A equals B minus A, X equals B minus A." Then Bill would roar in his big, hearty fashion: "Shet up thar and go to sleep." Ann's mother stood right in with her. At last, one day when Bill had been thinking it over, he came to the house, determined to put a stop to the ruin of Ann. His wife was sewing and Ann was drawing circles and bisecting angles on a piece of wrapping paper. They looked up, frightened when Bill strode into the room. He looked straight at Ann and when he spoke his words fell hard and close cropped. Bill was a plain man and had no need to wrap his meaning in verbal foliage. "Go out and carry hay and straw to the cows," he said. Ann quickly left the room and Bill was about to follow, but suddenly found himself confronted by his wife. Bill said she flew at him like a wildcat. (Any attempt on her part to maintain a separate existence was designated by Bill as flying at him like a wildcat.) Anyway, there she stood. "There is no need for Ann to carry hay and straw," she said. Then the battle was on. Of course she couldn't have done one thing with Bill, but for one move that stood her in hand, and she was wise enough to make use of it. The outcome was that Bill was made to send the girl to high school and then to college. It pinched hard, but his wife answered every roar with, "If Ann wants to carry all her eggs in one basket, I'll see that her basket is a good one, and whenever you're tired taking care of the land pa gave me, I'll stop asking you for money." So Bill had to pay to save the land for himself; eighty acres of good corn land. Now watch the result. One day, not long ago, I said to Cousin Bill: "Bill, now that girl of yours is making good money teaching high school, I suppose she'll pay you back the money you handed out for her education." "She ain't paid a cent," said Bill, "nor she won't." But there again Bill's wife is to blame.

Cousin Hardmaster is a little enig-

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matical. I wonder if we catch his point? Perhaps someone will talk about this speech of his.

Both maids and matrons are eagerly waiting for a chance to reply to the illi-



nois Bachelor who addressed us in December. Suppose we take them turn about: A maid, a matron, a maid, a matron, beginning with A-Backwoods Girl and Mrs. Als and ending with An Iowa Girl and Donna Juanita:

May I come in? I am a young stranger, but I have become so interested in the letter that I would like to say a word. You can't imagine how much I enjoy the letters and the one I enjoyed the most was by an Illinois man. It sounds just like I have always imagined a big brother would talk (one of the things I have mourned over is that I was not the lucky girl with a big brother) and I wish that there were more boys in the world like him and that more of them would write to the Home. I don't think there would be so many girls led astray if there were more like him. Oh, girls, just remember that if a boy has any respect for you he will treat you so, and if he treats you otherwise never look at him again. As Shakespeare says:

"Good name in men and women, dear my Lord,  
Is the immediate jewel of their souls;  
Who steals my purse, steals trash;  
'Tis something, nothing;  
'Twas mine, 'tis his and has been slave to thousands;  
But he that filches from me my good name  
Robs me of that which neither enriches him,  
And makes me poor indeed."

Don't think me an "old maid," for I'm not out of my teens yet.—A Backwoods Girl.

I have been a silent member of Among Ourselves, but I cannot remain so any longer. So much has been said on the subject of fallen girls, why not have a few words to wayward men? Do girls not have the same right to expect purity in man as he has in woman? I do love to see sweet, pure girls and I love to see a man admire them, providing he is worthy of them. Man expects so much; what has he to give in return for all this purity? That Illinois Bachelor, does he not think those tempted lips are just as good as those that tempted them? I think this side of the subject has just as much room for discussion as the other, for if we had more pure young men we would have fewer fallen girls. Our state penitentiary is full of men serving out a life sentence for crimes less criminal to me than that of ruining a young girl.—Mrs. Als.

Why is it we have so many articles written about "our girls who go wrong?" What about our boys? Does it never occur to our readers that for every girl who "goes wrong," some mother's son has fallen? The girl receives too much of the blame. The sin is as great in one as the other. I do not like the idea of ever laying it to their "youth and innocence." No girl who has reached the years of accountability is innocent unless mentally deficient. It is true, however, that much of our so-called innocence is ignorance. I am a young woman twenty-two years of age. Like our friend, "A Bachelor," from Illinois, I have never married because "the right one has never come around." We should be glad to hear from him again, as one who speaks from experience. I like his ideas. I believe if there were more men like him there would be a less number of "bachelor girls" among our sex. I must say, however, that I always make it a rule never to allow a young man who wants to kiss me good night to call on me.—An Iowa Girl.

I do not wish to hold the floor all the time, but I would just like to answer that manly letter written by that man from Illinois. He says, "I make it a rule never to

go with a girl who will allow me to give her a good night kiss." He is just airing that contemptible old idea that man has cuddled and mollicoddled in his heart and brain since the days of old Adam—the idea that it is right for man to be just as depraved and degraded as he can and enjoy himself until he wishes to get married, and then demand a good and true woman for his wife. Now I hope all the very nice girls in his neighborhood will give him a wide berth, and when he wishes to get married let him choose one from among those he has kissed and kissed and kissed, for by his own confession he has been weighed on the scales and found wanting. For we wives demand just as pure lips from our husbands as a husband has a right to demand from his wife. And pray, why not? In place of giving him credit for his very manly letter, to me he looks just like thirty cents.—Donna Juanita.

In introducing an Illinois Bachelor I commended him for what was commendable in his stand and kept silence regarding the remark which has been justly criticised by some of the friends. There were two reasons for doing as I did. You may discover one of them. Next week we shall hear a young Kansan tell about customs in his neighborhood.

#### HOME AND HOME MAKING.

##### LITTLE HELPS BY THE WAY.

In brief, acquit thee bravely; play the man; Look not on pleasures as they come, but go; Defer not the least virtue; life's poor span Make not an ill by trifling in thy woe. If thou do ill, the joy fades, not the pains; If well, the pain doth fade, the joy remains.—George Herbert.

I found something within me that would not be sweet and patient and kind. I did what I could to keep it down, but it was there. I besought Jesus to do something for me, and when I gave him my will he came into my heart, and took out all that would not be patient, and then he shut the door.—George Fox.

He who is content to walk, instead of run, on his allotted path through life, although he may not so rapidly attain the goal, has the advantage of not being out of breath on his arrival.—Maryatt.

#### FOR THE GIRLS.

Here are some of the things a young girl should learn to do. Many a girl who ought to be a help to her mother around home is an added care because of her careless habits. She should never slam a door, but should shut it softly after her. She should keep her own room in perfect order, and all her garments should be hung up when not in use. She should rise early and at a regular time. She should learn to bake bread and should practice making it, lest she forget. She should keep all her buttons sewed on and the buttons of her little brothers and sisters, also. "She should know where everything is and be able to find it in the dark if necessary. She should comb her hair neatly before breakfast and wear a collar to the morning meal. Never, never should she go with her shoes unbuttoned. She should never mumble her words, but should speak clearly, so that everybody could understand. She should not fidget nor move about uneasily, disturbing others. She should always say her prayers.

#### CHILDISH PRATTLE.

One day Gladys was sent to the store with her friend, Hazel, to buy three lemons. "Do you suppose you can remember them?" asked her mother. "I don't know," said Gladys. "If Hazel can remember one, I can remember two."

A little girl, while reading, came to the word "stop." She could not remember how to pronounce it, and the teacher, wishing to impress the word more forcibly upon the child's mind than by merely telling it to her, said:

"If you were walking along the road and would come to a creek which you could not cross, what would you do?"

"I'd cry," promptly responded the little one.


#### CLEAN CISTERN WATER.

A cistern may be made both frost and vermin proof. Let the beams that support the floor be bedded in the wall or shoulder of the cistern, and covered with lime or cement mortar, leaving a smooth surface all around for the first floor. Cover this with a second floor raised eight or ten inches on a frame of 2x10 joists. Pack the earth closely against this frame and let the top floor extend a few inches beyond the frame all around. To get rid of the sediment which gathers at the bottom of every cistern is easily accomplished by carrying the overflow pipe to the bottom of the cistern, thereby forming a current which disturbs the sediment and carries it into the overflow. The pump, or draw pipe, should have a fine wire strainer at the end and should rest upon a support near the bottom, at least two feet high. A piece of one-fourth-inch mesh of galvanized wire gauze bent into a pipe a foot in diameter and covered with thick flannel cloth doubled makes an excellent filter.

#### THE UBIQUITOUS POTATO.

Someone has said "the test of the clever cook is in the way she handles her potatoes." What housewives did without the potato before that omnipresent article of diet came into common use is a source of wonder to the modern housewife. "Bread, meat and potatoes," "Potatoes, bread and meat," "Meat, potatoes and bread," is the way many weary housekeepers express the menu for the three meals of the day in discouraged accents, forgetting the "infinite variety" of which these three articles in combination are capable.

A few general hints as to the proper way to cook potatoes will not be amiss. About three-fourths of the substance of a potato is water and almost the entire remainder (21 per cent) is pure starch. There is not a particle of fat in the tuber and that is why butter or cream always improves them. Each potato is a little chemical study in itself. Under the microscope it shows as




### Simpson-Eddystone Prints

These are questions to ask in making a dress: Will it hold its color? Will it wear well? Will it pay for the time spent in making?

Simpson-Eddystone Prints are standard for quality, fast color, and long wear. Some designs with a new silk finish. Ask your dealer for Simpson-Eddystone Prints. Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.





## The Rue Washer Washes.

THE Rue Washer is the only machine that forces air through the clothes. It is the only machine that employs the same scientific principle used on the old time washboard. It is made of the best quality galvanized iron; it will not dry up and fall to pieces; it will last a life time; it weighs only 50 pounds; it will not tear the clothes; it does the work, better, easier, quicker than any other machine in the market. Every machine is sold under the positive guarantee of the manufacturer. Ask your dealer for it. If he hasn't it write us. We will send it on trial. The price is only \$3 at your R. R. station.

Rue Mfg. Co., Mapleton, Minn.



### FARMERS, IT WILL PAY YOU

to use our FARMER'S FORGE OUTFIT on your farm in doing blacksmithing and repairing. We have high endorsements for the thousands of Farmer's Forges sold direct to farmers within the past ten years in every state and Canada. Our Forges have hearths 24x26 inches, 11 1/4 inch blowers, run easy, and have all the first class qualities of high-priced forges.

**WE POSITIVELY GUARANTEE** our Farmer's Forges to be as large, as durable, do as much work and equal in every way any \$10.00 forge on the market, and as represented or money refunded.

**SPECIAL WINTER OFFER** until March 31, 1907 we offer 1 Farmer's Forge complete \$3.50 or one Farmer's Forge, one anvil and vice combined, and one pair of tongs, all for \$5.25. Ten carloads on hand. Orders shipped promptly. This offer may not appear again. Write to-day. Send stamp for catalogue No. 23 and testimonials.

C. A. S. FORGE WORKS, Saranac, Mich.

a mass of little bags filled with starch grains. The little bags are made of fine skin and as the water becomes hot the starch grains swell and burst the little skin bag. When all the bags are broken the potato is done. The potatoes in the pot should be of about the same size so that all may be done at the same time, else the smaller ones will be cooked to pieces before the larger ones become soft. If large and small potatoes cannot be separated before paring, cut larger ones in halves or quarters.—Ruth Arbogast.

#### Dressmaking and Millinery—No. 551.

Sylvia Silverthorne, Muscatine, Iowa. [All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] There's a "shortage" in the wardrobe that is not equipped with one or more tasteful wrappers, as well as with a supply of house

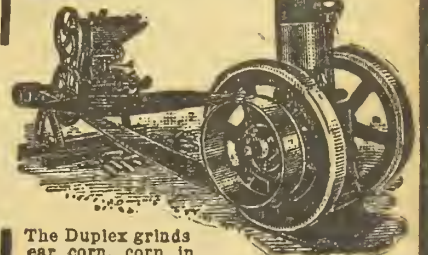


[5446—House Gown, 32 to 42 bust.]

jackets intended for home wear, whether for semi-dress or for wear when one is busy with household duties. In giving designs for these, and for the muslin garments that will be "sandwiched" from time to

### THE KELLY LINE

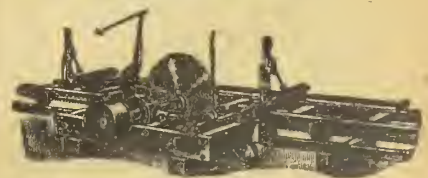
The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.  
DEPT. E, IOWA CITY, IOWA.

### American Saw Mill Machinery.



Traction and Stationary Engines, Air Cooled Gasoline Engines, Separators, Shellers, Shredders, Hay Balers

We Repair Machinery of all Kinds.

CEDAR RAPIDS MACHINERY & SUPPLY CO.,  
307-9-11 3D AVE., CEDAR RAPIDS, IOWA.

time, I choose the between-seasons time of the year, because then is when the merchants are offering such materials as will be required at greatly reduced prices. Also because they fill the interval of "rush work" on the farm, and again because our space

**Natural Asphalt**  
is the one waterproofing which successfully combats all conditions that attack a roof.

Gases, steam, alkalies, acids, rain, winds, sun, heat or cold do not impair nor destroy its waterproofing qualities.

We have used and made constant tests with asphalts for twenty-five years, and we know above all others just what natural asphalt will do.

Genasco Ready Roofing is made from asphalt from Trinidad Pitch Lake, combined with other high-grade asphalts, and has a weather-resisting quality that insures absolute protection to buildings of any construction, for years.

Genasco is just as easy to apply, and remains in perfect condition long after coal-tar and other substitutes for asphalt have cracked, crumbled or melted away.

Smooth or mineral surface; several weights.

Ask your dealer.

Write us for Book N and samples.

**THE BARBER ASPHALT PAVING COMPANY**

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**2941** Hidden Name, Friendship, Silk Prize Envelope and all other kinds of CARDS and Premium Articles. Sample Album of Planet Cards and Biggest Premium List, all for 29¢ sent stamp. OHIO CARD COMPANY, CADIZ, OHIO.



may be spared for these now that our "best dresses," coats, etc., have been given due consideration.

From among a number of wrapper designs I have selected No. 5446, and I think a glance at the illustration will tell you why. It is simple, graceful, attractive, all in one. Adapted in its outlines to the serviceable materials for every-day wear, or to



[5378—Lingerie Breakfast Jacket, 32 to 42 bust.]

the daintiest fabrics for afternoons and evenings at home. As pictured there is nothing superfluous about it, as even the flounce, being an applied one may be omitted, and yet there is room for any of the usual "adornments" if one cares to add anything in the

way of elaboration. As illustrated the gown is of ring dotted chaille, a material suited to any ordinary wear, and as said before, one may be had at this season at a figure much below its usual price. Then there are calicoes, percales, chambrays, and in the warmer materials—the fleeced fabrics, many of them printed in special wrapper designs. We are so familiar with the list I need not extend it, I think. The gown is made with fronts, backs and under-arm gores. There is a revival in favor of the Watteau effect, and this will be noted in this design. The square neck is a pretty feature, and a very popular one, but if one objects to it because it does not fit up snugly about the throat that is easily remedied by the addition of a narrow frill of the material or lace set about the edge. The elbow sleeves, too, may be lengthened without altering their shape, but in most of the house dresses both the elbow sleeves and the square or round neck are preferred to the cuff and collar finish. Pattern No. 6446 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure. Give size when ordering, as failure to do this causes delay in sending the pattern.

One of the prettiest of the breakfast jacket designs is that shown in No. 5378. Putting the name aside, such a jacket is a most convenient garment for home wear when one does not care to "bother" with the shirt waist and its belongings of collar and belt, or in other words, to be "dressed up." By noting the different designs in the illustration one may get an idea of the different developments possible with the pattern. The garment may be made up with or without the collar, and it may be made with pointed or square neck, as preferred. The lace makes the jacket somewhat elaborate for ordinary wear, and for such purpose a frill of the material or a plain finish is preferable. The sleeves are in elbow lengths and may be lengthened, either by means of the frill or by being cut longer,



Every man, woman and child may enjoy the healthiest of pastimes, shooting with the

## STEVENS

The shotguns and rifles that insure good sport. They never disappoint.

**OUR BIG CATALOG FREE**  
140 pages, dealing with single and double barrel shotguns, rifles, pistols. Send two 2-cent stamps to cover postage, and you get it right away. Ask your dealer—insist on Stevens. If you cannot obtain them, we ship direct.

J. STEVENS ARMS AND TOOL CO.,  
115 Pine Street,  
Chillicothe Falls, Mass., U. S. A.

## THE HAWKEYE Grain Grader and Cleaner



**BUILT EXPRESSLY FOR FARMERS**

It is both a grain grader and fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time.

It will clean and grade seed corn.  
It will clean and grade seed wheat.  
It will clean and grade seed oats.  
It will separate oats from wheat.  
It will separate timothy from clover.  
In short, it will do any work required of a fanning mill and grade seed grains besides.  
If your dealer does not handle it, write us for illustrated circular and prices. Manufactured by

**PARSONS HAWKEYE MFG. COMPANY,**  
NEWTON, IOWA.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

First Quarter. Lesson II. Genesis I, 26; II, 3. January 13, 1907.

#### Man Made in the Image of God.


Genesis is essentially pictorial. It is a radiant panorama. For the end intended, its scenic method could not have been surpassed. The motive of the book is to reveal the reality, personality, and power of God; to show the material universe as an expression of His mind and a creation of His will; to make plain to him, man's own constitution and his relation to nature and to God. For the purpose to be conserved the form is singularly effective. When all is said and done by way of criticism, the book will still command respect. Theories concerning authorship and inspiration may be altered or discarded, but Genesis will never lose its hold upon the universal human heart.

The most remarkable content of the book is the thought of God in the creation of man. The radiant enunciation of this is the rarest jewel in this casket of gems. It is of practical and priceless value. With dramatic vividness the Father of the world is pictured as coming to a halt in His creative work. In the last of the great and long epochs, He pauses as if to separate and give special distinction to what He is now about to do. The fact that it is the last in order indicates that it is pre-eminent and climatical. The change in the creative formula is also significant. The "let be" used seven times is now changed to "let us make"—it is the "plural of majesty."

It is as if God is solemnly announcing to Himself His intention of creating a vicar who shall visibly represent Himself upon the earth. A being is now to be made who shall be like God: One with whom he can commune at pleasure, and one who by his intelligence and will shall bring everything, animate and inanimate, to its best estate. It pleases Him to create man in a dualism; male and female creates He them. He ordains their multiplication and commissions them to "have dominion." With the solicitude of a father He indicates the kind, quality, and abundance of food prepared for them. And now for the seventh time God spreads His hands in benediction over all His works. In the seventh epoch there is cessation from creative work, and God Himself gives an object lesson and example of respite from toil.

#### Analysis and Key.

1. Genesis pictorial. Effective method: To reveal God; the world as His handiwork, and man's relation to world and God. Theories concerning Genesis discarded, while for substance book is retained.
2. God's thought in man's creation chief content.
3. Man God's vicar.
4. Benediction.



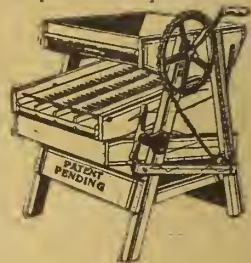
# Marlin

Why is *Marlin* Model No. 17 the best low-priced 12 gauge repeating shotgun made?  
Eliminating the take-down feature in this gun enables us to offer a 12 gauge repeating shotgun of guaranteed *Marlin* quality for less money than any other good repeating shotgun.  
The *Marlin* Model 17 is as strong and sound as the most expensive gun made. The breech-block and all moving parts are of the best *Marlin* steel drop-forgings.  
The barrel is of the best gun-barrel steel, guaranteed to pattern better than 325 pellets in a 30 in. circle at 40 yards, using 1 1/4 oz. No. 8 shot.  
Send six cents for catalogue, which explains all the *Marlin* line more fully than we have space for here.  
**The Marlin Firearms Co.,**  
135 Willow Street,  
New Haven, Conn.

as even in the latter case the shaping need not be altered. The fronts are tucked to yoke depth, but the back is plain, except for the slight fullness at the waist line when a belt is used. This feature may be used or omitted. Also the belt may cross the back and be inserted in the under-arm seams, and tied at the front, allowing the fronts to hang free. Pattern No. 5378 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure.  
Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## DO YOU RAISE CORN?

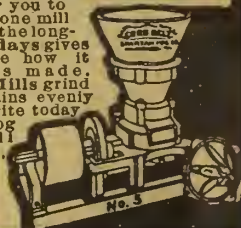
We will ship you this **Owens Seed Corn Grader and Sorter** on 30 days' free trial. It will help to increase your yield from 10% to 20%. Write at once for full description and prices.



**J. L. OWENS CO.,**  
DEPT. 6.  
Minneapolis, Minn.

## THIS MILL ON TRIAL FREE 20 DAYS

We'd like to tell you how we send our "Corn Belt" Feed Mills on 20 days trial free, and why it's the mill for you.  
You'll like better the longer you use it. 20 days gives you time to see how it works—how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep, and power mills.  
**Spartan Mfg. Co.**  
282 Chambers St.,  
Galesburg, Ill.



## THE POWERS

**Well Boring Machine**  
Bores 100 ft. in 10 hrs. Goes easily through frozen ground. A team of horses pulls it from place to place, and also furnishes power to operate. One man runs the machine alone, the auger drops through center of platform. 18 years use have proven this the lightest draft, the fastest and most economical to operate of any machine sold. Easy terms. Write for catalog.  
**LISLE MFC. CO.**  
Box 26, Clarinda, Ia.

## A MAN SAVED

BY USING A FOLDING SAWING MACHINE.



One man can saw more wood with it than two in any other way and do it easier. 9 CORDS IN 10 HOURS. Saws any wood on any ground. Saw trees down. Catalog free. First order secure agency.  
**Folding Sawing Mach. Co., 158 E. Harrison St., Chicago, Ill.**

#### 5. Exemplary respite from toil.

##### The Teacher's Lantern.

All that precedes in this story of creation is preparatory to man. Separation of light and darkness, waters above and beneath, creation of sun and moon, of life animal and vegetable, all is an orderly approach to man as the crown of all.

This is assurance of the dignity of man's station and the work of his being. It is his coronation at the hand of his Creator.

What constitutes man's likeness to God? It cannot be anything in physical nature, for God is Spirit without body. The likeness inheres in man's moral and intellectual faculties. He thinks, wills, loves. This power, not shared by any other creature, makes him to "lack little of being God."

Comradeship was in the mind of God in the making of man. God wanted company.

"Likeness and image" is simply rhetorical. It is not two different meanings, but duplication of the same meaning for emphasis.

Man's dominion over nature was never so great as at the present day. With retort, spectrum, and telescope he is wresting nature's secrets from her and subduing her forces to his use. The universe affords a limitless arena for man's skill and prowess.

We have to talk of God as if He were a man. Such is the limitation of language. So the narrative speaks of God as resting, although He can never be weary. His rest was exemplary.

#### HOW TO BUY AND KEEP TOOLS.

Years ago almost any old tool was good enough for home duty—a hatchet, a hammer and a screw-driver sometimes comprising the entire outfit. Nowadays, however, everyone sees the necessity of having a fairly complete set of tools, and economy as well as experience has taught us to get good tools.

To meet the demand of the household and to remove the risk of tool buying, the Simmons Hardware Company came to the rescue with their Keen Kutter Tool Cabinets.

These are beautifully finished oak cases fully equipped with every tool necessary or convenient for household use, each one belonging to the famous Keen Kutter brand, each one guaranteed perfect in quality, temper and efficiency. The Simmons guarantee removes all risk. If any flaw develops or any imperfection shows itself the tool will be replaced or money refunded.

This is the only tool cabinet containing a complete set of tools under one name and trademark, each of which is

guaranteed. The ideal way to buy and keep tools is in the tool cabinet, and the only safe tool cabinet to buy is the Keen Kutter.

Keen Kutter Tool Cabinets and Boxes come in all sizes, containing large and small outfits, ranging in price from \$7.50 to \$100.00.

In every cabinet are racks and hooks for each tool and drawers for materials and accessories.

Every cabinet contains in different varieties and numbers such tools as Saws, Braces, Bits, Chisels, Gimlets, Awls, Planes, Hammers, Hatchets, Files, Pliers, Screw-drivers, Wrenches, Nail-sets, Reamers, Rules, Squares, and everything that is necessary for ordinary work about the home. Keen Kutter Tool Cabinets are for sale at the leading hardware stores.

The Keen Kutter Tool Cabinet Booklet will be sent free if you drop a post card to Simmons Hardware Company, St. Louis and New York, U. S. A.



# EARLY LAMBS



Early lambs will bring big money if you save them, and get them to market at the right time. Give them a little of Dr. Hess Stock Food in the grain they eat—then, if you keep them warm and dry, there will be no losses, and they will be "fit" at the very moment when prices are best.

## DR HESS STOCK FOOD

the prescription of Dr. Hess (M. D., D. V. S.) contains bitter tonics for the digestion, iron for the blood, nitrates to expel poisonous material from the system and laxatives to regulate the bowels. These ingredients are recommended by Professors Winslow, Quitman, Finlay Dun, and the most noted medical writers in the country. It is not a food in itself, but makes all the food of the farm produce more milk, more meat and more work by increasing digestion and regulating the system generally. Sold on a written guarantee.

100 lbs. \$5.00

25 lb. pail \$1.60

Smaller quantities at a slight advance.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

If your dealer cannot supply you, we will. DR. HESS & CLARK, Ashland, Ohio. Also Manufacturers of Dr. Hess Poultry Panacea and Instant Louse Killer.

## Cancer Cured No Knife, No Pain

People I have cured of cancer prove the astonishing results of my treatment. Peter Keagan, Galesburg, Ill., writes: "It is only a question of time—I must die." Doctors said "no hope." My new method was used and to-day Mr. Keagan's cancer of the throat is healed, and he is well. I have made wonderful cures without pain, operations, sticky balms, oils or plasters. My treatment is clean and wholesome. It gives instant relief from the smarting, itching and terrible burning pain, destroys the offensive odor and has cured cases given up by the family physician and specialists. If you have cancer or have a friend who has cancer, write me to-day. Full information, proofs and advice given without charge. Address DR. RUPERT WELLS, 2165 Kadol Bldg., St. Louis, Missouri.

## Sell 10% More Hogs and Sheep BY USING OUR

**DIG FORCEP** **HOG HOLDER**

Saving pigs and lambs; any one can use it. Hog Holder holds any size (around upper jaw, hand above) with two fingers. N. R. Hog Tamer stops rooting all sizes. Ear marks and numbers all stock. Price Forcep and Holder, \$1.00; Tamer and Marker, \$1.00, or both \$1.75, guaranteed and postpaid. W. L. Short Mfg. Co. Quincy, Ill.

## "MYSTERIES OF MEXICO."

A STORY of the Lost Bullion Spanish Mine, formerly worked by the Spaniards with slave labor. This interesting booklet contains much valuable information for the investors; also tells the story of the Conquest of Mexico, and romances of lost mines. Beautifully illustrated and bound in handsome crash cover. Free. Write today.

C. L. BLACKMAN & CO.,

821 Temple Court, - Denver, Colo.

### SHEEP.

## Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

## NORTON FARM SHROPSHIRE

FOR 30 days special prices will be made on one or a carload of choice recorded ewes, bred. Also Feb. ram lambs. Wish to make room for new importation. D. M. NORTON, Sanborn, Iowa.

### SHEEP.

20 REGISTERED Shropshire ewes, \$20 to \$35 each. W. C. Frazier, Atlantic, Cass Co., Iowa

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

## OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

### CARE OF THE BREEDING EWE.

Some of the same principles apply in the care and management of the various classes of breeding stock. You may take the brood mare, the sow, or the ewe and each ought to have plenty of exercise. This is certainly one of the fundamental principles of success. The ewe that will not get out and rustle is likely being fed too much and her ration should be cut down.

We have known instances where men made a practice of hauling their fodder for the breeding ewes to a distance of a quarter of a mile from the farm buildings. This compelled the sheep to take exercise, and the good results that followed at lambing time compensated for the labor involved in hauling the fodder.

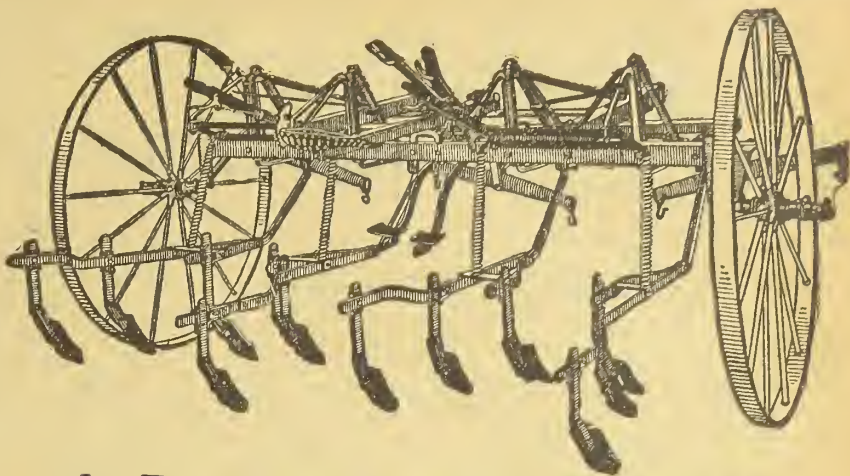
When it comes to the matter of feeding the ewe each man must utilize to the greatest possible extent the foods that are available on his farm. The danger is, however, in the central West that too much corn will be used. A ration of oats once a day through the winter, just what the ewes will clean up nicely, together with pasture and fodder, ought to bring them through in good shape. If there is a little clover hay so much the better, because it is somewhat laxative in its effect and it also is excellent because of the flesh-forming constituents which it supplies.

Nothing is worse for breeding ewes than to shut them in warm quarters. If they are under roof out of a draft and also out of snow and rain storms that is about all the protection they need. Of course their quarters should be dry, but it is a mistake to put them into a barn or shed and close the doors. All classes of animals need plenty of fresh air, but sheep especially seem to thrive on it.

### THE FEEDING TYPE.

The feeding type of sheep is discussed by Prof. John A. Craig in his book on "Stock Judging." Among other things Professor Craig says:

In considering the type of sheep which gives the best results in the feed lot, we have only to have in view the type that gives us the greatest vigor, insuring an active digestion and the most constitution, so that nothing may upset the sheep in the rapid progress desired. In this connection it will be well to report the results of an experiment made at the Wisconsin Experiment Station by the writer: Two lots of lambs were selected; the one bred by the station showing in fleece and form a high degree of merit for grade sheep. These lambs were bred from high-grade ewes and the rams had been selected at high prices for some years to make the best blend with the ewes. The lambs were very uniform as to type and they showed what might be called an unusual degree of merit for ordinary feeding lambs. To compare with these, some lambs native to northern Wisconsin showing the type common to that territory were put upon similar rations. The representatives of both these kinds of lambs, in addition to having the same kind of food, were kept under identically the same conditions, putting both lots of lambs in the feed lot at three cents a pound and taking them out at four cents at the end of the feeding period. The well-bred lambs of good feeding type after paying for the feed that they ate, at current



## A Boy and Three Horses Can do the Work of Two Men and Four Horses

When your corn needs cultivating it needs it bad and you know that you lose money every day it is left uncultivated.

It is true that with plenty of help it is no difficult matter to cultivate every acre at just the right time.

But—

When you need help the very worst way it is scarce and you know how hired help cuts into your profits.

We have just issued a book on the Midland Cultivator. Those who have seen it say it is one of the most interesting and instructive books ever issued for corn growers.

There are ten articles, each one written by an expert in his particular line. Some of the writers are: C. L. CENTER, Professor of Agriculture Illinois University, A. F. WIANCKO, of the Lafayette Experimental Station, O. E. YOUNG, Secretary Michigan Corn Improvement Ass'n and F. W. TAYLOR,

## "MIDLAND" TWO ROW CULTIVATOR

Now, if you know of a cultivator that would enable you to get on with less help you would be interested, wouldn't you?

Such a machine would pay for itself in one year.

Any young boy with three horses on a Midland Two Row Cultivator can cultivate as much corn as two men and two teams using one row cultivators.

That's the kind of cultivator you want, isn't it?

Chief of Departments of Agriculture and Horticulture, World's Fair, St. Louis

This book is FREE to every corn grower who is using one row cultivators and will write and tell us so.

Better send for a copy today. Learn more about the Midland and read the most interesting articles ever written on corn growing.

MIDLAND MFG. CO.

102 Main St.

TARKIO, MO.

prices yielded a profit of \$1.13 per head; while those representative of the poor type being indiscriminately bred only yielded a profit of sixty cents per head. The lambs of the best type ate more food, but they made more than a corresponding gain, and the chief point from each one of them was just twice as much as that from those being of inferior type.

It is just the same in sheep as it is in other classes of animals. The use of a well-bred sire means increased prepotency over the common individual, and this will tell on a crop of lambs. Not only will the well-bred lamb make better gains than the common kind, but he is worth more per pound on the market, for the reason that his carcass cuts out better.

### SALT FOR SHEEP.

Experiments conducted in France some time ago throw a little light on the value of salt for sheep. Three groups of sheep were fed the same food, but the first lot received no salt. In the second lot each sheep received half an ounce daily, and in the third lot each sheep was given an ounce of salt daily. For a given time (not specified in the results) the sheep in the second lot made a gain of four and one-half

pounds more than those that received no salt and about one and one-quarter pounds more than those that received the one ounce daily. The sheep that received salt produced one and three-quarter pounds more wool of a better quality than those that received no salt.

### A Good Farmer's Forge.

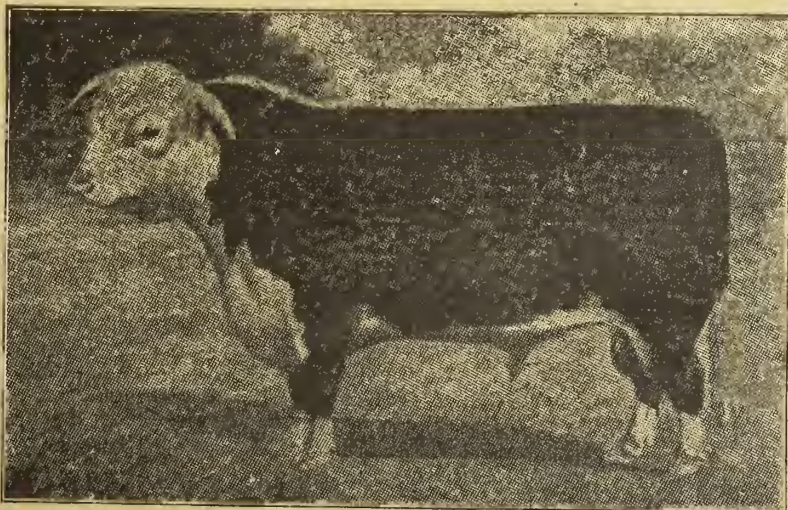
A good forge will save its cost price several times over every year on any farm. Much of the work that is ordinarily sent to the blacksmith shop can be done at home if one has a forge at hand. You then not only save what you would otherwise pay to the blacksmith, but you save the time going and coming, which is often worth more than the work itself. This is especially true in a busy season. The C. A. S. Forge Works, of Saranac, Mich., is offering a forge for \$3.50, and their advertisement will be found on page 21 of this issue. Their combination offer of forge, anvil and vice and one pair of tongs for \$5.25 is certainly a bargain. This liberal offer is only good for a short time, and our readers should take advantage of it at once. Ask the company for catalog No. 23, which will be furnished free. Address C. A. S. Forge Works, Saranac, Mich., and please mention The Homestead when writing.

### HARVEST YOUR OWN ICE CROP.

It pays immensely to harvest a crop of ice if one is located so that it can be done conveniently. With your own supply available you are entirely independent of the limited capacity of a dealer's storehouse or any tendency on his part to raise the price of ice when most needed. Then think of the advantage of having all the ice you want—whenever you want it—for dairy and creamery, the family refrigerator and the other uses of farmers, dairymen, marketmen and housewives. Ice can be had every winter in our northern climates, and it is really an easy matter to get in a crop with the well-known Dorsch double-row ice plow, made by Messrs. John Dorsch & Sons, of 216 Wells St., Milwaukee, Wis. This plow is the most practical ever constructed and does the work of twenty men with the usual hand saws. Strongly built, quick in operation and quite reasonable in cost. It cuts eight to ten inches deep—any size cake desired. Anyone can use this make of plow and it will be worth while for our readers to send to the firm mentioned for one of their free catalogs and a fund of valuable information on ice harvesting.

### A LIBERAL OFFER.

The Dr. Quinn Medical Institute, of Kansas City, is offering the well-known Dr. Quinn remedies to our readers, by mail, at the very nominal price of \$1. These are old, tried remedies and will, no doubt, do what they are recommended to do, as Dr. Quinn has cured thousands with these preparations. See the advertisement on page 18.



Sir Albany 9th 180123, a great Hereford bull. One of the great show and breeding bulls of the breed, winning first at Interstate Fair at Sioux City, second at Minnesota State Fair, 1906, as a two-year-old. Bred by C. A. Jamison, Peoria, Ill., owned by B. F. Clark, Albia, Iowa.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Jan. 11, Fairchild & Stevenson, Onawa, Iowa.  
 Jan. 12, Hood & Baker, Dunlap, Iowa.  
 Jan. 15, A. L. Bergsten, Mt. Union, Iowa.  
 Jan. 16, W. W. Wheeler, Harlan, Iowa.  
 Jan. 16, S. G. Collicott, Lake City, Iowa.  
 Jan. 17, W. H. Hudson, Lohrville, Iowa.  
 Jan. 17, McNeil Bros., Bowen, Ill.  
 Jan. 17, John Hammer, Greenwood, Neb.  
 Jan. 18, C. E. Olsen, Colon, Neb.  
 Jan. 18, E. M. Castle & Son, Joy, Ill.  
 Jan. 19, August Voge, Portsmouth, Iowa.  
 Jan. 19, Jacob Wernsman, Cedar Bluffs, Neb.  
 Jan. 21, J. E. Rowe, Stockham, Neb.  
 Jan. 21, M. A. Cromwell, Gilbert Station, Ia.  
 Jan. 21, Grant Hockett, Manning, Iowa.  
 Jan. 22, G. W. Post, York, Neb.  
 Jan. 22, Hanks & Bishop, New London, Iowa.  
 Jan. 22, Jno. Weighon, Audubon, Iowa.  
 Jan. 23, J. A. Smith, Sciota, Ill.  
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.  
 Jan. 23, Peek & Putman, Tecumseh, Neb.  
 Jan. 24, Stansell & Matern, McNabb, Ill.  
 Jan. 24, J. E. Wehr, Portsmouth, Iowa.  
 Jan. 24, Reil & Cooper, Ferris, Ill.  
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.  
 Jan. 24, Paul Groupe, Tecumseh, Neb.  
 Jan. 25, F. E. Garrett, Lohrville, Iowa.  
 Jan. 25, N. B. Cutler, Carthage, Ill.  
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.  
 Jan. 29, Grant Chaplin, Green, Kan.  
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.  
 Jan. 29, Claude Huffman, Scranton, Iowa.  
 Jan. 29, Frank Vrtisba, Pawnee City, Neb.  
 Jan. 30, S. R. Quick & Son, Gosport, Ind.  
 Jan. 30, J. O. Hunt, Maryville, Kan.  
 Jan. 30, J. C. Danner, Yale, Iowa.  
 Jan. 30, O. E. Osborn, Weston, Iowa.  
 Jan. 31, Combination Sale, Martinsville, Ind.  
 Jan. 31, C. E. Pratt, Frankfort, Kan.  
 Jan. 31, R. J. Harding, Carson, Iowa.  
 Jan. 31, Norrish & Pevington, Kingsley, Iowa.  
 Feb. 1, Clarence Beavers, Holmes, Kan.  
 Feb. 1, W. A. Rankin, Carson, Iowa.  
 Feb. 1, H. R. Bell, Lawton, Iowa.  
 Feb. 1, John Fultz, Maryville, Kan.  
 Feb. 1, Roy West, Boudurant, Iowa.  
 Feb. 1, Austin Renshaw, Blair, Neb.  
 Feb. 1, Henry Weber, Friend, Neb.  
 Feb. 1, Manley & Co., Lyons, Neb.  
 Feb. 1, Sundburg & Olson, Madrid, Iowa.  
 Feb. 1, Frank Alldritt, Friend, Neb.  
 Feb. 1, E. Z. Russell, Blair, Neb.  
 Feb. 1, W. R. Bennethum, Madrid, Iowa.  
 Feb. 1, J. H. Husman, Exeter, Neb.  
 Feb. 1, Edmonds, Shade & Co., Kingsley, Ia.  
 Feb. 1, H. S. Allen, Russell, Iowa.  
 Feb. 1, A. F. Sundell, Paton, Iowa.  
 Feb. 1, T. H. Isaac, Red Oak, Iowa.  
 Feb. 1, E. R. Wood, Jefferson, Iowa.  
 Feb. 1, O. Osborn, Maxwell, Iowa.  
 Feb. 1, W. J. Hartung, Maxwell, Iowa.  
 Feb. 1, Arch Brown, Waterloo, Neb.  
 Feb. 1, J. Stroth, Dewitt, Neb.  
 Feb. 1, S. P. Freed, Ames, Iowa.  
 Feb. 1, J. A. Teter, Remington, Ind.  
 Feb. 1, Geo. Schwab, Clay Center, Neb.  
 Feb. 1, J. M. Morrison & Son, College View, Neb.  
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.  
 Feb. 12, John M. Morrison & Sons, College View, Neb.  
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.  
 Feb. 12, A. P. Alsin, Boone, Iowa.  
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio at Cedarville, Ohio.  
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.  
 Feb. 13, J. B. Davis, Fairview, Kan.  
 Feb. 13, C. W. Huff, Mondamin, Iowa.  
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.  
 Feb. 13, Ira Jackson, Tippicanoe City, Ohio.  
 Feb. 13, T. E. Laurie, Jacksonville, Ill.  
 Feb. 13, B. C. Marts, Polk City, Iowa.  
 Feb. 13, Bill East & Son, Clay Center, Neb.  
 Feb. 13, Shotwell & Menefee, Polk City, Iowa.  
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.  
 Feb. 14, Gilbert Van Patten, Sutton, Neb.  
 Feb. 14, B. W. Hale, Ladonia, Mo.  
 Feb. 14, White Hall, Yellow Springs, Ohio.  
 Feb. 15, G. E. Everts & Son, Gray, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Maupin & Applegate, Shelby, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.  
 Feb. 16, Clark & Tryon, Wausau, Neb.  
 Feb. 16, John Lydon, Beldon, Neb.  
 Feb. 16, A. E. Poush, Charlton, Iowa.  
 Feb. 16, J. H. Habenticht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, John Black, Randolph, Neb.  
 Feb. 20, S. P. Briggs, Seward, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, B. R. Miller, Randolph, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. C. Holmes, Osmond, Neb.  
 Feb. 22, R. A. Tawney, Pierce, Neb.  
 Feb. 22, W. L. Addy & Son, Farnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, A. W. Harris & Son, Waverly, Ky.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 23, S. R. Murphy, Savanah, Mo.  
 Feb. 25, Wm. Stanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, M. A. Seliers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Blessing, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pittman, Lohrville, Iowa.  
 Feb. 28, Geo. Karchner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.

## GRAND CHAMPION DUROC CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.  
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.  
 Feb. 2, Thomas & Hogsett, Golden, Ill.  
 Feb. 5, Fagan, Browning, Hess & McCabe, Hersman, Ill.  
 Feb. 6, Ed A. Baxter, Pawnee, Ill.  
 Feb. 7, Fred Kraschel & Son, Macon, Ill.  
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

## JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

## POLAND CHINAS AND SHORT-HORNS

Feb. 23, J. A. Penn, Alta, Iowa.  
 Mar. 6, Schieder Bros., Dana, Iowa.

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS.

Jan. 14, W. J. McLean, Rock Valley, Iowa.  
 Jan. 16, Geo. Bonewell & Jas. Duffus, Grinnell, Iowa.  
 Jan. 21, Combination sale, at Red Oak, Iowa.  
 Jan. 21, M. Bixler, Mgr., Corning, Iowa.  
 Jan. 29, F. A. Edwards, Webster City, Iowa.  
 Jan. 30, Combination sale at Shenandoah, Ia.  
 C. F. Mitchell, Mgr.  
 Feb. 6, Geo. H. Miller, Harlan, Iowa.  
 Feb. 7, A. B. Garrison, Beattie, Kan.  
 Feb. 12, H. H. Hess & Sons, Surprise, Neb.  
 Feb. 15, A. H. Mattson, Loomis, Neb.  
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 21, J. Lefebure, Fairfax, Iowa.  
 Feb. 23, Estate of Patrick Gleeson, Oakland, Neb.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 Mar. 13, Combination sale, A. B. Clark, Mgr., Wayne, Neb.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 23, Walter Teel, Rusville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Haignen, Vinton, Iowa.

## ABERDEEN ANGUS.

Jan. 16, H. J. Hess, Waterloo, Iowa.  
 Jan. 17, A. G. Leonard, Chicago, Ill., M. A. Judy, Mgr.  
 Feb. 4, G. W. Fink, Maryville, Mo., dispersion sale, Hal T. Hooker, Mgr.  
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.  
 Mar. 7, C. H. Seibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 23, C. J. Martin, Churdan, Iowa.  
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

## OBLIGED TO STOP HIS ADVERTISEMENT IN THE HOMESTEAD.

## DUROC JERSEY BREEDER HAS THE USUAL EXPERIENCE OF HOMESTEAD LIVE STOCK ADVERTISERS.

MR. FRANK KEAN, breeder and shipper of fancy Duroc Jerseys, Mt. Pleasant, Iowa, writes on the 1st inst.:

"Please stop my advertisement in The Homestead. I have just sold everything I have to spare except one good male, Mr. John H. Fleming, of Harmon, Ill., who saw my advertisement in The Homestead, visited my herd and bought forty-two sows and a very fine male sired by that great show hog, Kant Be Beat."

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Jan. 17, 18, 19, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HEREFORDS.

Feb. 1, combination sale, Harlan, Iowa, F. W. Hann, Mgr.  
 Feb. 9, W. H. Leslie, Auburn, Iowa.  
 Feb. 14, Peter Mow, Orange City, Iowa.  
 Feb. 21, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 27, 28, Combination sale at Kansas City, Mo., C. R. Thomas, Mgr.  
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

## POLAND CHINAS.

Jan. 12, H. C. Dawson & Sons, Endicott, Neb.  
 Jan. 24, Young & Duncan, Madison, Neb.  
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.  
 Jan. 29, John Schmieder, Remsen, Iowa.  
 Jan. 29, Geo. Regennitter, Bennett, Iowa.  
 Jan. 29, Snyder Bros., Winfield, Kan., and Stryker Bros., Fredonia, Kan., at Fredonia.  
 Jan. 30, C. A. Steel, Ogden, Iowa.  
 Jan. 31, W. F. Garrett & Sons and Jno. H. Harvey & Son, Maryville, Mo.  
 Feb. 2, Bert Fry, Plainfield, Iowa.  
 Feb. 5, Henry Dorr, Remsen, Iowa.  
 Feb. 5, H. B. Moats & Sons, Villisca, Iowa.  
 Feb. 6, A. B. Garrison, Beattie, Kan.  
 Feb. 6, Shannon & Beck Bros., Storm Lake, Iowa.  
 Feb. 7, Bridgford & Nesbitt, Aledo, Ill.  
 Feb. 7, W. I. Toop, Auburn, Iowa.  
 Feb. 8, T. J. Charles, Republic, Kan.  
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.  
 Feb. 11, Dan Needham, Woodward, Iowa.  
 Feb. 12, H. H. Hess & Son, Surprise, Neb.  
 Feb. 12, Jas. Watson, Madrid, Iowa.  
 Feb. 12, Reubel Bros., Rockwell City, Iowa.  
 Feb. 13, E. D. Keasey, Wiota, Iowa.  
 Feb. 15, H. H. Styer, Whittemore, Iowa.  
 Feb. 15, P. Dan, Burt, Iowa, at Algona, Ia.  
 Feb. 15, Peter Mow, Orange City, Iowa.  
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.

Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.

Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.

Feb. 19, L. L. Hedglin, Boelus, Neb.

Feb. 20, H. C. Neal, York, Neb.

Feb. 20, W. J. Crow, Webb, Iowa.

Feb. 20, N. C. Bassett, Jefferson, Iowa, sale at Brookside Farm, one mile east of Farlin.

Feb. 21, T. A. Davenport, Belmond, Iowa.

Feb. 21, W. Booth, Danbury, Iowa.

Feb. 22, Chas. Cook, Danbury, Iowa.

Feb. 22, J. M. & J. C. Robison, Towanda, Kan.

Feb. 26, J. E. Walker, Anita, Iowa.

Feb. 27, W. W. Wheeler, Harlan, Iowa.

Mar. 7, Sanquist Bros., Oakland, Neb.

Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

## SHORT-HORNS AND DUROC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

## Dates Claimed for Live Stock Sales.

## PERCHERONS.

Jan. 25, M. S. Moata & Son, Randolph, Neb.  
 Feb. 19, J. M. & J. C. Robison, Towanda, Kan.  
 March 6, W. R. Wilson, F. E. Merrill and others, Arispe, Iowa.

## REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.

## THE ONLY WAY DUROC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schwalzer & J. H. Norton, Elwood, Ill.  
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.  
 Feb. 21, Frank M. Erschen, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

## JACKS AND JENNETS.

March 1, W. J. Finley, Marshall, Mo.

## SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glissman, South Omaha, Neb.

## O. I. C. HOGS.

Jan. 18, Allen Bros., Russell, Iowa.  
 Feb. 6, 7, O. L. Kerr Est., Independence, Mo.

## ABERDEEN ANGUS AND POLAND CHINAS.

March 27, J. H. Eno, Havelock, Iowa.

## THOROUGHBRED HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

## FIELD NOTES.

If you are in the market for a good Duroc Jersey or Poland China sow, write to Mr. Gerald Wilcox, of McCook, Neb. He has about seventy-five good gilts and yearlings to offer, bred or open, and they are of very

son of the Cruickshank bull, Banner Chief. It will pay anyone wanting a bull to go and see these.

Mr. J. A. Penn, of Alta, Iowa, in sending date of February 28th as that on which he will hold a public sale of Poland China aows and Short-born cattle, writes: "I am going to have a Poland China sow sale, at which time I will sell about thirty-five aows and I will close out all of my Short-horns at the same time. I have about thirty-five head."

If any of our readers have not bought their Duroc Jersey boar they should write Mr. Grant Summers, of Malvern, Iowa. He has a few good ones sired by Lottie's Top Notcher (a son of the World's Fair boar, Top Notcher Again), and one or two that are sired by the Iowa State Fair winner, Crimson Wonder Again. Mr. Summers is offering some bargains in these boars.

Mr. F. E. Garrett, breeder of Duroc Jersey swine, of Lohrville, Iowa, writes under date of January 5th: "I have just sold a one-half interest in I Am a Wonder to Mr. W. H. Hudson, of Lohrville, Iowa, for \$250, making him a \$500 hog. I will have several sows in my sale on January 25th bred to this boar. He is a litter brother to the sweepstakes hog at the Iowa State Fair, 1906."

Mr. L. P. Sargent, of Gibbon, Neb., has a 120-acre Wood River Valley farm, located five and one-half miles northeast of Gibbon, on which he is making a price in his advertisement that appears on page 19 of this issue. On this farm there is a good house, barn, double corn crib and granary, chicken house, hog house and other improvements. Write Mr. Sargent for full description of his farm.

A first-class Red Polled bull, eleven months old, is offered for sale on page 23 by Mr. A. H. Jeffrey, of Indianapolis, Iowa. The bull is of good breeding and has been growing right along from birth. He promises to make a very good sire, as he has the right conformation and shows all the character that could be desired. Farm is only two miles out of Indianapolis. Price is \$60 and at that figure he should sell quick.

Mr. F. T. Wells, of Bristow, Iowa, in re-mitting for advertising already done, writes: "I have some good Poland China sows for the trade and they are bred to a son of Standard Chief. I think he is a better hog than the one I sold the experiment station of Minnesota for \$100. I am getting my herd of Angus cattle shaped up and am going to change business and will offer the whole herd at private sale in lots to suit buyer."

Mr. Harry R. Smith, of Maynard, Iowa, proprietor of the Willowdale herd of Poland China swine, is offering some young stock of both sexes for sale in his advertisement that will be found on page 35 of this issue. Mr. Smith, however, is reserving all of his old sows that are old enough to breed for his public sale which will be held February 13th. Send for his catalog giving full information. He also has some pure-bred White Wyandotte cockerels that he is offering for sale.

Those of our readers who are looking for land in South Dakota, Kansas, or Indian Territory will be interested in the advertisement of Messrs. Bingham, Bolin & Johnston, of Maryville, Mo., that appears on page 19 of this issue. They also have Nodaway county farms for sale that range in price from \$50 to \$100 per acre. Nodaway county is one of the best counties in Missouri, and farms purchased at these prices in that county may be considered bargains. Write them for lists and prices.

In this issue of The Homestead appears the advertisement of the Sioux City Seed & Nursery Co., of Sioux City, Iowa. We take great pleasure in commending these people to our readers. They have done business continuously at Sioux City for twenty-two years and are counted among the most reliable of the Sioux City business firms. By square dealing they have built up a large trade. They are issuing a new and very fine nursery catalog, which they will send free on application.

Mr. James Fisher, breeder of improved Chester White swine, of Eastman, Wis., in sending new copy for his advertisement, reports that he is all sold out of stock, but that he is now receiving orders for Chester White pigs from large, matured dams to farrow in March and April, the same to be shipped when three months of age. Mr. Fisher announces that he will pay express and ship these pigs C. O. D. if breeders ordering from him so wish. His advertisement appears on page 33.

Messrs. John H. Tryon & Son, of Lyons, Neb., will make a Duroc Jersey brood sow sale at their farm on February 27th, at which time they will sell four Orion sows, one of which is as good as was ever sired by that famous old boar. They will also sell three Proud Advance sows, and a lot of others sired by Trone's Oom Paul and Carroll Boy. The most of these will be bred to the noted boar, Junior Jim. Everything in the sale will be yearlings or aged sows, except two gilts, and it will be one of the best offerings of the season. Remember the date and arrange to attend the sale.

On February 6th, Mr. Geo. H. Miller will make a public sale of Short-horn cattle at Harlan, Iowa, at which time he will sell fifty head of well-bred cattle. He is offering an exceptionally good bunch of young bulls, all sired by his Scotch herd bull, Gloster Bad. There will be a choice lot of young heifers in the sale and a lot of splendid cows. Many of these cows will have calf at foot by Gloster Bud and others will be in calf to him. Mr. Miller is one of the best-known breeders in Shelby county and he is selling a good bunch of useful Short-horns. Write him and get your name on his list for catalog.

Mr. Frank E. Hankins, breeder of O. I. C. swine, of Sciota, Ill., writes: "At present the pigs are doing fine and sales are very good. I have on hand some very fancy gilts that I am breeding to my big herd header, Duke, and will offer them for sale at reasonable prices. I received a letter recently from Mr. W. J. Honck, of Cement, Okla., as follows: 'The three pigs arrived at Cement, Thursday evening at 4:15 p. m., and I want to say I am very well pleased with them, as they arrived in good shape.' I have sent fifteen pigs by express this week to different points in Kansas, Oklahoma, Missouri, Wisconsin, Iowa, and Illinois. I have a number of extra good pigs to ship yet."



Mr. Harkin's advertisement appears on page 33 of this issue.

Mr. J. W. Pittman, of Lohrville, Iowa, names February 27th as a date on which he expects to hold a Duroc Jersey bred sow sale. He writes: "On February 27th I will sell thirty matured sows, some by Orion, others by Proud Advance, American Royal, Crimson Wonder I Am, Young John West Side (brother to Crimson Wonder), Tientsin, and others, including twenty granddaughters by Orion by three different sons of old Orion, that will be bred to sons of sweepstakes hogs. I have a nice bunch of sows and am receiving very satisfactory letters from those who bought of me last season."

The Pickert-Hammond Land Company, of Houston, Texas, control 1,000,000 acres of land on the Gulf coast. It is fine level prairie, black loam, one to six feet deep subsoil. This land will be sold in 150-acre lots and up from \$6 to \$18 per acre, according to size of tract and location. These lands are all within two to six miles of railroad, school, churches and rural mail delivery. The soil produces alfalfa, corn, oats, cotton, sugar cane and all kinds of vegetables and fruits without irrigation. Crops can be grown every month in the year. Write the company for their free book, "Opportunity," which will tell you all about these lands.

Messrs. G. P. Tyrell & Son, breeders of Duroc Jersey swine and Short-horn cattle, of Oxford Junction, Iowa, in remitting for advertising already done, write: "Our male pigs are all sold and we are turning down orders every day, as each sale brought others from same locality. We are answering inquiries for gilts. Can spare twenty, bred for April farrow. As to the Short-horns, the roan bull is sold and the man wrote he is well pleased. We have some red yearling bulls, long yearlings, at farmers' prices to make room for the coming one-year-old fellows. Wampum calves are coming from Sittytton Sort heifers and everything looks extra and the herd is worthy of inspection."

On February 27th, Mr. J. W. Pittman, of Lohrville, Iowa, will make a public sale of Duroc Jersey brood sows at which time he will sell forty head of well-bred and high-class animals. Among these will be four daughters of Proud Advance, three daughters of old Orion, two daughters of Crimson Wonder I Am, four daughters of American Royal, besides daughters of Tientsin, the sire of Ruberta, the first-prize sow at the Iowa State Fair, and West Side, a full brother to Crimson Wonder. He will also sell several granddaughters of old Orion and Nebraska Belle. Mr. Pittman has always been one of the best buyers of the very best in Duroc Jerseys, and he has the leading blood lines in his herd. We will have more to say of his herd and his February sale in later issues of The Homestead.

Messrs. I. Barr & Son, of Davenport, Iowa, who, for the past twenty-five years, have been breeding Short-horn cattle and have drifted mainly into the Scotch and Cruickshank tribes, maintain the largest collection of Scotch cattle to be found in any herd in America. The families represented are: Victorias, Secret, Lavender, Mysie, Lovely, Miss Ramsden, Lancaster, Brawith Bud, Duchess of Gloster, Nonpareil, Violet, Claret, Mina, Queen of Beauty, Acorn, Butterfly, Orange Blossom, Princess Royal, Jessie, Rose of Strathallen and other Scotch tribes. The sires in service are: Imp. Prince Oederic 136398, Champion of Riverdale 245602, Royal Bud 220272, Golden Royal 234534 and Orange Champion 3d 264463. Anyone wanting a good, low-down, blocky, beefy bull of best Scotch blood will find a choice collection to select from (ranging in ages from one to two years).

Messrs. Blackmer & Nelson, of Albert Lea, Minn., breeders of milking Short-horn cattle, write that the demand for their class of cattle is even stronger than in the past and they are unable to supply the demand for good yearling bulls from dams with milk records. The demand in Iowa for this class of cattle is such that there is no doubt but that very profitable business awaits the progressive farmers who establish full blood breeding herds of this popular and useful kind of cattle. Many of our farmers milk their cows and feed out the steer calves and these farmers want bulls that will give them heifers that will milk profitably, as well as thrifty steers that will take their corn to market. Messrs. Blackmer & Nelson lay claim to having the largest breeding herd of milking Short-horns west of the Mississippi, and can furnish cows and heifers to those wishing to establish breeding herds. They will be glad to answer correspondence and will welcome visitors to their farms near Albert Lea at any time. See their advertisement on page 33.

Mr. C. F. Shaffer, the Poland China and Short-horn breeder, of Wellman, Iowa, in ordering change of advertisement, writes: "My Poland Chinas and Short-horns are going into winter quarters in fine shape. I have 100 of the best fall and summer pigs I ever bred—fifty-four hogs and forty-six gilts. They are sired by Black Chief and G's Perfection Jr., two of the best breeding hogs I ever owned. My pigs have good bone and length, broad backs, well hammed down to hock, with neat head, ear and nose, also fine black, silky coats of hair. I can furnish pairs and trios not akin. Now is the time to start a young herd. Hogs are high and will go still higher during 1907. I also have a fine lot of young bulls, all deep reds, of the low-down, beefy, blocky kind, with well-sprung rib and neat head and horn. They are the get of my prize

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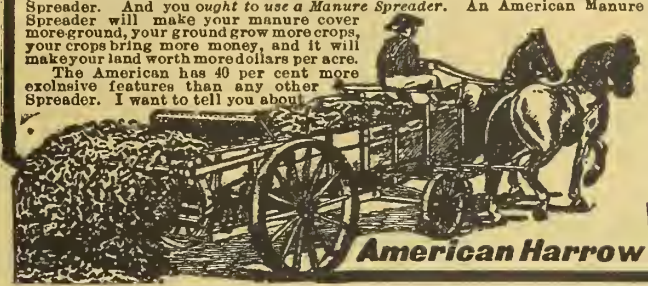
We will send you the famous American Manure Spreader direct from our factory, because we've stopped selling this celebrated machine through jobbers and dealers. You save their profits now. You get the wholesale factory price on the best Spreader made—not a "cheap" Spreader, but the best one in the market.

### I Don't ASK You to Send Cash

as we send you the American and you pay us on easy, liberal terms—letting the Spreader really pay for itself as it earns for you—after you've tried it free. You now get the American, recognized as by far the best Spreader, for no more than you must pay for an ordinary Spreader. It is the

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That saves your horses. The machinery works only when you start it in your fields—is at rest as you drive out. That saves wear and tear on the Spreader. And you ought to use a Manure Spreader. An American Manure Spreader will make your manure cover more ground, your ground grow more crops, your crops bring more money, and it will make your land worth more dollars per acre. The American has 40 per cent more exclusive features than any other Spreader. I want to tell you about



these practical exclusive features which make the American the only Spreader for you to buy at any price. The American is the Standard of the world. We allow

### 30 Days' FREE Trial

on every American Spreader made. We want every customer to see and try an American Spreader. We want every customer satisfied and to prove that our spreader is just as represented, therefore we say

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If it is not just as represented you can return it. We pay all freight—BOTH ways—trial being FREE.

My low price is for the American Manure Spreader delivered at your station—freight paid—including free trial—giving you the dealer's and jobber's profits, and—

### If Satisfied—Take Your Time Paying

for your American Manure Spreader. Now, I want you to know my new low price and I want you to know all about the American Spreader.

### Write Today for My Price

and I'll send it promptly. Also my free catalogue and booklet, which tell you all about the American Spreader, and Fertilizing. You'll be interested in both. You'll be glad you wrote. A postal will do. Don't buy until you investigate this. Take your time investigating, but—WRITE TODAY.

**W. W. Collier, Gen. Manager**  
**American Harrow Co., 145 Hastings St., Detroit, Mich.**

bull, Laurel Knight, and Scotland's Pride. I am selling my stock at farmers' prices. Look up my advertisement on page 35 and write me for prices and description. Pictures of herd bull and boar free on application.

Messrs. Ruebel Bros., breeders of Poland China hogs and Short-horn cattle, of Rockwell, City, Iowa, write: "We are all sold out of boars. We recently sold our herd boar, Iowa Chief, that we had advertised in The Homestead to Mr. Martin Emmick, of Lidderdale, Iowa, to head his herd. We are getting ready for our brood sow sale February 12th, and will have our catalogs out February 1st, when we will be pleased to send them on request. We will have the best lot of brood sows we ever offered at public sale. We have sows sired by Chief Perfection 2d, Keep On, Mischief Maker, Chief Tecumseh 3d, R's Keep On, Iowa Chief and other noted boars. They are the best individual lot that will go through a sale ring in this part of Iowa this winter. Our motto is 'Size with Quality' and we can prove it sale day. We have sold our farm here and purchased the Pleasant Hill Stock Farm of Mr. E. R. Stangland, of Marathon, Iowa, and will move to our new location about March 1st, when we will be better fixed than ever for breeding Short-horn cattle and Poland China hogs."

On January 24th Messrs. Sol Frank & Julch Bros. will sell a choice lot of brood sows at Mr. Frank's farm, Sioux City, Iowa. There will be thirty head, including Marie Antoinette (the first-prize yearling at Sioux City, defeating the Des Moines and Minneapolis first-prize yearlings there, and many hogmen would have made her sweepstakes sow of the show). It is seldom one finds so smooth and mellow a sow. She is certainly a great prospect for a purple ribbon winner for next year. She is safe in pig for an early litter by King Solomon, one of the second-prize litters of 1905, every boar of which went to head pure-bred herds. This mating should be something that's right, for, considering the time Mr. Frank has been breeding hogs, he has made a reputation to be proud of. His entire herd is in the pink of condition, as they are fed—but little corn. It is certainly a lot of sows that should interest both farmers and breeders. The breeders' meeting being at Sioux City, January 22d to 24th makes it very convenient to attend both, with good connections to attend the Stevenson & Cantine sale the next day. Write for catalog at once to Mr. Sol Frank, Sioux City, Iowa. Please mention this paper when writing. Mr. Frank's advertisement appears on page 28.

On January 25th Messrs. O. R. Stevenson and Lee Cantine, of Quimby, Iowa, will offer forty bred Duroc Jersey sows for sale. This is the best lot that was ever offered at the Cherokee farm. Among the good ones are four gilts sired by Keep On, their dams being Lucy Advance, a litter sister to Proud Advance and a full sister to Advancer. This is breeding that should make any breeder want them. Another gilt in the sale is sired by Top Notcher Chief, dam Nellie Advancer 2d, the top gilt at Messrs. Johnson Bros. & Newkirk's last February sale. She is strictly a show gilt, bred to Crimson Wonder Jr. This mating will not disappoint anyone. There are two gilts sired by Pericles 4499 that are extra good ones. Their dam, Miss Logan 9th, is a well-bred Ohio Chief sow, both safe to the service of Crimson Wonder Jr. The entire lot of sows are in excellent condition, not loaded with fat, but large and growthy, the kind that makes good brood sows. Further particulars will be given next week. Remember Mr. Sol Frank's sale on January 24th. Good connections from Sioux City to Quimby. Write for catalog at once to Mr. O. R. Stevenson or Mr. Lee Cantine, Quimby, Iowa. Please mention The Homestead when writing. Messrs. Stevenson and Cantine's advertisement appears on page 28 of this issue.

Messrs. Taylor & Jones, breeders of Percheron, Shire, Belgian and Coach horse, also Short-horn cattle, Williamsville, Ill., write: "We reported lately quite a list of our prominent sales of draft stallions and our report again some recent sales of much importance on account of the high excellence of the animals. Mr. S. E. Larabee, a hanker of Deer Lodge, Mont., came here while attending the International and being in search of the best money could buy, he took the first-prize two-year-old Shire stallion at the recent Illinois State Fair. Mr. James Cale, of Montrose, Iowa, bought an extra good, thick, two-year-old American-bred Percheron stallion to use on his pure-bred mares. Mr. C. L. McClelland came here to buy a ton Percheron for use on his big farm at

Foosland, Ill., and was so well pleased with our horses he bought two stallions and three fillies. Mr. Thos. Davin, Tower Hill, Ill., took a Shire and Percheron stallion, and Kendall Bros., Metcalf, Ill., got an extra good Percheron, while Mr. Curtis Neal, Newman, Ill., took a very big-class Imp. Shire horse. Mr. L. K. Foster, Shirley, Ill., bought of us three years ago a Percheron, and two years ago a Belgian, and now comes back, after both the other horses have proved entirely satisfactory, and buys a Shire to stand with them. We are proud of the fact that our customers keep buying stallions of us, which prove they have dealt with us satisfactorily."

Mr. J. B. McAllister, of Palo, Iowa, breeder of Poland China swine and Mammoth Bronze turkeys and Barred Plymouth Rock chickens, writes: "The Poland China sows I am offering for sale are the best bunch I ever raised. They are sired by H's T. C's U. S., a great, broad-shouldered, deep-hammed hog; one of the best all round hogs and best breeders that I ever saw. These gilts are of April farrow, all out of old sows and large litters. They have broad shoulders and deep hams, very nice heads and ears, mostly black in color, with white feet and some in face, good length and bone, right up on feet. The making of extra choice brood sows are and will be bred for April and May farrow, to an extra choice young boar. They will weigh right around 200 pounds each, in just nice breeding shape. I am pricing them at \$25 each and hold until I consider them safely bred. As I expect to move to South Dakota, am offering the entire herd for sale without reserve, also by great boar, H's T. C's U. S., at \$35, not half price for him, but I cannot use him longer. I have sold forty-eight Barred Plymouth Rock cockerels the past two weeks, but still have left a choice lot of them; nice, clean-colored fellows of the noted Eclipse strain for sale. I should be pleased to hear from any of your readers in need of Poland China sows of the good type or Barred Plymouth Rock cockerels." Mr. McAllister's advertisement appears on page 35 of this issue.

Messrs. Sandquist Bros., of Oakland, Neb., breeders of Poland China hogs, writing in regard to their sale of bred sows, on March 7th, say: "We are going to put in some extra fine sows. They have the size and bone so much desired in the West now and there will be sows good enough to go into any breeder's herd. They will be bred to Perfect Quality 36322, pronounced by competent judges one of the good hogs of this state. That expert judge of a Poland China, Mr. Harry Spurling, called him a good one when he was here last July and did some expert work for us. Others will be bred to M's Top Chief, a son of the international champion, Top Chief, and half brother to the great \$3,000 Kansas hog, Grand Chief. We are proud to be the owner of this great hog and have had a very flattering offer for him from a well-known Missouri breeder. He has demonstrated his value as a sire by siring some of the good hogs of the country. He is an exceptionally well-put-up hog, has ten-inch bone, wonderful hams and a spring of rib not found in every hog. Others will be bred to an outstanding good son of the half-ton hog, Expansion, and as to size, we believe he will not be far behind his noted sire when fully matured and we think him a good prospect for a crack good yearling. He is very growthy, heavy boned, broad head, neat ears and a smooth, glossy coat with ideal markings. He is a fine prospect for a good sire and lucky is the man who will get a sow or gilt bred to him. The man who is tired of the roly-poly Polands will do well to attend our sale on March 7th and secure some of this valuable blood."

Mr. F. A. Edwards, proprietor of the Bluffview herd of Short-horns at Webster City, Iowa, writes under recent date as follows: "Cattle at Bluffview are coming through the winter in nice shape; there is not a day but what they go to the pasture, the same as they did in summer. The blue grass along the river on the bottom pasture is fine. We aim to keep the cattle out in the open as much as possible. Have had thirty calves this fall and never lost one. By the way, the calves from Secret Viscount are just fine; great strong fellows that are up and sucking in a short time. The cattle going in the sale January 29th are doing splendidly, though they will be only in nice breeding condition. Will sell an extra fine lot of cattle, a large percentage Scotch, among them several imported Cruickshank cows. In short I am going to make this as attractive an offering as will be sold this year. Will have sale in a barn well heated."

The Homestead is in position to know that the Bluffview Short-horns are and have been for years the pride of Iowa. Mr. Edwards, the genial proprietor, has, from time to time, consigned from the Bluffview herd some of the choicest Short-horns that have ever gone under an auctioneer's hammer in the state. It was he who set the pace for the higher-priced Short-horns at the commencement of the late revival of the business by contributing from his herd such noted cows as Rose of Bonnie Brae, Golden Crest, Golden Lassie, Emma 17th, and other noted celebrities that have attracted not only national, but international attention. At the forthcoming sale of Mr. Edwards, on January 29th, we anticipate that there will be an opportunity to secure some of these high-class Short-horns, as he is contributing several imported Scotch and Cruickshank cows of the same character. In our next issue we will be prepared to say something more of these cattle after a personal visit and inspection.

### TEN DUROC JERSEY BOARS.

Any of our readers who have not purchased their Duroc Jersey boar should write Mr. Carl Hansen, of Herman, Neb. He has ten head for sale. These are good ones and are sired by his splendid boar, Bar None. He has reduced the price to \$20 to clean them out. Write him immediately and mention The Homestead.

### POLAND CHINA GILTS FOR SALE.

If any of our readers want Poland China gilts they can get them of Messrs. Sandquist Bros., of Oakland, Neb. They have a number for sale, bred along the most up-to-date lines and are bred to an exceptionally good boar. They are pricing these very reasonably. They also have a few good Short-horn bull calves for sale.

### WEBER SELLS FEBRUARY 4TH.

Mr. Henry Weber, of Friend, Neb., will hold his first sale of Duroc Jersey bred sows February 4th, in which he will offer a choice lot of sows. There will be about thirty-five head, including about half aged and yearlings sows, the balance spring gilts. They are large, smooth sows of the best breeding and bred to two extra good boars. Remember the date—February 4th—and arrange to attend this sale.

### URTISKA SELLS JANUARY 29TH.

Mr. Frank Urtiska, of Pawnee City, Neb., will hold his first sale of Duroc Jersey sows on January 29th, in which he will offer the very best stuff that he has in his herd. He has a nice bunch of growthy gilts of good breeding that ought to make good brood sows. He has his catalog out now and will mail one to any person who will drop him a card. His advertisement will appear in a later issue of The Homestead, stating what he has to offer.

### PERCHERON STALLIONS FOR SALE.

On page 33 of this week's Homestead will be found the advertisement of Mr. J. S. Golder, Scribner, Neb., who has five good Percheron stallions for sale. These horses are all young stallions, ranging in age from two-year-olds up, and they are extra good ones. If any of our readers want a Percheron stallion they can do business with Mr. Golder and do it right, as he sells his own horses. He therefore puts the price where they will sell. Write him or go and see what he has for sale.

### REIL & COOPER'S DUROC SALE.

January 24th is the date set aside for the annual brood sow sale of Messrs. Reil & Cooper, of Ferris, Ill. These gentlemen have been buying from some of the best herds and have themselves bred stock good enough to win at the leading state fairs throughout the middle West. The offering is made up of thirty-five head, nine yearlings and twenty-six gilts. They are bred to Wonder Boy, the first-prize boar pig at Illinois State Fair, 1906; others to Chief C. by I. J.'s Chief, the first-prize aged boar Indiana State Fair, 1905. The offering is about equally divided between the two herds. However, Mr. Cooper has included a few more than has Mr. Reil. We wish to call particular attention to the yearling sow, Lady Kruger, the first-prize under year sow at Illinois State Fair, 1906. This sow was sired by Kruger and is out of an Orion Chief sow. This cross has produced many of the best specimens of the breed, winning at both the World's Fair and the leading state fairs. Some breeder intending to show next year cannot go wrong in selecting this sow as one of the members of his show herd. Individually she is an extra good sow and will fill all the requirements of the most discriminating buyer. She is bred to the first-prize boar pig, Wonder Boy, at the Illinois State

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Address, MACBETH, Pittsburgh.



Fair and should produce something good. Write for catalog at once, kindly mentioning The Homestead, as per the advertisement on page 31 of this issue.

#### THE HARLAN HEREFORD SALE.

On February 1st, at Harlan, Iowa, will be held a combination Hereford sale of fifty head of cattle, at which time will be offered a splendid lot of cows and heifers and a top lot of well-cared-for and well-developed bulls. The sale is under the management of Mr. F. W. Hann, one of the best young breeders in Shelby county, and he is contributing twenty-seven head. Mr. J. S. Mayne, one of the oldest breeders in the county, is contributing the rest and he is practically closing out his herd. The cattle will be in nice condition and it will be an excellent place to buy. Those who want bulls can get about what they want in the sale. Write Mr. F. W. Hann, Harlan, Iowa, for catalog of the sale.

#### HESS & SONS SELL FEBRUARY 12TH.

Mr. H. H. Hess & Sons, of Surprise, Neb., will hold their annual sale of Short-horns on February 12th, in which will be sold some choice Scotch animals. We ask all those wishing to get something good in the dual-purpose Short-horn line to secure a catalog as soon as possible and arrange to attend this sale, where you will see something good, both in breeding and in individuality. The offering will consist of about forty head of good cows and heifers and a few young bulls, most of the younger animals are the get of the great bull, Golden Victor 131686, a straight Scotch bull that is surely one of the best breeding bulls in Nebraska. The cattle represent the very best families of the breed. Watch for the sale advertisement in this paper and write for a catalog.

#### LARGE YORKSHIRES FOR SALE.

Mr. F. Rabeller, of Leigh, Neb., owner of one of the best large Yorkshire herds in the United States, writes us as follows: "I am now offering 100 head of choice-bred gilts, safe in pig. These gilts are bred to the very best imported boars secured from the best breeders in Canada, and are of the very best prize-winning strains. I also have some very good boars left, and these are in good breeding condition. All of my hogs have done well this season and are in a very healthy and growing condition. The demand for the large Yorkshires was never better and the American farmer is beginning to realize that he is today the best paying hog that he can raise. Just say to Homestead readers that these gilts are the best that we have ever raised and are strictly all right." If our readers want large Yorkshires they will find the Rabeller herd to be one of the best in the United States. When writing kindly mention The Homestead.

#### CHOICE BRED DUROC JERSEY GILTS.

On page 36 of this week's issue Mr. Roy E. West, of Churdan, Iowa, offers for sale twenty head of choice Duroc Jersey bred gilts, weighing from 150 to 300 pounds, that he is pricing at from \$25 to \$50. He says: "I have the best bunch of gilts I have ever seen and am breeding them to a Russell-bred Surprise yearling out of a Gold Dust Jim dam. My gilts have lots of size and are growing right along. I have some May pigs that weigh from 175 to 200 pounds that I will take \$25 for if taken soon. I have about eight April and early May pigs that today will weigh from 250 to 300 pounds. These are choice in every way and would be a credit to any herd. These are granddaughters of Jumbo Red and Prince Marti on the dam side, and Orton and Proud Advance on the sire side, and they are as good as any of the best breeders can show. The choice of these I will sell at \$35 to \$50, bred and safe in pig. I would not be unwilling to ship these on approval. I am offering some at \$25 that other breeders cannot duplicate for the money."

#### THE GREAT WESTERN DUROC JERSEY SALE CIRCUIT.

##### AUGUST VOGUE, JANUARY 19TH.

On the above date Mr. August Vogue, of Portsmouth, Iowa, will open the Great Western Duroc Jersey Sale Circuit with a bunch of forty head of choice-bred sows. Mr. Vogue's sale will be held on Saturday, and he invites all the boys to be present, because he is putting up one of the good offerings of the year. He is selling eighteen fall yearlings and open sows, and twenty-four spring gilts. He is selling three Tip Top Notcher gilts and one yearling Tip Top Notcher sow; eight Crimson Wonder I Am 2d gilts, and one Junior Jim gilt. Gold Dust Rose is the yearling daughter of the World's Fair sweepstakes boar, Tip Top Notcher, and she is bred to the Iowa State Fair prize winner, Kruger Lad. Two of the Tip Top Notcher gilts are bred to Crimson Wonder I Am, and one is bred to Kruger Lad. There will be a good gilt in the sale sired by Ohio Chief II, and she will be bred to Kruger Lad. A March gilt by Lafayette, a son of Belle's Chief, the third-prize World's Fair boar, will be the sensation of the Vogue sale. She is bred to Kruger Lad, and she is one of the great gilts to be sold this year. The Vogue offering is right up to date, and if our readers want a sow bred to Kruger Lad they should by all means attend the Vogue sale. Write for his catalog and be sure to be at Portsmouth on January 19th, because you will see one of the good offerings that will be sold in January.

##### G. W. HOCKETT, JANUARY 21ST.

The best offering of Duroc Jersey sows that Mr. Grant Hockett has ever sold will go through his sale ring on January 21st. He is going to surprise the boys this year. He has the most up-to-date blood lines, and has the sows, and those who attend the sale will say so when they see them. He has as much size on his gilts as any that we have seen this season, and when



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One of the two. It is recognized everywhere as the foremost agricultural weekly in the world—edited by working farmers—embodying the wisdom and experience of the largest corps of editors and contributors of any farm journal that is published. It has no equal.

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The other one; published twice a month, twenty-four times a year, a paper for the farmer, the farmer's wife and the farmer's children. Twelve of the numbers include the splendid Fiction Magazine Section, filled with stories, games and interesting reading for the family. An early feature is a complete novel by Miss Maude Roosevelt, entitled "The Strange Adventures of Helen Mortimer."

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they are run through the ring the boys will not hesitate to buy them. He is selling forty head, among which will be two aged sow and fourteen spring and fall yearlings. One of the best brood sows that he will sell is by old Orion, out of Kruger Maid, the sow that topped the Manley sale in 1905 at \$410, going to Mr. Pete Alsinn, of Boone, Iowa. A few of the other sows are sired by Rural and Indiana Hector, two boars that were formerly used in the Hockett herd. Among the gilts are four by Jumbo Bob, he by Liberty Chief by Red Chief I Am. Here are four gilts that have wonderful size, good backs, plenty of bone and cherry red in color. The best one of these, and she is a good one, is bred to Crimson W., a son of Crimson Wonder I Am, and the rest to I Am Advance. Mr. Hockett also sells a good Model Chief gilt, bred to I Am Advance, and a very attractive Crimson W. gilt bred to the same boar. The gilts will be sired by Crimson W., Model Chief, Indiana Hector and old Rural. A word about the boars now at the head of the Hockett herd. I Am Advance, a son of the old sweepstakes boar, Advance, and out of Lady D. 2d, is the ranking boar in the Hockett herd. He is the best boar we have ever seen on the Hockett farm, and if nothing happens to him he should prove to be one of the best sons of old Advance. He is a full brother to Advancer and Proud Advancer, both of which have been prize winners at the Iowa State Fair. In arch of back and spring of rib he is hard to beat. He has wonderful bone, and a good head and ear for a hog of his size. He is one of the best sons of that famous old prize winner, and Mr. Hockett was very fortunate when he bought him. A sow bred to him will go well in any herd, and all the boys will like him when they see him. The other boars used on these sows are Crimson W., a son of Crimson Wonder; a son of old Tolstoy out of a Duroc Challenger dam, and E. L. Perfecto, a son of Rural. The offering is far and away ahead of anything ever sold by Mr. Hockett before. Breeders should by all means arrange to attend this sale. His catalog is now ready. Write for it and kindly mention The Homestead.

#### JOHN WRIGHTON, JANUARY 22D.

The third day of the circuit will be that of Mr. John Wrighton, at Audubon, Iowa, on January 22d. Here will be seen one of the model Duroc Jersey farms in the West, and one of the best offerings in the circuit of sales. Forty head is his number, including his young show herd at Des Moines. He puts in an especially strong lot of yearlings and aged sows, besides an attractive lot of gilts. The great attraction in this sale is Claremont Empress, the first-prize Iowa State Fair gilt, bred to Claremont Model, a son of Model Chief, and he was the first-prize boar pig at Des Moines. Here should be one of the greatest attractions of the earlier Duroc Jersey sale season. Mr. Wrighton also sells his entire young show herd at Des Moines, and here is something that should draw breeders from far and near. A number will be sired by Proud Advancer, the sire of the first-prize gilt and the second-prize litter at Des Moines. Ten head will be bred to Claremont's Model, fifteen head to Proud Advancer and five head to

Audubon, the twice sweepstakes boar at the Audubon county fair. He sells a litter sister to Claremont's Empress, and she is also bred to Claremont's Model, Queen Orion, a yearling daughter of Orland, out of Audubon Queen goes in and she is an exceptionally good sow. Two of her sisters also go in and they are bred to Claremont's Model. There will be a good daughter of Orion in the sale, and a litter sister to his herd boar, Audubon, called Audubon Rose, will also be sold. She is a great brood sow and a very large, deep-bodied animal. She has never raised less than ten pigs, and is bred again to Claremont's Model. The Orion sow will be bred to Proud Advancer, and several other of the best gilts will also be bred to him. The breeder's should turn out to the Wrighton sale, because he not only has the stuff to offer, but he has also been an excellent buyer himself. At the Sheldon sale he and Mr. Garrett bought the \$1,075 sow, S. E.'s Model, and one of her gilts will be sold in this sale. Write for his catalog. You will be pleased with it, and you will be better pleased when you see the sows that go in the sale. Kindly mention The Homestead when writing.

#### J. E. WEHR, JANUARY 24TH.

Forty head will be the number that Mr. J. E. Wehr, of Portsmouth, Iowa, will sell in his sale on January 24th. Eleven aged sows, four fall yearlings and the rest spring gilts will be his program for this annual event. These will be bred to Proud Advance Jr., Orion's Model, Minnesota Chief and Young Surprise. These sows are sired by Munson's Perfection, first-prize boar at the Iowa State Fair in 1906; Bryan M.; Orion's Model, and Roosevelt. He also sells a litter sister to Munson's Perfection in this sale. Among the good ones is a March 5th gilt by Munson's Perfection, dah Tessie Orion, a litter sister to Orion's Model, and she is bred to Proud Advance Jr., a son of old Proud Advance. A couple of Lady Wheeler's gilts go in and a couple of Luella gilts, and these are all good ones and have the making of good brood sows. These will all be bred to the Proud Advance boar. A litter sister to Young Surprise goes in, bred to Minnesota Chief. Perfection Belle, a daughter of old King Perfection, and one of the sows that was in the first-prize young herd at Des Moines will be sold, bred to Proud Advance Jr. Mr. Wehr is putting up a good offering and no one deserves a better sale. He is one of the popular Duroc Jersey breeders; is and always has been a good buyer, and generally puts up a good offering of brood sows. He has made every arrangement to look after the wants of the breeders in attendance, and will show them the best bunch of sows he has ever sold. The blood lines in the Wehr herd have been the very best, he having drawn his foundation stock from the good herds. Write for his catalog and kindly mention The Homestead.

#### F. E. GARRETT, JANUARY 25TH.

One of the greatest brood sow events of the earlier part of the 1907 season will be that of Mr. F. E. Garrett, at Lohrville, Iowa, on January 25th. We say one of the greatest because of the class of sows he is offering. He will sell forty-seven head alto-

gether, including the great Iowa State Fair prize-winning sow, Ruberta. Every breeder who attended the Iowa State Fair will remember her, and every good breeder will be anxious to buy her. Bred to the \$5,000 boar, Junior Jim, she should be the greatest attraction of the year. She is a daughter of Tientsin, a half brother to Crimson Wonder. He sells eleven yearlings, every one of which has raised litters. The rest will be spring gilts. Among these will be six head by Orion, all bred to Junior Jim. One of the best gilts that he will sell is a daughter of the Iowa State Fair sweepstakes boar, Crimson Wonder I Am; dam Fancy Orion. This gilt is a full sister to Crimson Wonder Agall, the sweepstakes boar at Des Moines. Here is indeed a show proposition for next year, and she is bred to American Lad, a son of Iowa Wonder. He also sells four gilts and one yearling, all sired by Proud Advance, and bred to Junior Jim and I Am a Wonder and Tientsin. He also sells four gilts by I Am a Wonder, two by Tientsin and one by Junior Jim. Two Proud Advance gilts out of the great sow, S. E.'s Model, go in, bred to Junior Jim. Also a litter sister to Ruberta bred to Jim goes. Ten head will be bred to this great boar. The Garrett sale has every right to be one of the greatest of the year because Mr. Garrett has the goods to offer. The up-to-date breeder will miss it if he does not attend the Garrett sale. Write for catalog and please mention The Homestead.

#### DR. J. A. DOWNS, JANUARY 26TH.

The last sale of the Great Western Sale Circuit will be that of Dr. J. A. Downs, at Gildden, Iowa, on January 26th. It is with pleasure that we call the attention of Homestead readers to his sale. For a number of years past we have watched Dr. Downs at the leading Duroc Jersey sales and we never saw him buy a poor one. We often made the prediction that some day he would have a good herd, and we have no hesitancy in saying that breeders will find his offering the equal of any in the circuits of sales. At the head of his herd today is the noted boar, Long John, the boar that helped make the Manley & Co. herd famous, and today is one of the greatest brood sow boars of the breed. Many of the sows that go into the sale will be bred to him, and the man that buys one of them will be laying the foundation for a good herd in the future. The other boars used in the herd are Clovercroft King by Orion II., Clovercroft Orion's son by Orion, Clovercroft Advance by Proud Advance and Adjuster by Dandelion. The sows that go into the sale will be sired by Orion, Proud Advance, American Royal, Peerless, Clovercroft Tip Top Notcher, Paruell Banner, Carroll Jumbo, Belle's King and other popular sires, and the blood lines contained therein are as good as will be found in any herd in the West. His aged sows are exceptionally fine and among these are some that are as good as will be found in any herd. Clovercroft Princess is a summer yearling by Clovercroft King out of a Carroll Jumbo sow. She is a double line bred Protection sow, and is bred to Long John for March farrow. He sells a splendid daughter of that noted boar, Peerless, that left so many good things in the West. There will be two good American

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Royal sows in the sale, and a good granddaughter of American Royal. Manley's Pride is another good summer yearling by Belle's King, he by the noted prize-winning boar, Echo King, out of the great Nebraska Belle. She is bred to Long John and carries more of the blood of Orion and old Ella Roberts than any other sow that will be sold this year. There are others that we will make special mention of in our next issue. His gilts are growthy and well developed, with good feet and good bone, and bred to the boars at the head of the herd are certainly good enough to be sought after by our very best breeders. Dr. Downs' sale will be the last of this circuit, but it will not be the least, and every man should make it a point to be present on this occasion. Kindly write Dr. Downs for catalog and please mention The Homestead when doing so.

#### McKEEVER BROS.' SHORT-HORN BULLS.

Messrs. McKeever Bros., of Farley, Iowa, are old-time breeders of Short-horn cattle of the most approved business sorts. At the present writing they have an exceptional lot of young bulls; in fact, the best that they have yet had to offer the public. They are sired by their present herd bull—Victoria's President of Maine Valley. This bull is a straight Cruickshank Victoria, and one of the best specimens of the breed. He is a very thick, compact bull, of typical Scotch type and appearance and possesses all the good qualities necessary to the making of a great sire. The young bulls now on hand are a superior lot from every point of view, and at the prices asked for them, are certainly within the reach of all. They are pre-eminently reds in color and of the low, thick sort so much in demand throughout the middle West. Farley is located in Dubuque county, and the McKeever Bros. farm is just one mile west of town. Anyone in quest of a good bull will find these people thoroughly honorable and entirely truthful in all their statements relative to their cattle. Homestead readers can do no better than visit the McKeever Bros. if in need of a good red Short-horn bull at modest price.

#### CASTLE'S DUROC SALE—LAST CALL.

One of the good lots of females to be sold this season comes from the well-known herd of Durocs owned by Messrs. E. M. Castle & Son, of Joy, Ill. This sale will be held in town in heated pavilion, Friday, January 18th, the day after Messrs. McNeil Bros.' sale at Bowen, Ill., and breeders will find it convenient to get from one sale to the other. Forty head make up this offering, twelve aged and yearling sows and twenty-eight gilts. They are bred to Perfection Chief, one of the best boars to be found anywhere. This boar won first as yearling, 1905, and first as aged boar at



FRED S. CASTLE.

Wisconsin State Fair, 1906; second-prize yearling boar, 1905, and second-prize aged boar, 1906, Minnesota State Fair, and third-prize yearling and headed third-prize young herd Iowa State Fair, 1906. Several sows are bred to Sue's Tip Top Notcher, he by Tip Top Notcher; some to Prince Paul by Champion Paul; others to Prairie Advance by Proud Advance. We take pleasure in recommending this offering to our readers. Bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. Write for catalog at once, kindly mentioning this paper.

#### DISPERSION OF THE LATE O. L. KERR HERD OF O. I. C.'S.

Breeders of the O. I. C. throughout the corn belt will be interested to know that the



herd of O. I. C. swine owned by the late O. L. Kerr, of Independence, Mo., will be

THIS MEANS JUST WHAT IT SAYS. These are not "razor backs" but pedigreed pigs. Eligible to Register and are FREE, except Express, to any liveman or boy. One or more of these pigs easily secured. For particulars and copy of Best Swine Magazine, write Edwin, Box 14, Prescott, Ill.

dispersed on February 6th and 7th. Not an animal has left the herd since the death of Dr. Kerr. Kerr Dick and Big Mary will be in the sale, as will all the other herd boars and the sows that have produced the winners. Mr. Llewellyn Jones, of Independence, Mo., administrator of the estate of Dr. Kerr, has the sale in charge and all communications should be addressed to him. Watch for future announcements.

#### SMITH'S DUROC JERSEY SALE.

Thirty-five head of choicely-bred Duroc Jersey sows have been selected from the well-known herd of Mr. J. A. Smith, of Sciota, Ill., for his forthcoming brood sow sale which will be held on Wednesday, January 23d. The offering contains the blood of such noted sires as Tip Top Notcher, Hanley, Best of Top Notchers, Stoner's Improver and others of equal merit. Miss Seckman by Tip Top Notcher is an unusually good, broody sow of show-yard type and quality that will prove a valuable addition to some good herd. The Lad's Perfection by The Lad for Me and a very good sow by Best of Top Notchers will certainly prove attractive to the breeder who is in search of good breeding stock. The gilts are uniform and growthy and stand on good feet and legs. The entire offering is sold in good breeding condition, not pampered or burned out with corn, but is sold in good, serviceable shape, fit to do breeders or farmers much good. The catalogs are now ready and will be sent to readers of this paper as per the announcement on page 31 of this issue. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Smith, will be properly handled. Kindly mention The Homestead when writing.

#### ROYAL GILTS FOR YOUR MONEY.

Mr. A. H. Jeffrey, of Indianola, Iowa, one of the old breeders in the Poland China business, has something to say in this week's issue about gilts that will certainly attract the attention of thoughtful breeders. We have just seen the choice bunch which Mr. Jeffrey is offering and have no hesitancy in saying that they can stand a great deal of praise. They are sired by Royal Purple, a grandson of L's Perf. 22488, and are worthy representatives of the strong individuality of their sire. The offering is from early litters, March and February, and have been growing right along so that at farrowing time they will be fully able to care for their litters in the best possible manner. They are bred to Paddy, a grandson of Perf. Perfection 24235. He is a strong individual in length and depth, hack and ham and carries all the bone that a good hog should. Mr. Jeffrey has been breeding hogs for thirty years and his late winnings at the Warren County Fair in strong competition testify to the high quality of his breeding work. As the offering is small and the price very reasonable we would advise buyers not to delay. On page 28 appears the advertisement. Kindly mention The Homestead when making inquiry.

#### LAST CALL FOR THE HUDSON DUROC SALE.

Mr. W. H. Hudson, of Lohrville, Iowa, will sell thirty-five head of well-bred Duroc Jersey sows at his farm on the above date. Mr. Hudson is offering a particularly attractive lot of sows in the sale, carrying the blood of Ohio Chief, Tolstoy, Crimson Wonder and Nebraska Belle. There will be five mature sows and five fall yearlings, the rest will be spring gilts. There will be two granddaughters of old Orion in the sale and a granddaughter of Tolstoy, the sire of Crimson Wonder. He has picked out his very best gilts for this first annual offering and in all fairness to Mr. Hudson we can say that for a comparatively new breeder he has selected and has bred some surprisingly good gilts. These will be bred to Ohio Chief Primrose, a son of Ohio Chief; Jim's Junior, a son of the \$5,000 boar, Junior Jim, and Re-Echo, a son of the prize-winning boar, Critic's Echo. Among the older sows that he will sell is Lady Belle, and she is bred to Ohio Chief Primrose, and Mahle H. is a granddaughter of Tolstoy and is bred to the same boar. The gilts are a very toppy lot, with good heads and ears, good feet and legs, and the man who goes to this sale will not be disappointed in the offering. Write for catalog and kindly mention The Homestead.

#### LAST CALL FOR THE WERNSMAN DUROC JERSEY BRED SOW SALE.

With this issue we announce for the last time the bred sow sale to be held on January 19th, by Mr. Jacob Wernsman, at Cedar Bluffs, Neb. We know from personal inspection something of the high character of the offering that will be lined up for this event and the boys will have to sit up and take notice when this bunch of forty-five head of brood sows go through the sale ring. If you don't want big ones, stay at home, as Mr. Wernsman puts out the kind that tips the scales at a good round figure whenever they are sold. We are safe in saying that this will be one of the best offerings of good, big-boned, useful sows that will be sold anywhere in the state this winter. It is high-class stock in every particular that will come before buyers at this time. It will be remembered that this is the home of Chitwood, the sire of Junior Jim, one of the highest-priced Duroc Jersey boars in the business today. He is sired by Larchwood by old Duroc Challenger. He is an extra good sire and breeds a type that are good feeders and mature at a very early age. Mr. Wernsman is also using Nutwood, a son of Chitwood, that he considers will make as useful a sire as the old hog. The latest addition to the herd was a very fine young boar purchased from Mr. B. C. Martz, of Polk City, Iowa. This youngster, Col. W., is a son of Colonel Perfection, and we consider him one of the most promising youngsters seen this year, and several of the very best gilts will be bred to him. There will be forty-five head of good, useful sows in this sale, of which twenty-five will be aged and yearling. Of these the greater part will be bred to Chitwood and those related to him will be safe in pig to Young Surprise, a son of Surprise, that Mr. Wernsman is using to good advantage. Taking everything into consideration we consider this a grand opportunity to secure the right type of a useful Duroc Jersey sow. They are daughters of such boars as Crimson Wonder and Echo King, and two are daughters of a full sister to Junior Jim. Seven of the best sows in the sale are granddaughters of Gold Dust Jim, first-prize hog in class at the Iowa State Fair. Mr. Wernsman has a nice catalog ready explaining



#### THE OLD RELIABLE ..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills.  
TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs.  
I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.  
Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

#### COMING SALES OF BRED SOWS

Should be advertised in

## THE TWENTIETH CENTURY FARMER.

NO OTHER farm paper reaches all our 65,000 paid subscribers among the farmers and breeders of Nebraska, Iowa, Missouri and Kansas. Sale rates are reasonable and a field man will visit your herd if you will give him an order.

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everything, which can be had by dropping a card to him at Cedar Bluffs. The sale will be held right in town and those from a distance will find free entertainment at the Merchants hotel. Mail bids may be sent to Colonel Callahan or to Mr. Ray Page, who is representing The Homestead.

#### HANKS & BISHOP'S DUROC SALE.

Among the good herds of Duroc Jerseys owned in Iowa is that of Messrs. Hanks & Bishop, of New London, Iowa. These gentlemen have secured their breeding stock from some of the best herds and have exercised unusually good judgment in selecting the same. The writer representing The Homestead, recently inspected their offering and it is with a feeling of satisfaction that we recommend it to our readers. Uniformity of type and conformation coupled with good individuals have given these gentlemen the claim that no one will be disappointed in the offering on sale day. The offering is made up of ten yearlings and aged sows and about thirty spring gilts. They are bred to Model Wonder, acknowledged the best son of the sweepstakes boar, Crimson Wonder I Am, farrowed in 1906. The writer wishes to state that he has never seen a better spring male than this one from Crimson Wonder I Am, and none better from any boar. This is a strong statement, but is backed up by a pig of more than usual merit, and if carried along in his present form, should be heard from in the fall shows. A number of the gilts are bred to Iowa Chief, a son of Golden Rule, the principal herd boar in use in the noted herd of Mr. R. C. Watt, of Cedarville, Ohio. Iowa Chief is a very good boar and sows of leading strains crossed with such noted boars should be a good investment for anyone. Further particulars will appear in our next issue. Write for catalog as per the announcement on page 31 of this issue, kindly mentioning The Homestead.

#### LAST CALL FOR THE W. J. McLEAN SHORT-HORN SALE.

On January 14th, at Rock Valley, Iowa, Mr. W. J. McLean will make a public sale of fifty head of exceptionally well-bred Scotch and Scotch-topped cattle. It is with pleasure that we call the attention of Homestead readers to his sale, not only because he is offering an excellent lot of cattle, but behind them stands a man whose reputation as a breeder is par excellence. We therefore say to those who buy in the McLean sale that they will get cattle that are just as they are represented. The first animal in the catalog, and a cow that he regrets to part with, is Imp. Celia 9th. This splendid roan cow was bred by Mr. Campbell, of Scotland, and is a daughter of the Duthelred bull, Proud Star. She is safe in calf to the splendid bull, Choice of Archers, and a calf from this mating should be something good. Col. Geo. P. Bellows once remarked about her when a two-year-old that she had no superior. She goes into the sale without any strings on her and she will fit nicely in any of our best herds. She is a nicely-bred Miss Ramsden. Golden Lass is another of the choice attractions. She is a three-year-old, a daughter of Sittytown Hero and will have a calf on sale day by the great bull, Ceremonious Archer. He sells a nice two-year-old Victoria heifer called Queen Victoria 7th, and she is bred to his splendid herd bull, Valley Sovereign, one of the best bred Scotch bulls in northern Iowa. He is a son of Imp. Matadore and out of the great cow, Lily of the Valley. Mysie Lady, a seven-year-old daughter of Abigail, and a richly-bred Mysie, bred to Valley Sovereign, will be one of the good things in the sale. Generosity of Lakewood and Evelyn of Lakewood are both well-bred Scotch cows, and are both in calf to the Scotch bull, Morning Joy. There will be several very choice heifers in the sale. One of these is Matchless 10th, a yearling, a daughter of Valley Sovereign out of Matchless 7th of Main Valley. She belongs to the Matchless tribe and is a good one. There will be nine young straight Scotch. One of these is a roan called Sittytown Chief by Sittytown Lad, and he will make a good herd bull for some breeder. Viscount of Agle is a three-year-old and a son of Golden Charity Prince. He is a good medium bull and is an excellent server. He is offering a richly-bred Narcissus bull and a two-year-old son of Earl Victor. There will be bulls in the sale that

will be fit to head herds and also to go to farmers who are looking for a bull that will sire market toppers. Mr. McLean's catalog is out and ready to be mailed. Readers of The Homestead are requested to write for it and kindly mention The Homestead when doing so.

#### ROWE'S DUROC SALE, JANUARY 21ST.

A sale of Duroc Jersey bred sows that should attract attention among leading breeders of the corn belt is that of Mr. J. E. Rowe, of Stockham, Neb. This sale will be held at his farm, one mile from town, on January 21st, and we can recommend it as the place to secure something good in the Duroc line. It is seldom that a new breeder puts in as good an offering as Mr. Rowe will sell in this sale. In this offering there will be thirty-five head of fall yearlings and matured sows and a very choice lot of spring gilts. We feel that we cannot say too much about this grandly-bred lot of sows and Mr. Rowe is to be highly complimented on being able to put such a choice lot through the sale ring. In this sale will be sold three daughters of Middle Rose Lady, the first and sweepstakes sow at Nebraska State Fair last fall. These sows are sired by Sir Leicester 14069, the hog that has sired most of the show stuff that Mr. Rowe has won on in the last two years. Several of the older sows in the sale are bred to him. Billy Medoc, a son of Medoc, is doing good service in this herd, as you will see when you look over the bunch of gilts that are sired by him. These gilts are bred to J. P. Advance, a son of Jumbo Paymaster. Mr. Rowe certainly has a combination of blood to offer here that should attract the very best breeders. He is offering some of his very choice sows. The color is invariably on the cherry red order and they have wonderful spring of rib, depth of ham and good feet. If you are looking for something good to add to your herd you can find it in this sale. Catalogs are now ready and will be sent to you on application, and then you will surely want to attend the sale. When writing please mention The Homestead.

#### GREAT CLOSING OUT DUROC SALE.

On January 23d, the firm of Peek & Putman, of Tecumseh, Neb., will close out their entire herd of Duroc Jersey hogs, including fifteen head of tried brood sows, twenty head of good yearlings and ten head of richly-bred gilts. This we consider one of the best opportunities of the season to secure good Duroc Jersey bred sows, such as can only be had by years of careful selection from the best herds in the business. On account of Mr. Peek, of this firm, moving away to another part of the state, the entire herd must be sold to secure a proper division for both parties concerned. It would be hard to find a herd of hogs in the state of Nebraska that has a larger combination of good breeding than can be found in this herd. Mr. Peek put in three weeks last fall among the good herds of Illinois and brought home five of the best young boars and gilts he could find in that country, on two occasions topping good sales in order that he might get the best. Here will be a chance to pick up a tried brood sow, a good yearling or a good gilt. They sell them all and you can be the judge. The great sow, Banner's Top, is by Tip Top Notcher, and is bred to the great Kan't Be Beat for an early March litter. Boys, if you are looking for a sow with quality and breeding, don't forget this one, as she is one of the best things to be sold in any sale this year. She was bred to the great Kan't Be Beat, which ought to be a wonderful cross. There will also be sold in this sale two of the best Ohio Chief gilts that we have looked at recently, one of them bred to Tip Top Notcher Jr., a son of Tip Top Notcher, the other to Young Hanley by Hanley, the great boar now at the head of Messrs. McNeil Bros.' great herd, of Bowen, Ill. The boar at the head of this herd and the one that most of the aged sows in this sale will be bred to is Crimson Wonder. This hog is a good individual and as a sire has proven the best thing that this firm has ever used. He is assisted by Lincoln Top, a son of Morrison's Bell Top. This pig was the top in the Wilson sale at College View in October, Mr. Putman paying \$230 for him. They are also using a son of Tip Top Notcher, a son of Buddy K. IV, and a pig by Hanley, and they are



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Bright Star II. 36490a....

Stoner Boy 9353a....

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Echo King 8671a....

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Carl Decker 6359

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Roseville 16164

Lunnet 14207

Sensation 7393

Daisy Belle 20146

Corrector 9739

Margaret N. 26142

Helen's Tip Top  
Notcher 47489

Farrowed Sept. 20,  
1905. Bred by Fagan,  
Browning, Hess & Mc-  
Cabe, Hersman, Ill.

Tip Top Notcher 20729...

Helen Blazes 64502.....

Top Notcher 8803a....

Duchess 40th 18953a

Morton's Wonder 8041a

Col. M.'s Variety II. 19608a

Mingo Lad 9759a

Wonder Duchess S. 24508

M. D. of Lafayette 8419a

Hatty Gold Dust III. 11423

KING OF IOWA 40795, "The sire of Show Hogs," by Morton's Choice 20347; dam by King Edward VII. 11421. KING I AM by Big I Am 29395 by Buddy K. IV. 20861, dam Belle Hanley 105404 by None Such 110027a.

FIFTY SOWS WILL BE BRED TO THESE FOUR BOARS AND PUT IN OUR WINTER SALE, JANUARY 17, 1907.

SEND BIDS TO D. M. PIERCE, REPRESENTING THIS PAPER. **McNEIL BROS., BOWEN, ILL.** Correspondence Solicited, All Inquiries Promptly Answered.

all good ones. Catalogs are now ready and can be had by dropping a card to this firm. Sale will be held in comfortable quarters. No postponement on account of bad weather. Mail bids may be sent to Mr. Ray Page, representing this paper, and they will be carefully handled.

POST SELLS BRED SOWS JANUARY 22D.

On January 22, 1907, Mr. G. W. Post, of York, Neb., will offer a draft of forty head of Duroc Jersey bred sows, including ten good aged and yearling sows and thirty gilts, the tops of this year's crop of pigs. We ask those wanting something good in the Duroc Jersey line to secure a catalog at once and arrange to attend this sale where will be seen something good, both in breeding and individuality. Mr. Post believes in raising the early-maturing kind of a hog and those at the ringside on sale day will be convinced that early maturity, size and quality can be combined in one hog. Most of the gilts included in the sale are daughters of Top Notch 41815, a son of Tip Top Notcher. His dam was Goldie O. 40th, the dam of more prize winners than any sow living. This hog weighed 640 pounds at twenty-two months old and was pronounced by competent judges one of the best boars Tip Top Notcher ever sired. These gilts will be bred to Ohio Chief I Am by the great Ohio Chief, dam Royal Lass by Nathan. Here we have the cross of the blood of two of the greatest Duroc Jersey boars in the world and any man purchasing one of these gilts has the right to expect something good from them. As a special attraction to this sale Mr. Post will sell Briggs' Choice, which he considers the very best sow he has on the place. She is by Colonel Bills and having for her dam Fancy Girl by Wonder, and will be safe in pig to Top Notch. She was the top sow in Messrs. Briggs & Son's 1904 bred sow sale and has been a profitable sow to Mr. Post. Remember the date, January 22d. Write for catalog and arrange to attend this sale. It will be held right on the fair grounds near York and in comfortable quarters. Colonel Callahan will do the selling and mail bids may be sent to him or to Mr. Ray Page, representing The Homestead.

THE GREAT ANGUS AUCTION AT SOUTH OMAHA.

What Sale Manager McGavock characterizes as the most superior lot of Angus he has ever offered at South Omaha, will be auctioned in the sale pavilion there on Friday, January 18th. No man is better posted on Angus breeding and type than Mr. McGavock, and as he has seen the cattle he is in a position to know their merits. Mr. C. B. Gray, of Corwith, Iowa, consigns seventeen head, including the Blackbird bull, Blackbird Wouder, a six-year-old by the famous Bell's Eclipse, and from a dam by Imp. Jim Jams, that was out of a dam by Imp. Guinea. The breeding of the bull could not be better, and he and his get will speak for themselves on sale day. A son and three daughters of Imp. Prince Ito, from dams of the most fashionable families of the breed would be attractive in any auction that was ever held in any country. Blackbird of Woodlawn 14th, a two-year-old by this great Highland Society champion and great \$9,100 bull, was bred by Messrs. Pierce. She belongs to the celebrated fourth branch of the aristocratic Blackbirds and is from a dam by the sire of champions, Bell's Eclipse, and her second dam was by Moon Eclipse, Woodlawn Barbara P., also by Imp. Prince Ito, and out of a Barbara dam that is doubly Erica topped. She is also two years old and one of the most attractive animals of the auction. The third daughter of Imp. Prince Ito consigned by Mr. Gray to the auction, is Nightingale of Woodlawn 5th. She is from a family with which the Messrs. Pierce have succeeded in producing many prize winners, descending maternally from a dam by Black Knight, the greatest Angus bull produced in America. One of the best-bred Erica females to be offered at auction is Erica of Woodlawn. She is also two years old, in calf to the Blackbird bull, Scottish Hero, a son of the International prize-winning bull, Woodlawn. Her dam, Maplelawn Erica, was by Prince of Estill, a Pride bull by the Ballindaloch-bred Imp. Entwistle, and from a dam whose sire and dam's sire were both bred at Ballindaloch. Lord Woodlawn, the champion of the Trans-Mississippi Exposition, is represented in the offering by his six-year-old daughter, Longbranch Crocus 2d, of the noted Crocus family and from a dam by Gay Blackbird. She will be sold with heifer calf at foot by Blackbird Wonder. Mr. Gray's entries not only represent the most fashionable families, but the greatest sires of the breed. A full list of consignors will be found in the advertisement and no Angus breeder can afford to miss this one of the greatest Angus auctions ever held in the West. The two-year-old Barbara bull, Baron Ito 2d, by Imp. Prince Ito, should

be looked after by those in search of herd headers. Special attention is called to the fact that Mr. W. D. Reynolds, of Villisca, Iowa, consigns ten head of very superior animals of the record-breaking, champion-producing, Drum-in-Lucy family, and he also includes representatives of other good sorts. Messrs. N. G. Daughmer & Son, of Douglas, Ill., sell a dozen sons and daughters of the double Blackbird bull, Blackset, by the champion sire, Black Monarch of Emerson, and out of the champion-producing dam, Blackcap 5th, and Blackset was himself a first-prize winner at the American Royal. Attractions are many for Angus breeders at Omaha, January 18th.

MOATS' GREAT HORSE AND MULE SALE.

On Friday, January 25th, Mr. M. S. Moats, of Randolph, Neb., will make one of the best Percheron horse and mule sales that has ever been pulled off in northeast Nebraska. He will sell thirty-three head of Percheron bred mares, horse colts and geldings, and twenty head of yearling and two-year-old mules. The most of these mares and colts will be sired by McMahon 23340, a horse that made a reputation for being the best Percheron stallion ever used in northeast Nebraska. The younger colts are largely sired by Blackbird 33756, a five-year-old coal black Percheron stallion weighing a ton. The latter horse now stands at the head of the Moats stud, and bred to these McMahon mares, the produce is simply as good as can be found anywhere. No. 1 of catalog is an eight-year-old mare called Juliet 22862. She is a black mare weighing 1,800 pounds and was bred by Mr. H. G. McMillan. Her sire is Nubian 17467 by Pluton by Vaillant. She is one of the best registered mares in Nebraska and she is safe in foal to Blackbird 33756 since May 21st. Here is a mare that any man can afford to buy, no matter what he has to pay for her. There will be a grand lot of mares and geldings in the sale sired by McMahon, and these will weigh from 1,200 to 1,600 pounds. There will also be a number of good horse colts in the sale. The geldings that he is selling will make great work horses, they having the size, the bone and the general conformation. They are excellent in color, are toppy actors, with plenty of style, and the man who wants this class of horses should not miss this sale. At the same time he will also sell twenty head of yearling and two-year-old mules. These are solid colors and are in fair flesh. They are a nice, thrifty lot and will make good, big-headed fellows and good money makers for whoever buys them. Write Mr. Moats at once for catalog and kindly mention The Homestead.

LAST CALL FOR THE COLLICOTT DUROC JERSEY SALE.

One of the good Duroc Jersey brood sow offerings that will be held in the early part of January is that of Mr. S. G. Collicott, of Lake City, Iowa, on January 16th. Mr. Collicott is one of the younger breeders, and this being his first public sale he has selected his very best. Of the forty head, thirty will be yearling and matured sows, and the rest are spring gilts. The sows that he is offering are descendants of old Higgins' Model, Belle's Chief, Tip Top Notcher, Orion and Leather Stockings, and are bred to S. G.'s Crimson Improver, a son of the noted Iowa State Fair sweepstakes boar, Crimson Wonder I Am, and Waveland Ohio Chief X, a son of the World's Fair boar, Ohio Chief. A number of the sows are sired by Jasper Jumbo, a son of Carroll Jumbo, by old Jumbo Red. Two of his best gilts are sired by Crackerjack 43787, a son of Red Chief G., and both of these are bred to Waveland Ohio Chief. He also sells a good gilt by Clovercroft Tip Top, a son of Tip Top Notcher out of an Orion II. sow. She is bred to the Ohio Chief boar for March farrow. There are a number of gilts in the sale sired by Adjuster, a son of old Dandelion, the boar that formerly headed the Manley herd, and there will also be a few gilts in the sale sired by Leather Stockings II. He is selling some good yearling sows that any breeder or any farmer can well afford to buy. A perusal of the Collicott catalog will reveal a lot of rich breeding. Females bred to a son of Ohio Chief and Crimson Wonder I Am, should certainly attract the storker for a pedigree, but better than all, he has the kind of sows the people want. Mr. Collicott says that he has fed this offering a balanced ration and has spared neither time nor labor to have them just as he wants them. He is offering the boys a good class of Duroc Jersey sows and they are not only bred right, but they are fed right, and they will do the huyer good who gets them. This is Mr. Collicott's first sale and every breeder in his section of the state should turn out and give him a helping hand. He needs their assistance in this sale, and they will be pleased with the offering that he will put up on sale day. There

TWO GREAT DUROC SALES

January 24 and 25, 1907.

January 24th we will offer thirty head of choicely-bred sows—twelve aged and eighteen gilts—including Marie Antoinette (the first-prize yearling at Sioux City, defeating the Des Moines and Minnesota State Fair winners). Most of the sows are bred to King Solomon or boars of equal merit. Sale will be held at Sol. Frank's farm, Sioux City, Iowa. Remember the Stevenson & Cantine sale January 25th. Good connections from Sioux City. For catalog address Sol Frank, Sioux City, Iowa.

SOL. FRANK, Sioux City, Ia.  
JULCH BROS., James, Ia.

On January 25th we will sell at the Cherokee farm three and one-half miles southeast of Quimby, Iowa, forty head of bred sows, representing the blood of Crimson Wonder Jr. (best son of Ohio Anna 8th), Pericles, Advancer, Top Notcher Chief, Keep On and Ohio Chief. Every sow a good one. Remember the sale at Sioux City, January 24th. Write for catalog. Col. P. McGuire will do the selling.

C. R. STEVENSON or  
LEE CANTINE, Quimby, Ia.

TOO LATE TO CLASSIFY.

PETERSON'S BLACK PERCHERONS.

FOR \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.

H. E. PETERSON, LYONS, NEBRASKA

10 Red Short-Horn Bulls For Sale



12 TO 17 MONTHS OLD.  
Sired by Victoria's President 208996.  
McKEEVER BROS., Farley, Iowa.

5 Black  
Percheron Stallions 5  
FOR SALE.

ALSO have a coking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,  
J. S. GOLDER, Scribner, Neb.

Royal Purple Poland China Gilts

A CHOICE collection of March and Feb. gilts, sired by Royal Purple 40006, by Big Perf. 27189. On dam's side they represent Chief Tec. 3d. Gilts bred to a Keep On boar. First-class stock, the result of my 30 years of breeding. Prices, \$25 and \$30. They will go quick. A. H. JEFFREY, Indianola, Iowa.

50 Duroc Jersey Sows.

3 Proud Advance Sows  
4 Orion Sows  
Will be sold in Our Sale at  
LYONS, NEB., February 27, 1907  
Jno H. Tryon & Son, Lyons, Neb.

RED POLLED BULL FOR SALE

ELEVEN months old, sired by Rex 10907, eligible to registry and of good milking strain. Right type and well grown. Price, \$60. Address,  
A. H. JEFFREY, Indianola, Iowa


will be twenty-five junior yearling sows in the sale and five tried brood sows and ten spring gilts that will weigh from 250 to 280 pounds, with a post under each corner. Write for his catalog and please mention The Homestead.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II., 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

LIVE STOCK AUCTIONEERS.

FRED REPERT,  
DECATUR, IND.  
Live Stock Auctioneer.



AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312

Jones Nat'l AUCTIONEERING

School of  
and ORATORY, 231 Ashland Blvd. Chicago, Ill.  
All branches. Special instructors.  
Term opens soon. Free Catalog.  
CAREY M. JONES, Pres.

GEO. P. BELLWS

LIVE stock auctioneer. Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

C. C. KEIL, LADORA, IA.,  
LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs Write for dates, mentioning The Homestead.

F. H. JACKSON, Rutland, Ill.  
LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

A. V. LOCK, REMINGTON, INDIANA  
Live Stock Artist.

Work satisfactory. Prices reasonable.



# MOATS' GREAT PERCHERON HORSE AND MULE SALE

33

RANDOLPH, NEBRASKA, FRIDAY, JANUARY 25, '07

20

MULES

MARES, FILLIES, HORSE COLTS AND GELDINGS AND



In this sale will be a lot of daughters of the well known horse McMahon 23340, considered the greatest Percheron stallion ever used in northeast Nebraska. Many of these will be safe in foal to BLACKBIRD 33756, a ton horse and now at the head of my stud. One of the best mares I am offering is JULIET 22862, a black mare, bred by H. G. McMillan, and will weigh 1800 pounds. She was sired by Nubian 17467. She is one of the BEST REGISTERED MARES in the state and is safe in foal to Blackbird 33756. There will be some great Percheron geldings in this sale weighing from 1300 to 1600 pounds.



## 20 Head Yearling and Two-year-old Mules.

These are good solid colors and in fair flesh. A nice thrifty lot that will make good, big headed fellows and will be good money-makers for those that buy them. If you want PERCHERON BRED horses and mares or good mules you should come to my sale. It will be the greatest horse sale ever held in northeastern Nebraska. Write for catalog at once. Address,

COL. GEO. P. BELLOWES,  
AUCTIONEER

M. S. MOATS, RANDOLPH, NEB.

Kindly mention Iowa Homestead  
when writing for catalog.

### Last Call for McNeil Bros.' Noted Brood Sow Sale.

Thirty tried brood sows, such as Messrs. McNeil Bros., of Bowen, Ill., are putting in their sale are seldom seen in one offering. They have selected a number of their best producers, and as well bred as they are individually and having crossed them with as good boars as the breed affords, the produce will not in any way be a disappointment to those who secure stock from Maple Grove Herd. In our last issue we called particular attention to some of the boars in use in the herd. This week we wish to call attention to the class of females which are being offered to the public on Thursday of next week. Females that are known breeders of high-class stock when properly mated have been selected. Such a brood sow is found in Irene Clayton 32658 by Judo 7655 by Marti II. The writer has seen but few sows as good as this one to go under the hammer this year. She is of that good brood sow type, which the best breeders have for years sought to install in their herds. As ample proof of her breeding qualities her daughter, Sadie Mc 102315 by Cantine Boy by Cantine, will be offered for sale. Breeders and farmers are aware of the fact that never in recent years has the demand for good breeding stock been as brisk as it is at the present time. The farmer of today is the breeder of tomorrow and it is to the interest of very reader of this paper to secure the best stock for the foundation of herds or to those who already have herds it is just as important to secure the best stock. Such stock is found in the offering of Messrs. McNeil Bros. Another one of the good ones is Conqueror's Lady 137792, a daughter of the great Conqueror 32661. This sow is a full sister to the top of the fall sale, Creamie, that went to Mr. H. E. Browning, of Heresman, Ill., at \$400. She is a plump, good one in every respect and would be a valuable addition to any herd. Minnie Advance 129764 by Proud Advance, one of the most noted sires of the breed, is a litter mate to the Proud Advance gilt that sold in the fall sale of Messrs. Fagan, Browning & McCabe, at the record-breaking price of \$500 for an open gilt. She goes in the sale bred to Hanley, a boar that needs no recommendation as to his breeding characteristics other than his get show for themselves. Some breeder wanting to add this cross to his herd will do well to keep this sale in mind and particularly this Proud Advance gilt bred to Hanley. Fay Russell is another of the attractions of the sale, as is her daughter, Sallie Russell. Both of these sows are bred to Hanley. Pansy Blossom by Big I Am, by Buddy K. IV., is a very good sow and will be appreciated when seen. There are a number of other good sows which are equally deserving of special mention, but they are of the same good type which are found in all of Messrs. McNeil Bros.' sales. The herd boars, Hanley and Helen's Tip Top Notcher, carry the best blood the breed affords and through their liberal patronage have added as good blood as is found anywhere. The writer, representing this paper, is pleased to recommend the offering to our readers and is confident that the readers of this paper will be well treated sale day or any time they find it possible to visit this well-known herd. The catalogs are a work of art and will be sent to all who write for same as per the announcement on page 28 of this issue. Five generations are shown of each animal and the blending of the blood contained in this herd has given to the breed some of its greatest show and breeding animals. Plan to be present on Thursday, January 17th. If anyone interested in Durocs cannot be present, bids sent to Mr. D. M. Pierce, representing this paper, will be carefully handled. These bids should be sent in care of Messrs. McNeil Bros. Look up the announcement and get catalogs, which are ready. Kindly mention The Homestead when writing.

### Select Short-horns at Auction at South Omaha.

Mr. McGavock has inspected the cattle for his auction at South Omaha on January 17th, and he promises those who attend and those interested that he will present on this occasion the most superior offering of individuals that he has ever cataloged for an auction. The five-year-old imported Scotch bull Emperor 2d, Mr. McGavock succeeded in

obtaining as an attraction to this auction. He is not only a show bull, but the sire of International prize-winning calves and belongs to the Cruickshank Brawith Bud family, and was got by the Cruickshank Secret bull, Emperor, a son of Mountain Archer by the celebrated Scottish Archer. He is a beautiful roan and represents the best type of the Aberdeenshire Short-horn. Six high-class females intended as a nucleus for a herd at Riverdale, have been secured for this auction and are the last of the Short-horns owned by the S. E. Prather Co. The straight Scotch two-year-old heifer, Portia, of the Cruickshank Secret family, was got by the Duchess of Gloster bull, Gloster King, by Scottish King. She is a heifer of superb symmetry, with drooping horn and rich red color, and should command a good price wherever straight Scotch animals of the best type are appreciated. She is in calf since September 11th to Scottish Robin, a son of Imp. Cock Robin and an imported Scotch cow. Another straight Scotch red heifer is Rose Archer, descending maternally from Imp. Eliza, bred by Mr. Murray, of Aberdeenshire. She is sired by Imp. Master Archer, an International prize winner and full brother to Ceremonious Archer, the International champion and \$5,000 bull at the head of Colonel Lowden's herd. Roan Bess, calved March 3, 1906, is as big as a yearling and as ripe as a two-year-old. Even though calved at a date somewhat to her disadvantage, the best yearlings of this year's shows will find it difficult to defeat her if she is exhibited. She was got by the Scotch bull, Goldust and out of Sonerila 10th, a cow of wonderful scale and quality that was sired by the Scotch bull, Baron Keepsake by Imp. Baron Cruickshank. Barrington Rose was got by the straight Scotch bull, Village Chief, and out of a dam that was bred by the Messrs. Forbes and sired by Baron Gloster. She is also of showyard conformation and quality, and a very beautiful red in color. She is in calf to Imp. Highland Champion. The two cows, Royal Queen 3d and Roan Maid, are excellent individuals and good breeders, strong in Scotch blood, the former mentioned having an excellent bull calf at foot, and the latter being in calf to the straight Scotch bull, Pride of Riverdale, the highest-priced young bull of the Prather dispersion. The two show heifers consigned by Colonel Hart are beautiful reds of grand quality and he also consigns a great breeding cow in calf to Imp. Sovereign. Breeders should also remember that Messrs. Hadley & Leach consign the three-year-old bull, Prosperity, and a number of his showyard get, with some of the most thick-fleshed, massive breeding cows the breed has ever produced. A daughter of Imp. Spartan Hero will be sent by Prim Estill of Athens, Ill. Catalog will prove interesting reading and will be mailed on application to Mr. McGavock.

### Allen Bros.' Chester White Sale.

Having been very successful in producing some first-class swine that have been winning premiums at the Des Moines fair, Messrs. Allen will hold a joint sale at Russell, Lucas county, Iowa, on Friday, January 18th. Sale is to be held in sale barn and those in attendance will be made as comfortable as possible. Col. H. S. Duncan and Charles Moorehead will conduct the sale, which will be an exclusively female offering of thirty-five head of gilts and yearlings. All sows are guaranteed to be bred. The largest part of the offering is sired by Grandee 11773 by Iowa Chief 341. This sire represents a very prolific strain as a record of his work will indicate. The average size of litters in these two herds the past year has been twelve. On the dam's side the breeding is equally strong and traces back to some of the best eastern stock. As a producer of large, uniform litters Lorne 12307 (a granddaughter of Iowa Chief) has been notable. She represents a very excellent type of white hog and, in fact, all numbers for the sale are very good in this respect. Excellent length, with strong back and straight bone is quite characteristic. Teddy Jr. 6398 (a noted sire that, as a two-year-old, weighed 700 pounds and was of the growthy, large kind) is represented by gilts in the collection. The offering is bred to either of two boars, Jack the Ripper 12627, by Victor 2d 11613, and Albino Chief by Abe 10296. These boars are very good individuals and their ability to produce some splendid stock cannot be doubted. Albino Chief has seven inch bone, and length to correspond. There

## SCOTCH AND SCOTCH TOPPED

# SHORT-HORNS

RED OAK, IA., MONDAY, JAN. 21, 1907

### CONSIGNORS:

Jno. M. Bixler, Corning, Iowa.  
C. E. Shoemaker, Corning, Iowa.  
George Mahr, Corning, Iowa.  
S. A. Bixler, Corning, Iowa.  
O. L. Leeklighter, Prescott, Iowa.  
J. A. Robinson, Prescott, Iowa.

40 Head 5 Head Straight Scotch Cattle 40 Head

There will be some splendid Scotch cows and heifers in this sale; also some excellent Scotch and Scotch-topped bulls, sired by Imp. Bapton Admiral, Diamond Rex (a son of Imp. Cock Robin), Double Lavender, and other noted Scotch bulls. There will be a grand lot of Scotch-topped cows and heifers selected from the above herds especially for this sale. The breeder and the farmer will find what they are looking for in this sale. Write for catalog at once. Address

JOHN M. BIXLER, MGR.  
Corning, Iowa.

COL. GEO. P. BELLOWES, AUCT.

These cattle will all be on exhibition at the short course at Red Oak, Iowa, the week preceding the sale.

Please mention The Homestead when writing for catalog.

are several gilts that carry the blood of Miss Lucky (a very valuable sow) now at her best in one of the herds. Her litters have been regularly produced and much admired. For length she is hard to beat, as she measures fifty-nine inches from crest to tail head, at the same time carrying herself well. Those who are after some good stock of this breed will do well to be in attendance at the sale. The stock will be in the best of condition, not hog fat, however. Remember the time and place and send for catalog to Mr. Charles Allen, Russell, Iowa. Kindly mention The Homestead. See advertisement on page 34.

### Sir Albany 9th 180123—A Hereford Show Bull.

The owners of the above bull wrote, on Sept. 19, 1906, as follows: "We have just returned from the fair circuit. His winnings at Hamline was second in class (a much stronger class than was shown at Des Moines) and if he had carried a little more flesh he would have been good for first place. At Sioux City he won out first in a very

strong class. He is a bull we are counting on for another year, as we will not use him so hard, and fit him out to win, as the judges liked him very much. He had been in service right up to the fairs, and as a breeder there is none better, as he breeds his type—heavy quarters, good color, not as dark as himself. He also breeds that fine drooping horn, and for a pedigree you will not find anything better in the herd books. His dam is a double cross Garfield cow, which sold for \$1,000 in 1901, and was bred by Mr. Adam Earl, and was the top of his herd. His sire, Albany, is the highest-priced bull ever imported to this country as a two-year-old—at \$6,000. Sir Albany 9th 180123 was shown by Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, and sold by them to Mr. B. F. Clark, of Albia, Iowa, to go to the head of his herd of Herefords. He will be in heavy service and perhaps will not be shown again, but will be there for inspection of parties looking for breeding stock of this class. Mr. Clark has been a reader of The Homestead for years and an advertiser in the columns with very good results, and we can highly recommend him to the farmer and others of the middle West. See illustration on page 23.



# GREAT WESTERN DUROC JERSEY SALE CIRCUIT

## 250

### THE CREAM OF SIX OF THE BEST HERDS IN THE STATE OF IOWA

Including daughters and granddaughters of Ohio Chief, Junior Jim, Crimson Wonder, Proud Advance, Tolstoy and other noted sires. Some of these were leading winners at the Iowa State Fair, including the first prize sow at Des Moines.

## 250

THE MOST UNIFORM LOT OF DUROC JERSEY SOWS THAT WILL BE SOLD THIS YEAR.

### JANUARY 19, 1907

Aug. Voge, Portsmouth, Ia., will sell at his farm

**40 Head** Eighteen fall yearlings and aged sows and 22 spring gilts. Three daughters of the World's Fair sweepstakes boar, *Tip Top Notcher* in sale; 8 daughters of *Crimson Wonder I Am 2d*, the third-prize boar at Des Moines; one *Junior Jim* gilt, and a daughter of *Lafollette*, considered one of the most sensational gilts of the year, bred to the first-prize Iowa State Fair boar, *Kruger Lad*, will also be sold. A big per cent of the offering will be bred to *Kruger Lad* and *Crimson Wonder I Am 2d*. If you want prize-winning blood come to my sale. Write at once for catalog. Address,

**Aug. Voge, - Portsmouth, Iowa.**  
Col. L. L. Luther, Auct.

### JANUARY 21, 1907

Grant Hockett, Manning, Iowa, will sell at his farm

**40 Head** Sixteen aged sows and spring and fall yearlings, rest spring gilts. Daughters of the great Orion, Model Chief, Crimson W., Rural and Hector, and are bred to

**I AM ADVANCE**

one of the greatest boars today in the state of Iowa; also to *Crimson W.*, *E. L. Perfecto* and a son of the great *Tolstoy*. I can show more uniformity and more size than has ever gone through an Iowa sale ring. Write me for catalog. Address,

**G. W. Hockett, - Manning, Iowa.**  
Col. L. L. Luther, Auct.

### JANUARY 22, 1907

Claremont's Bred Sow Sale, Audubon, Iowa.

**40 Head** of the best sows in the herd go at your own price. This sale includes *Claremont's Empress*, the first-prize gilt at Iowa in 1906, her litter sister, the gilts of the second-prize litter at Iowa, 1906, *Queen Orion*, the famous granddaughter of Orion, one of S. E.'s Model's best gilts and many others of great merit. This sale is made up of prize winners and sows of prize-winning blood.

**HERD BOARS.**

*Claremont's Model*, first-prize boar at Iowa, 1906; *Proud Advancer*, sire of the first-prize gilt and second-prize gilt at Iowa, 1906; *Audubon*, twice champion over all breeds at Audubon County Fair, and *Claremont's Prince*, a grandson of *Proud Advance* and Orion. Write for catalog. Address,

**JOHN WEIGHTON, - AUDUBON, IOWA.**  
Col. L. L. Luther, Auct.

### JANUARY 24, 1907

J. E. Wehr, Portsmouth, Ia., sells the cream of his herd.

**40 Head** Fifteen yearlings and aged sows, rest spring gilts. Sired by *Munson's Perfection*, first-prize boar at Des Moines; *Bryan M.*, a grandson of Duroc Challenger; *King Perfection*, sweepstakes boar at Des Moines, and other noted sires. Bred to *Proud Advance Jr.*, Orion's Model, *Young Surprise* and *Minnesota Chief*, first-prize boar Minnesota, 1906. I never offered for sale such a lot as will go through my sale ring this year. Write me for catalog.

**J. E. Wehr, - Portsmouth, Iowa.**  
Col. L. L. Luther, Auct.

### JANUARY 25, 1907

**Public Sale of Duroc Bred Sows.**

On January 25, 1907, I will sell fifty head of sows, six by the old hog, Orion 5293, six by *Proud Advance*, three by the sweepstakes hog, *Crimson Wonder I Am*, including one full sister to the sweepstakes boar, *Crimson Wonder Again*, others by *Junior Jim*, *I Am a Wonder*, *Young Advance*, *Tienstin* and other boars. I will also include the great yearling sow, *Ruberta*, winner of first prize at Iowa State Fair last year. They will be bred to the \$5,000 boar, *Junior Jim*, *I Am a Wonder*, Orion's Son and *Tienstin*, sire of *Ruberta*. Write for catalog and mention *The Homestead*.

**F. E. GARRETT, - LOHRVILLE, IA.**

### JANUARY 26, 1907

Clovercroft Durocs at Public Auction at Glidden, Iowa.

**40 Head** Fourteen tried brood sows and yearlings, balance gilts. Daughters of *Clovercroft King*, *Clovercroft Tip Notcher*, *Adjuster*, *Peerless*, *American Royal*, *Belle's King*, *Advance* and the great Orion. They are bred to the great *Long John*, *Clovercroft Orion*, *Clovercroft King* and *Adjuster*. Write at once for catalog.

**Dr. J. A. Downs, Glidden, Ia.**  
Col. L. L. Luther, Auct.

ADDRESS ANY OF THE ABOVE BREEDERS FOR CATALOG AND KINDLY MENTION IOWA HOMESTEAD.

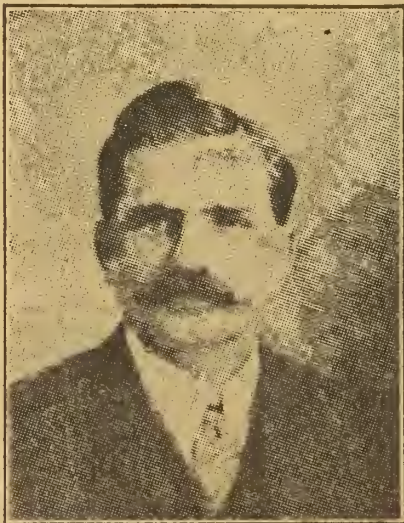
## Closing Out Sale of the Cedar-Bank Poland and China Herd.

At Fullerton, Neb., on January 25th, will occur the closing out sale of the noted Cedar-Bank herd of Poland Chinas. This herd has been under the management of Mr. Thomas F. Miller, one of the best-known Poland China men in the West, and no breeder in Iowa or Nebraska has a better herd of the useful, money-making kind of Poland. This herd has been especially strong among the best western breeders for a number of years because it combined the size so much sought after by western men, and yet having the quality that is seldom found in a herd of this kind. There are sows in this sale that could not be purchased at any price were it not that the farm has been sold, and thus necessitates the dispersion of the herd. At the head of this herd stands the great Peter Sterling 6353, considered the best breeding son of old Chief Tecumseh 3d. As a sire of brood sows, combining quality and size, he stands second to no other boar in the land. The daughters of Peter Sterling have always been in demand by breeders who knew their value as brood sows, and we want to say to readers of *The Homestead* who are looking for the practical, money-making Poland China that they will never make a mistake if they secure some of the get of this great boar. There will be twelve or fifteen of his daughters in the sale, and there is not a poor one among them. They combine the size, the bone and the finish, and they certainly are great brood sows. The old hog will also be sold, and he should by all means go to some good herd. He is now six years old, but he is in good condition. He has always been well cared for and he is good for many years to come. The breeder who is looking for a sire of especially good brood sows will never regret it if he buys the splendid breeding boar. The other boars used in the herd are *Thickett Perfection 105415* (a son of the sweepstakes boar, *Thickett*, out of a daughter of *Chief Perfection 2d*), and *Mischief Maker 2d* (a son of the great *Mischief Maker*, and out of a *Corrector* dam). These three boars will be bred to the sows that go into this sale. Besides the Peter Sterling sows there are others that will fill the bill in most particulars. To the man that wants an especially attractive sow we would say buy *Starlight* (a daughter of old *Lamplighter* out of a daughter of *Proud Perfection*). She is a medium-sized sow, but she certainly is one of the most perfect sows that will be sold in Nebraska this year. This sow is neatness itself, with a good head and ear, a splendid hack and a deep ham, and she has always produced well to the service of Peter Sterling and she is bred to him again for March litter. *Orange Girl* is a daughter of *Orange Chief*, and is one of Mr. Peter Mouw's big kind. She is one of the biggest sows on the farm, and the man that wants a large, roomy brood sow will be pleased with her. She raised nine pigs this season, selling from \$25 to \$55 each. She is bred to *Thickett Perfection*. There is a good daughter of old *Corrector* in the sale, also several that are sired by *Searchlight*, a son of old *Lamplighter* out of a *Chief Perfection* dam. There are other

good sows in this offering, and we know of no sale this season where so many good things in the way of brood sows will be sold in one sale. One of the most up-to-date catalogs of the season is ready for distribution and will be sent to readers of this paper provided they mention *The Homestead* when writing. Any bids sent to Mr. M. T. White (Homestead representative) in care of Mr. Thos. F. Miller, will be properly attended to on sale day.

## A Well-Known Chester White Breeder.

Mr. J. L. Barber, of Harlan, Iowa, desires through the columns of *The Homestead*, to thank his customers and friends for the liberal patronage which they have extended to him this year, and extends to each the compliments of the season. As previously announced in *The Homestead*, the heavy demand for sows has induced him to change



his plan of selling and to dispose of all privately instead of by auction. At the head of his herd is *Captain 14119*, the first-prize hog at Iowa State Fair in 1904, also first at Minnesota and sweepstakes hog at Sioux City. He was first in yearling class and reserve in champion class at World's Fair, St. Louis. He is not only a good pig, but has been a notably successful breeder. He will be for sale after January 15th.

## Peterson's Percherons.

On another page of this week's *Homestead* will be found the advertisement of Mr. H. E. Peterson, of Lyons, Neb., one of the best-posted draft horse men in Nebraska. Without fear of contradiction, we will say that

there are few better judges of a Percheron horse in this western country. In years gone by he resided in Illinois and while a resident of that state always imported his own horses. Of late years he has been a resident of Lyons, Neb., where he always keeps a barn full of Percheron stallions. He now has an excellent lot of stallions for sale and he offers these at from \$700 to \$1,000, and they are certainly worth the money. It will pay any man who wants a stallion to go and see these. He has a four-year-old coal black stallion called *Fountain* that will weigh 1,900 pounds. His sire was *Kellerman 10715*, one of the best breeding stallions in Illinois. He was also the sire of *Epsilon*, the horse that took first prize and reserve championship as a three-year-old at St. Louis. *Fountain* is therefore a half brother to the great *Epsilon*, and he is a good one. Mr. Peterson has a two-year-old colt called *Denmark*, a son of the imported mare, *Prince Nor*, and out of an imported mare, that shows wonderful promise for next year. He has another gray Percheron, coming three years old, called *Tiger*. He is what you would call a Dutchman's horse, a well-made, clean-limbed horse and as smooth as a ribbon. He also has some younger horses and his prices on these are within the reach of anyone that wants a Percheron stallion. His horses are exceptionally clean of limb, with plenty of bone, lots of style and are good actors. If any of our readers want a good stallion at a reasonable figure it will pay them to go and see these horses. Mr. Peterson will be glad to hear from *Homestead* readers who are thinking of buying a horse, and will be glad to answer any inquiries. Kindly mention *The Homestead* when writing.

## Last Call for the Grinnell Sale.

This will be our last opportunity to direct attention to the very important offering of Short-horn cattle that are to be sold by the following well-known breeders at Grinnell and surrounding territory: Located at Grinnell and Malcom, Iowa, are Messrs. George Bonewell and James Duffus, whose enterprise in pushing the Short-horn interests of that community have made for them a reputation that is quite enviable. Not having quite enough surplus cattle that they cared to spare from their well-established herds to make the desired number for a sale, they have allowed Mr. J. B. Zirbel, of Malcom; Mr. D. C. Sleggel, of Brooklyn, Iowa, and one or two other parties to contribute somewhat to this sale. The sample pedigrees will suffice to show the high character of Scotch Short-horn blood represented in the sale. The herd bulls owned by each of the gentlemen contributing to the sale are superior bulls that have not only been satisfactory at the heads of their respective herds, but are of proper ages to give good satisfaction at the heads of any new herds that they may choose to go to. The sale catalog reveals some very choice Short-horn blood and, inasmuch as there are so many interests at stake in this sale, we cannot well individualize on these cattle without doing someone else in the sale an apparent injustice whose cattle might fail to be mentioned individually. It is sufficient to say, however, that there are a number of good Scotch females,

as well as five good Scotch herd bulls. Included in the offering is sixty head of Short-horns, a large per cent of which either have calves at foot or are well forward in calf. Certainly this will be a fine opportunity for the ranchman who is desirous of purchasing a carload, or for the small breeder who only cares for a few individuals. The sale management will be under the charge of Messrs. G. A. Bonewell and James Duffus, whose reputation for fair dealing and honesty is beyond question; and the other consignors will have to submit to the direction of these two gentlemen who are making the sale and who will be responsible for the conduct of the same. Col. Geo. P. Bellows, of Maryville, Mo., will conduct the sale, assisted in the ring by Mr. J. L. McIlrath. We regret that space forbids further mention, but it will be sufficient to receive the catalog and study the breeding just as it is set forth there. Application for these catalogs should be made to either Mr. Bonewell or Mr. Duffus, mentioning *The Homestead* when so doing.

## Last Call for Wheeler's Duroc Sale.

One of the best opportunities to buy Duroc Jerseys this season will be at Harlan, Iowa, on January 16th, when Mr. W. W. Wheeler closes out his entire herd. Some rare bargains will be offered in this sale. There will be more of the blood of that sensational sire, *Crimson Wonder*, in this offering than in any heretofore made. There will be twenty-nine daughters and granddaughters of old *Tolstoy* and it will certainly furnish breeders a good reason to be present at this dispersion sale. No. 1 of the catalog is a litter sister to *Crimson Wonder*, being a son of *Tolstoy* and out of the great sow, *Ohio Anna 8th*. It is the only sale where a litter sister of this great boar can be bought, and were it not for the fact that Mr. Wheeler is quitting the business, she would not be for sale at any price. She is bred to *Keep's Ohio Chief*, a grandson of the great *Ohio Chief*. Nos. 3 and 4 are full sisters to *Crimson Wonder*, only a year younger. Mr. Wheeler also sells *Lady Orion*, a daughter of old Orion, in this sale, and she is bred to *Improver Lad*, a son of *Improver 2d*. *Mayflower* is a four-year-old Duroc Challenger sow and she has been one of the best brood sows on the farm. She is bred to *Scarlet Wonder*, a son of old *Pericles*. One of the best things in the sale is *Lady Belle*, a daughter of *Belle's Perfect King*, a son of the great sweepstakes sow, *Nebraska Belle*, and out of *Lady Wonder*, the litter sister to *Crimson Wonder*. There will be several of these *Belle Perfect King* sows in the sale and they are generally good ones. There will be daughters of *Carmine Wonder* and *Scarlet Wonder* in the sale, also daughters of old *Majestic*, one of the good boars used in the Wheeler herd. Mr. Wheeler was one of the best buyers of the good stuff when he purchased his foundation sows, and now he sells them all. It will be a place to buy Durocs. If you are wanting sows of this breed, and good ones at that, you cannot afford to miss the Wheeler sale. Nothing is reserved and everything will be sold. Write Mr. W. W. Wheeler, Harlan, Iowa, for catalog and be sure to attend the sale. Kindly mention *The Homestead* when writing.



# Eastern Iowa and Western Illinois Duroc Jersey Circuit

THE OPENING CIRCUIT OF THE YEAR

## January 22d to January 25th inclusive

### Tuesday

January 22, 1907

## Hanks & Bishop, 40 Head

New London, Iowa

Offer forty head of richly bred Durocs; ten aged sows and yearlings; thirty spring gilts, the get of such noted boars as Proud Advance, Buddy K. IV, Major Jr., Top Notcher Again, Indiana Boy by None Such, the sire of Hanley, Ben Davis, first at Iowa State Fair, 1904, Indicator and other noted sires. Sows are bred to Model Wonder, a sensational son of Crimson Wonder I am, the best son of this noted boar farrowed in 1906. Several bred to Iowa Chief, a son of Golden Rule from the noted herd of Messrs. Watt & Foust. Our stock is in excellent breeding condition and will please all lovers of good Durocs. Sale will be held in town in heated pavilion. Catalogs now ready.

### Wednesday

January 23, 1907

## J. A. Smith, 35 Head

Sciota, Illinois

Invites the readers of this paper to attend his annual brood sow sale. Thirty-five head of nicely bred Durocs have been selected for this sale. Fifteen aged and yearling sows and twenty spring gilts sired by Tip Top Notcher. Best of Top Notchers, Long Notcher, a good son of Tip Top Notcher, Major R., Stoner's Improver, J. I. C., a son of Kan't Be Beat and out of Cedarvale Queen VIII, junior champion sow at World's Fair and others of equal note. Write for catalogs.

### Thursday

January 24, 1907

## Reil & Cooper, 35 Head

Ferris, Illinois

Offer thirty-five head of richly bred Durocs at auction. Thirty-five head; tops of two herds. Nine yearlings, twenty-six gilts, bred to Wonder Boy, 1st prize boar pig Illinois State Fair, 1906; to Ambition II, by Ambition, the noted yearling owned by Messrs. Thomas & Hogsett; several are bred to Wonder Lad, litter brother to Wonder Boy, others bred to Chief C. **Special Attraction:** Lady Kruger 3975a, 1st prize under year sow Illinois State Fair 1906, goes in sale, bred to Wonder Boy. Write for catalogs.

### Friday

January 25, 1907

## N. B. Cutler, 35 Head

Carthage, Illinois,

Proprietor of Bonny Mede Farm.

Offers to the public thirty-five head of choicely bred Durocs. The offering is made up of eighteen yearling and aged sows and seventeen gilts bred to Wonder Boy, 1st prize boar pig Illinois State Fair, 1906, and headed first prize litter same show. Several to Peter The Great, he by Big I Am. The best lot ever offered from Bonny Mede herd. Each animal a useful one and many sows of rich breeding and show yard individuality. Among the best is the show sow Iona Queen, always a prize winner at leading state fairs. An attractive gilt is offered in a full sister to Wonder Boy, one by Milton Orion, a full sister to Red Carnation, the sow which has topped two noted sales. Catalogs sent free.

Breeders and farmers are invited to be present at the week's sales, the offerings being of the richest breeding and individual merit. **Parties who cannot be present, send bids to Mr. D. M. Pierce, representing this paper. Cols. McGowan, Reppert and Duncan, Auctioneers. Mention this paper when writing.**



## LIVE STOCK AUCTIONEERS.

## Col. Judd McGowan

### Clinton, Illinois.

Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

## J. P. SPEARMAN, PAPILLION, NEB.

LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

## CAREY M. JONES,

Live Stock Auctioneer

231 Ashland Blvd., - Chicago, Ill.

## HARRY W. GRAHAM,

Live Stock Auctioneer and Pres. American Auction School

Third Term Opens July 8, 1907.

—All Branches Auctioneering.—

CHILLICOTHE, - MISSOURI

## RED POLLED CATTLE.

### Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. H. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

### THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

### Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

## RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at low prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

### Red Polled Bulls For Sale

Wm. K. Ferguson, Algona, Iowa

## HEREFORD CATTLE.

## HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadaland, McKinley and Advance. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

## WILLOW GROVE

## HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

## BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

### Table Backed Herefords

For Sale Cheap to Quick Buyers.

40 BULLS from 10 to 26 months old. 50 heifers, bred, average two years old. Prices low, try me. W. W. WHEELER, Box H, - Harlan, Iowa

### Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

### HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

### 40 Choice Hereford Bulls

### 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.

EDMONDS, SHADE & CO., - Kingsley, Iowa

## HEREFORDS.

TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.

A. R. Campbell, Independence, Iowa.

# THREE DAYS' AUCTION

## OF HIGH CLASS

## SHORT-HORNS, ABERDEEN-ANGUS

## and HEREFORDS

AT SOUTH OMAHA, NEB., THURSDAY, FRIDAY AND SATURDAY, JANUARY 17, 18, 19, 1907.

Fifty show and breeding Short-horns, including the straight Scotch show bull, Imp. Emperor 2d 205154 (a five-year-old and sire of International winners); the great three-year-old Prosperity 222313 and a number of his showyard get; the straight Scotch heifers, Portia and Rose Archer, and show heifers by the \$1,000 bull, Imp. Sovereign 157330, and cows and heifers in calf to Imp. Sovereign, Imp. Highland Champion and other famous sires, being the best all-round offering of Short-horns that I have ever cataloged. They will be sold on January 17th, and are consigned by Col. T. B. Hart, Edinburg, Ill.; Hadley & Leech, Cedar Rapids, Neb.; S. E. Prather Co., Sherman, Ill.; Chas. F. Mills, Springfield, Ill.; John Sippel, Casey, Iowa; W. W. Griffith, Anawan, Iowa; H. G. Bowers, Elmwood, Ill.; W. L. Tiller & Sons, Pawnee City, Neb.; Harry Davidson, Adrian, Mo.

Sixty Aberdeen Angus, constituting the most superior offering of the breed that I have ever sold at South Omaha, will be auctioned on January 18th. Included are high-class representatives of the Blackbird, Erica, Queen Mother, Drumin Lucy, Barbara, Crocus, and other noted families, and sons and daughters of the famous bulls, Imp. Prince Ito, Bell's Eclipse, Lord Woodlawn, Woodlawn, Blackbird Wonder, Lon 4th, and other celebrated bulls. They are consigned by W. D. Reynolds, Villisca, Iowa; C. B. Gray, Corwith, Iowa; Barr & Lonecker, Dexter, Iowa; N. G. Daughmer & Son, Douglas, Ill.; Martin H. Knudson, Farmingdale, Ill.; B. H. Keck, Cornland, Ill. There are high-class herd-heading bulls, and females good enough to go into the herds of the best breeders of the land, and we trust that western Angus breeders will appreciate this great offering.

Thirty Herefords, representing the substance and thickness for which the breed is famed, will be auctioned on January 19th. The blood of the present-day prize winners and champions, as well as that of the champions of past ages, will be found cataloged. The animals are consigned by H. K. Philson, Harlan, Iowa; N. J. Hiltabrand, Lostant, Ill.; Hugh Whiteford, Guilford, Mo., and W. J. Pellett, Atlantic, Iowa.

For catalog of any or all of these auctions address

# W. C. McGAVOCK,

SALE MANAGER,

## SPRINGFIELD, - - - ILLINOIS.

AUCTIONEERS:

COL. F. M. WOODS. COL. GEO. P. BELLOW. COL. T. C. CALLAHAN.

## GREAT DISPERSION DUROC SALE

AT TECUMSEH, NEB., JANUARY 23, 1907.

## 45 HEAD OF RICHLY BRED DUROC JERSEY 45 BRED SOWS.

On the above date the firm of Peek & Putman will disperse their herd of Duroc Jersey hogs, including fifteen head of tried brood sows, twenty head of good, strong yearlings, ten head of extra good gilts, four good male pigs, including the grand young boar, Young Hanley, by Hanley. The great sow, Banner's Top, by Tip Top Notcher and bred to Kan't Be Beat, will be sold in this sale.

Write for catalog.

## PEEK & PUTMAN, PROPS.,

## Tecumseh, - - - Neb.

Auctioneers

Col. L. W. Leonard.

Col. C. B. Clark.

Col. Geo. Menkin.

## HEREFORD CATTLE.

## .....9 CHOICE YEARLING HEREFORD BULLS 9.....

## FOR SALE.

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th 121465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address,

JOHN SECOR,

Mechanicsville, Iowa

## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150, 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa, On C. R. I. & P. Rys.

## 7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duchess, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, - Kirkman, Iowa

When writing to advertisers please mention this paper.

## Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. NISSEN,

Meservey, Cerro Gordo Co. Iowa

## ABERDEEN ANGUS CATTLE.

## 10 Aberdeen Angus

## BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rosethie Queens, etc. Address,

John E. Griffith,

WASHINGTON, - - - IOWA.

(Mention Homestead.)

## HIGH CLASS ANGUS

BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GLEYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABERLOUR, 41201, BELL'S ECLIPSE 3d 57454, QUOTE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa.

Address all communications to

O. D. WRAY, Bloomfield, Iowa

## THE WHEATLEY & WARD

## ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Male Lad 2d and Gardner's Pearl Rosegay 52837. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Eastern Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

WHEATLEY & WARD, King City, Missouri.

## ABERDEEN ANGUS & POLANDS

## FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Ericses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

## Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. O. No. 1, ALLEN BROS., NEW SHARON, IOWA.

A. S. ALEXANDER, V. S.

MADISON, WIS.,

Veterinary Editor The Homestead. CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.



# Prairie Farm Durocs at Auction

At Joy, Illinois, Friday, January 18, 1907

**40** Head of choicely bred Duroc sows. 12 aged and yearling sows **40**  
several of which have raised fall litters of show yard merit. 28 gilts

We have selected the tops of over 300 head for this offering and have drawn upon some of the very best herds of the breed for our foundation stock. The blood of Tip Top Notcher, Kruger, Major R., Royal Plummer, American Royal, Proud Advance and other famous sires is found in this offering. Many of the offering are sired by the state fair prize winner, DeSoto's Model. Sows are bred to Perfection Chief 34729, first-prize yearling 1905 and first-prize aged boar 1906, Wisconsin State Fair; second-prize yearling, Minnesota State Fair, 1905; second-prize aged boar, Minnesota State Fair, 1906; third-prize yearling, Iowa State Fair, 1905, and headed third-prize young herd, 1905, Iowa State Fair.

A LIMITED NUMBER OF SOWS ARE BRED TO THIS NOTED BOAR. Other sows are bred to Sue's Tip Top Notcher 53955 by Tip Top Notcher; Prairie Advance 53957 by Proud Advance; Prairie Paul by Champion Paul; Dreamland Major 53959 by Major R., a World's Fair winner. Individuality combined with the richest blood lines the breed affords makes this one of the most desirable offerings of the year. Write for catalog at once.

## E. M. Castle & Son, R. 3, Joy, Ill.

Send bids to D. M. Pierce, representing this paper in care of Messrs. Castle. Cols. Reppert & Keil, Aucts.



PERFECTION CHIEF 34729.  
1st. PRIZE YRL. 1905 & 1st. AGED BOAR 1906  
AT WISCONSIN STATE FAIR.

Perfection Chief 34729, first-prize yearling 1905 and first-prize aged boar, 1906, Wisconsin State Fair; second-prize yearling, 1905, and second-prize aged boar, Minnesota State Fair, 1906; third-prize yearling boar and headed third-prize young herd, Iowa State Fair, 1905.

### LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine.  
F. Rabeler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations, Oak Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Hannover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

**LARGE YORKSHIRES.**  
World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,  
Box 2, Lake Park, Minn.

### CHESTER WHITE HOGS.

**HUMBERT & WHITE'S**  
"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,  
F. D. HUMBERT, Newham, Iowa.  
F. P. WHITE, New Hampton, Iowa.

**I Pay Express Charges**

and ship C. O. D. choice Improved Chester White BRED GILTS. Write for illustrated catalog free.  
B. M. BOYER, Farmington, Van Buren Co., Iowa

**PUBLIC SALE OF**  
Short-Horn Cattle and Chester White Bred Sows  
FEBRUARY 21, 1907.

J. LEFEBURE, Fairfax, Iowa  
Eight miles west of Cedar Rapids.

**18 Large, Growthy Chester White Sows**

FOR SALE, of March and April farrow. Weigh from 200 to 250 lbs.; are all bred and safe in pig. No bluer blood in the state. Prices reasonable; write me before you buy.  
F. A. Trumbauer, Patterson, Iowa.

**T. A. STEVENSON,**  
Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

**Chester White Spring Pigs All Sold.**

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop.  
MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

### Chester Whites.

Farmers' Prices.

I HAVE 20 well bred April boars and about 50 bred sows and gilts for sale at farmers' prices.  
S. J. Philson, Harlan, Iowa.

**IMPROVED CHESTER WHITE GILTS**

OF MARCH and April farrow, extra good ones. Prices very low. Also yearling and two-year-old sows; gilts and sows safe in pig.  
E. J. TRUMBAUER, Patterson, Iowa

**200 LARGE O. I. C. Pigs.** Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12183 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

**Chester White Boars and Sows**

**15** FINE boars for sale, and some choice gilts, bred or open. Prices reasonable.

J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa

CHOICE O. I. C. pigs at \$15 each for next 30 days. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

When writing please mention this paper.

## SCOTCH AND SCOTCH TOPPED SHORT-HORNS

ROCK VALLEY, IOWA, JANUARY 14, 1907.

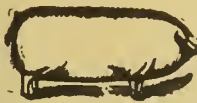
REPRESENTED BY

**52** 32 Females, 9 Bulls, 7 Head Scotch **52**  
Cows and Heifers, 4 Scotch Bulls.

I have selected some of the best things in my herd for this sale. The Scotch tribes are represented by Victoria, Mysie, Matchless, Narcissus, Generosity and Honey Flower families, while the Scotch-topped sorts are among the best I have ever sold. A great many of these will be safe in calf or will have calf at foot to my splendid Scotch bull, Valley Sovereign, and Morning Joy. I am selling a splendid lot of bulls, four of which are straight Scotch and one of these is by the great bull, Ceremonious Archer. Write for catalog at once. Please mention The Homestead when writing for catalog. Address,

**W. J. McLEAN,**  
ROCK VALLEY, IOWA.  
COL. GEO. P. BELLOW, AUCT.

### CHESTER WHITE HOGS.



**Lawshe's Chester White Sows and Gilts.**

**100** HEAD of very choice matured and fall yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Monarch Jr. 13301, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address Geo. H. Lawshe, R. R. 3, Harlan, Ia.

**D. H. LEWIS, BREEDER AND SHIPPER OF THE**  
Improved Chester White Swine.

**50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head**  
R. F. D. No. 6. GENESEO, ILLINOIS



**SOLD OUT BUT STILL IN THE BUSINESS**

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

**The Wildwood Herd Chester White Hogs**

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

**W. W. VAUGHN, MARION, IOWA.**



**CHOICE CHESTER WHITE SOWS & GILTS**

THE kind that sell, the kind that win. Bred to the most noted boars living, such as Captain 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection solicited. 1 mile west of Kirkman, Ia. H. & A. phone 626G. I handle the best; ship no inferior stock. Address or call on J. L. HARBER, R. R. 3, HARLAN, IOWA.

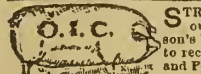
**MAPLE GROVE CHESTER WHITES.**



BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fairs, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neposset, Illinois.

Modeler 13235 and W. F.'s Model 12101  
AT HEAD OF  
**MODEL HERD**

CHESTER WHITES.  
To Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Pig, stock cks. W. F. Hemmerring, Dike, Grundy Co., Ia.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

**Poplar Grove Herd of O. I. C. Swine**

ONE of the finest up-to-date herds in the north-west. Plenty of herd headers. Gilts bred or open. April pigs now ready for shipment.

**W. R. WEBB, Spencer, Iowa**

**OHIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.**

**Rockford Herd Chester Whites and O. I. C.'s**

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.  
**JNO. CRAMER, BEATRICE, NEB.**

**SOLD OUT OF CHESTER WHITE BOARS**  
HAVE a few choice gilts at moderate prices.  
**B. R. Burt, Coggon, Linn Co., Iowa.**

### POLLED DURHAM CATTLE.

**DOUBLE STANDARD**

**Polled Durham Short-Horns**

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

**SHAVER & DEUKER,**  
Kalona and Wellman, Iowa.

### SHORT-HORN CATTLE.

**W. A. FORSYTHE**  
GREENWOOD, MO.

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

**WALNUT HILL HERD**  
REGISTERED SHORT-HORN CATTLE

AT the head of our herd stands the noted Imp. Lov. at Champion (157617), the great bull used so successfully by Mr. Duthie of Scotland, and afterwards placed at the head of the Chrystal herd. His assistants are Grand Duke of Enterprise (143818), Crown Prince Wild Eyes and Lord Nonpareil. Some extra good ones just coming to breeding age for sale. Address, Flynn Farm Co., R. R. 5, Des Moines, Ia.

**Walnut Grove Short-horns & Polind Chinas**  
CLEAR The Way 231482, winner 1st in 2-yr-old class and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sundby 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

**COLLEGE VIEW SHORT-HORNS FOR SALE.**

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Chamer. Also 12 young bulls from 8 to 20 mo. old by Imp. Krueller Stamp.

A. J. GRAVES & SON, Ames, Iowa

**4 SCOTCH BULLS**

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.  
C. W. DAWES & SON, Harlan, Iowa

**WILLIAM REED**  
PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

**MILKING SHORT-HORNS.**

WE have a number of yearling bulls for sale. We milk all cows and hand raised calves. All animals guaranteed breeders and pedigrees furnished.  
**BLACKMER & NELSON, Albert Lea, Minn.**  
Farm one mile from town.

FOR SALE Conqueror Best 182910. The best bred Cruickshank bull in America; 4 yrs. old, solid red, dam Imp. Zoe 5th (a Cruickshank Clipper cow) sire Imp. Conqueror, a Marr Missie with two crosses of William of Orange. Price right. Also one other 4 yr. old red Scotch bull and 3 Scotch topped yearlings. Marston Bros., Mason City, Ia.

**PLAIN VIEW STOCK FARM.**

SHORT-HORN CATTLE AND DUBOUC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Ired Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

**SPRING CREEK HERD OF SHORT-HORNS AND POLAND CHINAS.**

VERY choice full gilts and males, a few spring pigs. Would sell my Scotch herd bull Archer 200427 by Imp. Golden Archer, dam Imp. May Blossom by Prince of Archers. Also some young stock.  
C. F. Robe, Jessup, Iowa.

**SCOTCH SHORT-HORNS.** For sale, four good Scotch bulls. Jordon & Dunn, Central City, Ia. Maine Valley Stock Farm.



# Dispersion Sale of the Cedarbank Herd Poland Chinas

THE BIG KIND—THE KIND THAT MADE NEBRASKA FAMOUS

TO BE HELD AT  
**FULLERTON,  
NEB.,**  
**Jan. 25**

THIS is a public sale of the entire herd and includes some that have heretofore never been priced, and sired by the most noted hogs living. Fifteen daughters and six granddaughters of PETER STERLING 63535, the best living son of Chief Tecumseh 3d. These are all sows of great scale and wonderful bone, and are grand, good brood sows, always farrowing large litters and raising them. If you are interested in the big kind, the kind that make the most pork for the least money, then send for my catalog and come to the sale.

**CEDARBANK  
FARM,**  
**FULLERTON, NEB.**  
**Col. T. C. Callahan,**  
**AUCTIONEER.**

Kindly mention Iowa Homestead when writing.

## SHORT-HORN CATTLE.

### SCOTCH BULL FOR SALE

I have a very choice and richly bred  
Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females  
and young bulls for sale at all times. Address,

**E. R. SILLIMAN,**  
**COLO IOWA**

### BLUFFVIEW SHORT-HORNS

A FINE BRAWWITH BUD BULL FOR SALE,  
and several farmers' bulls, at low prices.  
The Bluffview herd is now headed by Secret  
Viscount 212705, one of the best bred Cruickshank  
bulls living. Address,

**F. A. EDWARDS, PROP., WEBSTER CITY, IA.**

### Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls  
from 11 to 20 months old. All reds. Prices  
right; bulls are right and I will treat buyers right.

**H. D. PARSONS.**

**NEWTON and BAXTER, IOWA**

### EVERGREEN STOCK FARM SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull  
Prince Royal 175494 got by Imp. Prince Oederic,  
and nine young bulls by him, all dark red from one  
to two years old. Come and see them. Prices low.  
They are good ones.

**N. P. HALGREN.**

**Vinton, Benton Co., Iowa**

### FOR SALE OR EXCHANGE

THE ROAN bull, Merry Chamer 214876.  
Sire, Imp. Merry Hampton, dam, Chamer  
11th. Will exchange him for dark red bull of equal  
quality. He is a three-year-old.  
**W. A. ELLIOTT,** Pocahontas, Iowa

### FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal  
Bud 259037, a straight Cruickshank, Brawwith Bud,  
two year old bull for exchange, he by Lavender  
Royal 135258.  
**M. D. YARD,** CRAWFORDSVILLE, IA.

### PUBLIC SALE OF

Short-Horn Cattle and Chester White Bred Sows  
**FEBRUARY 21, 1907.**

**J. LEFEBURE,** Fairfax, Iowa  
Eight miles west of Cedar Rapids.

### SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months  
old. Poland China Hogs.  
**Jas. E. Stephenson,** Alburnett, Iowa  
Otter Creek Stock Farm.

**JONES CO. HERD OF** Herd {Stuyton Sort 173649  
**SHORT-HORN CATTLE** Bulls {Wahpuna of Way-  
side 243946  
WE have one red roan bull, two years old in Jan.,  
for sale. He will make a good bull for someone.  
Write for prices and descriptions. Address, **G. P.  
Tyrrell & Son, Props., Oxford Junction, Ia.**

**HEAVER CREEK SHORT-HORNS.**  
SCOTCH BULLS for sale. I am offering as fine a  
bunch of Scotch bulls as I have ever raised.  
They vary in age from a few months to two years.  
A catalog giving the pedigree of each bull will be  
furnished upon application. Address,  
**N. A. LIND,** Rolfe, Iowa

### Imp. Fashion Favorite 149580 FOR SALE.

Also a few very choice young Scotch Bulls.  
Address **J. D. McDERMOTT,** Wiota, Ia.

### CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some  
choice Short-horns, sired by Scottish Baron.  
Address, **J. H. MOYER,** Newton, Iowa

When writing please mention this paper.

## PUBLIC SALE OF SIXTY HEAD OF SCOTCH AND SCOTCH TOPPED SHORT-HORNS

**AT GRINNELL, IOWA, JANUARY 16, 1907.**

Five Good Scotch Herd Bulls and a number of good young bulls. Straight  
Scotch and Scotch Topped cows and heifers.

No. 1	Merriment Second	(Cow)
Red, little white; calved July 4, 1902. Owned by George Bonewell.	SIRE	BRED BY
DAMS.	Got by Imp. Red Light 149769	James Black
Merriment, Vol. 44, p. 864	Sirius 110252	Wm. Duthie
Merry Maud	General Booth (54253)	S. Campbell
Imp. Merry Maiden	Chamberlain (50974)	Geo. Still
No. 2	Lady Annie 18th	(Cow)
Red; calved July 4, 1905. Owned by J. B. Zirbel, Malcom, Iowa.	SIRE	BRED BY
DAMS.	Got by Victoria's Count 195220	J. Deane Willis
Lady Annie 16th	Imp. Red Light 149769	James Black
Imp. Lady Annie 14th	N. Year's Gift 144749	D. of Richm'd & Gordon
No. 5	Prince Victor	(Bull)
Red; calved Sept. 30, 1905. Owned by George Bonewell.	SIRE	BRED BY
DAMS.	Got by Victor Royal 216553	S. H. Thompson & Sons
Alexandrina's Beauty 2d	Sunset 121296	John McHughes
Alexandrina's Beauty	Max Meyer 122084	James Stevens
Alexandrina's 9th	Councillor 91185	Coldren & Lee
Alexandrina 8th	Duke of Kent 2d 41796	Bow Park Assn.
Alexandrina 7th	Brastplate 11431	M. H. Cochrane
Imp. Alexandrina 6th	Gladstone (31253)	W. Wilson
No. 9	Royal Victor 2d 198731	(Bull)
Red; calved June 6, 1902. Owned by D. C. Sleggel, Brooklyn, Iowa.	SIRE	BRED BY
DAMS.	Got by Victor Boy 137521	S. H. Thompson & Sons
Glen Ellyn, Vol. 37, p. 468	Royal Duke of Pleasant Ridge 36889	R. Milne
Golden Glow	Imp. Earl Marshall 92167	W. Duthie
Imp. Generosity	Brampton (37763)	A. Cruickshank

Aucts:  
**Geo. P. Bellows,**  
**J. L. McIlraith.**

**G. A. Bonewell,**  
**James Duffus,**  
**Sale Managers.**

## O. I. C. BRED SOW SALE JAN. 18, 1907, At RUSSELL, IA.

**35 HEAD** Consisting of Tried Sows, **35 HEAD**  
Fall Yearlings and Gilts.

INCLUDING State Fair winners and their produce. These sows will be bred to Jack the Rip-  
per 12627, a big yearling of exceptional quality and a young boar that is proving a great  
breeder. Don't miss this sale if you are looking for bone and size combined with quality.  
C. B. & Q. R. R. Write for catalog.

**ALLEN BROS.,** Russell, Lucas Co., Iowa.  
Cols. H. S. Duncan and Chas. Morehead, Auctioneers.

## SHORT-HORN CATTLE.

## NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a  
valuable New Year's present to friends engaged in the cattle business. Six are by Golfman, five by Meiba's  
Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among  
the Scotch bulls is one red show bull 14 months old by Golfman and out of Meiba 2d. Will sell them singly  
or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

**A. L. STUTZMAN,** Mentioning the Homestead, **NEW SHARON, IOWA.**

## SHORT-HORN CATTLE.

### NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls,  
several of which are pure Scotch of the most  
reliable families. Herd headers here: Lavender Vis-  
count 2d, a son of the champion, Lavender Vis-  
count, is the principal sire. Write us if wanting  
something choice and at a reasonable price.

**ISAAC A. NOVINGER & SONS,**  
**Kirksville, Missouri.**

### HUGHESDALE REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow  
at St. Louis World's Fair and other equally  
heavy milkers. Her yearling son and other bulls  
for sale. Viscount of Anoka, champion show and  
breeding bull of America for 3 years heads herd.  
Write me. **H. J. Hughes,** - Trenton, Mo.

### Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One  
Lavender, two Mysles, four Brawwith Buds, five  
Victorias, five Duchesses of Glosters, four Secrets and  
others of best Scotch blood. All reds; low down,  
beefy fellows, ready for service.

**I. BARR & SON,**  
**Davenport, Iowa.**

### BULLS AND GILTS. THE IOWA STATE COLLEGE

OFFERS for sale some good young Short-horn,  
ited Polled and Holstein bulls, also choicely  
bred gilts of the following breeds: Poland China,  
Chester White, Duroc Jersey, Berkshire, Yorkshires  
and Tamworth. Address,

**DIVISION OF AGRICULTURE,**  
**Iowa State College, Ames, Iowa**

### Scotch and Scotch-Topped HEIFERS FOR SALE

A T very reasonable prices to move them at once.  
These heifers are from best cows in herd. Imp.  
Ronn Archer heads herd. Write for private cata-  
log.

**W. H. SCHAFER,**  
**KEANSBURG, ILL.**

### CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the  
Duchess of Gloster, Secret, Victoria and other  
well known Scotch families. If you are looking for  
a herd header, come and see me. Address,

**C. C. NORTON,** CORNING, IOWA

### SHORT-HORN HERD HEADERS

**Cookson Bros., West Branch, Iowa,**  
Breeder of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch  
Short-horn bulls now ready for service, sired  
by Young Commodore, conceded to be the best  
Short-horn bull in Iowa. The best Short-horn bull  
that we have ever raised is now on our farm and  
is open for inspection. Come and see the herd.  
Mention The Homestead when writing.

### BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at  
bargain prices, principally all reds, including sev-  
eral Scotch bulls. In ages from twelve months old  
and upward.

**JESSE BINFORD & SONS,**  
**ALBION, IOWA, or LISCOMB, IOWA.**

When writing please mention this paper.



## SHORT-HORN CATTLE.

## OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawley Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

## 9 Short-horn BULLS FOR SALE

A T Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMONT, IA.

Bargains in

## Short-horn Bulls.

WE CALL ATTENTION to a grand lot of ten young bulls, six to ten months old, all sired by our great breeding bull, VICTORIA'S PRESIDENT 205996. We are also pricing a few females. Those in need of good young bulls will not be disappointed.

McKeever Bros., Farley, Iowa.

## WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

## 6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Mouey Musk), that I think is the best bull I ever bred.

## BERKSHIRE HOGS.

## BERKSHIRE BOARS

FOR IMMEDIATE SERVICE.

I can please you in quality and price. Address,

GEO. S. PRINE,

Oskaloosa - Iowa

## Berkshire Boars

50 SPRING BOARS, 3 YEARLING BOARS, sired by Royal Combination II, a grandson of Lord Premier, also a son of Masterpiece. Spring boars are large and growthy with plenty of quality and finish, of April and May farrow.

L. F. Boyle, Hennepin, Ill.

Heavy Weight

## Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

W. D. McTAVISH, COGDON, IOWA.

T. J. CONGDON'S Winning Berkshires have won honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th., by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

## CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.

E. H. DANCER, Lamoni, Iowa

## BERKSHIRES

LARGE growthy boars, big bone and best of breeding. Prices low. Address

C. T. AYRES, Osceola, Clark Co., Iowa.

## BERKSHIRE BOARS.

A FEW choicely bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 160 to 185 lbs.

SYLVANUS HAWORTH, New Sharon, Iowa

## POLAND CHINA HOGS.

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L. S. Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.

When writing please mention this paper.

# ABERDEEN-ANGUS

48 HEAD CHOICE CATTLE 48

In Fine Big Sale Pavilion, Waterloo, Ia.  
**Wednesday, Jan. 16, '07**

DRAFT FROM THE QUIETDALE HERD

## THE OFFERING CONSISTS OF 36 COWS AND 12 BULLS

Trojan Ericas, Blackbirds, Prides, Queen Mothers, Coquettes, Heather Blooms, Alicias, and other popular tribes. They are descended from the best herds of Scotland, England and America, and represent all the noted families of the breed.

The Quietdale herd was established in 1898, with top individuals from such leading herds as W. A. McHenry, Escher & Son, and M. A. Martin.

I desire that all lovers of good cattle will be present on sale day and that your expectations may be fully realized.

The sale will be held at Waterloo Live Stock Sale Pavilion, the largest structure of its kind in the West. Waterloo is on main lines of Illinois Central R. R., C., R. I. & P. R. R., and the C. & N.-W. R. R.—one of the best railroad centers in Iowa.

Terms of sale, cash; but time will be given, if desired, on bankable paper at 7 per cent interest for twelve months. Bring bank reference. Send for catalog.

## H. J. Hess, Waterloo, Ia.

## COLLICOTT'S DUROC JERSEY SOW SALE

To Be Sold at His Waveland Stock Farm  
 LAKE CITY, IOWA, JANUARY 16, 1907.

## 30 Yearling and Matured Sows and 10 Very Choice Gilts.

THE blood of Old Higgin's model, Belle's Chief (the World's Fair boar), Tip Top Notcher, Leather Stockings II and Adjuiter is behind this entire bunch. These are bred to S. G.'s. Crimson Improver 50101, a son of Crimson Wonder I Am and Waveland Ohio Chief.

S. G. COLLICOTT, - LAKE CITY, IOWA.

Col. F. F. Luther, Auct.

## JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER &amp; SMITH,

BEATRICE, NEB.

## POLAND CHINA HOGS.

## GAY PERFECTION 2D. SOWS BRED FOR SALE.

20 GAY Perfection 2d Poland China Gilts bred to Sultan (a son of Thickset.) 3 gilts by Radium, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.

## JOE STEWARD,

AMES.

IOWA.



## WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

100 FALL and summer pigs, three to seven months old. 54 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G. S. Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 17072. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.



45

## POLAND CHINA BOARS

45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY &amp; SON,

DEFIANCE, IOWA.

## POLAND CHINAS

15 HEAD of growthy March and April boars for sale. Good length, good bone, nicely marked and from matured sows. Write for breeding and prices. Annual brood sow sale, February 7, 1907. Mention The Homestead.

BRIDGEMAN &amp; NESHITT,

R. R. No. 3, ALEDO, ILLINOIS.

## POLAND CHINA HOGS.

## BOARS ALL SOLD

WE will sell our herd boar, Iowa Chief, after the 15th of Dec. He is sired by Ed. Kiever's Thickset, and out of Lady Hart, by Ideal Perfection. Measurements: length from between ears to root of tail 56 in.; heart, 66 in.; flank, 66 in.; bone 9 1/2 in. He is out of a litter of eight and sires large even litters. One of the representatives of this paper pronounced him one of the best Thickset boars in the West. We are also offering five Short-horn bulls, old enough for service, at very reasonable prices. Brood sow sale, Feb. 12, '07. Send for catalog after Feb. 1st. Col. F. M. Woods, Auct.

RUEBEL BROS., ROCKWELL CITY, IA.

## Willowdale Herd.

Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

ALL sows old enough to breed reserved for public sale February 13, 1907. Send for catalog. Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,

Maynard, - - - Iowa

## Bred Sows For Sale

I WILL sell at reasonable prices, quality considered, a few richly bred Poland Chinas of show yard type and quality. An extra good Chief Perfection 2d gilt for sale. Write for prices and descriptions.

W. G. GRIFFITH,

McNABB, - - - ILLINOIS

## POLAND CHINA SOWS.

Sired by H. S. T. C. S. U. S. 55611 an 800 lb. hog in show shape and bred to an extra fine boar for April and May farrow. They have good quarters, length and bone, nice head and ears, smooth coats of good color; right up on toes. The making of extra choice brood sows. Priced cheap to move them. J. B. McAllister, Palo, Iowa

**Hustle On 105337 Heads Herd.**  
 2,500-lb. yearling males of T. C., U. S. and Corrector breeding, broad-backed, heavy-boned, spring males. It C. B. Leghorn ckis, \$1. Scotch herd bulls, choice cows, herd for sale. F. Ebendorf, Strawberry Pt., Ia.

## POLAND CHINA BOARS

15 SPRING pigs, 6 fall boars, and a two year old herd boar, King Pilot 107581. Rich breeding, good individuals and priced low.

E. O. WOLCOTT, GILMORE CITY, IA.

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Eberbeck, Beatrice, Neb.

## GROWTHY, HEAVY-BONED Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased. 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box II, R. 4, Davenport, Ia.

## 20 BOARS. POLANDS. 40 SOWS.

CAREFULLY culled and well bred. Five March boars that will make herd headers, sired by High Looker, a World's Fair winner, and Justice by Corrector. Large prolific litters. My pigs will make 800 to 1,000 lbs. at maturity. Write for prices or call. Special offer. M. G. Arnold, Strawberry Point, Iowa.

## PRAIRIEVIEW HERD POLAND CHINAS

20 GROWTHY, heavy-boned March and April boars and gilts, sired by S. B's Choice 106849; also yearling sows and herd boar. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C., M. & St. P. or C. R. I. & P.

J. D. Vorhees, R. 5, Charles City, Iowa

## HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence S 97557, Grand Chief Tecumseh 2d and old Moss Chief. Libred for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am. pricing spring pigs. Address,

GEO. E. PATCH, Blainville, Illinois.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## HOMESTEAD HERD OF POLAND CHINAS.

GOOD, strong fall yearling and spring gilts by such noted sires as Keep On 2d, Contractor, Come On, Monnier's Perf. and others. Can breed them to a Chief Perf. 2d boar out of a Keep On dam. Write for prices and description.

J. H. BAUKER, - - - Mason, Ill.

## BOARS HARD TO BEAT

25 SPRING boars and 10 large fall yearlings by a 55 son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT ELY, Plainfield, Bremer Co., Iowa

## 45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102827, and Keep Alert, by the great Prince Alert, and by Manager 102825, one of the best sons of the noted Meddler. These are A1 boars.

J. C. Hoag, - - - Manson Ia.

FOR SALE: Peter Chief 68743, price \$100. He is a very large hog, weighing over 1,000 lbs. when finished. A sure and fine breeder of large, heavy-boned pigs. Cannot use longer to advantage. J. D. Crownover, R. 6, Princeton, Ill.

When writing please mention this paper.



# 80 Head Duroc Jersey Bred Sows at Auction 80

**Stockham, Neb., January 21**  
**40--Head--40**

From the herd of J. E. Rowe, including some of his this year's show herd. Three daughters and one granddaughter of Middle Rose Lady 1st and Sweepstakes sow at Nebraska 1906. My herd represents the best blood of the breed. Come and see what I am offering. Catalog now ready.

**J. E. ROWE, STOCKHAM, NEB.**  
**CALLAHAN, AUCTIONEER.**

**York, Neb., January 22.**  
**40--Head--40**

from the well known herd of G. W. Post. I have selected some of the best things in my herd for this sale. These sows represent the very best blood lines and are bred to the best boars I could buy. Come and look them over. Sale in town. Catalog now ready.

**G. W. POST, YORK, NEB.**  
**CALLAHAN, AUCTIONEER.**

**SEND BIDS TO RAY PAGE OF THE HOMESTEAD AT EITHER SALE.**

## DUROC JERSEY HOGS.

### EVERYDALE HERDS.

Duroc Boars, Short-Horn Bulls For Sale.  
Bred right, fed right, priced right.  
**A. M. AVERY & SONS, Mason City, Iowa**

### ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants.  
**CHAS. SOBOTKA, Chinesville, Mo.**

### JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc-Jersey sows for sale.  
**J. E. WEHR, Portsmouth, Ia.**

### PILOT LAD 15153.

2nd prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.  
**L. H. Brynn, R. R. 1, Neponset, Ill.**

### DUROC BOARS ALL SOLD

40 GILTS of April farrow for sale. Will be bred to three first-class boars. Gilts sired by Dale 35169, sweepstakes boar at Hamline last fall, also by Pericles and C. W. Prince, by Crimson Wonder I Am, Wm. Malcolm, R. R. No. 1, Bigelow, Minn.

### BOARS! BOARS!

FOUR HERDS, Duroc Jerseys, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794

### BROOD SOW SALE FEB. 14, 1907

HERD boars: Valley Chief 51095, by Ohio Chief, Crimison I Am 43105, by Crimison Wonder, F. A.'s Choice Goods 51093, by W. L. A.'s Choice Goods. Mated with sows equally as well bred.  
**F. A. STRONG, ORIENT, IOWA**

### L. H. ROBERTS & SON, PATON, IA.

Choice Duroc Jerseys  
FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

### 20 Choice Duroc Jersey Gilts 20

I AM offering a choice lot of bred gilts, weighing from 175 to 300 lbs., that I am pricing for from \$25 to \$50.  
**ROY E. WEST, Churdan, Iowa**

### Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.  
**I. C. Welch, Bedford, Iowa.**

### HILLSIDE HERD OF DUROC JERSEYS

GEO. W. MEDLOCK, BENSON, NEB. SPRING BOARS & GILTS OPEN AT \$15 PER HEAD.

### PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

### CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

### CHOICE Duroc Jersey gilts bred to Sambo 52791,

a grandson of Tip Top Notcher, the \$5,000 prize boar. Prices reasonable. Frank Warway, Mt. Pleasant, Iowa. R. R. No. 8.

### MIDLAND DUROCS

15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

### DUROC JERSEY BOARS--SHROPSHIRE RAMS

S. M. DRYOE & SON, Mason City, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right, S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

DUROC Jersey gilts bred for April farrow. Large, heavy boned. Price, \$25 to \$30 each. Good ones, world's champion blood, S. S. Krebill, Donnellson, Ia.

CHOICE YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Huxhamton, Iowa.

## DUROC JERSEY HOGS.

### FAIRCHILD & STEVENSON'S DUROC-JERSEY SALE

ONAWA, IOWA, JANUARY 11, 1907.

50 Head 17 Fall Yearling and Matured Brood Sows--Rest Gilts, 50 Head  
The home of ORION'S PROFIT, the sire of Dale, the Minnesota sweepstakes boar. ORION'S PROFIT will be bred to 15 sows in the sale, and a few of his daughters will be included in the sale. A few choice gilts sired by PRINCE TOLSTOY will also be offered and these will be bred to HAPPY MEDIUM, a son of the noted boar, Junior Jim. The greater part of the offering will be sired by ADVANCE LAD, a full brother to the great Proud Advance. Two granddaughters of old Orion will be sold. Get our catalog. It contains some of the most up-to-date breeding. Address.

**FAIRCHILD & STEVENSON, ONAWA, IOWA.**

Col. L. L. Luther, Auct.

### CLOVER-WAVE DUROC JERSEYS.

Sires in service, Red Orion 28793, by Orion 5393; dam Rose Bud 50186 by Jumbo Red 7973, a half brother to Ohio Chief. Belle's King II 44113, by Belle's King, a son of Echo King and Nebraska Belle. Dam of Belle's King II is Lou Dillon 109330 by Orion, dam Cherry Blossom II 50574 by Dandelion 12165. Duroc Standard 44117 by Duroc Paragon 29181, by King Perfection 16235; dam Paulina Queen II 86492, by Duroc Challenger 11162. We have 110 pigs mostly of Murch and April farrow, sired by these boars and others, and from as good a lot of sows as can be found in any herd. We are better prepared than ever before to furnish choice breeding stock. Visitors welcome at all times.

STOW & GINGRICH.

HAMBURG, IOWA.

### POLK COUNTY HERD DUROC JERSEY SWINE

50 choice gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Bill K, Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tip Top Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.

Grand Sow Sale February 4, 1907.

**ROY WEST - - - - - BONDURANT IOWA.**

### Champion Paul Brood Sow Sale, January 15, 1907.

I WILL sell at auction about 25 extra good bred sows and gilts, backed by breeding that is excelled by none. Write for catalog. Address,

**A. L. BERGSTEN,**

**MT. UNION, IOWA**

### FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc-Jersey boar, World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

**FAGAN, BROWNING & McCABE, Heraman, Brown Co., Ill.**  
Brood Sow Sale, February 5, 1907.

### A CHOICE LOT OF PROUD ADVANCE PIGS.

I HAVE the best lot of Duroc pigs ever sired by Proud Advance. Also have pigs by Keep On It, the Iowa State Fair prize winner. A choice lot of pigs by other boars also. Don't overlook me if you want the best. Address,

**GRANT WHITE,**

**AFTON, IOWA.**

### ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads 6 herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

**HARRY RIGGIN,**

**PETERSBURG, ILL.**

### OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,

**G. T. ROGERS,**

**PETERSBURG, ILL.**

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

**WATT & FOUST, CEDARVILLE and XENIA, OHIO**

### 30 DUROC JERSEY BOARS FOR SALE.

ONE boar pig out of S. E.'s Model IX 1452 and sired by Proud Advance 23549. Others sired by Proud Advance, the sire of the first prize gilt at Des Moines this year, also sire of the second prize litter at the same show. The rest are sired by Peerless Orion and Oran, both sons of "Old Orion." Write me your want of yearlings and spring pigs or come and see them. Address,

**JOHN WIGHTON,**

**Audubon Iowa.**

### LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topny spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,

**HARMON GRUVER,**

**Brewster, Minn.**

### IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. **W. L. ADDY & SON, Parnell, Missouri.**

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.  
**J. D. NIDLINGER, DECATUR, INDIANA.**

SPRING boars sired by fancy Crimison Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. **W. A. Kirkpatrick, Lincoln, Neb.**

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to **T. L. Livingston, Burchard, Neb.**

## DUROC JERSEY HOGS.

### Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.  
**F. M. ERSCHEN, Odell, Illinois.**

### E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C2d head in herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.

### Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

**E. Z. RUSSELL, BLAIR, NEB.**

### PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow sale will be Jan. 23, 1907. Write us and find out what we have to offer.

### SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.  
**JAMES T. DOLLISON, SAC CITY, IOWA.**

### Prairie View Herd of Duroc Jerseys.

SPRING boars by Top Notcher Again. Bred gilts and yearlings by Tom Davis, Top Notcher Again and Red Roc at one-half last winter's public sale prices.  
**W. J. PRATHER, Russell, Iowa**

### 40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S. Whinnestick Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.  
**DELMAR McCANN, KENNARD, NEB.**

### PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

### 80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA  
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

### KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.  
**FRED KRASCHEL & SON, MACON, ILL.**

### FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.  
**F. E. Garrett, Lohrville, Iowa.**

### Bred Gilts and Sows at Reasonable Prices.

I HAVE a very nice bunch of Duroc gilts to sell, bred to Chief Knight 52496, by Red Knight, and dam Improver Jewell. Others to Imp. King 54117, by Hamilton's Improver, and dam North Star. My yearling sows are bred to Ham's Challenger.  
**F. A. Ham, Sarouville, Neb.**

### DUROC BRED SOW SALE, FEB. 13, 1907

HERD boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimison I Am 43105, by Crimison Wonder H. A.'s Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address,  
**H. A. SEXSMITH, GREENFIELD, IOWA.**

The Logan Valley Herd of Duroc Jerseys. DANDELION 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Dandelion good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.

**W. A. Peterson, Lynns, Neb.**

### 100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by Crimison Wonder Jr., Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief. Tolstoy, Advance and Pericles. A choice lot of boars for sale. **H. L. Cantine, Quimby, Iowa.**

THE Grendell Herd of Durocs contains the blood of the most popular families. **F. H. Herring, Kalona, Iowa.** Shipping point Iowa City.



120

# ROYALLY BRED DUROC JERSEY SOWS

## AT AUCTION

120

## 40---HEAD---40

At the Happy Hollow stock farm near Greenwood, Neb., January 17, 1907, at 1 o'clock sharp, I will sell a choice offering of the best animals in my herd. They are a well bred, useful lot and safe in pig to Happy Hollow Chief 46277, Nebraska Chief 52723 and Top Notch 52725. Write for catalog to JOHN HAMMER, Greenwood, Neb.

## 40-- HEAD-- 40

At Silver Creek stock farm, 2½ miles east of Colon, Neb., January 18, 1907, at 1 o'clock sharp. In this offering will be included sows of the most noted strains known to the breed. Most of them will be bred to Colon's Model, Improver III and Governor, a son of Crimson Wonder. Write for a catalog to C. E. OLSEN, Colon, Neb.

## 40---HEAD---40

At Gold Dust stock farm, near Cedar Bluffs, Neb., January 19, 1907, at one o'clock sharp; sale in town. I am offering what I consider the best lot I have ever raised, bred to such boars as Chitwood, the sire of Junior Jim, Young Surprise, Nut Wood and Colonel W., by Colonel Perfection. Send for catalog to JAKE WERNSMAN, Cedar Bluffs, Neb.

Col. T. C. Callahan will do the selling at all three sales. Mail bids may be sent to him or to Ray Page, of The Homestead, in care of any of the above gentlemen.

## DUROC JERSEY HOGS.

## Thos. Bennett,

### Rossville, Ill.

HOMER again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

## GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

## Maple and Lawnsdale Herds

### DUROC JERSEYS.

Will sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Hambletonian, at a reasonable fee. A few fall pigs for sale. Address either

MANLOVE BROS. or J. H. NORRIS, Bowen, Illinois.

ATHELED 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," H. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

## State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good. R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

## 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

## Duroc Jersey and Tamworth Boars

FOR SALE—We have a grand lot of Duroc and Tamworth boars for sale, every one of which is sired by a prize winner. Prices are always right. Address, NORRISH & BEVINGTON, Kingsley, Ia.

## 40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alix, litter brother to the sweepstakes sow Alix II. Good ones. AUSTIN RENSNAW, Blair, Neb.

## BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions. H. B. GRIFFITHS, Bowen, Ill.

## MAY & PORTER,

REMINGTON, IND. MAYOR'S CHIEF 40727 and Top Notcher Nest 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

## DUROC JERSEY HOGS.

## BUDDY K. IV

Champion Illinois State Fair, 1905; second prize aged boar, 1906, sells at public auction February 6th.

On the above date I will disperse my entire herd of Duroc Jerseys. EVERYTHING GOES.

This is not a sale of my culls, but my best stock, and I want it understood that this is a Genuine Dispersion Sale.

### ATTRACTIONS.

Twenty-two tried brood sows from one to three years old; five sired by Buddy K. IV.; seventeen bred to Buddy K. IV. Four yearling sows by Buddy K. IV.

Ten yearlings by such noted boars as Tip Top Notcher, Proud Advance, Hanley, Gold Cloud and other boars of equal merit.

Twenty spring gilts by Buddy K. IV.

Twenty spring gilts by boars mentioned above.

Write early for catalogs.

Ed. A. Baxter, Pawnee, Ill.

## Hudson's Duroc Jersey Brood Sow Sale.

LOHRVILLE, IOWA, JANUARY 17, 1907.

35 HEAD

A combination of the most famous blood lines known to the breed:

Ohio Chief, Nebraska Belle, Crimson Wonder, Tolstoy.

35 HEAD

5 MATURED brood sows, 5 fall yearlings, rest spring gilts. I am selling one granddaughter of Tolstoy, the sire of Crimson Wonder, and two granddaughters of old Orion, and I am selling one of the best bunches of gilts that will be sold this year. These will be bred to Ohio Chief Primrose, a son of the great Ohio Chief; Jim's Junior, a son of the noted prize-winning boar Junior Jim and Re-Echo, a son of the prize-winning boar Critic's Echo. Come and see what I am offering. Catalog now ready. Address,

W. H. HUDSON, LOHRVILLE, IOWA.

Cols. Luther and Mossman, Auctioneers.

## Prairie Glen Herd of Duroc Jerseys.

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientin 1726, Imp. Wonder 43561, A. L. Advance 43331, Odebolt Chief 38271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address,

P. S.—Eight November males of rare quality; three Top Notcher, bred. A. L. MOSSMAN, TELEPHONE 83-3, RADCLIFFE, IA.

## CRIMSON WONDER I AM 34697

Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address, U. G. DAVIDSON, MANSON, IOWA.

## Pleasant Grove Herd Durocs

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

HANKS & BISHOP PROPS., NEW LONDON, IOWA.

## The "Nancy Herd" Durocs

Sow sale FEBRUARY 23, 1907. Pigs by Orion, Junior Jim, Critic's Echo, Inspection invited. 125 pigs. Write us. W. A. STAPLES & SONS, GLIDDEN, IOWA.

## DUROC JERSEY HOGS.

## DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

## HANLEY BOARS

### FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

## IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now looking for orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, Paton, Iowa.

## WHITE OAK HERD

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advancer and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

INDIVIDUALITY and breeding combined. About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

## Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

## Sutter's

GROWTHY DUROC fall males got by Neb. Wonder, he by Crimson Wonder are now ready to ship. Write me. WM. SUTTER, Liberty, Neb.

J. LORTON, Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

## GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars. Road Bros., (Swine Specialists), Lake Park, Ia.



## DUROC JERSEY HOGS.

## Wheeler's Duroc Dispersion.

13 | Wednesday, January 16, 1907. | 33  
SOWS | At the Sale Pavilion, Harlan, Iowa. | GILTS

ON the above day and date, I will sell every Duroc Jersey I own. I regret to do this more than I can tell you, but one man can't do everything. I have spent years of time and an endless amount of money to establish this great herd of Duroc Jerseys. I will sell three full sisters to Crimson Wonder, one litter sister, one daughter of Orion, one daughter of Duroc Challenger, 33 gilts sired by Carmine Wonder, a half brother to Crimson Wonder, Scarlet Wonder, a son of Pericles and out of a full sister to Crimson Wonder and Belle's Perfect King, a son of Nebraska Belle. They are bred to a grandson of Ohio Chief and Improver 2d. This is a grand herd of Duroc Jersey hogs. Take a day off and spend it with me. You will never regret it. Write for catalog.

W. W. WHEELER, - Harlan, Iowa

## HORSES.

## His Majesty, King Edward VII, of England, and Lord Rothschild's Exhibit of Stallions Were Purchased by ROBERT BURGESS & SON at the International Exposition at Chicago, 1906.

Winnings 1906 Demonstrating to the Public the Superior Quality of Our Stud:

Champion Percheron Stallion at the Kansas state fair.  
Champion Belgian Stallion at the Kansas state fair.  
Champion Shire Stallion at the Illinois state fair.  
Champion Shire Stallion at the American Royal, Kansas City.  
Champion American-Bred Percheron Stallion at the American Royal.  
First Best Five Percheron Stallions at the Kansas state fair.  
First Best Five Belgian Stallions at the Kansas state fair.  
First Best Five Shire Stallions at the Illinois state fair.

Second Five Best Belgian Stallions at the Illinois state fair.  
First Best Five Shire Stallions at the American Royal, Kansas City.  
Second Best Five Belgian Stallions at the American Royal, Kansas City.  
Second Best Five Percheron Stallions at the American Royal, Kansas City.  
Champion Shire Stallion at the Chicago International.  
Best Imported Shire Stallion at the Chicago International.  
Best Five Shire Stallions at the Chicago International.  
Reserve Champion Belgian Stallion at the Chicago International.

Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion in your neighborhood, who usually is one of your own neighbors (the most influential man of the neighborhood), whose influence is obtained by a large commission paid to him by the seller placing the stallion. The long-time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50 PER CENT. IF YOU HAVE TO HAVE A COMPANY TO HAVE A HORSE IN YOUR NEIGHBORHOOD, FORM YOUR OWN COMPANY and come to the barns. BE CONVINCED THAT YOU CAN SAVE from \$1,000 to \$1,500 which has to be paid to this influential neighbor or neighbors to sell you a horse.

Good American-bred stallions, \$800 to \$1,000. First-class imported stallions, \$1,200 to \$1,600. Choicest stallions a little higher.

We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over thirty-two years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get your guaranty and insurance direct from headquarters. Visit our barns and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guaranties and will sell to you more good horse quality for less money than anyone. Come to the barns and get the most reasonable terms that can be offered.

Send for illustrated catalog and calendar.

Wenona, Ill.

Wichita, Kan. Apply Rosberry & Coon.  
Dawson, Neb. Apply Leroy Judd.

## H. LEFEBURE'S BELGIANS.

FAIRFAX is eight miles west of Cedar Rapids on two railroads and is the greatest Belgian horse market in America. Cedar Rapids and Iowa City electric car passes near farm every 45 minutes.

## Percheron Stallions and Mares.

I HAVE 10 head of young Percheron stallions, 2 to 4 years old, weight 1650 to 2200 lbs. I also offer a few choice mares at living prices. Will sell in a bunch or separately. Address,

JESSE S. GOLDER, - Scribner, Neb.

## Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2380 lbs.

NICHOLAS STAMM, Letts, Iowa

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdum & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$800 each. Address, E. Fugler, Creston, Iowa.

## 80 STALLIONS



THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address, A. LATIMER WILSON, CRESTON, IOWA

## 21 IMPORTED STALLIONS 21

FOR SALE—I have recently landed from Belgium (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and roans. Address,

E. H. KNICKERBOCKER, Fairfax, Iowa

## Percheron Stallions For Sale.

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, - Blencoe, Iowa

A PERCHERON stallion for sale, imported, color black, coming 11 years in spring. A sure breeder, weight about a ton. Write L. Maasdam, Peila, Iowa.

WANTED: Registered cattle, stallions and jacks in exchange for Illinois, Iowa, Missouri, Kansas, Nebraska, Minnesota or Wisconsin farm. Box 164, Independence, Iowa.

## HORSES.

# FRANK IAM'S "TOP NOTCHERS"

LARGEST pair of four-year-old Percheron and Belgian stallions in United States, weight 5080. Winners of 1st prizes and sweepstakes prizes (over all) at Nebraska state fair, 1906. A pair of "nutcrackers," "Iams' kind." Iams' "Horse show" at Nebraska, Iowa and Illinois state fairs was the "talk" of the "people and press." His 2,500 pound Percheron "Trallala" defeated the "Champion winner" "Bibi" of France at Iowa state fair. Iams stirred up "the animals here," "they sat up and took notice" of his winners and sons of winners. He hypnotizes buyers with "top notchers" at "let-live prices." "When! Shy Ann." Buy a stallion today, save \$300 and get choice of Iams barns filled to the roof with

168—PERCHERONS, BELGIANS AND COACHERS—168



TWO to six years old, weight 1,700 to 2,500 pounds. Ninety per cent "black boys," 50% "ton stallions." All registered and approved. Mamma, Iams is a hot advertiser, but he has "the goods." He sells "toppers" at \$1,000 and \$1,500, so good that they need not be "peddled" or put on "auction block," to be sold. He has on his "selling clothes," they fit all buyers. No man with money or bankable notes gets away from Iams. He buys, owns and sells more stallions than any man in United States, saves thousands of dollars to stallion buyers. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.

## \$1,000---Saved at Iams---\$1,000

KEY, what a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "Topnotchers" so good, big and cheap that they need not be peddled to be sold. Mr. Buyer, see Iams' stallions yourself. Take no "gold brick stallion salesmen's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high price" out of the Xmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. George, dear! buy a stallion of Iams. His \$1,200 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives sixty per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. References: St. Paul State bank and Citizen's National bank.

## SAINT PAUL, - NEBRASKA



## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses. The last chance to obtain a colt by SAMSON 27233, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 33719 and F. D. 12610 now at head of the stud. Prices below competition. Barn at Moose Jay, Sank., Can., in charge of E. F. Muxey. L. M. HARTLEY, SALEM, IOWA.

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LEWIS, IOWA

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The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARNS AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

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Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. A Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## PERCHERON IMPORTING COMPANY, CHARITON, IOWA.

YOU want an imported stallion of purest breeding. With a short back, upheaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route. CHARLES R. KIRK, CHARITON, IOWA.



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One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

**Watson, Woods Bros. & Kelly Co.,** LINCOLN HOTEL BUILDING, Lincoln, Neb.

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Percheron, Belgian, Shire, French and German Coach Stallions.

## EASIEST TERMS.

PROTECTION FOR TWO YEARS.

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## FINEST HORSES:

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A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landshaftwart O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.

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IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25

Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors.

25

No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

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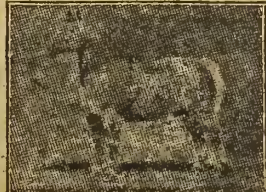
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We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.  
TRUMANS' Have the right kind.  
TRUMANS' Buy the right kind.  
TRUMANS' Always Imported them.  
TRUMANS' Now a Household Word.  
TRUMANS' Commenced with Prize Winners.  
TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
TRUMANS' With our Customers.  
TRUMANS' Treat you right.  
TRUMANS' Treat you white.  
TRUMANS' Came to stay.  
TRUMANS' Have stayed.  
TRUMANS' Horses admired by the crowd.  
TRUMANS' Always looked for at the Fairs.  
TRUMANS' Always something sensational.  
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.  
TRUMANS' Customers treated Honorably.  
TRUMANS' Customers stay with them.  
TRUMANS' Customers have confidence.  
TRUMANS' Customers not humbugged.  
TRUMANS' No loud childish talk.  
TRUMANS' No claiming what they haven't got.  
TRUMANS' Attend their own business.  
TRUMANS' Do honorable work in Show Rings.  
TRUMANS' Let the Public Judge.  
TRUMANS' Of their Exhibits.  
TRUMANS' Don't want dirty work.  
TRUMANS' Don't pay for it.  
TRUMANS' Won't have it.  
TRUMANS' Can do without it.  
TRUMANS' No shifty business.  
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

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BUSHNELL, ILLINOIS.

## THE Lafayette Stock Farm

Lafayette, Ind.

Largest importers in America of Oldenburg German Coach, Percheron and Belgian stallions and this no man can dispute. Our importation of 1906 arrived November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International surprised the hundreds of thousands of visitors that attended. We can and do sell our stallions as low as they can be sold at any place in America.

## DEPARTMENTS

SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.



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IMPORTERS AND BREEDERS OF PERCHERON, SHIRE, HACKNEY AND BELGIAN STALLIONS.

We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1,400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

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We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

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## JACKS.

## FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



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**ADVANTAGES AND DISADVANTAGES OF SHREDDING FODDER.**

According to some statistics prepared by the Department of Agriculture at Washington the cost of producing a crop of corn when the fodder is cut, shocked and shredded is \$14.75 per acre. The items that make up this total are: manuring, 58 cents; seed, 24 cents; plowing, \$1.20; dragging, 48 cents; planting, 22 cents; cultivating, \$1.62; cutting with corn binder, 67 cents; shocking and tying, 52 cents; twine, 47 cents; picking up ears, 25 cents; shredding, \$3.79; machinery cost, \$1.20; land rental, \$3.50.

At first the amount mentioned, namely, \$14.75, seems a little high, especially when it is taken into consideration that these statistics were taken in the state of Minnesota. However, a consideration of the items given above will show that after all they are reasonable. Where a similar acreage is husked out the cost amounts to \$11.77 per acre. In other words, it costs less per acre to handle a crop when it is husked and the fodder left standing in the field than it does to cut it with the binder and shred the fodder afterwards.

When it comes to the matter of comparing the value of a corn crop that has been shredded and one that has been picked and the corn stalks afterwards pastured, we find that the bulletin referred to compares the two systems in this way. It is assumed that thirty acres of corn fodder is cut and the stover shredded to provide roughage for cattle at \$14.75 per acre. The cost of raising and shredding this thirty acres will amount to \$442.20. The crop will yield 1,350 bushels of grain which, at thirty cents a bushel, amounts to \$405, while, in addition, there will be thirty-eight tons of shredded fodder at \$2.84 cents a ton, amounting to \$107.92. The total value of the crop is therefore \$512.92.

Turning now to another field where twenty-five acres are husked out and five acres cut for fodder, we find that the cost of raising and harvesting the crop to be \$355.35. Eleven hundred and twenty-five bushels of corn are produced on the twenty-five acres, which, at thirty cents per bushel, amounts to \$337.50. On the five acres cut for fodder there are seventeen and one-half tons, which, at \$4.90 per ton, amounts to \$85.75. The twenty-five acres of corn stalks are estimated to be worth for pasture \$1.25 per acre, thus making the value of the pasture \$31.25, or a total in the valuation of the crop from this thirty acres of \$454.50. This means only a difference of \$58.50 in the value of the crops from the thirty-acre tracts handled in the manner described.

While this is not a very strong showing in favor of the practice of shredding, at the same time attention should be called to the fact that the cutting of the corn crop just as the grain begins to dent and the shredding of the fodder when it is dry saves a by-product that otherwise would largely go to waste. In the second place, the cutting of the crop enables one to do his fall work with much more regularity, and especially to plow his corn land, which is of great advantage in these days of insects. Instead of leaving the fodder in the field to go to waste, which much of it is bound to do, no matter how closely it is pastured, one has his surplus stover to use as bedding when it is shredded. Because of these things, the actual cash showing made by a field of corn that is shredded does not

set forth the true state of facts, because the practice of taking off the crop instead of leaving it standing so affects for the better the whole system of tillage on a given farm. Of course the labor question is an important one, and more than anything else interferes with the much freer advocacy of the shredder system.

**THE QUESTION OF HOG LICE IN COLD WEATHER.**

One of our subscribers, who requests that his name be withheld, sends the following communication to this paper:

Your issue of a week or so ago contains an interesting article upon "Killing Hog Lice in Cold Weather," in which you invite discussion on the subject and ask for results of experience along that line.

I have used several different kinds of dip and in various ways, have used a tank large enough and deep enough to immerse a 300-pound hog, and have so immersed every hog on the place from a two-week-old pig to a 350-pound boar. I have used a sprinkler and sprinkled them with dip, poured it into the wallow holes, and scattered it in their sleeping places and under the shade trees where they "loaf" during the middle of the hot summer days, and think I have derived great benefit from it as a disinfectant and to re-

move scurf and give the skin and hair a nice, soft, smooth and glossy appearance. My experience has been that dip is no more effectual in riding a herd of hogs of lice than a sponge bath in cold water is in ridding a lumber Jack of gray-backs, and I have had experience and observation of both.

There may be dips that will kill lice, but none that I have tried have done it for me, and the same holds true with some of my neighbors. It is also claimed that dipping affects the hearing and that it also injures the eyes, and I think it does. I am a strong advocate of dip as a disinfectant and am never without it. Twice a week we sprinkle it around the pens, sheds, sleeping quarters and on the feeding floor, but when we want to kill lice we use kerosene and machine oil, equal parts, and it is sure shot and can be used in cold as well as warm weather, only one would want to select a mild, sunny day if using it in winter for his own convenience.

My process is as follows: Near one end of my chute I place a temporary gate which extends across the chute when closed and is just far enough from the end of the chute to hold one hog. The gate is opened, the hog run in, and the "killing" commences. I apply the kerosene and machine oil with a bath rag and grease every part of the animal even to the crevices in the ears, and every louse is killed as soon as the kerosene touches him. The machine oil prevents the hair from coming off. I have thoroughly tested this process and find it effectual and no bad results follow. It is surprising how fast one can get over the herd after a little practice. We have a herd of 150 and with

the assistance of one man to use the hurdle and run them into the little pen I can do the entire bunch in half a day. But, suppose it takes two or three days. If one's herd is badly infested it will be the most profitable three days' work you have done during the season. Kerosene will not kill the nits and the process should be repeated in ten days. There is nothing that will kill the unhatched unless it is strong enough to kill the hog.

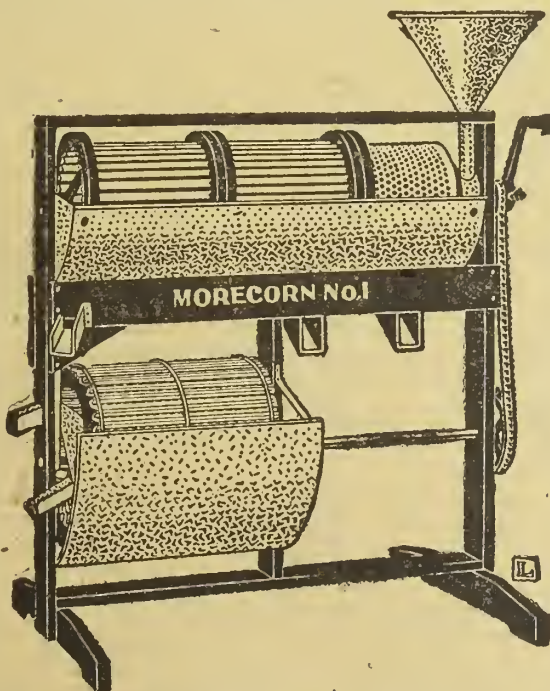
We are pleased, indeed, to give our readers the benefit of this man's experience, although it does not coincide with the experience of a great many successful men, because swine breeders on every hand can be found who have succeeded in killing lice by the use of good dips; in fact, this matter was worked out to some extent at the St. Louis Exposition and it was found positively that the dips would kill lice. However, the plan suggested here is unquestionably effective, and it will certainly pay any man who has lice in his herd to spend at least half a day occasionally to go over them, providing the lice cannot be killed in any other way. It is almost impossible to make gains on a lousy hog, and for that reason it will pay to adopt any or every means to get rid of them, and to get rid of them right away.

**THE NUMBER OF ROWS ON AN EAR OF CORN.**

One of our subscribers, Mr. C. D. Fox, of Rock county, Wis., sends a sample of corn upon which he has been working as an experimenter for a number of years. He states that the ears sent are medium in size and medium in the number of rows per ear. He also states that some of his largest ears run as high as forty or fifty rows to the ear. It is his opinion that by increasing the number of rows to the ear and the size of the ears that you can continue to increase the yield of your corn. His experiments up to date indicate that the larger the ear the greater the yield.

This question of the number of rows that should be found in an ear of corn bobs up periodically, and we doubt if it is possible at this time for any man to state just how many rows one should aim at in the selection of his seed and in the fixing of the type. However, we think that Mr. Fox is entirely wrong when he suggests breeding corn that contains as high as forty or fifty rows per ear. One of the ears that he sent measures nine inches in circumference and it carries twenty-six rows, though the length of the ear is but eight inches. The cob itself measures six and one-half inches in circumference, which is altogether out of proportion. This ear weighed fourteen and one-half ounces and it yielded eleven ounces of grain. This makes the proportion of grain to the total weight of ear about 75½ per cent. Now, as a matter of fact, it ought to run at least 10 per cent higher than this, and some of our score cards call for as high as 88 per cent of grain.

The objection to so large an ear as this, and especially to one carrying such a large cob, is that it takes a long season to mature such corn and after it is matured it takes a long time to dry out. This is one of the reasons why a little more emphasis is being placed on the matter of producing corn that has a comparatively small ear as compared with former times. If one will pick up a good ear of corn that measures about seven and one-half inches in circumference and it is rightly proportioned, he will find that it carries eighteen or twenty rows and that it will yield from 85 to 88 per cent of grain when it is



The above is an illustration of the "Morecorn" Sorter, manufactured by the Monarch Self-Feeder Company, 95 Main St., Cedar Falls, Iowa. It is the only corn sorter that can and does sort corn according to length as well as thickness. A very few machines intended to grade corn have been offered to the trade, but nothing ever brought out filled the long-felt want until this wonderful machine was placed on the market the past corn-planting season. The demand that sprung up for this machine was remarkable. It is simplicity itself when it comes to the point of operation and construction. A Homestead representative called at the factory of the "Morecorn" Sorter and tested the machine carefully and found that all the claims made for the machine by the manufacturers are true. Among these claims is that of sorting the corn accurately. The representative went through a box of corn sorted by the machine and measured a great many doubtful kernels and found that they all came well under the specified size. The principle of the machine is such that it is almost impossible to do otherwise than sort the corn perfectly. The corn is sorted into five different grades; the first, those kernels that are too narrow for good seed; the second, those that are too thin; the third, those that are too thick; and the fourth, those that are right for planting. Then this latter assortment is again graded as to length; the kernels one-half inch and shorter will be deposited in one box, and those over one-half inch in length in another. These last two grades of corn were tested with regard to their going into the cells of the edge-drop corn planter, and not a single kernel that would not fit was found. The Homestead takes great pleasure in recommending this machine to its readers, for by so doing it feels that it is assisting in the larger corn yield for them, and at the same time their general prosperity. This machine has been tested to sort corn so perfectly that an edge-drop planter drops the corn 95 per cent perfect, while 65 per cent is the best it can be sorted by hand.



dry. If the rows are more numerous the chances are that the kernels will grow a little too slender, at least this will be the case unless the ear is larger in circumference. Now, a slender kernel is not desirable for the reason that this is the most difficult kind of corn to plant. Every man who selects corn should decide on what kind of a kernel he likes best, and should hold to this type. Only in that way will it come about that corn can be planted uniformly, even though the seed is graded before it is planted.

There are no conditions found any-

where in the corn belt under which it is advisable to select corn so as to fix the habit or characteristic of producing thirty, forty or fifty rows to the ear. We do not state that any man knows the number that should grow on an ideal ear of corn, but we assert again that it is somewhere around eighteen or twenty rows. In any event, it is not advisable to greatly increase the size of the cob in order that the number of rows may be increased, because most assuredly you will then fix the characteristic of late maturity in the corn you are handling.

## The Land Renting Problem

*Expressions from both sides of the question*

As the land renting question is open for discussion for tenants as well as landlords, I will express my opinion from a tenant's standpoint.

I have been a renter for the past seven years and have in that time lived on two different farms. I am now living on a 240-acre farm and could have leased for as long as I wanted, but next spring I shall take charge of a 400-acre farm. The plan on which I am renting is half and half, as tried by Mr. Allen, with the exception that I even give half of the poultry and have no butter for family use, although I am milking thirty cows. But as I own the work horses the landlord pays for all the horse service, as I think it is enough for the tenant when he furnishes the horses. The mare loses a great deal of her work during the foaling period, as well as running the risk of losing the mare without paying for any services when he gives the landlord half interest in the colt.

According to my view and observation I believe that the best and safest plan for a person with limited means, from the standpoint of both landlord and tenant, is on the half and half basis. Each furnishes half of the stock and machinery, each half of thrashing and twine, the tenant doing all the work and dividing half of the proceeds of what is sold, be it stock, grain or cream. Both should honestly give their opinions as to their different methods of management, caring for the stock and conducting the business generally, then the best plan should good-naturedly be adopted. If this is carried out and prices and crops are as good as they have been the past year, both will make money.

But it must be admitted that there are a great many shiftless renters who take no interest in keeping up the farm, either in appearance or fertility. They let everything—fences, buildings, etc.—go to destruction and let the weeds grow in the field unmolested along the roadside, as well as in the yards about the house and barns. But it must also be admitted that there are just about as many shiftless land owners who work their own farms. These do not have enough pride about them to keep the weeds down or their buildings in respectable appearance, but still they are considered good and well-to-do farmers, simply because they own their own land. It will therefore be seen that there are both thrifty and unthrifty land owners as well as tenants, and Mr. Allen has been very unfortunate in most all cases in the selection of a shiftless tenant. To a certain extent the landlords or owners are to blame for this shiftlessness of tenants, as they will not look after what is really needed for repairs and not think of furnishing any until the fences and buildings are almost a total wreck. Then they will rumble at the expense of keeping up the place. When they lived on the farm themselves they failed to keep any account of what was spent for repairs, hence they think the tenant is extravagant.

It is also true that many of these landlords and land owners have never worked on a farm. Nine cases out of ten they have made their money by side deals or buying and selling land, so they do not realize the amount of time or labor it takes to keep a place up in appearance and fertility; and it is a great deal easier to drive along the highway and find fault with the tenant than it is to take scythe and give him a helping hand to mow the weeds along the roadside or repair the fences and buildings. The tenant is compelled to do this work, for which he receives no pay, whether he can spare the time from the fields or not.

Because a man is not fortunate enough to own a piece of land and has to be

a renter for a few years does not prove that he is not qualified or does not have good judgment for managing a farm. There are many renters who have better judgment than landlords in regard to running a farm and making it profitable. M. Olsen.

Humboldt county, Iowa.

In reading the article by B. S. Allen on renting land it occurred to me that a few remarks from a renter would not come amiss. In the first place I think Mr. Allen has been very unlucky in getting tenants, as he has had three or four and none have suited. Before passing judgment on the renter I would like to hear the renter's side.

I have a case in mind that happened here this fall. A young man inherited about 700 acres of land about ten years ago. He rented part of this land to a person who has lived on this place for eight years. This fall they had some trouble and the owner is telling that this man was not a good farmer. It looks as though he could have found that out before eight years had slipped by. The renter was responsible financially, as he has bought a farm. I am living on a 190-acre farm. I furnish horses and machinery. The landlord and myself own the stock together and we divide the profits half and half. The landlord pays half of the thrashing, coal and twine. We keep from thirty to forty cows and sell milk. Last year the landlord received about \$1,100 for his share and I think I will do better this year, as we had a better corn crop. Thirty acres of this land have been rented for cash for nine years and no manure applied and corn was raised eight years out of the nine. This land is on the north side of a hill and is not good. The landlord says he wants \$100 per month or \$1,200 per year. It looks to me as though the landlord receives too much of the tenant's labor under this plan, as this land farmed for fat cattle and hogs would not pay the way it does now with milk cows.

I think the cash rent system is the best for all concerned. The landlord can protect himself by inserting in lease that tenant must seed down a certain number of acres every year and must keep a certain amount of stock, depending on the size of the farm.

Lee Co., Ill. Milford Johnson.

I have read the article of Mr. B. S. Allen in regard to renting lands with great interest. I think Mr. Allen's position is a more difficult one than the one of a retired farmer who moves to a nearby town, but still is in close touch with the renter, having one or two eyes on him most of the time. The contract with a renter protects the land owner but little. If this contract is made with a shiftless, good-for-nothing man the land owner is beaten anyhow, and the difference of renting, whether partnership or share rent, makes but little difference. I therefore regard it as a most important point to investigate the character and ability of the man more than his financial standing. In fact, I have had the best success with poor men who had nothing but a sound body, good will and no bad habits. If he has a clean, ambitious young woman, not afraid to milk a cow, or help her husband a little in the field work, so much the better. This kind of a renter always gives satisfaction and always stays until he buys a farm of his own.

This reminds me that Mr. Allen says nothing about the term of lease, which is most essential because a one-year renter means no rotation of crops, or, in other words, it means soil robbery. A land owner should lay down an iron-

clad rule by which not less than one-fourth of the farm should be in meadow or pasture.

Now, let us return to our young renter. He will naturally rely upon the land owner's judgment, and little by little the interest in crops and stock may be made mutual. If he has no experience with stock and don't care to use the pasture, nothing is lost if the owner is compelled to stock it up himself. And even plowing under the entire crop of clover would incur no loss to the landlord. I would prefer the latter method to the renting of meadow and pasture for cash, allowing the renter to take in stock, because he would not allow a spear of grass to fall to the ground but have the roots of the forage plants gnawed out of the ground. Pastures kept very short all season don't help the land much in future crop raising; in fact, on rolling ground the bad effect is often seen. The crops suffer from the slightest drouth, and we say the ground was too loose or we may think the straw or corn stalks were too heavy, when it most generally is a fact that a good soaking rain, that made the corn field too wet to get into for several days, has not stored any moisture in the pasture soil. The bare sod carries the water rapidly to the draws without other effect than the washing of ditches.

A rotation of crops divides the work of the renter so he can do more himself than by the one-crop proposition. Suppose he has on a quarter section 120 acres of corn. If he has two boys large enough to run cultivators and has three teams, he might raise a good corn crop. But what else can the boys do from the time the corn is laid by until thrashing time than by working by the day or month elsewhere or loaf around in a nearby town looking for a job? Now, if this man has the place for five years, what about crop rotation? He must change his plans every year, while on the other hand he may handle a half section and figure out his work ahead for an indefinite time. The renter with grown-up boys and no means or plenty of personal property around him is no good. He has evidently done nothing for himself and will do nothing for his landlord. He is hard to handle, because he does not have confidence in himself and more than likely refuses to take advice from another. It has been my plan to make my interests and the interests of the renter mutual as far as possible with best results.

A member of the corn improvers' association of Nebraska has hung up several hundred dollars in prizes for his several renters in a corn growers' contest, and claims good results. He is a large land owner and I would like to hear him on the rent proposition.

In conclusion, I will say again that without an agreed proposition upon crop rotation there is no intelligent understanding between renter and land owner, and if the renter fails to give satisfaction it is not necessarily his fault alone. I would rather take \$2.50 per acre from a renter who has agreed upon a crop rotation than \$3.50 from a man who takes the farm without. The latter will more than likely destroy the fertility of the soil to a greater extent than would make up the difference in rent.

One more suggestion and I will close. The most desirable renters are families just new from some parts of the country "across the pond," such as Germany, Sweden, Norway, etc. If the organized agriculture of the West would establish a labor bureau in Castle Garden to direct those newcomers to the West and help them find employment as farm hands or renters, it would not only be helping to get farm laborers, but it would be doing a whole lot for the people who are now picked up by the railroads and the manufacturing plants to live a miserable life in cities. Johnson Co., Neb. Wm. Ernst.

## CENTRAL SHORT-HORN BREEDERS ASSOCIATION MEETING.

The tenth annual meeting of the Central Short-horn Breeders' Association will be held in Kansas City, Mo., February 5th and 6th, at which time the following program will be carried out:

President's address.  
The Possibilities of a Foreign Market—Walter L. Miller.  
Show-yard Etiquette—Col. W. A. Harris.  
Straight, Crooked or Cross-wise, but Always the Best—John R. Tomson.  
Two Classes of Bulls to Castrate for the Good of the Breed—Prof. W. J. Kennedy.  
Best Foods for Economic Production of Beef—Prof. R. J. Kinzer.

## Horse Owners! Use GOMBAULT'S Caustic Balsam



A Safe, Speedy, and Positive Cure  
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FILING. Impossibility to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE-WILLIAMS CO., Cleveland, O.

How to Establish and Maintain a Good Local Trade—S. C. Hanna.

We are not informed as to the place of the meeting, but this will be given in our next issue.

## SECRETARY COBURN ELECTED.

After one of the most successful meetings of the Kansas State Board of Agriculture that has ever been held the secretary, F. D. Coburn, was re-elected by the board for another term. The fact that Secretary Coburn had refused a seat in the United States senate resulted in the board passing unanimously the following resolution:

Resolved, That we hereby express our acknowledgments to Secretary Coburn for the compliment, unprecedented distinction and dignity conferred upon the Kansas State Board of Agriculture, and the office of secretary thereof in refusing the office of United States senator. By this action he has set an example for the nation and all men who labor that agriculture and devotion to the cause of genuine agriculture when best understood has a dignity and a pleasure second to no other pursuit in business or political life.

The other members of the board are: President—A. L. Spensler, Hutchinson. Vice-President—Chas. E. Sutton, Lawrence.

Treasurer—Edwin Snyder, Oskaloosa. With the exception of C. E. Sutton, the retiring members of the executive board were re-elected. Mr. Sutton became a member of the board by his election as an officer of the board, and J. W. Robinson, of El Dorado, the retiring president, was elected to fill the vacancy on the board. The first four of the following directors were elected this year:

J. T. Tredway, La Harpe, Allen county.  
G. W. Glick, Atchison, Atchison county.  
Edwin Taylor, Edwardsville, Wyandotte county.  
George W. Hanna, Clay Center, Clay county.  
T. A. Hubbard, Wellington, Sumner county.  
W. R. Dowling, Norcatur, Decatur county.  
Thomas M. Potter, Peabody, Marion county.  
A. W. Smith, Grove land, McPherson county.  
L. L. Diesem, Garden City, Finney county.  
E. W. Hoch, governor (ex officio), Topeka.  
J. R. Burrow, secretary of state (ex officio), Topeka.

## ABOUT THE SMOKING OF MEAT FOR SUMMER USE.

At this season of the year it becomes a matter of anxiety how best to prepare our meat for summer use. We have all experienced the trials incident to butchering, curing and smoking meat, and it is with apprehension that we always approach the last part of this work, the process of smoking. During the last eight years a firm in Kansas City, Mo., has been exploiting a new way of smoking meat and where their method has been adopted all the work and worry



attending the old way of smoking meat has been done away with. They manufacture what is known as Wright's Condensed Smoke, which is a liquid, made by burning selected hickory wood, condensing the smoke into a liquid, which is then put up in quart bottles, one of which is sufficient to smoke a barrel of meat. By referring to the advertisement of the E. H. Wright Company, Ltd., on page 21 of this issue you will learn how to procure a small sample of their preparation free of charge. In writing them, please mention this paper.

TO CURE A COLD IN ONE DAY  
Take LAXATIVE BROMO Quinine Tablets. Drug gets refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.



## Farm Furrows

Turned by a Practical Farmer.

There are no tonics better for the calf than plenty of sunshine and pure air.

At the present prices for lumber a good cottonwood grove would make a farm several hundred dollars more valuable if we were buying.

I am not a believer in much skimmed milk for the family, but prefer the real article. If a farmer cannot have the best, I would like to know who can.

A work was published some time ago entitled "Pigs is Pigs." I want to say that when they get up to six and a half cents a pound pigs "is" pigs.

Did you ever try to carve a fowl in the presence of a large number of your friends? If you did, you know all about just how jointless the pesky thing is at such a time.

Will some kind reader please state how he catches young gobblers that have been allowed to roam at large all their lives? I have tried driving them into sheds, stables, hen houses, etc., and have failed. They simply pick up and fly over everything.

The feeding of a big bunch of fattening hogs in soft weather during the winter is rather a tough proposition. This is especially true where you do not have a feeding floor. I always practice grinding my grain and feeding it in that form either dry or moistened during muddy weather. It is fed in troughs designed so that hogs cannot get their feet in them.

In these days of rapid printing, how is one to keep up with the times? Even an omnivorous reader can scarcely follow a fraction of 1 per cent of what is published. My plan is to follow closely two or three good agricultural papers, two or three good magazines and a few of the best books. I guess I miss a

Try this

## Harrow FREE

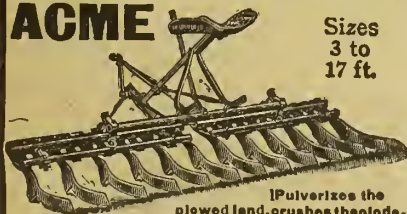
RETURN AT OUR EXPENSE  
IF IT DOESN'T PLEASE YOU.

Here is a harrow that looks very different from the old spike or spring toothed harrow.

It is different. Every point of difference is a point of big improvement. It is as much better than the old fashioned harrow as a modern plow is better than the Indians' crooked stick.

ACME

Sizes  
3 to  
17 ft.



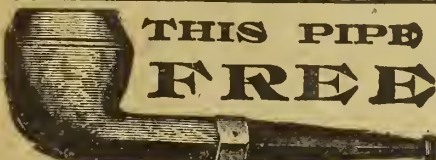
Pulverizes the plowed land, crushes the clods.

The coulters or teeth of the "Acme" work as a gang plow. They turn over the pulverized ground and give the crop all the soil's benefit. Farmers will tell you that bigger crops grow after an Acme harrowing.

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Write us today and we'll send you free, a valuable booklet, "A Perfect Seed Bed." It means money to you.

DUANE H. NASH,  
Box 44. Millington, N. J.



THIS PIPE  
FREE

THIS HANDSOME PIPE FREE! Full sized dark mahogany finished, imitation genuine Freeh Briar. Handsome bowl and stem with German Silver ferrule giving the whole pipe a very rich appearance. Screw stem is detachable, bowl is large, the pipe is sweet and affords as delightful a smoke as the best pipe made. You can get one absolutely free. All we ask you to do is to send us two names and addresses of farmers and 25 cents for 6 months subscription to Successful Agriculture, the finest and nearest farm publication in the United States. Full of beautiful half-ton illustrations with a department for every branch of home and farm and page of fashions for the ladies. Send us 25 cents today, stamps or silver, to cover 6 months subscription to the paper. The pipe is free.

SUCCESSFUL AGRICULTURE,  
205 Union Block, ST. PAUL, MINN.

# A dollar's worth of Standard Stock Food

—contains more feeds,  
—will go farther,  
—last longer and  
—produce more and better  
results,

than a dollar's worth of any other stock food  
made, whether it costs 5c or 15c a pound.



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The Standard looks better, smells better, tastes better and is better—stronger, richer, more concentrated—and a much less quantity of it is required at each feed.

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It gives the best results at least cost.

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We have more than 400,000 satisfied customers who have proved that "It Makes Stock Thrive." Ask your dealer to supply you; if he cannot, do not take a substitute but send to us direct. We will ship immediately and protect you with our Square Deal Guaranty.

**Free to You** Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep. Write today.

**Standard Stock Food Co., 1516 Howard St., Omaha, Neb.**

great deal, but I hope the other fellow will get what I miss.

I am not much of a believer of stirring stock up early with a lantern during the winter months. I believe it pays to let them sleep right through until daylight.

I have never had any marked success with a hot-bed, but I am going to try again. Early vegetables taste just a little better when you know that your neighbor has none.

Did you ever know a chap who had the biggest and best of everything? No matter what was talked about it would always come out that he was in the lead. Such conceit is generally found in the pate of a cheap skate.

For putting good rich blood into boys and girls I doubt if anything will beat oatmeal and good rich cream. The baled hay idea as applied to breakfast food never appealed to me—pardon me, I meant to say baled excelsior.

Why not paint all the farm buildings one color? This makes uniformity, which results in a much more attractive appearance all around, rather than a crazy-quilt-patch-work effect where the buildings are not of one color.

Is there anything that tastes better than a good apple when you have worked hard all day and have settled down to a good evening's reading? At such a time I think a good Jonathan has the best orange that ever grew skinned a mile.

The winter has been unusually mild thus far, and cattle that are fed a little grain twice a day are doing as well in the stalk field and running on pastures as they usually do during the summer and fall. This winter is simply a stockman's snap.

There are two steps in the process of feeding out a pen of barrows for market. The first is to grow them with plenty of meat and bone-making foods. After you have secured a good frame, well covered with meat, then you can pile on the fat with corn.

There is a good deal of trouble caused by men being slow in sending pedigrees after selling pure-bred animals. When a man buys a pure-bred it is not unreasonable if he expects that the pedi-



## A Tank It Pays to Buy

Don't confound the "Bushnell Pump Co.'s" tank with other tanks. The Bushnell is in a class by itself. Here are some of the reasons:

Big, thick staves that are made to fit from edge to edge all the way down. Machinery makes every joint perfect. Lumber especially selected for tank purposes, not cast-off pieces from furniture and other factories. Every Bushnell tank tongued and grooved. We're ready with the machinery to do it right. Other tank builders do it just occasionally "to meet Bushnell Pump Co. competition" doing it then as best they can. Strong, heavy steel hoops. We give them to you round or flat. Adjustable patent draw lugs: look at the picture and you'll see what we mean. You can always keep your tank hooped up snug and tight. Galvanized hoops when wanted. Tank lasts a lifetime.

We can give you any size you want—2 to 16 feet high, 4 to 16 feet in diameter. Capacity from 5 to 760 barrels.

Don't forget the long line of Bushnell Wood and Iron Pumps, Steel Tanks, Iron Pipe Fittings and general line of Steam and Well Supplies. Write for descriptive matter. If your dealer does not have our goods in stock, send us his name and address.

**THE BUSHNELL PUMP COMPANY, Dept. C, Bushnell, Ill.**

# CROPS WITHOUT WEEDS

The way to get them is to clean and grade your seed. Clean, graded seed yields 5 to 15 bushels more per acre, the grain is better quality, less liable to rust and smut and sells for a much higher price. Every 20 acres of land cultivated will pay for a grader every year; the increase in value and crop yield will net you a handsome increase in profits and pay the Rent for the Renter besides ridding your farm of weeds and noxious plants. Our Little Star

## COMBINED CORN SORTER, GRAIN GRADER AND GRASS SEED CLEANER

is the most efficient and economical machine of its kind made. Cleans, grades and separates any seed or mixture of any four similar seeds at the same time—does the work of Three Machines but costs only the price of one. Has double the screen surface of any machine of its kind—7 complete riddles and 4 double wire screens.

Our "Corn Grader" Screens No. 8 and No. 9, provide an absolutely uniform "drop" from the "Corn Planter," edge drop or otherwise. Every machine guaranteed. Will do all grain and seed work for 100 acres. Price \$19.98. Freight paid. Write today.

HALL GRAIN GRADER CO., 224 Locust St., Winfield, Iowa.



gree be sent to him in a very few weeks at the outside. The man who would represent an animal to be pure-bred, es-

pecially a male, when as a matter of fact no pedigree or certificate can be furnished should be put behind the bars.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## WARMING WATER FOR HOGS.

Mr. P. H. Kaiser, of Blackhawk county, Iowa, submits the following communication:

Some time ago an article appeared in your paper asking for experience from your readers in regard to warming water for hogs and devices for doing the work. Some years ago the writer had an upright factory-built boiler which was used to some extent, but on account of size and monkey-work was discarded later on and ice cold water or swill again used. Not because we wanted to, but for the reason that we were unable to find anything that would fill the bill.

However, this winter we have put in an arrangement that is not expensive and does the work. For the benefit of others we will herewith give same in detail. A galvanized tank eight feet long, three feet wide and two feet high was purchased, same holding eleven barrels. A foundation was then built the length of the tank and sixteen inches high, a fire door being placed at one end and a six-inch pipe placed at the other end. Now, we have a fire-place which is large and roomy, will burn coals, old posts or coal or anything else, and enough can be put in at one time to last for the heating of an entire batch. With this arrangement enough swill can be heated for a dozen or several hundred pigs without any more trouble. The cost of the entire outfit, including labor, is \$15, and this device is surely equal if not better than some that are on the market selling for \$65.

At this time of the year we add about ten quarts of linseed meal (old process) each morning, to the amount of water that is required for the day for eighty head of hogs. When warmed up this is relished very much.

About the only comment that we desire to make on Mr. Kaiser's plan is that he will in all probability have to spend another \$15 installing a new tank next year, because we have never found galvanized iron that would stand more than one winter if used for such a purpose as this. We do not say this in the interest of any manufacturer of feed cookers, but state it simply as the result of a more or less costly experience.

Where one makes a practice of cooking feed daily or even three times a week it should be done either in steel vessels or in those made of malleable cast. Then, of course, there is the other plan of using steam only for heating water and slop. This is a method that involves comparatively little labor, and it has this advantage, that there is no danger of burning the food.

We therefore say to those of our readers who are coming to believe that it pays to do some warming of feed and water in winter that in the end some kind of a good feed cooker is cheaper than one that can only last a year or two.

We do not know how many of our readers are following the Litchfield continued story which appears in this issue on page 5, which we have been publishing for some time. We are certain,

however, that a good many are interested in it. We think it will pay any of our other readers who are land owners to read these stories.

## HOW FARMERS ARE MAKING MONEY ALL THE YEAR AROUND.

Thousands of farmers in this country have taken advantage of the free trial offer of the National Cream Separator people to prove how easy any farmer can make money on the side, separating his own cream and his neighbors' instead of wasting one-fourth of the cream by setting milk in the old-fashioned way. Anyone of our readers who wants to prove this by thirty days' free trial of the National Cream Separator can do so by simply writing and saying that they read this publication. The Wisconsin Experiment Station has proved that every cow's milk is worth \$12 more per year in cream if a separator is used instead of skimming and wasting one-fourth of the cream. You can easily prove the truth of this statement by thirty days' free trial of the National Separator. Just write today and ask for the free catalog telling about this, and say you want to try the National Separator for thirty days. Address the National Dairy Machine Company, Goshen, Ind., or the Hastings Industrial Company, of Chicago, Ill. Say you are one of our readers.

## ADDITIONAL FIELD NOTES.

Miss Nettie Crane, proprietor of the Bob White Poultry Yards at Blencoe, Iowa, is offering Single Comb Buff Orpingtons for sale in her advertisement that appears on page 14.

## HANKS & BISHOP'S DUROC JERSEY SALE.

The breeder or farmer who is in the market for good Duroc Jerseys should plan to be present at the forthcoming Duroc sale of Messrs. Hanks & Bishop, of New London, Iowa. Forty-two head have been cataloged and for uniformity of type and color the offering is unexcelled. By the use of extra good boars and the addition of good sows each season, this firm have been successful in building up one of the good herds to be found in the central West. They have fixed a type and adhered closely to it. Indiscriminate buying always results in failure. The breeder who buys with a definite type in mind invariably meets with success. Such is the case with Messrs. Hanks & Bishop. The herd boars in service are very good ones and come from the fashionable families of the breed. We wish to call particular attention to the spring boar, Model Wonder. He was sired by Crimson Wonder I Am, the first-prize and champion boar at the Iowa State Fair, 1905. Model Wonder is also a half brother to the first-prize and sweepstakes boar at the same fair this year, and it is safe to say that if Model Wonder is properly cared for he stands good chance to be in the prize lists this coming fall. Safe to say there is no breeder but what can improve his herd by securing a good sow bred to Model Wonder. Another boar to which many of the sows are bred is Iowa Chief 4847. He was sired by Golden Rule, the principal boar in use in the herd of Mr. R. C. Watt, of Cedarville, Ohio, and the sire of much of the good stock which is to be found in that noted herd. The dam of Iowa Chief was sired by that noted show and breeding boar, Ohio Chief. Top Notcher I Am, is another of the good boars used in this herd. He was sired by Top Notcher Again, he by Top Notcher and out of Cedarville Queen II, the dam of much of the show stock exhibited by Messrs. Watt & Foust at the World's Fair in 1904. The dam of Top Notcher I Am was Miss Indicator, she by the state fair winner, Indicator. The sows selected for this offering represent the tops of many herds. Several of them are put in the sale especially as attractions, several of their get being included, which will prove to those present that they are desirable sorts to add to already established herds, or to the beginner who wishes to start with the right kind of stock. The get of Top Notcher Again, Buddy K. IV., Proud Advance, Indiana Boy (he by None Such, the sire of Hanley), Mayor Jr., Young Crimson by Ben Davis (first at Iowa State Fair in 1904), and others of equal merit make up the offering and we take pleasure in recommending this sale to our readers. Those who cannot be present sale day may send bids to Mr. D. M. Pierce, in care of Messrs. Hanks & Bishop. Write for catalog at once, kindly mentioning The Homestead, and plan to be present sale day.

## MANLOVE BROS. & NORRIS DUROC SALE

One of the most important sales of Durocs to be held this season is that of Messrs. Manlove Bros. & Norris, at Bowen, Ill., on Friday, February 1st. Fifty head, sixteen tried sows, thirteen fall yearlings, twenty-one early spring gilts have been selected for this occasion, and it is safe to state that no breeder will be disappointed in the offering. The blood of many noted sires is to be found in the offering. The boars in service in these good herds are worthy of more than passing notice. Big I Am, acknowledged to be the best son of Buddy K. IV., was used with much success in the herd. This boar was first prize pig under six months at the Illinois State Fair 1904, and up to the time of his death the past summer,

# PILES NO MONEY TILL CURED.

**FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.**—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.  
**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**

was used extensively in the herd. Breeders were quick to pick up one of his get whenever they were offered for sale. He was followed by Hambletonian, a boar which breeders throughout the West are familiar with. He was used with much success in the herd of Mr. H. B. Loudon, at Clay Center, Neb., and from him was secured by Messrs. Manlove Bros. & Norris. He was shown at the Nebraska State Fair in 1904, winning first in the twelve and under eighteen months class, and his produce won second as herd in the same show of 1905. Individually Hambletonian is of show yard type. He has plenty of length, nicely arched hack, plenty of bone and stands upon the best of feet and legs. He is one of the surest breeders the writer has known, and a gilt or sow bred to him should not go begging in this sale. A number of the best sows have been bred to him. Another boar recently added to this herd is Illinois Chief. He was sold at auction at \$500, and is thought by many to be one of the best sons of the old champion, Tip Top Notcher. He won second in the under twelve months class at the Illinois State Fair in 1906, and was a favorite among many for a higher place. He has been used steadily since his purchase and is in fine shape. If carried along in his present form, he will make his mark in the fall shows. Has a nice head and ear, good hack with wide full ham, and an extremely large bone. His dam was Daisy Improver, one of the best producing sows to be found in any herd. She farrowed a litter of eight, four boars and four gilts, that during the past season elicited much favorable comment for their uniformity and excellent individuality. It is not necessary for us to go into detail regarding the offering, further than to state that it is one of the most uniform and well bred that will grace an auction ring this year, and the writer representing this paper is sure that the breeders will not be disappointed sale day. In our next issue we will have something to say regarding the offering individually, and would advise our readers to get a copy of the catalog and examine it carefully. If any cannot be present sale day bids sent to Mr. D. M. Pierce in care of Messrs. Manlove Bros. & Norris will be properly handled. This sale occurs the day after that of Mr. H. B. Griffiths, and both sales can be made at the same expense. Arrangements have been made to properly care for all visiting breeders. Look up the advertisement on page 24 and plan to be present at the Grand Champion Circuit of sales.

## DISPERSION OF THE O. L. KERR HERD OF O. I. C.'S.

Breeders of the O. I. C. hogs throughout the corn belt should take a great interest in the dispersion sale of the famous herd of O. I. C. swine owned by the late O. L. Kerr, of Independence, Mo. That this should be a great event in O. I. C. circles will not be questioned, as Mr. Kerr had, up to the time of his death, done as much, if not more, for this great breed of hogs than any other breeder in America. It was Mr. Kerr who proved to the hogmen of the corn belt that the O. I. C. could be bred to such a state of perfection as to make them more popular among the farmers than ever before. That this is so is because Mr. Kerr was progressive, saw the needs of the breed, knew how to mate his hogs so as to produce the desired results and then show them at the leading shows. We regret that we have not a list of the winnings made by Mr. Kerr's hogs, but breeders who have followed the show records know that more prizes have gone to Mr. Kerr's herd in the past three years than to any herd in America. To Mr. Kerr also belongs the credit of producing more high-selling O. I. C. hogs than have ever been produced in the corn belt. The foundation stock that has produced all these winners and high-selling O. I. C.'s will be in the sale. Several of them are winners, such as the great breeding boar Kerr Dick that stands in a class by himself, Kerr Rex, a litter brother to Kerr Garnett, that sold in Mr. Kerr's fall sale for \$625, the record price for the breed; Kerr Dexter, a son of Kerr Dick, and Kerr Paul. These are the herd boars that Mr. Kerr was using, and all go in the sale and for the high dollar. Another such an opportunity to buy herd boars has never been offered and it is doubtful if another will be found in years to come. Sows of equal prominence are found throughout the offering and it is to be regretted that Mr. Kerr could not have lived to see such sows as Big Mary, the World's Fair champion; Nancy, a first-prize winner; Silver Mine, probably the greatest brood sow of the breed; Una, a St. Louis World's Fair winner; Sally, the 1906 champion sow, and many others go on and produce as he had planned they should. That it was possible for Mr. Kerr to achieve so much was because he had from boyhood been a lover of good hogs. Then when grown to manhood he aspired to do things, not by halves, but in such a manner as to cause all who met him to realize that the top round of the ladder was his goal. In this dispersion sale there will be about 150 head, consisting of fifty-five to sixty bred sows, twenty-five or thirty of which are bred to Kerr Dick. This will be an opportunity unparalleled, as Mr. Kerr had decided never to offer another sow bred to Kerr Dick and had he lived, the only way breeders could have secured the get of Kerr Dick would have been directly from Mr. Kerr. About twenty-five boars aside from the herd boars will go in the sale. These are large enough for service. There will also be a great line of summer and fall pigs. Throughout the entire offering there will be found show material that

should go to the men wanting show stuff. Everything is in nice condition, the sows showing that they are in pig and in the very best of condition to produce good litters. Breeders wanting anything from a herd boar with a national reputation, a brood sow of equal reputation, or younger stock, descending from these great sires and dams will find this the greatest opportunity ever offered. As the sale is an administrator's sale it must necessarily be a cash sale with no favors to friends or foes. Mr. Llewellyn Jones, of Independence, Mo., administrator of the estate, will have charge of the sale. All pedigrees will be delivered on settlement for stock purchased and all communications regarding the sale should be addressed to him. Cois, Jas. W. Sparks and F. J. Zaun will do the selling. Mr. C. J. Hiles, secretary of the O. I. C. Association, will be in attendance and offer all assistance possible to buyers, so if you cannot be present, your bid to him or either of the auctioneers will be treated honorably. See page 34 for advertisement and write Mr. Jones today for a catalog.

## THE OPPORTUNITY OF A LIFETIME TO SECURE GILT-EDGE BROOD SOWS.

On page 39 of this issue of The Homestead will be found the announcement of a very important sale of brood sows bred at LeGrand, Iowa, January 22d. They are the property of Mr. R. G. Tweed, who has won much notoriety at the Iowa State Fair of recent years by capturing many of the most-coveted prizes. Mr. Tweed will sell fifty-six head of hogs on the above date, divided as follows: Seventeen tried Poland China brood sows, all safe in pig; nineteen select Poland China gilts, bred; six Poland China boars, among which are some top notchers; seven Duroc Jersey sows bred and one Duroc Jersey boar; six exceedingly fancy Chester White sows safe in pig to some of the best Chester White boars in the state. The Poland Chinas are in a class by themselves as compared with the average consignment of Poland Chinas for the sale ring. In fact, if this same class of hogs of like breeding and individual merit were consigned to some of the eastern sale circuits, where the business is booming, the average on such a bunch would reach three figures. But in this case Mr. Tweed, while having spent very much money in gathering together and breeding up such a herd, does not anticipate fancy prices. These hogs are of the large roomy sort, yet possessed of plenty of finish and are the low-down, wide-out sort, with great arched backs, splendid ribs and heads and ears that add to the finishing touches, making them well-nigh complete and perfect animals. It has been many a year since the writer, who is himself an old swine breeder, has seen such a choice offering as this pass under the auctioneer's hammer. If we had had more time to properly advertise this sale we doubt not that some record prices for Iowa, at least, might have been made, but as it is it will be the buyer's opportunity to secure stock of the highest possible character at his own price. Not only are the Poland Chinas a select lot and of the most fashionable breeding, such as Chief Perfection 2d, Chief Tecumseh 2d, Wilkes, One Price, etc., but the Chester Whites, while not numerous, are as choice a bunch as can be found in any herd. Mr. Tweed is unquestionably a successful swine breeder, and equally as successful as a fitter. His hogs from the little fall pigs now on hand to the matured sows, without exception, are well grown, thrifty and in the pink of condition throughout. The Durocs also are of the same high class as are the other breeds. The Poland China sows are all bred to three exceedingly good and useful boars, all of the most approved and fashionable breeding. A large per cent of the sows bred are by Iowa Boy, he by Perfection I Know and he by Proud Perfection, out of the celebrated sow, Lady Louise. Iowa Boy's dam is Beauty U. S. 2d, a daughter of Hands Up and Beauty. This boar is a full brother to Lady Lucile, champion sow at St. Louis in 1904 and sold at a fabulous figure. The good boars to which these Poland China sows are bred are as follows: R. G.'s Perfection, Rowdy S. and Perfection E. L. Again. Certain it is that a better lot of brood sows of equal number, bred to boars that are the superior of these three mentioned, would be very difficult to find. It is only by chance that the breeders of the middle West secure an opportunity at such a high class of stock in the hands of a man who has in no way been connected with any boom or fictitious sale. The Chester White sows, as before mentioned, are a very superior lot bred to Young President, Romeo and Groves' Choice. The Duroc Jersey sows are all bred to the one choice herd boar, Senator W. Mr. Tweed extends a cordial invitation to our 100,000 Homestead readers, or at least that portion of them who may be interested in improved hogs, to attend his sale, January 22d, where free entertainment and cordial treatment will be accorded. Fair and honorable dealing and everything as represented will be the word of the day. At the same time and place Mr. Tweed will sell four choice registered Short-horn bulls. Inasmuch as this is a hog sale, it is not an opportune time to sell bulls. Nevertheless, it will be the buyer's opportunity on this account, and as there is only a few of them, Mr. Tweed is willing to make this sacrifice and take his chances. Haste in sending for a catalog will be necessary, inasmuch as there is but a few days until the sale will occur. The Homestead goes on record as saying that the offering is a superior and superb one, and no one will be disappointed in the quality of the offering or the high character of the breeding.

STIFFNESS, STITCHES, LAMENESS, CRAMP,  
TWISTS AND TWITCHES, ALL DECAHP WHEN  
YOU APPLY



THE  
OLD-MONK-CURE

# ST. JACOBS OIL



PRICE  
25 AND 50 CENTS



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## DANGER OF ADVERSE POSSESSION.

A Subscriber, East Peru, Iowa.—A and B own tracts of woodland adjoining each other. A's land lies on two sides of B's land. In order to save fencing A has fenced his land by fencing across B's land without the knowledge or consent of B. (1) Does this in any way invalidate B's title? (2) Should B protest against it?

Answer.—(1) Fencing across B's land does not invalidate B's title at all, but in case A should claim the land and keep it enclosed by a fence and use it for ten years, it might cause B some trouble and expense to defeat A's claim. It would therefore be prudent for B to protest against the fences across his land, and demand the removal of them.

## PARTITION WILLOW FENCE.

Mr. A. B. Butler, Montezuma, Iowa.—The partition fence between my neighbor's farm and mine is mainly a willow fence. (1) Is a fence consisting of wires stapled on the willows a lawful fence, or does it require posts? (2) Can I compel my neighbor to trim the willows on his part of the fence on my side so that I can cultivate, or mow over my ground up to the fence?

Answer.—(1) In a lawful wire fence, the posts must be not more than two rods apart with two stays between, or not more than one rod apart without stays. We suppose that if growing willows furnish posts to which wire may be attached, and so form just as good a fence as though posts were actually set in the ground, it would be deemed a lawful fence, provided it would pass the judgment of the fence viewers. That is after all the test. If one has a fence not made exactly as the law prescribes, he should call the fence viewers to examine it and if they say it is equivalent to the prescribed fence, that settles the matter. (2) You should call the fence viewers and get an order from them as to the trimming back of the willows. The law requires such willows to be trimmed back once every two years to within five feet of the ground. The

fence viewers will make the proper order for your neighbor to trim the willows.

## TRESPASS—ADVERSE POSSESSION.

A Subscriber, West Point, Neb.—(1) A and B own lands in one section. A stream of water runs through B's land. B rented his land to C. Has C a legal right to cross A's land in order to get to the rented land? (2) A and B own adjoining lands. There is a partition fence between these lands which has been claimed by both parties as the line for forty years. A has recently had his land surveyed and finds that the true line is about four rods over on B's land. Can A lawfully claim this strip of land?

Answer.—(1) C has no right to go across or upon A's land without A's consent. (2) A cannot hold the strip of land by law, because the same has been held in open notorious continuous possession under claim of right for forty years. This makes A the owner of the strip by adverse possession.

## ASSAULT AND BATTERY.

A Subscriber, Axtell, Kan.—In the town school here the children sometimes sang the song, "Everybody works but father." One Sunday Mr. Long, who is professor in the school, was walking down the street, when one of his pupils, who was standing in the door yard of his father's house, repeated part of the song in this wise, "Everybody works but Long." On Monday morning the professor whipped the pupil unmercifully for this caper. Had he a right to do so?

Answer.—He had no such right. By doing so he clearly demonstrated his unfitness for the position of a teacher, and besides he is liable to arrest and punishment for assault and battery. The child was not within the legal control or jurisdiction of the professor when he committed the childish prank for which he was punished.

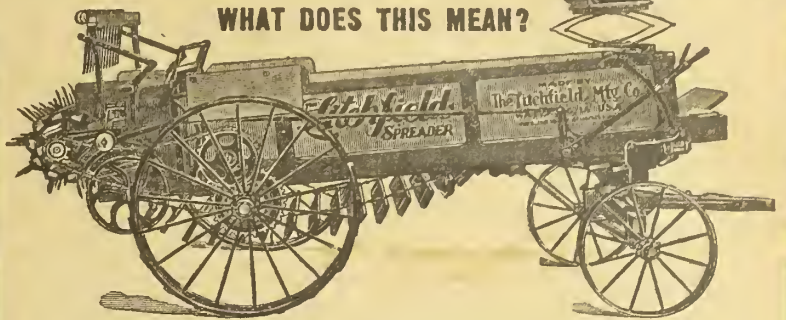
## DRAINAGE DITCH.

A Subscriber, Shellrock, Iowa.—I own land in Minnesota. Parties owning land above mine have dug a big ditch for drainage purposes, four or five miles long, and the outlet is at the line of my land—that is, the lower end of the ditch is there. This results in water overflowing my land, and also the public road. (1) Have the parties any right to do this? (2) Will the county have to drain the road?

Answer.—(1) Parties have no right to so drain their lands as to cause land belonging to other parties to be overflowed by surface water. You have given such a meager statement of facts in your case, that it is difficult to advise you. Most likely you have a good case for damages against the upper owners, and can also restrain them by injunction from turning their drainage waters upon your land. (2) If it is a county road the county will have to keep it in repair, by draining if necessary. The county may also have a good

## HONEST CONSTRUCTION

WHAT DOES THIS MEAN?



"HONEST CONSTRUCTION" in a Manure Spreader, under the policy of the Litchfield Manufacturing Company, will prove to be a revelation to some of our readers when thoroughly understood.

We feel that we must tell our simple story over and over to those who have had experience with many of the other spreaders and the methods used to exploit them. We have an inspiration to say precisely what we mean and to mean only what our machines have repeatedly proven that they will actually do. We want to have it understood that by "honest construction" we do not only mean good lumber, best quality of steel, first-class paint and workmanship to match, but we mean also that no representation shall be made concerning this Modern Manure Spreader which the working results and the staying qualities of the machines, as well as the material and workmanship, shall not in every way substantiate.

By "honest construction" in the machine itself, we mean to produce a spreader that will meet every requirement that any spreader is capable of fulfilling, giving in this machine full and absolute value for every dollar that is paid for it. We mean that the Litchfield Spreader will not only fulfill this on the start, but will continue to do so until the infirmities of age demand a hearing.

The Litchfield Spreader stands today without dispute as the finest and best appearing Spreader made. "Fine feathers do not make the bird." Neither do fine feathers injure the bird. If the Litchfield Spreader is better painted (not dipped painted, but hand brushed one coat at a time), does this not indicate a painstaking effort throughout the machine? Talk is cheap, although not always so. But when the machine backs this talk up with the heaviest axles, the strongest bearings, the best quality of paint and painting, and with steel wheels (twice as strong as are necessary), besides bristling with other evidences, even to the most casual observer, of honest construction, then this talk necessarily begins to cut a figure.

The slender thread of popularity is too easily broken, when once it has been successfully woven, to permit of the slightest deviation from the "straight and narrow path," in producing a machine of this kind, if permanent success is to be relied upon.

"Honest Construction" is, being honest with ourselves as well as honest with our customers, which is the only policy that can withstand the decaying influence of time. Practical value, not value in theory, is what we are giving our trade, and what we mean by "honest construction." If you cannot see us, drop us a line.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

cause of action against the ditch parties.

## VALID WILL—DESCENT IN KANSAS.

A Subscriber, Nowhere.—(1) A and B are husband and wife. A and other children inherited considerable real estate from their father when he died. Suppose A should make a will giving his portion of the land to B, would the will be valid? (2) A man owned land in Kansas. He died without a will, leaving a wife, but no children. What part of the land does the widow get?

Answer.—Contrary to a thousand gentle hints, more or less, given in the columns of this department at various times this correspondent fails to give the name of his town, county or state. The first question can be answered however, because the law on the subject is the same in every state. Such a will would be valid anywhere. The second question can be answered because the land is located in Kansas. The widow gets the whole estate.

## DAMAGE BY CATTLE.

A Subscriber, Harris, Iowa.—A and B own adjoining lands with a partition fence between. This fence was not made according to law, and was never divided. A rents his land to C, and B rents his land to D. C's cattle broke through the partition fence into D's corn field, and the two tenants just let them stay there, expecting A and B to pay the damages. B gets one-third of the corn crop as his rent from D, and now D wants to retain part of B's share of the crop for damages. Who is liable for the damages?

Answer.—The last part of section 2313, page 802 of the Iowa Code, provides that if there is no lawful fence between adjoining lands, and the line thereof has not been divided or assigned either by the fenceviewers or by agreement of the parties, any animal trespassing across such partition line shall not be distrained, nor shall there be any liability therefor. Such tenants as you describe, ought to be fired without delay.

## QUIETING TITLE.

A Subscriber, Tipton, Iowa.—I purchased some real estate and required an abstract of title. This showed the title to be imperfect. An action to quiet title was brought by the man who sold the land, and notice by publication was made and published in the papers. In this published notice was named several deceased parties instead of the unknown heirs of such deceased parties, or unknown claimants, and a decree quieting title was rendered. My attorney says the decree is worthless, while the attorney for the seller says it is valid. What is your opinion?

Answer.—It is difficult to give a reliable opinion on the matter without knowing more about the facts and circumstances. It is quite clear that notice published against deceased persons has no effect whatever. It is also clear that if there be any person who has a claim against the land, or to it, he is

Active and retired farmers, and all persons owning, renting, dealing in real estate or property of any description to send for sample pages of the only work of the kind published in the world.

## "The Encyclopedia of Iowa Law."

"No work like this has ever been published in the English language." From The Homestead.

"Your book is the only one I have seen on which I can place any reliance." The Hon. H. E. Deemer, Judge of Supreme Court.

"I would not take one hundred dollars for it if I could not get another." W. W. Hagin, R. F. D., Union, Ia.

"No fifty volumes, and I might safely say, not even a hundred volumes in my library could be selected that would be to me of so much practical use what the law is in Iowa on a given question, or advising others as to the law." Judge C. B. Bradshaw.

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Sample pages free to those interested, Address, Iowa Law Book Co., Box 342, Marshalltown, Iowa.

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by buying direct from our factory. Every cooker absolutely guaranteed and sent out on 30 days approval test. Special FIRE device that saves 50 per cent in fuel—jacket bound in steel. Kettle warranted flawless, cookers are unequalled in efficiency, durability and low price. Write at once for catalog and special book "What to Cook and How to Cook for Stock."

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not bound by the decree unless he was included in the notice, by some proper designation. Most likely your lawyer's opinion is correct.

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Direct From Factory To You

Backed By \$25,000 Guarantee.

Freight Prepaid

30 Days' Free Trial

Wagon-Box Manure Spreader



Fits Any Truck Saves You 50%

Only Endless Apron Force Feed Spreader Made.

JUST that:

It's been a long time getting here—but I've got it.

The Only Endless Apron Force Feed Manure Spreader in the World.

The Only Wagon-Box Manure Spreader on the market.

Think of the combination!—Just the two things in a manure spreader the farmer has always wanted.

The wise ones said it couldn't be done. I've disappointed them.

First—they said a wagon-box spreader wouldn't work.—My hundreds of well satisfied customers have already stopped that talk.

Then—when it came to an endless apron, force feed machine—they said, "impossible". Did you have free mail delivery, telephone or a cream separator ten years ago? Nothing is impossible! You will say so when you see how simple and how wonderfully effective my great new improvement is.

It is simply turning the spreader business right end to and giving the farmer a chance.

Every farmer can afford a Galloway Wagon-Box Spreader. I want every farmer in the United States to own one.

That's why I sell it direct to you, saving you every cent. (Tell your neighbors.)

Right at the start I am selling this machine for \$59.50, freight prepaid. At retail it would cost you \$75.00. I also save you tying up \$50.00 to \$70.00 in a spreader truck useless eleven months in the year.

My guarantee is the broadest possible—I back it up to show you that I mean business by a \$25,000 legal bond.

Then to absolutely convince you I say, "try one of my spreaders for 30 days on my free

plan." Let me send you one to take out in the field to use, or abuse if you want to, for 30 days. If it's not worth more than my price—take it to the depot—ship it back—and I'll return your money.

Why not get everything that's coming to you out of your land? That manure heap outside of your barn will buy my spreader twice over for you.

Every farmer has been saying,—"I must own a spreader."

Forty-nine out of fifty say the old style horse-killing machine is too high in price. Isn't that a fact?

Now, I claim the Galloway is right in every particular.

Made in three sizes—capacity 50 to 60 bushels. Fits any truck, narrow or wide tread. Lightest draft and simplest machine made and the work it does under all conditions is perfect.

Why not let me send you a machine—and let you be convinced by the machine itself, without sending me a cent? I'll do it today if you will write me.

I have just this further clincher to offer you. For a limited time I will make a proposition to the first farmer owning a Galloway Spreader in every community whereby he can

partly or entirely pay for his machine without a bit of work done. It's a strictly business proposition and will positively hold good only for the first few farmers buying. Either send in your check pinned to this ad, telling me the style of truck you use, or write me at once, postal or letter, so I can send you by return mail my free booklet. Address me personally.

WILLIAM GALLOWAY, President, WILLIAM GALLOWAY COMPANY, 109 Jefferson St., Waterloo, Iowa.

Ask me also for my large Farm Implement Catalog.

"THE ONLY WAY IS THE GALLOWAY—FROM FACTORY TO FARM."



William Galloway, Builder of the Only Endless Apron Force Feed Manure Spreader in the World.



## IOWA CORN CONVENTION.

Under the auspices of the Iowa Corn Growers' Association there is annually held, in connection with the two weeks' short course given at the Iowa Agricultural College, a corn show. These events have in the past resulted in bringing together a large number of good samples of corn, but all events of the past have simply been preliminary to the one held during the first two weeks of the new year.

When 700 busy men are willing to spend two weeks of their time in close application to the study of corn and live stock, it must be clear to all that the end in view must be an important one, and so it is, because in this case the object is the improvement in the quality of the grain and live stock of the state.

The college has never been so well equipped in the past to care for its short course students as was the case this year, and to every citizen of the state of Iowa it must be a source of satisfaction that as these short courses grow in popularity the work in itself becomes more effective. Thousands of samples of corn of every variety were on hand this year, furnishing material to develop the skill of the eager students in attendance.

The contest for premiums between the corn growers of the state was simply incidental, and yet it was a most important occasion, after all, of this fortnight's experience. A record was certainly made in more ways than one, but the outstanding event of the two weeks was the sale of the winning individual ear of corn. This was raised by D. L. Pascal & Sisters, of DeWitt, Iowa, and was pronounced by Professors Holden and Shammel to be the best ear of corn ever exhibited in a corn contest in the central West. These men, be it remembered, have taken part in the principal corn carnivals and shows that have been held in the corn-belt since the inauguration of these events, and this in itself would make the occasion a notable one. All experts who examined this ear claimed that high-water mark had been reached, in so far as the production of one ear of corn is concerned, and that future work of the members of the Corn Growers' Association must be to come up to this standard with a whole exhibit and then after that to bring the whole crop as near to it as possible. The record made by this ear of corn in selling for \$150 will not be forgotten soon, especially so when viewed in the light of the fact that the man who grew it had to pay this price in order to get possession of it after the contest; that is, he had to pay it in the auction ring when the ear was sold.

So important do we regard this work of improving seed corn that we deem it advisable to append herewith the names and postoffice addresses of all prize-winners at the 1907 contest. The men who have engaged in this work of improving corn and in bringing it up to a standard high enough to win at an event of this kind deserve to have their names placed high among those who are working in the interest of advanced agriculture, and we only hope that each man whose name is given in the list below is in a position to furnish his neighbors with enough seed to give them a start along right lines:

## NORTHERN SECTION—CLASS A.

District No. 1—First, Geo. M. Allee, Newell, Iowa; second, Victor Filler, Washta, Iowa; third, J. W. Earl, Pocahontas, Iowa; fourth, H. L. Filler, Washta, Iowa.

District No. 2—First, Anton Nelson, Goldfield, Iowa; second, D. McArthur, Mason

City, Iowa; third, Mille S. Nelson, Goldfield, Iowa; fourth, Magnus Hanson, Eagle Grove, Iowa.

District No. 3—First, Alonzo Harvey, Ossian, Iowa; second, H. A. McCaffree, Janesville, Iowa; third, Geo. C. Pashby, Cedar Falls, Iowa; fourth, E. O. Wagner, West Union, Iowa.

## CENTRAL SECTION.

District No. 4—First, John Saudberg, Whiting, Iowa; second, Paul C. Taff, Pandora, Iowa; third, John Parkinson, Bagley, Iowa; fourth, Grant Chapman, Bagley, Iowa.

District No. 5—First, Edison Bennett, Ames, Iowa; second, O. Osborn, Maxwell, Iowa; third, S. O. Lee, Cambridge, Iowa; fourth, A. L. Plummer, Altoona, Iowa.

District No. 6—First, W. A. Radeke, Luzerne, Iowa; second, Fred McCulloch, Hartwick, Iowa; third, Neal Bros., Mt. Vernon, Iowa; fourth, D. L. Pascal, DeWitt, Iowa.

## SOUTHERN SECTION.

District No. 7—First, Ray Pierson, Silver City, Iowa; second, H. Hilton, Malvern,



The Prize Winning Ear.

We present herewith an illustration of the remarkable ear shown at the convention held at the Iowa Agricultural College recently by D. L. Pascal and Sisters, of DeWitt, Iowa. This ear was pronounced by Professors Shammel and Holden to be the best that has ever been placed on exhibition in the corn belt. It is ten and a quarter inches long, seven and seven-eighths inches in circumference at a point three inches from the butt, and six and seven-eighths inches at a point two inches from the tip. It weighs nineteen ounces and carries twenty rows of kernels. It was raised on land that was in corn the fifth year and averaged sixty-five bushels per acre. It is of the Reid's Yellow Dent Variety and has been grown on the same farm for a number of years. Another ear shown by the Pascal firm, taken from the same field, was a remarkably close second to the champion, thus indicating that there might not after all be so much guess work about the fixing of characteristics in corn as men have been inclined to think in the past. The sale of this ear for the neat sum of \$150 makes it a record breaker in more ways than one. It was purchased by Mr. Pascal and will be used no doubt as foundation material for another crop.

Iowa; third, Harry Morley, Gravit, Iowa; fourth, G. H. White, Emerson, Iowa.

District No. 8—First, Homer Dye, Oskaloosa, Iowa; second, C. C. Roe, Oskaloosa, Iowa; third, E. E. Morgan, Carlisle, Iowa; fourth, F. S. Bone, Grand River, Iowa.

District No. 9—First, Chas. Reubson, Ainsworth, Iowa; second, J. C. France, Salem, Iowa; third, Arthur Williams, Ottumwa, Iowa; fourth, Arthur Reubson, Ainsworth, Iowa.

## SWEEPSTAKES FOR CLASS A.

Northern Section—First, Alonzo Harvey, Ossian, Iowa; second, Geo. M. Allee, Newell, Iowa; third, H. A. McCaffree, Janesville, Iowa.

Central Section—First, Edison Bennett,

## The Famous Angle Lamp

WHEN we tell you that The Angle Lamp will light your home better, cheaper and more satisfactory than gas, electricity, gasoline, acetylene or any other light, we mean better, cheaper and more satisfactory and are ready to back these statements with proof. For our lamp is constructed on a new principle of oil lighting (patented by us) which completely does away with the smoke, odor and bother of the ordinary lamp and yet makes "The Angle" so much cheaper to burn than even the ordinary lamp that it PAYS FOR ITSELF.

## Better Than Gasoline.

Because all gasoline lights use mantles. And all mantle lights are intense, glaring, penetrating. That is why one conscientious American manufacturer tries to give his mantle at least a little of the soft yellow tone which makes the kerosene light. And absolutely refuses to make a "pure-white" mantle. For he knows what all students of lighting methods know—that the "pure-white" mantle creates a blindness. And yet some people, because the very penetrating qualities enable them to read at a long distance as from the fixtures, still use such eye-destroying lights.

Then, too, gasoline is one of the most dangerous illuminants; while the constant breaking of the delicate mantles makes it expensive far beyond the cost of the fuel.

The Angle Lamp, on the other hand, while giving a light of the finest quality known to science, is absolutely safe, requires little attention and never gets out of order. Mr. E. C. Parmelee, Highlands, N. J., sums it up briefly in a recent letter, "My Angle Lamps," he says, "have saved 20 times their cost in oil, burners, chimneys and cuss words."

## Better Than Acetylene.

"The Acetylene Light" says Dr. David T. Day, Chief of the mining and mineral resources division of the U. S. Geological Survey, "is even more glaring indoors than the arc light outdoors." Dr. Day places Acetylene as the worst of all artificial lights for home use—more penetrating and more harmful than the mantle lights.

But Acetylene has a worse feature, even than this—the danger. It is one of the most explosive and probably the most penetrating gases known to science, so penetrating is it that it sifts through even the water with which all acetylene generator manufacturers presume to

seal the gas-storage tanks. And don't think a large quantity need sift through to cause trouble. For any mixture of acetylene and air from one part of gas to three of air, up to one part gas to 40 parts of air may explode!

How strong the contrast between this dangerous system of which you never can be sure and the safe, clean Angle Lamp, which, because of its double fount construction and "angle" flame, absolutely cannot explode. And how strong the contrast between the intense, eye-straining acetylene light and the soft, warm, restful Angle Lamp!

## Better Than Ordinary Lamps.

"The oil lamp," says Dr. Day, in another part of the article above referred to, "yellow, steady, fairly soft, is still the supreme reading light in general use." This splendid kerosene quality of light forms the only ground for comparisons between our lamp and the old fashioned kind. Because The Angle Lamp is an entirely new principle of oil lighting which, while generating a far better and more brilliant light than the old style lamp, has completely done away with all the smoke, odor and bother of the old style lamp.

The Angle Lamp is lighted and extinguished as easily as gas. It requires filling only once or twice a week, which may be done with abso-

lute safety while the lamp is lighted. It never smokes or gives the slightest odor whether the light is turned at full height or turned low like gas. It is absolutely safe.

And yet the very features which make The Angle Lamp the most convenient light ever invented by giving perfect combustion of oil, make it also the cheapest. For one quart of oil burns 16 hours. Figure what that means in economy!

Now if you have read this advertisement closely you understand why we offer to prove what a completely satisfactory light The Angle Lamp is by sending any lamp listed in our catalog "33", on

## 30 DAYS' TRIAL.

And you will understand why such people as ex-Pres. Cleveland, the Rockefellers, Carnegies, etc., who care nothing about the economical features of the Angle Lamp have chosen THIS oil-burning lamp for lighting their homes and estates in preference to gas, electricity, acetylene or any other system. The Angle Lamp will please you as it does thousands of others. Write for our catalog 33, listing 32 varieties from \$1.80 up, and giving you information about all lighting methods that would cost you hundreds of dollars to collect.

THE ANGLE MFG. COMPANY, 78-80 MURRAY STREET, NEW YORK.

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Southern Section—First, Homer Dye, Oskaloosa, Iowa; second, C. C. Roe, Oskaloosa, Iowa; third, Chas. Reubson, Ainsworth, Iowa.

GRAND CHAMPION SWEEPSTAKES—CLASS A.

First, Edison Bennett, Ames, Iowa; second, Homer Dye, Oskaloosa, Iowa.

## NORTHERN SECTION—CLASS B.

District No. 1—First, W. W. Bonner, Rolfe, Iowa; second, Victor Felter, Washta, Iowa; third, J. W. Earl, Pocahontas, Iowa; fourth, H. L. Felter, Washta, Iowa.

District No. 2—First, Miller S. Nelson, Goldfield, Iowa; second, Anton S. Nelson, Goldfield, Iowa; third, France Warner, Goldfield, Iowa; fourth, D. McArthur, Mason City, Iowa.

District No. 3—First, Geo. C. Pashby, Cedar Falls, Iowa; second, C. E. Buckman, Castalia, Iowa; third, Henry George, West Union, Iowa; fourth, H. R. Plantz, Cedar Falls, Iowa.

## CENTRAL SECTION.

District No. 4—First, Harry Dooley, Casey, Iowa; second, John Finnegan, Montebello, Iowa; third, Grant Chapman, Bagley, Iowa; fourth, J. F. Powers, Persla, Iowa.

District No. 5—First, H. L. M. Bruner, Toledo, Iowa; second, S. C. Hughes, Newton, Iowa; third, O. Osborn, Maxwell, Iowa; fourth, G. F. Howard, New Providence, Iowa.

District No. 6—First, D. L. Pascal, DeWitt, Iowa; second, L. C. Hutcheson, West Branch, Iowa; third, Frank Wickham, Mt. Vernon, Iowa; fourth, R. G. Lyons, Center Junction, Iowa.

## SOUTHERN SECTION.

District No. 7—First, H. Hilton, Malvern, Iowa; second, J. E. Turner, Adair, Iowa; third, E. D. Roberts, Red Oak, Iowa; fourth, Lennus Hagglund, Essex, Iowa.

District No. 8—First, Homer Dye, Oskaloosa, Iowa; second, Floyd Branson, Oskaloosa, Iowa; third, F. S. Bone, Grand River, Iowa; fourth, J. W. Riles, Grand River, Iowa.

District No. 9—First, Chas. Reubson, Ainsworth, Iowa; second, W. A. Hook, Packwood, Iowa; third, Floyd Maxwell, Crawfordville, Iowa; fourth, J. C. France, Salem, Iowa.

## SWEEPSTAKES FOR CLASS B.

Northern Section—First, Miller S. Nelson, Goldfield, Iowa; second, Geo. C. Pashby, Cedar Falls, Iowa; third, C. E. Buckman, Castalia, Iowa.

Central Section—First, D. L. Pascal, DeWitt, Iowa; second, H. L. M. Bruner, Toledo, Iowa; third, S. C. Hughes, Newton, Iowa.

Southern Section—First, H. Hilton, Malvern, Iowa; second, Homer Dye, Oskaloosa, Iowa; third, Chas. Reubson, Ainsworth, Iowa.

GRAND CHAMPION SWEEPSTAKES.

First, D. L. Pascal, DeWitt, Iowa; second, H. Hilton, Malvern, Iowa.

## CLASS E—AMATEUR.

Northern Section—First, F. C. Banks,

ville, Iowa; third, B. C. Dave, Shell Rock, Iowa; fourth, J. H. Menzell, Hazelton, Iowa; fifth, H. A. Bates, Algona, Iowa.

Central Section—First, F. C. Woodrow, Newton, Iowa; second, D. A. Marks, Ankeny, Iowa; third, S. C. Hughes, Newton, Iowa; fourth, Aug. Ruprecht, Massoline, Iowa; fifth, John Parkerson, Bagley, Iowa.

Southern Section—First, Lennus Hagglund, Essex, Iowa; second, F. Hilton, Malvern, Iowa; third, E. D. Roberts, Red Oak, Iowa; fourth, Henry Alexander, Silver City, Iowa; fifth, Guy Parker, Malvern, Iowa.

## SWEEPSTAKES FOR CLASS E.

Northern Section—First, F. C. Banks, Burt, Iowa; second, B. T. George, Janesville, Iowa; third, B. C. Dave, Shell Rock, Iowa; fourth, J. H. Menzell, Hazelton, Iowa.

Central Section—First, F. C. Woodrow, Newton, Iowa; second, D. A. Marks, Ankeny, Iowa; third, S. C. Hughes, Newton, Iowa; fourth, Aug. Ruprecht, Massoline, Iowa.

Southern Section—First, Lennus Hagglund, Essex, Iowa; second, F. Hilton, Malvern, Iowa; third, E. D. Roberts, Red Oak, Iowa; fourth, Harry Alexander, Silver City, Iowa.

## GRAND CHAMPION SWEEPSTAKES.

First, Lennus Hagglund, Essex, Iowa; second, F. C. Woodrow, Newton, Iowa; third, F. Hilton, Malvern, Iowa.

## MAMMOTH CLASS F.

First, Claud Wilson, Silver City; second, John Sunberg, Whiting.

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Tower Special—First, Ray F. Bennett, Ames, Iowa; second, H. A. McCaffree, Janesville, Iowa.

American Fence Special—First, Neal Bros., Mt. Vernon, Iowa; second, Claud Wilson, Silver City, Iowa.

Marshall's Special—First, O. Osborn, Maxwell, Iowa; second, Neal Bros., Mt. Vernon, Iowa.

Alexander, Ward & Conover Special—First, Rawlings Bros., Castana, Iowa; second, Neal Bros., Mt. Vernon, Iowa; third, Edison Bennett, Ames, Iowa; fourth, F. H. Kloppe, Weston, Iowa; fifth, H. Hilton, Malvern, Iowa.

Hays Special—First, C. W. Campbell, Gravit, Iowa; second, A. J. Doore, Greene, Iowa.

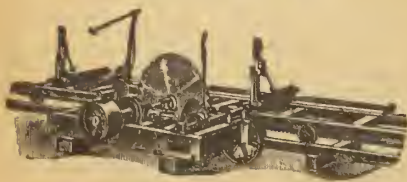
Clay, Robinson & Co. Special—First, H. Hilton, Malvern, Iowa; second, Asa Turner, Farrar, Iowa; third, Ray Pierson, Silver City, Iowa; fourth, J. M. Maxwell, Crawfordville, Iowa; fifth, Lennus Hagglund, Essex, Iowa.

W. E. Johnson Special—First, F. S. Bone, Grand River, Iowa; second, W. P. Coon, Ames, Iowa.

Lockwood Special—First, D. A. Marks, Ankeny, Iowa; second, Geo. Bennett, Ames, Iowa; third, W. A. Hartman, Ankeny, Iowa; fourth, Edison Bennett, Ames, Iowa; fifth, F. C. Hart, Ankeny, Iowa; sixth, Nelson Gromley, Ankeny, Iowa.

PILES CURED IN 6 TO 14 DAYS. PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 60c.

## American Saw Mill Machinery.



Traction and Stationary Engines, Air Cooled Gasoline Engines, Separators, Shellers, Shreders, Hay Balers

We Repair Machinery of all Kinds.

CEDAR RAPIDS MACHINERY & SUPPLY CO., 307-9-11 3D AVE., CEDAR RAPIDS, IOWA.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

**ROCKY CREST FARM** is offering choice Barred Rocks, both cockerel and pullet bred lines, with score cards by Judge McClave. Prices reasonable. These birds line bred for years. At Rochelle, Ill., in strong competition, won four firsts and tied for fifth first. Eggs for sale in season. Write for prices. Member American Plymouth Rock Club. Will D. Quick, Ashton, Ill.

**EVERGREEN Linn Farm, M. Hummel, prop.** Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 22 years, has for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

**BARRED Plymouth Rocks** for sale. 300 cockerels, hens and pullets at a bargain. Large-boned, vigorous, farm raised, scored birds that win. I have developed heavy egg producing strains. Mrs. A. A. Berry, Box 128, Clarinda, Iowa.

**RILEY'S Pure Barred Rocks, Hawkins-Thompson strain.** Get eggs of us if you want good value. There's a reason. Ask why and get prices. Any number. Orders now or later. Mrs. J. Willis Rilea, Box 54, Grand River, Iowa.

**BARRED Plymouth Rocks, Hawkins-Thompson, Felch and Todd strains, cockerels, \$1.50 to \$2.00 each. Hens and pullets, \$1.00 a dozen, if taken soon, as we intend to leave.** Lou Blatner & Co., Prairie City, Iowa.

**50 WHITE PLYMOUTH cockerels** from Canada's pedigree laying strain, large, strong, true Rock shape, snow white. Must be sold at once; choice cockerels, \$1.50, bargains. C. A. Steele, Ogden, Iowa.

**WHITE ROCKS—Exclusively.** Fishel strain, Range bred, healthy and vigorous. Scored, \$2.00 up. Unscored without disqualifications, \$1.50. G. H. Blake, Route 2, Oelwein, Iowa.

**WHITE ROCKS, pure bred.** Pullets, \$1.00, cockerels, \$2.00 during January. Buff Rocks, July hatch, cheap to close. All are good; culls all sold. A. H. Prater, Council Grove, Kansas.

**WHITE Plymouth Rock pullets and cockerels and Silver Comb Buff Leghorn cockerels, prize winners.** Free circular. D. W. Harberts, Marion, South Dakota.

**FOR SALE—Barred Plymouth Rock cockerels, Mammoth Bronze turkeys, raised from high scoring stock.** Eggs in season. Mrs. Eugene Scott, Lathrop, Mo.

**MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks.** 100 choice cockerels for sale. Eggs in season.

**BARRED ROCKS—Pullets, cockerels, scored 88% to 93%.** Large, vigorous. Write your wants. Prices low. Circular free. J. Eddie Anderson, Alta, Iowa.

**75 BARRED Plymouth Rock cockerels for sale.** Nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

## LANGSHANS.

**100 BLACK Langshan cockerels** from pens scoring 93 to 95; four firsts, grand average stake, Creston Fair. Philip Stalcup, Lodi, Iowa.

## RHODE ISLAND REDS.

**CHOICE Rhode Island Red cockerels.** Fine color, large bone. Mrs. G. E. Ostheimer, Eldora, Iowa. On Iowa Central and C. & N. W.

## COCHINS.

**PAIRTRIDGE COCHINS exclusively.** Both sexes for sale. None better. Mrs. C. E. Wonderly, Benedict, Neb.

## WANTED.

**WANTED—A thoroughly practical farmer** capable of taking charge of 500 acre stock and grain farm. Must thoroughly understand hog raising and cattle feeding. Address with references, Box 302, Marshalltown, Iowa.

**WANTED—All cream producers to know that the Des Moines Creamery Company pays at all times top prices for cream.** Write for proposition, Des Moines Creamery Co., Des Moines, Iowa.

## SCHOOLS.

**LEARN plumbing, plastering, bricklaying by actual practice.** Taught thoroughly in three months at school. These trades pay \$4.50 to \$8.00 per day. Positions secured. Write for free catalog. Coyne Trade School, 843 N. Ashland, Chicago.

## The Week In Kansas.

To the Editor of The Homestead:

This has been the first whole week of the new year, and the first week of winter. However, it has been Kansas winter, therefore it would not be called winter in that section a few hundred miles north, where the winters are said to be such that "you don't feel the cold." It has tried hard to snow all week, and up to this moment it has not succeeded, except to barely whiten the ground. Last evening and the evening before that it looked as if it could not avoid giving us a few inches of that which the daily papers imagine "saves the wheat crop," but now the wind has got out of the northeast, and into the southwest, with more signs of clearing than we have had for a week. Perhaps this, though, only means that it is getting ready to storm. The weather is more or less of a game, played by the same tactics as are politics—just as

## WYANDOTTES.

**30 WHITE WYANDOTTE cockerels.** They are beauties. Write me about them. S. W. Harr, Riverside, Iowa.

## LEGHORNS.

**ROSE Comb Brown Leghorns exclusively.** The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Davenport, Belmont, Iowa.

**FOR SALE—Ten dozen Rose Comb Brown Leghorn Pullets, laying now.** One dollar each or ten dollars per dozen. C. E. Lister, Iowa City, Ia.

## MISCELLANEOUS POULTRY.

**MAMMOTH Bronze turkeys, sired by 46 lb. tom, scored 96%; Toulouse geese, Pekin ducks, Single Comb Buff Orpingtons, Single Comb, Brown, White and Buff Rose Comb, Brown and White Leghorns.** Wm. Gulda, Osgood, Iowa.

**PURE BRED poultry and eggs of all kinds for sale.** Barred and Buff Rocks, Pekin ducks and Bronze turkeys a specialty. Enclose stamp for catalog explaining our method of business. J. F. Foy, Redfield, Iowa.

**MAMMOTH White Holland turkeys, Imperial Pekin ducks and Barred Plymouth Rocks** from prize-winners of extra heavy weight and high scoring. Fred Post, Moulton, Iowa.

**FOR SALE—Barred Plymouth Rocks, Rose Comb White Leghorns, Rose Comb Rhode Island Reds, cockerels and pullets.** Write for prices. H. Pain, Emmetsburg, Iowa.

**MAMMOTH Bronze turkeys; fifty from stock scoring 96 to 97.** Barred Plymouth Rock cockerels all sold. Eggs in season. J. C. Watts, Berwick, Ia.

**BUFF Plymouth Rock cockerels, large size, good color, \$1.50 each; Mammoth Pekin ducks, \$1.00 each.** Mrs. J. W. Martin, Mason City, Ill.

**FINE Partridge Cochins, Golden Wyandottes for sale.** Pullets, \$1.00 up; cockerels, \$1.50 up. E. L. Elliott, Oelwein, Iowa.

**WHITE Holland turkeys, White Wyandottes for sale.** Write for prices. W. A. Marsh, Jr., Aledo, Ill.

## DOGS.

**FOR SALE—Fine registered Scotch Collie female puppies at \$5.00 each.** Guaranteed natural heelers. A. H. Gerot, Riverside, Iowa.

**FERRITS and Scotch Collie dogs for sale.** H. B. Simpson, Albany, Ill.

## CATTLE.

**RED POLLED Cattle.** Champion beef and milk producers, choice animals, either sex, priced right. Write for booklet and particulars. O. P. Russ, Ravenwood, Mo.

## HORSES.

**THREE home-grown, pure bred Percheron stallions for sale; two 3 and one 2 year old, blacks, 1,500 to 1,800; heavy boned, extra quality.** Priced right. Grant McCoy, Indianapolis, Iowa.

**FOR SALE—One 8-year-old imported Percheron stallion, one 2-year-old and one yearling, home bred, all black, good ones.** R. D. Humphrey, Lacey, Ia.

**PERCHERON Stallion for sale.** Home bred, an extra good one, six years old, weighs 1,800 pounds. Address, Grant Spangler, Burnside, Iowa.

## HOGS.

**FOR SALE: Poland China Glts out of splendid aged sows.** Good bone, good quarters, nice head and ears, good color. Safe in pig by "Sunlight," one of the best young hogs in the country. H. M. Crumbly, Ulysses, Neb.

**30 POLAND CHINA and 20 Duroc Jersey bred glts for sale.** Weight 250 to 275 lbs. Every one guaranteed. Joseph Bouska, R. 2, Calmar, Iowa.

**J. H. BARNETT estate will sell seven young Percheron stallions at a sacrifice for the next two months.** J. H. Dyke, Administrator, Indianapolis, Ia.

## AGENTS WANTED.

**FARMER Agents Wanted.** Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

## MISCELLANEOUS.

**THOUGHTFUL women use Balm of Five Remedies and cure themselves of all female diseases, in the privacy of their own home.** Free booklet. Address, Mrs. John R. Hill, Corresponding Secretary, Des Moines, Ia. Lady managers wanted.

**BUCKWHEAT FLOUR of choice, sweet new crop Minnesota buckwheat, purity and quality guaranteed, in the mill direct to you, try it.** 50-lb. sack, \$1.50; 100 lbs. in new grain bag, \$3.00. J. H. Meyer, Hamsey Mills, Austin, Minn.

**MEN with teams wanted to sell Seminole Indian Remedies and house supplies to farmers.** Light work and profitable. For particulars address Seminole Indian Medicine Company, Boone, Iowa.

**"IOWA, BEAUTIFUL LAND" and "Old Flag,"** two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

**A SCHOLARSHIP in a Kansas City Business College for sale cheap.** Address at once, Thomas, Box 67, Des Moines, Iowa.

**GET MORE MONEY for your eggs.** Preserve them for two years. Send 10c. for receipt to Box 7, Udell, Iowa.

## PATENT ATTORNEYS.

**A SNAP FOR INVENTORS—All your money back if patent is not allowed.** Address Silas C. Sweet, Patent Lawyer, Box 1111, Des Moines, Ia.

**ROE & ROE, Des Moines, Iowa.** Branch in Washington. Send description of invention for free opinion.

## REAL ESTATE.

**HIGHLY IMPROVED 205 acre Jasper county farm, five miles west, one mile south of Prairie City, fenced into six fields, sixty acres farmed in corn this season, twenty acres small grain, the balance tame meadow and pasture.** One-half lies almost level, the remainder gently rolling. The soil is of deep black loam, with good clay sub-soil. The best of crops can be raised on any portion. New twelve room modern house with bath and toilet, lighted with acetylene gas; good furnace; full basement, divided into four separate rooms; hot and cold water system throughout the house; 200 barrel cistern; well of good living water in yard. House conveniently arranged with five bedrooms upstairs, each having a large closet. Hay barn 60x64, holding sixty tons of hay; granary for 1,200 bushels of grain; cattle shed for seventy-five head of cattle; horse barn for twelve horses, with granary for 400 bushels of oats and eight tons of hay; crib for 200 bushels of corn. Windmill and tank. Farm 3/4 mile from schoolhouse, four miles from church. Interurban already surveyed past farm, going from Des Moines to points east. Price \$90 per acre. Listed from owner. S. K. Noland, Watrous Block, Des Moines.

**880 ACRES three miles north of Woodruff, Kansas, now on Burlington, will this fall be on the main line Rock Island.** One-half smooth, level land; one-half rolling pasture land; several never-failing springs of water; all fenced with three wires. This farm is within four miles of nine churches. Good seven room modern house, stables, corn cribs, granaries, windmills and well that cannot pump dry. Price \$20,000. Will carry \$10,000 at 6% or sell east \$40,000 with all improvements for \$12,000 and carry \$6,000 at 6%. Possession given March 1. Listed from owner. S. K. Noland, Watrous Blk., Des Moines.

**3,080 ACRES Nebraska ranch, fenced and cross-fenced, running spring on every quarter section except one.** Good timber along creeks. 70 acres farmed this season, corn yielding 45 bushels per acre; bank house of five rooms, barn for 12 horses, with sheds and yards, nearly new, also dwelling house 48x60, strictly modern in every way, including an acetylene gas plant. Improvements cost \$17,000, all new. Located nine miles northeast of Stuart, Neb., on the main line Northwestern. Immediate sale, \$12 per acre. Listed from owner. S. K. Noland, Watrous Block, Des Moines, Iowa.

**430 ACRES Alfalfa and Corn Farm in one body, consisting of two farms, 240 acres each, on main traveled road, 2 1/2 miles west of Woodruff, Kan., on Nebraska state line; one-half mile from school house. Price \$25,000. Listed from owner. Will sell in two parts. S. K. Noland, Watrous Block, Des Moines, Iowa.**

**EASTERN Colorado farm land, \$6.00 to \$8.00 per acre.** No irrigation required. Large crops of corn and small grains. Name this paper. F. C. Lougee, Council Bluffs, Iowa.

**TEXAS FARM for sale.** Section of valley land near Vernon; produce anything; sandy loam. Write to buyer for details. Joseph W. Land, owner, Vernon, Texas.

**A SNAP in 200 acre, well improved, Buena Vista county farm, German settlement; \$60 per acre, good terms.** James M. Hoskins, Sioux Rapids, Ia.

**FOR SALE.** A fine lot of farm bargains in east Kansas. A size lot; write for free list and map. Her & Mansfield, Garnett, Kansas.

## REAL ESTATE.

**\$21 PER ACRE buys best bargain in Central Missouri, being a 1,200-acre farm, located midway between St. Louis and Kansas City; five miles from Meta, a town on Rock Island Railroad; 500 acres in cultivation; farm is well watered; this is a great stock farm proposition; possession given; city people own farm and want to sell at once.** A. S. Loomis, 909 1/2 Chestnut Street, St. Louis.

**CHEAP IOWA LAND—360 acres Monroe county.** Somewhat broken, partly timbered and some brush. All fenced; 30 acres woven wire; fair improvements; well watered by creeks and springs; three miles from station. Mineral, if any, reserved. Price \$27.50 per acre easy terms. Splendid opportunity for sheep or cattle man. Address Wright, 313 Citizens Bank Building, Des Moines, Iowa.

**280 ACRES, 12 miles west of Beloit, Wis., improved, cheap buildings, mostly grass land, \$25 per acre.** 240 acres, Worth county, Mo., 12 miles south Mt. Airy, Iowa; \$5,000 worth buildings, \$38 per acre. 80 acres, Harrison county, Iowa; no buildings, medium soil, \$30 per acre; one-fourth down, balance 5 1/2%. No trades considered. L. M. Mann, owner, Des Moines, Iowa.

**ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal.** It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

**220 ACRES rolling hazel brush and bar oak timber land, ten miles west of Winterset, Ia., fenced, fair improvements and some cleared.** Deep, black soil, good location on R. F. D., \$40 an acre. Thousand cash or good property, balance ten years, low interest; might divide. T. D. Peterman, owner, Winterset, Iowa.

**320 ACRE FARM in Sherman County, Kansas** 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

**KANSAS FARM BARGAIN.—320 acres choice land, good house, barn, granary, cistna, good wells, windmill, orchard; 180 acres in cultivation, 20 acres alfalfa, balance pasture; all fenced, 135 acres growing wheat goes with sale. I have other good bargains. Call on or address, J. K. Bremyer, McPherson, Kan.**

**A BARGAIN.—85 acres, level, deep cherty soil, no waste.** In settled community, best dairy country on earth. One mile from creamery, postoffice and store. Only thirty miles to St. Paul and Minneapolis markets. Partly improved. \$1,700. Terms to suit. L. C. Perkins, Balsam Lake, Wis.

**FOR SALE—160 acres, two miles from Clara City, Minn., well improved, good bearing orchard and small fruit, German neighborhood; price \$50.** \$4,500 mortgage; will trade equity for small farm clear. Address, Geo. Caruth, Rural Route 1, Clara City, Minn.

**FOR SALE—Improved and unimproved farms in South Dakota, improved farm in Northern Missouri. I sell on small commission, none sell cheaper. For square deal, write W. L. Cochran, Box 309, Aberdeen, S. Dak.**

**240 ACRES top wheat, corn, alfalfa land for sale; 3 1/2 miles from college town of Nickerson, direct to purchaser, less real estate dealer's commission. For description, price, Eliza A. Stroup, Nickerson, Kan.**

**SOUTHWEST MINNESOTA—Black loam prairie corn lands, safe, sure, profitable; \$26 per acre up.** Three farms for share rent. Particulars and map free. E. H. Crandall, Montevideo, Minn.

**560 ACRE ranch, well improved, in Coffey county.** No better in eastern Kansas. At a bargain if taken soon. For descriptions and maps write, Lane & Kent, Burlington, Kansas.

**A BIG SNAP—320 acres, Kay county, Oklahoma; all smooth land, 200 acres broken, balance grass land. Price less than \$35 per acre.** Write Chas. E. Voge, Newkirk, Oklahoma.

**WE WILL sell you a home in the city, or a farm in Weyler or adjoining counties, at exactly the list price furnished by owner.** Frauks, Page & Harris, Winfield, Kansas.

**FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargains.** Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

**KANSAS, Oklahoma and Texas lands.** We are located in the finest wheat, corn and alfalfa country in the world. Write us. Southwest Land Co., Newton, Kansas.

**IF YOU WANT a dairy, fruit or poultry farm in the Willamette valley, Oregon, do not wait.** Write, F. B. Phillips, Cottage Grove, Oregon.

you think it is sure to do one thing, it turns and does just the opposite.

As far as farm news is concerned, it is the same old story, a continuation of the events of last week and the week before that. Some are hauling off corn, a few have been trying to thrash their shocked corn and kafir, others, when the ground was not too wet or frozen, have been trying to plow. The average Kansas farmer is a man who is usually busy, and the man who thinks he strikes an "easy lot" when he strikes Kansas, is on the way toward being mistaken. Between here and farther north, where we have lived, the farmers here do more work, and more hard work. We have here all the energy of the North, with a long season to exercise it in. The Kansas farmer is busy the year round.

Top hogs are crowding the six-cent mark at all our local markets, with well-finished steers selling not far from that figure at Kansas City, less than 100 miles away. The man who has good stock and knows how to feed them, cer-

tainly has no kick coming, under these circumstances and with these prices. The great bulk of the corn is being marketed in live stock, a greater per cent than ever before.

If the sun would only shine, as is its usual way in Kansas, we would have no kick coming. It has been cloudy now all week, which is not exactly the most cheerful weather there is. However, there has been no deep snow, no crawling down toward the bulb in the thermometer and no bad roads, so perhaps, after all, we should take the clouds with cheerfulness, glad that it is no worse.

Henry Hatch.

Coffey Co., Kan., Jan. 10, 1907.

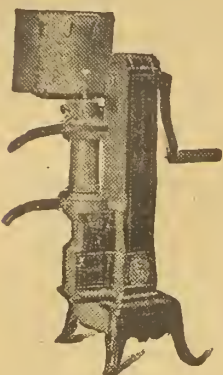
**Inexpensive But Good Seeds.**

On page 11 of this issue is found the advertisement of the T. M. Roberts Supply House, of Minneapolis, Minn. By turning to that page it will be found that this company is offering thirty-seven packages of the best vegetable seeds for thirty-seven cents. This amount

would ordinarily cost anywhere from \$2 to \$3. An examination of the advertisement referred to will show the kind of seeds that are included in this list. This is a marvelously low price for good seeds, and yet this firm has been doing business with our readers so long without a single complaint having been registered with the publisher, that we have every confidence that the seed will be true to name, free from weeds and up to the standard in germinating qualities. The company publishes a 920-page catalog which will be furnished free with the first order that is sent to each customer by freight. Those sending thirty-seven cents for the collection of vegetable seeds should send seven cents extra for postage if they desire to have the seeds forwarded by mail.

Tobacco warehouses in the vicinity of Janesville, Wis., have opened for the handling of this year's crop. Nearly 1,000 workers are employed and out of this number six hundred are girls.





## A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

You prevent all this waste by using an

## Iowa Dairy Separator

What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

## DOES THE WOMAN'S WORK

No pans to wash—no milk to set night and morning—no skimming to do—and—  
**Only 2 Parts to Clean**  
You pour in your warm milk—turn the handle easily. Then you get one-quarter more cream than by "setting" your milk.

**Send No Money But Just Try a National Cream Separator 30 Days FREE**

No Hard Lifting  
Only 48 In. High  
Lightest Running  
Easiest Cleaned  
Closest Skimming

Even if you have only 2 or 3 cows it will pay you well. Try it, and if you decide to buy it we'll make you a special proposition. The National will pay for itself as it earns for you. Write today for FREE Catalog and Dairy Guide No. 133, addressing nearest office.  
National Dairy Machine Co.,  
Goshen, Ind.  
The Hastings Industrial Co.,  
Chicago, Ill.

**You Should Buy a DAVIS Cream Separator**

Because by so doing you **Save \$20 to \$50** of your own good money. You will readily see how we make the great reduction in selling cost, when we tell you "there is no one between you and us," no wholesale or jobbers' commissions, no state or district agent to pay. **We are Bona Fide Manufacturers.**

It costs us as much to manufacture the Simple Davis, materials cost more if anything, for we use nothing but the best. Under our plan it does not cost as much to sell as it does to make, therefore our low price.

The Simple Davis has a simple 3 piece bowl made so good that it requires no balancing, consequently always in balance. The low tank is only 3 ft. 7 in. high. It's the easiest to clean, run and use.

Our liberal selling plan is fully explained in our money saving catalogue No. 118. It's absolutely free. A postal request brings it. Remember we pay the freight and guarantee safe delivery.

**Davis Cream Separator Co., 541 North Clinton Street, CHICAGO, ILL.**

**CASH SALARY** and all expenses to men with rig to introduce our Guaranteed Poultry and Stock Remedies. Send for contract; we mean business and furnish best references. G. B. BIGLER CO., 829, Springfield, Ill.

## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### PACKING BUTTER NEATLY.

The market is more and more recognizing the quality of neatness as applied to the package in which goods are delivered, and no product handled by farmers is more susceptible to an increase in value by its attractive appearance than is butter.

When butter is put up in tubs pains should be taken to see to it that it is packed solidly throughout its entire mass. In many cases it is put in the tub in such a way as to leave large holes in the body of the butter. When the tub is full it should be neatly covered with a parchment paper lining and this should be cut so as to exactly fit the top of the package. You then have something that appeals to the eye at once, and when such a tub is opened for use it stands inspection from the top to the bottom; that is, if care has been taken in packing it solidly throughout.

The pound prints or squares are exceedingly popular, and indeed appear to be growing in popularity. The outfit for making these prints is not expensive and no farmer who markets butter can well afford to be without one of these prints. Of course there may be times when the butter will be put in tubs, but when the cream supply runs low and only a few pounds are made at a churning there is no package that looks so well and shows off one's product so favorably as the pound print.

It is the custom for appearance's sake, as well as for the sake of cleanliness, to wrap prints in parchment paper. Then some prefer to go one step further and place each pound or square into a pasteboard box by itself. Whether this should be done or not depends somewhat upon one's market, though we have in mind instances where butter was marketed in pound prints in the pasteboard boxes and sold for at least two cents a pound more than the same quality of tub butter.

### Be Kind to the Cows.

To the Editor of The Homestead:

Every milker thinks he knows how to milk, but if the cows could express their opinions they would probably intimate that a few lessons in the gentle art were not unnecessary. It is not fair treatment to sit down to a cow and tug and haul on her until she steps around in the stall and acts as if she were badly hurt. Sometimes a cow will stop eating and wait until the ordeal is over before she will resume her meal. The cow that does that is not comfortable, and an uncomfortable cow will not do her best for her owner.

Some men have a way of milking that so pleases the cow that she clearly shows she enjoys it. These are the men whose methods should be copied. Observing them we see that they never shout at, strike or otherwise ill-treat their cows. They sit down quietly, take hold of the cow's teats gently, no matter how much of a hurry they may be in, and begin to draw the milk without pressing too hard for they know they are touching her at a tender point. Then they keep steadily at it until the last drop is out. There is no excuse for having a kicking cow in the herd. The kicking cow is invariably made so by her attendant. If a cow is handled before she comes in so as to become familiar with her attendant, and has been kindly treated, there will probably be no trouble. It is my opinion that in nine cases out of ten, where there is trouble of this kind, it serves the attendant right to get a good kicking. I think if all milkers would take a little trouble to do a little thinking, a little sound reasoning, and investigate matters a little, they would probably find that sore teats is a common cause for a kicking cow, especially so with young cows; and instead of using the much-talked-of straps or ropes buckled around the body, I should advise them to use our remedy (which has proven effectual without a single exception) and that is simply clean lard.

About fifteen or twenty minutes before the cow is milked the first time the lard should be applied to the teats and when through milking wipe the teats perfectly dry with a dry soft cloth and apply the lard again. This was usually found necessary for about five

# 1 1/2 more butter 1 1/2 lbs.

If you can increase your butter production without any increased cost or any more work won't it pay you to do it? And if you can get more butter from you milk with less work, that will be still better, won't it? That's exactly what you can do if you will do as MR. LEITING did—buy a Sharples Tubular Separator. Here's what he says about the Tubular:



**MORE BUTTER  
MORE MONEY**

gets all the cream there is in the milk, does it so easy that it's not work to run it at all, and is so simple, with only one little part in the bowl to wash and keep clean that comparison is out of the question.

The extra cream it gets makes the Tubular a regular savings bank for its owner.

All the other good money-making points are told in book F-121, which you ought to read. Write for it today—we'll send it free to you.

**THE SHARPLES SEPARATOR CO.,**

Toronto, Can.

WEST CHESTER, PA.

Chicago, Ill.

### Here's Why You Want

## The Omega Separator

YOU want the cream separator that will do you the most good—

That's also why you want the Omega—at least we are sure that if you will investigate its good qualities, you will want an Omega.

Because it is different—

A good many persons say we ought to call it the "common sense machine"—And that's what it is—

The separator that embodies common-sense in its construction and operation.

For example:

Instead of leaving the top of the bowl without support—to wobble like a top—we have a bearing at both the top and bottom of bowl.—Isn't that common sense?

Instead of enclosing the bowl in an iron-pot—a filth and germ-breeder—we run the bowl in the open.—Isn't that common sense?

Instead of forcing the cream through crooked cream tubes at the top of the bowl, we take both cream and skim-milk from the bottom of the bowl.—Isn't that common-sense, too?

Instead of making you wait until the bowl "runs down," we arrange for you to stop it instantly—the minute you have finished separating.—That's more common-sense, isn't it?

Instead of taking 15 to 25 minutes of your time for cleaning, the Omega can be stopped, washed thoroughly, and the bowl and all parts replaced in four minutes!—The most common-sense yet!

And these are only a few of the many good things about this great machine. In convenience and reliability, no separator ever made approaches it. In durability it excels. Many users of the Omega have run their separators for 10, 12 and 15 years with practically no expense for repairs. That's a feature worth looking after!

All we ask is the chance to prove these things to you, it's as much to your advantage as to ours. On "More Milk Money," also our new catalogue and our "Golden Rule Guaranty." You ought to know more about the Omega.

**SEND FOR FREE BOOK**

**OMEGA SEPARATOR CO., 35 Concord Street, Lansing, Mich.**



## THE AUTO-FEDAN HAY PRESS

3-Stroke Self-Feed 2 Men Can Run It.

Satisfaction Guaranteed.



**THE AUTO-FEDAN HAY PRESS CO.**  
1062 Jefferson St., Topeka, Kan.

milk her. It was then that I happened to have my attention called to it, so I told him of our method which we at that time had tried only with three or four young cows. He simply laughed at me, when I suggested that I would myself apply the lard. But the poor cow's teats were now so sore she would not even let the calf touch her. With con-

or six milkings. Many milkers have the bad habit of wetting their fingers when milking, and when the teats of young cows are left in this condition, especially in the winter time, they get sore, while lard heals or takes away the soreness that is so natural, considering that many milkers have rough, hard hands and considering that the teats are not accustomed to the milking process.

I once visited a farm where they had a fine young Holstein cow which had just come in for the first time, and the milker and the poor animal had gone through most everything during the first three milkings. The cow had no means of telling of her sufferings except with kicks and the owner, although a kind, intelligent person, could not think of other methods to apply except what he had used so often before with other cows—tying her with straps or ropes. He decided then to let her keep the calf, as it seemed an impossibility to



siderable patting and rubbing and kind words I had the satisfaction of getting the lard applied, and the still greater satisfaction of seeing the cow stand perfectly still a short time afterwards to the great astonishment of those present.

The cow is a creature of habits, and upon the attendant depends the regularity of those habits. The more regular they are the better work she will do in the dairy. Teach the young boys to be kind to the cows, to feed them properly, and do everything in their power to make them contented and happy. The true dairy cow usually possesses a highly nervous temperament that rebels against harsh treatment. In view of this fact it is ill-advised economy for the dairyman to share with the farm dog the duty of caring for her, for if he does, she will in all probability even up

with him by giving an ever-diminishing quantity of milk. Gentle treatment is about as important as good feeding and must be the practice of dairymen if they expect to succeed. A. F. Sorensen.  
Howard county, Neb.

#### Feeding Corn Silage.

To the Editor of The Homestead:

Corn silage is pre-eminently a feed for cattle. Having large digestive organs cattle are able to consume it in large quantities. It may be fed to all classes of cattle except young calves. The dairy cow produces more milk from silage than she will from the same amount of dry matter in either cured corn fodder or timothy hay, because of the succulence of the silage. Poor silage, however, is likely to taint the milk, but this kind of food must be guarded against.

It must not be expected that silage will take the place of all other food stuffs, because it is a carbohydrate food, and low in protein. With silage, cattle should have clover hay and if they are giving milk they should get also a grain mixture of about eight pounds for every thirty pounds of milk they give daily. Full grown cattle take from thirty-five to forty pounds of silage daily. It may be fed alone just after milking, or a better method is to cut the hay and mix it with the silage a day ahead and allow it to ferment for about twelve hours. This method gives greater palatability to the hay and causes the animal to eat it all.

Silage is also valuable as part of the ration for fattening steers, as was shown by a test recently concluded at the Kansas Station. According to the results of the test, silage has a feeding value of \$3.29 a ton and 3.02 tons of silage proved equal to one ton of chopped alfalfa hay.

Silage has proven a very good substitute for roots (mangles and turnips), thus supplying a long-felt want of the breeders of the corn belt.

Breeding ewes take kindly to roots and silage and they should always be fed some silage where it is available before the lambs come, as well as after.

During the winter when horses are not doing heavy work they may be fed small quantities of silage with hay and grain, but a horse should not be fed as much of this food as a cow, because its digestive organs are not suited to taking large quantities of food. Some successful hog breeders feed silage to their brood sows in small quantities, along with grain. However, an exclusive ration of silage fed to a brood sow would prove disastrous. The sow would likely gain in flesh and appear to be doing well but her offspring would be weaklings. E. E. Arthur.

Iowa county, Iowa.

## FREE! TREATMENT FOR MEN

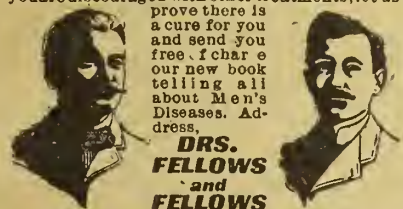
### Cure Yourself At Home!

When afflicted with Nervous Debility, Weakened Vitality, Blood Poison, Skin Diseases, Prostate, Urethral, Kidney or Bladder Disorders, the uppermost thought is "where can I obtain a positive cure with the least inconvenience and at the least expense." Doctors charges for treatment of these troubles at their offices are very high. The cure usually uncertain.

### OUR HOME TREATMENT

places within your reach the best possible treatment at a moderate expense. Our 20 years practice and thorough knowledge of these diseases has enabled us to prepare and perfect a new method which can be successfully used at home. To prove the merit of our new method we will send you a month's treatment especially prepared for your case and allow you to use it for fifteen days. If you are not better or the treatment unsatisfactory return it to us and it will cost you nothing.

Write us today about your case even though you are discouraged with other treatments; let us



523 Rollins Block, Des Moines, Iowa

You never saw a  
saw which saws  
like this saw saws

and last so long a time.  
Frame of heavy angle  
steel strongly  
braced—absolutely  
no shake. Patented—adjust-  
able, dust-proof, non-heating  
oil boxes, etc. We make these

### Appleton Wood Saws

in 6 styles—strong, simple, safe and successful  
—and we make a 4-wheel mounting for wood  
saws and gasoline engines which is unequalled  
for convenience and durability. Saw your own  
wood and save time, coal and money—then saw  
your neighbors' wood and make \$5 to \$15 a day.  
We make the celebrated

### HERO FRICTION FEED DRAG SAW

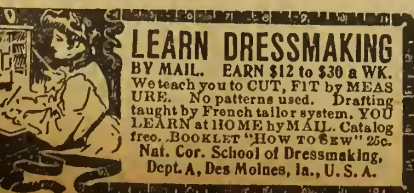
nothing like it—no other so good. Also feed  
grinders, shellers, fodder cutters, huskers,  
manure spreaders, farm trucks, windmills,  
etc., all guaranteed full Appleton Quality.  
Catalog free for the asking. Ask for it now.

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EVERY BOY  
WANTS ONE

Our Novelty Knife, Fancy  
nickel plated, large and  
small blades, glass cutter and trimmer and a cork-  
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1,000 of these beautiful knives. Send 5 names of  
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you get the knife FREE for the names. Only one in  
a family. MAIL ORDER MONTHLY  
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### LEARN DRESSMAKING

BY MAIL. EARN \$12 to \$30 a WK.  
We teach you to CUT, FIT by MEAS-  
URE. No patterns used. Drafting  
taught by French tailor system. YOU  
LEARN at HOME by MAIL. Catalog  
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Nat. Cor. School of Dressmaking,  
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## THE INVENTION THAT REVOLUTIONIZED DAIRYING

Within the last twenty-five years the dairying industry has been completely revolutionized. In that time dairying has developed from a mere "side issue" to be one of the world's foremost industries. Once the cow was looked upon as a luxury. Today she is a wealth producer of the first order. What has been the cause of this progress? A single mechanical invention accomplished it,—the invention of the DE LAVAL Centrifugal Cream Separator in 1879. Ever since then dairying history has been DE LAVAL history. Soon the farmer who does not own a separator will be the exception. It is simply a question of the cow owners learning about the wonderful benefits and advantages of the DE LAVAL machine. If you don't know what they are ask the DE LAVAL user and write for a DE LAVAL catalog, or better still ask for a free trial of a machine in your own home. We won't expect you to buy unless you choose and you will be under no obligation whatsoever. We want you to see the invention that revolutionized dairying,—the DE LAVAL cream separator,—the separator that was first, is first, has always been best and cheapest and has led in every stage of cream separator improvement and dairying progress. The DE LAVAL stands as a champion of the dairying industry and the leader in the separator field. Its interests are your interests and DE LAVAL success can only come with your success. Now is the time to look into the matter before your cows freshen. Write us today for a free trial of a DE LAVAL machine, or at least a catalog.

### THE DE LAVAL SEPARATOR CO.

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## GRAIN Freeman Bros. & Co., HAY

COMMISSION MERCHANTS,  
Established 1886, 66 Board of Trade, Chicago.  
Your shipments to this market and orders  
for the purchase and sale of grain for future  
delivery solicited.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller. THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE.

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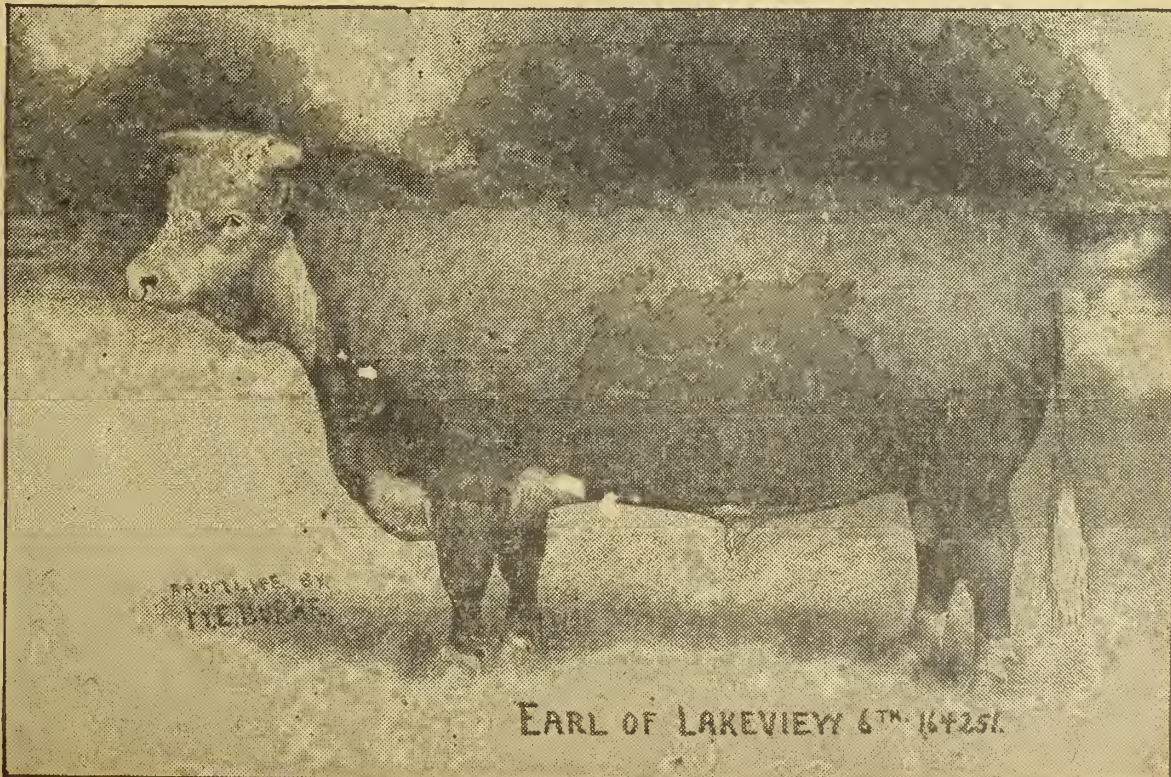
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PATENTS  
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Send sketch or model of  
invention for free opinion  
as to patentability. Refer-  
ence, The Iowa Homestead.

## Cancer Cured No Knife, No Pain

People I have cured of cancer prove the astonishing results of my treatment. Peter Keagan, Galesburg, Ill., writes: "It is only a question of time—I must die." Doctors said "no hope." My new method was used and to-day Mr. Keagan's cancer of the throat is healed, and he is well. I have made wonderful cures without pain, operations, sticky balms, oils or plasters. My treatment is clean and wholesome. It gives instant relief from the smarting, itching and terrible burning pain, destroys the offensive odor and has cured cases given up by the family physician and specialists. If you have cancer or have a friend who has cancer, write me to-day. Full information, proofs and advice given without charge. Address DR. RUPERT WELLS, 2165 Kadel Bldg., St. Louis, Missouri.



EARL OF LAKEVIEW 6TH 164251

Earl of Lakeview 6th 164251, bred by Mr. J. W. Lenox, of Independence, Mo., got by Halberd 117050 by Corrector 49976 out of Miranda 62452 by King Quality 47972, at head of herd of Mr. J. S. Mayne, Iowa, will be in the Hann & Mayne sale at Harlan, Iowa, February 1st.



The best forks bear this label



## They Cost No More

A Good Fork must be formed on correct lines, for the *special work* it has to do. And it must "hang" just right, feel handy, and work easily.

True Temper forks are as perfect as the science of mechanics and skill of workmen can produce. They must prove true in quality, construction, "hang" and temper under severe tests and inspections before they are allowed to wear the True Temper label — the label that appears in this advertisement. They are by far the best made.

Ask your Dealers to let you see the True Temper line.

It includes Hay Forks, Manure Forks, Spading Forks, Barn Forks, Header Forks, — every known kind of good fork, as well as Hoes, Rakes, Weeders, Hooks and all other Farm and Garden Hand-Tools — "The best tools you have ever bought at the same prices you have always paid."

Write us today for our FREE BOOK, Tools and Their Uses. It tells how to save time and money on your work.

AMERICAN FORK AND HOE CO., 335 Am. Trust Bldg., CLEVELAND, OHIO.

## SEEDS THAT GROW! If you want the Best Seeds that can be grown, — as proved by thousands of tests at the Largest Trial Grounds in America, you should read

### Burpee's Farm Annual for 1907, — "The Leading American Seed Catalog."

A handsome book of 200 pages with beautiful half-tone illustrations from photographs, it tells the plain truth! Among other important Novelties for 1907, six pages are devoted to two unique "NEW CREATIONS," in which nature has surpassed herself. These are the most wonderful advances, over existing types, that have ever been known in any vegetable. Their discovery will be worth many thousands of dollars annually to American gardeners.

If you can appreciate Quality in Seeds and are willing to pay a fair price, write to-day (a postal card will do) and you will receive our Complete Catalog by return mail.

W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA, PA.

## SEED CORN

The Iowa corn crop is worth more money than all the mines in the United States. Will it pay you to spend 50c per acre to increase your yield 25 bu. 7 ft. will.

We can furnish you seed corn that has breeding back of it. "Why?" "Because."

We have been breeding the best varieties for years. We have a \$14,000 equipment for handling it. We have experts to grade it and select the best. We have 1,200 acres of the best land in Page county devoted to its growth. We have graduates of Agricultural Colleges in

our employ who have conducted an Experiment Station.

We have made frequent shipments to the Department of Agriculture at Washington, D. C.; which proves our ability to produce the best type of seed; in fact, we have spared neither time nor money to make the seed the best that can be produced.

Send for our 1907 illustrated catalog which gives full information as to our method of handling seeds of all kinds. Send for it today. IT IS FREE.

A. A. BERRY SEED CO., Box BZ, CLARINDA, IA.

## SEED CORN SOLD ON APPROVAL

Test it any way you please for ten days. If not perfectly satisfactory, return at our expense and money will be refunded. Best and largest yielding varieties: Sutton's Improved Boone Co. White; Sutton's Favorite White; Reid's Yellow Dent; Gold Standard; Leaming and Premium Yellow Dent. All corn carefully selected, placed in our mammoth dry house and perfectly dried with steam pipes and air shafts. From 600 acres we selected 8000 bushels of fine seed ears. When sold we quit, so order now. We handle no outside corn. Shipped in the ear (Bushel boxes) or shelled. All shelled corn rubbed at both ends and graded. Has highest germinating power, and stands cold spring rains better than common corn. Letters from Iowa, Missouri, Ohio and Illinois this year, state that our corn out-yielded all other, making from 85 to 125 bushels per acre. Send for catalog and read these letters signed by the parties raising the corn. The actual test is what talks. My seed corn may double your yield. Write for illustrated Seed Corn Book and samples. Free. Address My ad will appear every other week. G. D. SUTTON, Dept. D., Mason City, Ill.



## A SWEET CHESTNUT TREE

To get this valuable "Blizzard Belt" Chestnut quickly introduced and at same time gain new friends, we offer to send a Hardy Sweet Chestnut tree 1 year old, entirely Free to a limited number of property owners not already our customers. Mailing expense 5cts which send or not as you please. A postal will bring the tree. Our Catalog containing 64 colored plates of our "Blizzard Belt" Fruits, Ornamentals, Evergreens, etc., and a mine of valuable information for fruit-growers is free. Write today. The Gardner Nursery Company, Box 702, Osage, Iowa.

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties. We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### HORTICULTURAL NOTES.

One should not be guided in the selection of fruit trees by what he sees at fruit exhibitions alone. Show ring qualities are not the only ones to consider. The highest-priced Short-horn cow ever sold in America was absolutely barren and hence worth only her value for beef. Likewise, the fine plate of apples is too often all that were borne upon a certain tree. Nice to look at, 'tis true, and fine to eat, but it takes bearing qualities and hardiness of tree to make any variety valuable. And these essentials cannot be determined by looking at a plate of the fruit.

A few days ago we found that our potatoes stored in the cellar are beginning to sprout. They are Rural New Yorkers, too, a variety exceptionally free from this fault. Potatoes which have sprouted, especially if the sprouts are long, are damaged both for food and for planting. This trouble is increased by the furnace heat in the cellars of our modern houses. Its prevention is simple. The temperature in the cellar should be kept down by ventilation in the day time. Potatoes will not sprout unless the temperature is about 50 degrees F. It may be found necessary to remove the potatoes to a place in the cellar where no daylight can enter. This last is often necessary late in the spring when it is impossible to keep the cellar cool.

We recently examined some strawberry beds which were mulched about December 1st. The vines were in good, healthy condition, the leaves green and the crowns large and plump. The mulching is the keystone to successful berry growing. It is not yet too late, and beds which have been neglected so far should be covered at once with straw or slough hay.

A friend who is engaged in growing raspberries on an extensive scale has been bothered so much by anthracnose or cane disease that he seriously considered going out of the business. Last spring he went over a twenty-four-acre field of raspberries with a mowing machine cutting the canes close to the ground and then raked and burned them. Between the rows he planted corn and gave the soil good cultivation. He obtained no raspberries, of course, but the plants made a fine growth. They were tipped when they had attained a growth of about three feet. A few days ago he reported to us that the field was in fine condition with no sign of disease and bid fair to yield a fine crop next season.

Now is the time when the despised and maligned Ben Davis begins to taste good. Jonathans at fifty cents a peck taste too much like money for our simple appetites.

Those who took advantage of the low prices of fruit during the fall and supplied themselves well with preserves, jellies, jams and canned fruit can be somewhat independent of the present prices.

### Trans-Atlantic Fruits.

To the Editor of The Homestead:

An Oklahoma City business man, who is a native of Germany, has a taste for horticulture which he seeks to gratify in the cultivation and management of a five-acre tract a mile out of town. Mindful of the good things which used to grow in the fatherland when he was a boy, he has several times sent thither for consignments of nursery stock. His importations in this line have included cherries, (several varieties each, of both sweet and sour), prunes, apples, currants, gooseberries and red raspberries.

Since the first importation was made nearly six years ago, several varieties of the fruit thus introduced have been fruited successfully. Of these none have attracted such general attention as the cherries. Because of their large size and excellent quality, as well as their productiveness, both sweet and sour varieties promise to become popular with the general fruit grower in Oklahoma.

One novel feature of this trans-At-

## GOLDEN NUGGET TOMATO

THIS grand novelty is a real gold nugget in value. Wonderfully prolific; each plant bears 150 to 200 fruits. Rich golden yellow color, delicious flavor and very solid. We are offering:

**\$25.00 IN CASH PRIZES**

to the persons growing the greatest number of fruits on a single plant. Seed sells at 20 cents a packet, but if you mention this paper, we will send a Prize Competitor's package of 25 seeds for two 2-cent stamps, with privilege of competing for prizes. Large, illustrated catalogue of



Vegetable, Flower and Farm Seeds, FREE.

IOWA SEED CO., Des Moines, Iowa.

## GREGORY'S SEEDS

If you have never planted them, try them this year. They never disappoint — they grow — they yield. Always sold under three guarantees, insuring freshness, purity and reliability. For this reason, thousands of farmers, gardeners and planters, both in the United States and Canada, plant Gregory's Seeds exclusively. Our new Catalog contains many suggestions and directions — the fruit of fifty years' experience in the seed business.

J. J. H. Gregory & Son, Marblehead, Mass.

## FERRY'S Seeds

prove their worth at harvest time. After over fifty years of success, they are pronounced the best and surest by careful planters everywhere. Your dealer sells them. 1907 Seed Annual free on request.

D. M. FERRY & CO., Detroit, Mich.



## Jewell Seeds and Trees

1200 acre nursery and seed farm, founded at Lake City in 1883 by Dr. P. A. Jewell. Send postal card for Free 132 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

THE JEWELL NURSERIES, BOX 16, LAKE CITY, MINN.

## FIELD'S SEED CORN

Sold ear or shelled. All graded, tested, proven — then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it — fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

HENRY FIELD, SEEDSMAN, BOX 25, SHENANDOAH, IA.

## SURE GROW SEEDS

The best in the world. A lot of free seeds with every order. The biggest and best seed book ever issued. A postal will bring it. RATEKIN'S SEED HOUSE, Shenandoah, Iowa. Largest Seed Corn growers in the world.

## WRAGG TREES

WE PAY FREIGHT.

SELL direct — guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

M. J. WRAGG NURSERY CO., 330 GOOD BLOCK, DES MOINES, IA.

## HEALTHY TREES HONEST IN QUALITY

WE PAY FREIGHT. Grafted apple 4c, budded peach 4c, budded cherry 15c. Concord grapes \$2 per 100. Black Locust \$1 per 1000. Complete colored cat. free. Galbraith Nurseries, Box 52, Fairbury, Neb.

lantic horticulture is the grafting of gooseberries and currants upon a strong growing stock somewhat similar to the



yellow-flowering wild currant which is native in many of the western states. The stock selected is from one to two feet high and, as the result of grafting, the head of the currant or gooseberry bush is formed from that point. The strong growing character of the stock, with its abundant root system furnishes good support for the growth of a full head and the fruit grows to be of large size and excellent quality. Ordinarily, and except when artificial shade is furnished, gooseberries and currants do not thrive in Oklahoma, but these plants which have been grafted on a strong growing, vigorous root and stock seem to be perfectly adapted to the natural conditions of the country. The nursery-men of this country might make a profitable experiment in grafting gooseberries and garden currants on stocks of the native wild black currant which, in some parts of Oklahoma, grows to a height of six or seven feet. J. B. T.

### THIRTY-SEVENTH ANNUAL CATALOG.

The Iowa Seed Company, of Des Moines, Iowa, have issued their thirty-seventh annual catalog and planter's guide. It is more complete and more practical and up-to-date than any of those that have preceded it. It is profusely illustrated throughout and has a beautifully lithographed cover and interior colored plates of seed corn and flowers. It lists and illustrates a great many vegetable and floral novelties for 1907 (among which are Luther Burbank's famous creations), as well as all of the best standard varieties of field, garden and flower seeds, nursery stock, etc. Full cultural directions for all seeds and plants are given at the head of each department. All descriptions are complete and unexaggerated. In fact, the book is a complete farmer's and gardener's guide and will prove useful as a work of reference. During the past year the company have added seven new greenhouses to their already large establishment, making thirty-one in all, also increased their cold storage capacity, which gives them one of the largest ranges of greenhouses in this part of the country. In addition to this, they have built an immense seed corn warehouse fully equipped with modern machinery, and ventilating and heating apparatus, enabling them to practically and scientifically care for seed and preserve its vitality. See advertisement on page 10.

### MAKING WASTE LAND PAY.

Many a piece of land not fit for grazing or tilling can be made a source of much profit in growing hardy trees. As one rides through farming districts regrets come rushing to the mind that so many waste places are barren of trees, which might be steadily, quietly, yet persistently growing a savings bank account for the owner. Here is a good opportunity for every farmer. The Galbraith Nurseries, of Fairbury, Neb., to get in touch with a few thousand more customers are giving away twenty-five black locust seedlings ready to set out in the spring. They are fitted for rapid growth on waste land and make excellent fence posts. The mailing expense is five cents, which one may send if he wishes when he writes for the Galbraith catalog. This book is well worth having. Has colored illustrations and gives prices and descriptions of hundreds of varieties of nursery stock, small fruit and forest trees. See advertisement on page 10.

### A SPLENDID SEED BOOK.

The firm of William Henry Maule is not new to the majority of our readers, because his seed catalog has in the past been almost as common a sight in the homes of the corn belt as the family Bible or Webster's dictionary. But Maule's 1907 seed book is finer than ever and we are anxious to have our readers send for it at once. Address William Henry Maule, 1757 Filbert St., Philadelphia, Pa., and please mention this paper when you write.

### CLOVER

Largest growers of Clover, Timothy, Grass, Oats, Barley, Corn, Speltz, Rape and Farm Seeds of all kinds in America.

### FREE

Our mammoth 148-page Catalog is mailed free to all intending buyers; or send

### 8c IN STAMPS

and receive sample of perfect balance ration Grass seed, together with Fodder Plants, Clovers, etc., etc., and big catalog free.

**JOHN A. SALZER SEED CO.**  
La Crosse, Wis.

**GOOD SEEDS CHEAP**  
BEST EVER GROWN

A wonderful big catalog FREE Full of engravings of every variety, with prices lower than other dealers'. Oldest reliable seed grower in America. No old seed. All fresh. They will grow or will refund money. Big Lot Extra Packages Free with Every Order. Send yours and your neighbor's address. **R. H. SHUMWAY, Rockford, Illinois.**

## STOP THAT SEED ORDER!

Don't Pay \$2.00 or \$3.00 when we will give you 37 packages BEST varieties fresh Garden SEEDS for 37 cents. Please read our special offer and see what we can save you. Limited space necessitates brief mention only.

All for 37 Cents

**37 Packages Best Vegetable Seeds for 37c**

All for 37 Cents



**\$2.00 Worth of Seeds to our 37 Cents Customers for.**

The Seeds we offer are as follows: 37 packages Best Vegetable Seeds for 37 Cents. Consists of One Package of each shown in illustration, and all are Northern Grown new seeds, direct from the growers and rare adapted to your locality. If wanted by mail add 7 cents extra for postage. Order as G8201

One Full-sized Packet of each of the 37 Choice and Leading Vegetables above illustrated makes a Complete Kitchen Garden for a Small Family.

**THESE COLLECTIONS CANNOT BE BROKEN OR ANY VARIATIONS MADE.**



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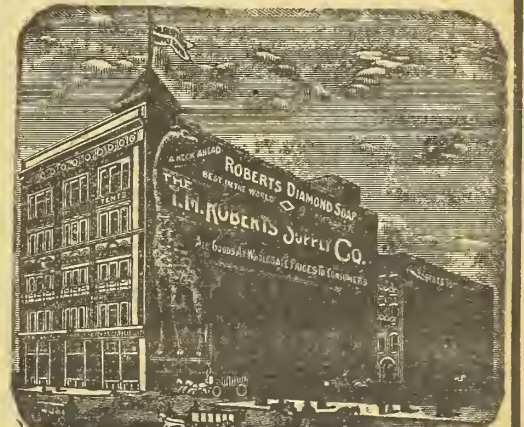
You can ascertain our responsibility from any of the Commercial Agencies such as Dunn's or Bradstreet's. We also refer you, by permission, to the Security Bank of Minneapolis and the First National Bank of Minneapolis. In making inquiries about us always enclose 2c stamp for reply.

Have you received one of our large catalogs?

This book contains 920 pages and each page is 9 1/2 by 12 1/2 inches. If one of these immense books has not been received by you, simply with your first order for goods to go by freight ask for this immense book, and same will be sent to you free of charge with your goods, together with our compliments. It will pay you to have one, especially when it is free. We sell everything.

### CATALOG

**FREE The T. M. Roberts Co-Operative Supply Co.,** Dept. H77, Minneapolis, Minnesota



The Store for the Whole Family

The **Maule Seed Book** FOR 1907 contains 63 Specialties in Vegetables, 69 in Flowers, besides everything else good, old or new, worth growing. You need it. It is free to all sending me their address on a postal.

**Wm. Henry Maule** 1757 Filbert Street Philadelphia, Pa.

## SPRAYING FRUIT TREES



is no longer an experiment, but a necessity. Prevents wormy fruit by destroying all insect pests and fungus diseases. Every farmer, gardener, fruit or flower grower should write for my free catalogue, describing 21 styles of Spraying Outfits, and containing a full treatise on spraying fruit and vegetable crops, and much valuable information.

**WM. STAHL SPRAYER CO.,** Box 103 L, Quincy, Ill.

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## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## NEW TURKEY AILMENT.

We have received the following inquiry from one of our subscribers at Bagley, Iowa:

I would like to have you tell me what is the matter with my turkeys. Their legs first get white spots on them and the turkeys commence to pick these spots so that they finally get very sore and crack nearly to the bone at the knee joint. Their legs also swell badly after they begin to crack. It seems to be contagious, as it is going through the flock.

This is entirely a new disease to the writer. The symptoms are much like those of chicken pox, save that the eruption appears on the legs instead of the head. It is possible that the turkeys have been poisoned in some way by running through weeds and tall grass. At all events, the symptoms show impurities of the blood, and should be treated along that line. Since it seems to be contagious, the ailing fowls should be separated from the others. Put them into coops or pens, and touch each sore spot twice a day with a mixture of one-half ounce carbolic acid, one-half ounce glycerine, and two ounces water. Use a stick or piece of straw for this purpose. Let the feed be light and unstimulating, and in the drinking water mix Epsom salts, a teaspoonful to a pint. Do not give the fowls any other water to drink and let them have this from one to three days as seems necessary. The Epsom salts has a cooling effect on the blood and reduces fever. Carbolic vaseline

is good to use as a healing salve. Disinfect the quarters, and strive for absolute cleanliness.

## Food and Care of Fowls.

To the Editor of The Homestead:

No matter what kind of food may be selected there is no combination suitable for all purposes. First, determine what you intend to do and then feed accordingly. One should not feed as much protein to non-producers as to layers, as the production of the egg demands that the hen should have food rich in protein. The sitting hens, males and hens that show no inclination to begin laying do not require as much protein nor as much food as the layers. It may also be added that the growing chick must be supplied with foods rich in lime (such as bone), as well as with a sufficiently of protein, as growth is evidence that it is producing flesh and bone. The pullet also requires more protein than the matured hen, and there arrives a period when the matured birds will not demand as much food as when younger.

No rules can be formulated for feeding all kinds of fowls, as each flock differs from others. The poultryman must determine for himself which of his hens require special foods, as breeds, egg production, ages and other conditions must be considered. Do not overlook the fact that each hen is an individual and that she must be considered. Do not overlook the fact that each hen is an individual and that she has her likes and dislikes, being profitable or productive according to surroundings and circumstances.

In nine cases out of ten failure in the poultry business is due to carelessness on the part of the care-takers. How many people neglect giving their fowls

sufficient water; have no regular hours for feeding, and keep them starving for hours in the morning, especially if the weather is stormy. Yet they expect the hens to lay the same as if they were well taken care of.

One of the main causes of failure is lack of cleanliness in the hen house. Dirt breeds insects. Clean the hen house daily in winter and empty ashes on the floors. Grit in winter is indispensable. Vegetables, meat, oats, wheat and bran should be fed alternately. Give boiled potatoes for one meal a day. Plan for the comfort of the egg producers and use them so well that they just can't help laying. Keep only active hens. Did you ever stop to think what a wonderful piece of mechanism a hen is? What a tremendous strain there is on that frail looking thing we call a hen! Shouldn't we give them the best care and attention? And if we do this how grateful they are and how hard they try to tell us of it. Subscriber.

## Roup Cures.

To the Editor of The Homestead:

You submit to me the following inquiry received from one of your subscribers living in Dixieland, Texas:

A few weeks ago you published a description of the three allied diseases, namely, roup, chicken pox and diphtheria, and in giving the remedy the statement was made that at the Alabama Experiment Station they found iodoform the best remedy, but did not tell how it was used. I know iodoform is a good disinfectant and a preventive, but is it also the best to use to doctor affected birds and how should one use it? My chickens had been affected with roup in Nebraska and immediately after moving here, although they seemed well when they started, their eyes commenced to swell shut, some one and some both, and I lost several during the early part of last winter. Then I cured some by giving castor oil and using carbolic vaseline on the

eyes, or at least they recovered partly, owing to the fact that I was sure to give them good soft foods which they could eat, as their bills were drawn to one side, thus making it very hard to eat small grains of any kind. During the summer I have had several birds recover and some of them I simply doctored with turpentine, giving the oil to regulate the bowels. However, I hope to get entirely rid of the trouble and therefore come to you for a cure. I am at a loss to know whether it is simply an aggravated form of roup or the chicken pox, or sore head, as the southern people call it.

In answer to the above, we would advise the inquirer to write the Alabama Experiment Station, Auburn, Ala., for information in regard to the use of iodoform in roup. It is a remedy little known in that connection.

Roup cures are legion, but by careful study it appears that certain familiar ingredients are used in most of them. These ingredients are camphor, turpentine, carbolic acid and coal-oil. It may safely be determined, therefore, that these agents are useful in combating roup and its allied diseases, canker and fowl diphtheria.

Since in a "multitude of counsellors there is wisdom," we will quote from expert authority. Dr. Sanborn, well known as a physician and writer on poultry diseases, says:

When you find a bird sneezing, or notice a slight discharge from the nostrils, spray with an atomizer all mucous surfaces you can reach with the following solution: Extract witch hazel, four tablespoonfuls; liquid carbolic acid, three drops; water, two tablespoonfuls. Do this twice a day, squeezing the bulb five times for each nostril and twice for the mouth. If there is any watery eye, give one squeeze for each. The sick birds should be kept from the others to avoid spreading the disease.

Some of the cases of five years ago used to get well under what was called the "coal oil treatment." This consisted in pouring on the surface of a pail of water about a gill of kerosene oil, this floating on the surface. The swelled-head birds were taken one by one and slowly dipped, so the heads were under the surface, held while "one—"

## POULTRY.

## Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90% to 95% at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, Iowa

**FOR SALE:** PURE Bradley Bros. B. P. Rocks, also pure Fishel White Rocks and others from utility stock to show first pairs or breeding pens. Several fine S. C. W. Leghorn cockerels, Mammoth Bronze turkey toms and Toulouse geese of superior quality, priced to sell. C. H. DRAKE, Stockport, Iowa

## 30 CHOICE

Single Comb White Leghorn Cockerels  
All good ones and from the very best of stock.  
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PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, Palo, Iowa

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LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellbarger & Todd, \$2.50 to \$5.00 each.

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SILVER-LACED Wyandottes, Steinmesch strain, some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Bedford, Iowa

CHOICES. L. Wyandotte ckls, W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eggabroad, R. 1, Grundy Center, Ia.

WHITE Wyandottes, both sexes. Scored and unscored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

BUFF Rocks for sale—150 pullets, hens, cocks and ckls., scoring from 90 to 94% pts. Prices reasonable. Eggs in season. Mrs. Chas. Steddom, Lacey, Ia.

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LIGHT Brahmas bred exclusively for twenty-five years. Large size, firm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

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400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Iowa Co., Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

## POULTRY.

## BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

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400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96% at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

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ALSO breeder of Duroc Jersey swine. The home of Ben Davis. Bred sow sale, Feb. 28, 1907.

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MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

HIGH-SCORING POULTRY—Barred Rock cockerels \$1.00 to \$1.50; Pekin ducks, \$3.00 trio; Toulouse geese, \$6.50 trio; Fox Terrier dogs, \$8.00 to \$10.00 each. Stamp for reply. Address, J. O. Walton, Belle Plaine, Iowa.

ROSE COMB BROWN LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

CHOICE B. P. Rocks, Bradley and Thompson strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

FOR SALE—150 thoroughbred Mammoth Bronze turkeys. Large bone, well marked. Toms, \$5 each, hens, \$3. C. M. Snyder, R. 4, Corydon, Iowa.

PRIZE-WINNING Light Brahmas, scored by Judge Russell. Scored cockerels, \$2.00; unscored birds, \$1.00. J. Q. Swallow, Box 89, Nodaway, Iowa.

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SILVER-LACED WYANDOTTES, Pekin ducks, choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

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## POULTRY.

## BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains. Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fishel White Rocks. We have them and are going to sell them at bargains. Please notice change in address.

C. C. Drake & Son, LaHarpe, Ill.

## WHITE HOLLAND TURKEYS.

10 FINE two-year-old toms, \$5.00 each. No White Wyandotte stock for sale.

FOREST HOME POULTRY FARM, Audubon, Iowa

## For Sale—High Scoring Prize-Winning

BARRED P. Rock cockerels and M. B. turkeys, both sexes. Toms weighing up to 25 lbs., \$5.00; pullets, \$3.00 each, two for \$5.00; trios mated, not akin, \$12.00; also 3 dozen B. P. R. hens at \$10.00 per doz. Address, M. V. Leeper, Redfield, Iowa.

## Barred Plymouth Rocks.

GET into the "band wagon" early. We can surely please the most exacting in cockerels at \$3.00 to \$5.00 each. Write today; don't put it off. Address, W. S. RUSSELL, Ottumwa, Iowa

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MAMMOTH Bronze turkeys, scoring from 95% to 96%. Also choice Barred Plymouth Rock cockerels and pullets.

CHAS. STUART, Phone 93 V, Altoona, Iowa

MAMMOTH BRONZE TURKEYS. MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Seidatter & Sons, Lawler, Ia.

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MAMMOTH W. Holland turkeys. High scoring breeding stock; also Pekin ducks, Rankin strain. Prices reasonable. Mrs. J. H. Richardson, Bristow, Ia.

40 BREEDS hardy northern raised thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. R. R. Neubert, Mankato, Minn.

BARRED Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa

Muscovy Ducks For Sale, \$3.00 a Pair. Mrs. T. W. Glass, Route 4, Sac City, Ia.

ROSE and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

MAMMOTH White Wyandotte cockerels and Buff turkeys, true to color and large size, at reasonable prices. Mrs. L. C. Dennison, Arbia, Mo.

MAMMOTH B. turkeys, both sexes, B. Langshans. Cockerels, scored and unscored. Also Pekin ducks. Mrs. A. Kitson, Audubon, Iowa.

BARRED Plymouth Rock cockerels, farm raised, large, vigorous birds, good shape and color, \$1.25 each. G. F. Piper, Dexter, Iowa.

LEGHORNS Both white and brown. Cockerels, \$1.00 each, six for \$5.00. Address, Barker Bros., Indianapolis, Iowa.

BARRED ROCKS, Buff Cochins, scoring 89% to 94. Scored and unscored birds. Write your wants to Ida Hepp, Gray, Iowa.

## POULTRY.



**FOR SALE:** Live deer, all ages, California quail, forrest, Belgian hares, Jack rabbits, wild geese, brants, canvas birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We have all kinds of rare animals and birds of any of the abovestock. Deer Lake Park, Severy, Kan.

## B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence. G. W. STOUT, Rose Hill, Iowa

## Barred Rock Cockerels.

AM offering an especially good lot of cockerels of the famous Eclipse strain, scored by Todd and pronounced excellent breeding stock. In fact, they are the best I ever raised, prices ranging from \$1.50 to \$3.50. O. J. VILAND, Slater, Iowa.

## Sandquist Bros.,

OAKLAND, NEBRASKA. BREEDERS of high class Black Langshans. A nice lot of cockerels for sale. Write us for prices.

## Mammoth Bronze Turkeys.

HIGH SCORING young stock for sale. Score cards furnished. Address, GUY W. OFFILL, Prairie City, Iowa

WHITE Plymouth Rocks for sale, scored and unscored. Hens, pullets and cockerels. Fishel strain. Prices low. Eggs in season. Mrs. O. J. Early, Bristow, Iowa.

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa

WHITE P. Rocks, B. Langshans, S. L. Wyandotte ckls, scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

MAMMOTH Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

ROSE COMB WHITE LEGHORNS. Write for prices. M. T. McEvoy, Emmetsburg, Iowa

M. B. turkeys large-boned toms weighing 25 lbs. and up, \$5 each and up; also White P. Rock ckls. \$1.25 each; farm raised. Adam Kolb, Thornton, Ia.

BLACK Langshan ckls., extra large, good combs. Matings of 14 large hens and 9 1/2 pt. ckl., \$1.50 to \$2 each. Mrs. Sarah E. McKee, Box 36, Sac City, Ia.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

FOR SALE—FULL Blood Black Langshans. Roosters crated and delivered to railroad at \$1.50 each. E. A. Whited, Atlantic, Iowa.

HILLCREST STOCK and Poultry Farm. Pure bred Black Langshan cockerels. Address, L. C. Shepard, Route 1, Manning, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spall, Box 7, Pleasantville, Iowa.

FOR SALE: A FEW MAMMOTH Bronze turkeys and Rouen Ducks. J. H. Howarth, Moulton, Iowa.

FINE, LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.



two—three" was slowly repeated, and then raised, necks and heads wiped. I remember seeing twenty cockerels, so sick that the discharge was thick and exceedingly bad smelling, receive this treatment twice a day for two days, being obliged to take all drink from dishes that had a film of oil always floating on the top, improving from day to day, finally being sold to the butcher in nice condition.

It is one thing to cure all sick birds, and another to get rid of the infection of roup. Disinfect most thoroughly all houses, coops, drinking and feed vessels. Use sulphur and lime freely, and aim for absolute cleanliness. Do not use birds that have been seriously sick with roup as breeders, as they will transmit the tendency to the disease to their progeny. Mrs. S. B. Titterington.  
Hall county, Neb.

#### NUMBER OF TURKEYS TO A TOM.

The following inquiry has been received from one of our subscribers:

Please let me know how many turkey hens should be kept for one gobbler. Would eight be too many?

Authorities differ widely as to this question. The old idea was ten hens to one gobbler. We know of a lady, very successful with turkeys, who, several years ago, put a fine young White Holland tom with nineteen hens. A neighbor, who had raised turkeys in the old-fashioned way for twenty-five years, raised both hands in astonishment at the idea. She said: "I never in all my

life heard of any one keeping more than seven hens to one gobbler, and I always heard that five were better. Don't you think it would be dishonest for you to sell eggs for hatching under such circumstances?"

The lady answered: "No, because I expect to test the first eggs and then I will know." After a time she set 206 eggs, and only seven of them were infertile. When the friend was told how well the eggs hatched, she said: "I never heard of eggs hatching that well, but one is never too old to learn."

So our querist may feel perfectly safe about mating the eight hens to one gobbler. It is always well, if possible, to have a second gobbler obtainable in some way, if needed, for it not infrequently happens that a tom will die in the midst of the breeding season, occasioning much loss and disappointment if no other can be had.

And right here, although not belonging to the answer to this query let us say that if a tom becomes droopy either during or after the breeding season, a two-grain pill or capsule of quinin daily will usually act like magic, and restore the lost vigor. Many a valuable bird has been saved by this bit of simple knowledge.

#### Chicken Pox, or Sore Head.

Sore head, or chicken pox, is very common throughout the South during the early fall and winter months. This disease is supposed to be caused by a tiny mite or germ. The disease is largely local in its effects—that is, it confines its work to the head, comb, eyes, face, and sometimes the neck of the fowl. It is also sometimes found to a small extent on the body of the fowl, but this eruption on the body is caused by the fowl scratching the body with the broken out head and causing that part of the fowl to be affected or diseased. The disease is what its name implies, an eruption or pox. The comb is generally most severely affected and in serious cases the eyes become swollen, often being closed, the inner linings of the mouth break out in eruptions, and the orifices of the nose are also broken out. Sometimes the throat is swollen so as to cause strangulation, but such cases are rare. The bird is sleepy and drowsy, and in severe cases does not eat much. When only the comb and upper part of the head are affected, the bird does not seem so sick as when the mouth and eyes are also involved. The disease is highly contagious and runs as an epidemic. There are said to be two varieties of the disease, the dry or warty, and the mucous or running. The dry kind forms in scabs and the mucous runs water discharges from the pox sores.

A safe and simple remedy is to rub well the affected parts of the head, face and comb with a mixture containing common lard or vaseline, and carbolic acid or some disinfectant. There should be enough disinfectant used to color the lard a deep brown. This mixture should be applied every day to all fowls affected. Where the sores are severe about the eyes and mouth, the affected parts can be washed with water so as to remove all scabs, etc., so the mixture may be gotten down to the seat of trouble the more readily. The birds in the same runs or near by and exposed runs should have their heads dipped in a disinfectant made of water and carbolic acid, or some standard disinfectant.

It is hardly worth while to remove afflicted birds from well ones, as the disease will likely spread of its own accord more or less through the entire flock. If not fatal it is not sufficient to cause great alarm, but if the fowls are not treated, the flock will prove profitless for some time and some deaths will occur.—(Poultry Journal.)

#### Make Conditions Favorable.

To the Editor of The Homestead:

As a practical farmer and dairyman I take it that every farmer should have as much pride in his poultry as in any other stock upon his premises, and bestow upon it the necessary attention to produce from it best results.

With most, the days of cross breeds or no breeds in cattle, horses, hogs and sheep have passed and they have properly equipped themselves for the successful rearing of the pure-breeds. The same attention should be given the poultry house and its occupants. The farmer should be the successful poultryman. His surroundings are such that he has every advantage over the poultryman



You can positively make hens lay the year around if you will give Dr. Hess Poultry Pan-a-ce-a with the regular feed. During this season of the year many valuable layers are idle. In other words, the egg factories are closed down on account of impaired machinery. Poultry Pan-a-ce-a contains the best tonics known to medicine for increasing digestion, which is the all important function in egg production. This superior poultry tonic supplies iron for the blood, cleanses the liver, arouses the egg producing organs, reddens the comb and brightens the feathers.

## DR. HESS Poultry PAN-A-CE-A

Is the prescription of Dr. Hess (M.D., D.V.S.), and in addition to increasing egg production, it cures cholera, rump, indigestion and many other poultry diseases due to digestive difficulties and infection. It has a property peculiar to itself—that of destroying bacteria, the cause of so much poultry disease, and throwing off impurities through the skin. Dr. Hess Poultry Pan-a-ce-a has the indorsement of leading poultry associations in the United States and Canada, costs but a penny a day for about 30 fowls, and is sold on a written guarantee.

1-2 lbs. 25c., mail or express, 40c. } Except in Canada  
5 lbs. 60c., 12 lbs. \$1.25. } and extreme  
25 lb. pack \$2.50. } West and South.

Send two cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK, Ashland, Ohio

Instant Louse Killer Kills Lice.

**\$10**  
Buys a 240 Egg  
**Incubator**

120 EGG SIZE ..... \$6.50  
60 EGG SIZE ..... \$4.00  
100 CHICK OUTDOOR BROODER ..... \$5.00  
100 CHICK INDOOR BROODER ..... \$4.00

**DON'T PAY HIGH PRICES**  
When you can get Reliance Incubators and Brooders at the above figures. No other machines hatch or raise more or stronger chicks. They are sent complete. You pay for no extras. Send for Free Catalog, containing our guarantee of satisfaction or your money back, and explaining how we can undersell all competitors. Lists everything you need to succeed with poultry, at lowest prices. Reliance Incubator Co., Box 527, Freeport, Ill.

**This 230 Egg Incubator**  
**\$12.75**

**We Pay the Freight**  
East of the Rockies.

**Royal Incubator**  
sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalog of incubators, brooders, poultry and all supplies free. Booklet, "Proper Care and Feeding of Chicks," 10c. 60c. poultry paper one yr. 10c. Royal Incubator Co., Drawer 766, Des Moines, Ia.

**Old Trusty**  
Incubators and Brooders  
The really automatic incubator—start it and it runs itself. Regulator so perfect that you might throw away the thermometer, if you wanted to. Sold on

**40, 60 and 90 DAYS' TRIAL and 5 YEARS' GUARANTEE**  
More sold in 1906 than any other make and every patron satisfied. You will be, too.

**SEND FOR FREE BOOK.**  
Johnson's Chicken Book—bigger and better than ever. Full of common-sense chicken talk, 300 pictures. It will save you money. Write today sure.  
M. M. JOHNSON CO., Clay Center, Neb.

**\$11.75**  
Buys a 240 Egg  
Incubator. The  
surest and easi-  
est hatcher made.

**The Famous  
IDEAL INCUBATOR**  
240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00.  
60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's Free.  
J. W. MILLER CO., Box 305, Freeport, Ill.

**60 DAYS TRIAL**  
gives you an opportunity of taking of two hatches and thoroughly trying machine. Send back if not satisfactory. Send for free illustrated catalog.  
**AMERICAN BROODER CO.**  
Box 88 Racine, Wis.

## Sure Hatch is the Incubator that Hatches Most Chicks

This is an actual fact—and we'll PROVE it to you, just as we have done to the 110,000 users of the Sure Hatch, practical chicken men who are in the chicken business because it PAYS.

Those men had to be shown. We didn't talk. We sent a Sure Hatch to them for 60 days' trial—as we'll send it to you—paid the freight and offered to pay it back again—as we do now to you. Those 110,000 Sure Hatches proved themselves, and now we are working overtime in the biggest incubator factory in the world, at Fremont, Neb., to supply the practical neighbors of those men and such men and women as you.

We send you a Sure Hatch Incubator Outfit all ready to put the eggs into. Take off two hatches and try it out. In sixty days, if you don't like it, chuck it back at our expense. You get your money back without argument. It's low priced because we deal direct with you, but it's the best made, most convenient incubator in the world every way. We guarantee it 5 years.

It's always made of Redwood—costly, and warp, shrink and split-proof—without knots. Double walled, double doors, asbestos lined. The 1907 model has our new Multiple Lever Regulator, that records the slightest change of temperature, and the Controllable Ventilator System, which also works automatically as set. Our FREE Illustrated Catalog tells all this and hundreds of other points. Write for it NOW.

**Sure Hatch Incubator Co., Box 16, Fremont, Neb.; Dept. 16 Indianapolis, Ind.**

## HATCH ALL Incubators Will Hatch Your Eggs

It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

**HEBRON INCUBATOR CO., BOX 8, HEBRON, NEB.**

**Save 2/3 Expense**

More than  $\frac{2}{3}$  saved in oil and time by using the X-Ray Incubator. One filling of lamp makes the entire hatch. Egg tray not removed during the hatch. Glass top, and thermometer in plain sight. Lamp need not be removed during the hatch. Automatic wick trimmer, chimney need not be removed. Flame is turned down automatically when hot enough. Eggs aired and turned by simply lifting the lid. The X-Ray Incubator is entirely different from other incubators. You should know about this before buying. Catalogue free.

**THE X-RAY INCUBATOR CO.**  
28th St., Wayne, Nebraska

situated in town who attempts to rear chickens in the confinement of a city lot, and who must procure all of his feed by purchase, and if his eggs are sold on the open market in many instances the balance is on the wrong side

of the ledger. Now any business to be successful must yield an income above the cost of conducting it. Our city poultry raisers do succeed and purchase every ounce of feed given their fowls, thereby teaching our rural friends a les-



son in economics. If they can and do succeed, should not the farmer be pre-eminently the successful poulturer?

Let us look at the conditions by which he is surrounded—ample range for large flocks; an abundance of feed at the cost of production; grain, grass, grit and the meat that is so much talked of is easily supplied by milk, sweet or sour, and an abundance of cottage cheese. The farmer who is not successful with poultry has no one to blame but himself, and perhaps has failed to see that he need not send his egg money to some far-away advertiser for a patent egg-producing food, but simply make intelligent use of what he has at hand. B. F. W.

### POINTERS.

—Mr. D. C. Ross, of Audubon, Iowa, desires to close out his stock of Partridge Cochins. His advertisement appears on this page of The Homestead.

—Anyone desiring White Wyandotte cockerels can obtain them from Mrs. A. G. Huffman, of Audubon, Iowa. Her advertisement will be found on this page.

—Mr. B. F. Read, of Blairsburg, Iowa, has 200 full blood Black Langshan cockerels and pullets which he is offering for sale in his advertisement on this page.

—Mrs. Ida M. Reuter, of Corydon, Iowa, is offering Rose Comb Brown Leghorn cockerels and White Holland turkey toms for sale in her advertisement that appears on this page.

—Mr. A. D. Searles, of Grinnell, Iowa, is offering Rhode Island Red cockerels for sale in his advertisement which is to be found on this page. He will also have eggs for sale in season.

—Twenty-five very choice White Plymouth Rock cockerels of the best strains are offered for sale by Mrs. C. W. Daws, of Harlan, Iowa, at from \$2.00 to \$5.00 each. Write her about these at once.

—The Ferndale Fruit Farm, of Harlan, Iowa, has some special high-class, snappy Barred Plymouth Rock cockerels and pullets for sale. The advertisement appears on this page of The Homestead. Eggs for sale in season.

—Twenty-five very high-class White Plymouth Rock cockerels are offered for sale by Mrs. C. W. Daws, of Harlan, Iowa. She can also spare a few good hens and some nice pullets. She has some extra good White Plymouth Rocks.

—Mr. R. T. Cameron, breeder of Light Brahma chickens, exclusively, of Ottumwa, Iowa, writes: "The sales on Light Brahmas have been good, but I still have some good cockerels for sale at \$1.50 to \$2.50 each. I also have two yearlings that I will sell at \$2 each and one yearling that is extra large at \$3; pullets from \$1.25 to \$2 each. Breed-

### POULTRY.

#### STRATER BROS., Monroe, Iowa,

BREEDERS of Barred Plymouth Rocks exclusively for 27 years. 300 head for sale. At the recent Central Poultry Show at Monroe, 1906, we won twelve prizes, 118 Barred Plymouth Rocks competing. Prices reasonable.

OUT of 50 chickens that had the roup bad, some blind, we never lost one after using Walker's Roup Remedy. Mary Ann Orfield, Lamoni. For trial send 25c for 50c package. Walker Remedy Co., Lamoni, Iowa.

CHOICE M. B. Turkeys, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strains; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

BRED for health, vigor and size, from young, half-wild turkeys, from M. B. hens, 20 to 27 lbs., scoring 93½ to 94½. Mrs. A. E. Shultz, Fremont, Ia.

100 BIG M. B. Turkeys McClave and Giant strains, 200 Giant B. P. Rocks. Pairs, Trios or Pens in either class. Grant Gullaher, Spencer, Ia.

BLK Cochins, S. L. Wyandottes, Bronze turkeys, sire 47 lbs., score 93½; hens 97 lbs., 2d, c/k's; 1st, 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th. Albert Leashow, Mrs. D. C. Molsberry, Plymouth, Ia.

WHITE Plymouth Rock cockerels, scored and unscored. Scored stock \$2 to \$4½, farm raised, \$1 to \$2. Eggs in season. D. A. Good, Ogden, Iowa.

S. C. BUFF Orpingtons, from stock scoring 93½; S. C. Williams strain. Prices reasonable. Bob White Poultry Yards, Nettie Crane, Blencoe, Iowa.

ROSE Comb Brown Leghorn Cockerels 75c each and White Holland Turkey Toms \$4.00 each. Mrs. Ida M. Reuter, Corydon, Iowa. R. F. D. 4.

UPLAND POULTRY FARM—Stock for sale from Light Brahmas, Rhode Island Reds and R. C. B. Leghorns. Albert Haus, Waucoma, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 to \$2.00 each. Big bone, fine color, bred from our winners. J. M. Detwiler, Dunlap, Iowa. R. I.

"SPECIAL, high-class snappy lot, Barred Rocks, cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

200 FULL Blood Black Langshan cockerels \$1.00 each; pullets \$1.25. B. F. Read, Blairsburg, Iowa. Route 1.

WHITE Wyandotte cockerels for sale, scoring from 91 to 94½. Mrs. J. G. Huffman, Audubon, Iowa. R. 6.

RHODE Island Red Cockerels for sale. Eggs in season. A. D. Searles, 1014 West St., Grinnell, Iowa.

### DOGS.

#### I Have Some Extra Fine Fox Terriers

NICKELY broken, also young stock, both sexes, all guaranteed to make extra good rat dogs. Also our broken Collie bitch for \$15, or will exchange for S. C. White Leghorn hens or pullets. C. H. DRAKE, Stockport, Iowa.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

ers can order from this list and get what they want. Orders taken for eggs at \$2 per fifteen." See his advertisement on this page.

—Mr. Wm. Miller, of the Rush Park Stock Farm, of Independence, Iowa, is offering White Wyandottes for sale in his advertisement found on this page. He has 300 young birds of the choicest strains and will sell them cheap, as he is in need of the room.

—Mr. C. A. Steele, of Ogden, Iowa, can supply Homestead readers with White Plymouth Rock cockerels from Canada's pedigree laying strain. He has fifty of them that are large and strong and of the true Rock shape. His advertisement appears on this page.

—Mrs. E. H. Dancer, of Lamoni, Iowa, offers Mammoth Bronze and White Holland turkeys for sale, both toms and hens. Also some choice Barred Plymouth Rock and Silver Laced Wyandotte cockerels and pullets. She will be pleased to hear from any of The Homestead readers.

—We start the advertisement in this issue of Mr. M. S. Helland, of Slater, Iowa, who is offering Single Comb Buff Orpingtons for sale at very attractive prices. He can furnish eggs from scored birds and is now booking orders. He has scored stock for sale. Write him for circular.

—Mr. J. H. Faris, of New Providence, Iowa, is offering a grand lot of Barred Plymouth Rock cockerels for sale in his advertisement that appears on this page. Those of our readers who desire to purchase stock of the four leading strains mentioned in Mr. Faris' advertisement will be pleased with the stock if they favor him with an order.

—Mr. Grant Gallaher, of Spencer, Iowa, in furnishing copy for his advertisement on this page, writes: "My big Bronze turkeys are from heavy weights on both sides. The Barred Plymouth Rocks that I am offering are from yards that were headed by first and second cock and first and second cockerel at the Northern Iowa Poultry Show."

—The Wisconsin Incubator Company, of Racine, Wis., in their advertisement that appears on this page, are making a very liberal offer to those of our readers who will order one of their 125-egg incubators and brooders. They are selling both for \$10 and paying the freight. They also will send a free catalog describing their brooders and incubators.

—Forty monstrous Mammoth Bronze turkeys, winners at the recent Iowa State Poultry Show, and fifty Barred Plymouth Rock cockerels, and thirty Pekin ducks are offered for sale in the advertisement on this page of Mr. G. M. Grinstead, of Mitchellville, Iowa. Those of our readers who want some first-class stock should order at once from this gentleman.

—Mrs. Silas Cobbs, breeder of Barred Plymouth Rocks, Marathon, Iowa, in furnishing copy for her advertisement on this page, writes: "I have a fine lot of birds for sale, the best I ever had. Last year I won several first prizes on my birds. I have 200 and will sell at prices that will move them quick. My birds have size and weight as well as fine marking."

—Mr. D. A. Good, of Ogden, Iowa, is a well known breeder of White Plymouth Rocks. In his advertisement that appears on this page he is quoting prices on cockerels that is surprising for the kind of birds he is offering, unscored stock at \$1 each and scored stock at \$2 each, scored by Anderson. These birds are all well bred, large size and good shape. Anyone wishing White Rocks, write him and get prompt reply.


—We call the attention of our readers to the advertisement of Mr. Jasper Lacy, of Neoga, Ill., that appears on this page, in which there is being offered for sale fine young Mammoth Bronze turkeys sired by the first-prize winner at the St. Louis poultry show. He was mated to hens scoring from 95 to 97 points. Here is an excellent opportunity for Homestead readers to get something choice in Mammoth Bronze turkeys.

—In their new advertisement which appears on this page of The Homestead, Messrs. Strater Bros., of Monroe, Iowa, are offering 300 head of Barred Plymouth Rocks for sale at reasonable prices. Messrs. Strater Bros. have been breeding Barred Plymouth Rocks exclusively for twenty-seven years and at the recent Central Poultry Show, held at Monroe, they won twelve prizes, there being 118 Barred Plymouth Rocks competing.

—In furnishing copy for his advertisement found on this page, Mr. J. M. Detwiler, of Dunlap, Iowa, writes as follows in regard to his Barred Plymouth Rocks: "I have over 100 cockerels to supply Homestead readers. They are big-boned, fine-shaped and colored, and are bred from our blue-ribbon winners. They have been raised on free range, hence are vigorous. My Barred Plymouth Rocks are bred for laying as well as standard points. At the last Dunlap show I won the \$15 silver cup and a bulk of other premiums. I will ship stock."

—Mrs. D. C. Molsberry, of Plymouth, Iowa, in furnishing copy for her advertisement on this page, writes: "I have as fine a lot of young turkeys as I ever raised. They are large-boned and finely marked. I took first and second on turkey toms, and first, second and third on pullets this month at the Albert Lea, Minn., Poultry Show. My Black Cochins and Silver Laced Wyandottes are extra good birds. My Mammoth Bronze toms weigh twenty-five to thirty-one pounds, pullets fifteen to twenty pounds. I am able to offer my patrons better stock this year than ever before."


—Mrs. H. J. Hess, of Waterloo, Iowa, in furnishing copy for her advertisement on this page, writes: "The Mammoth Bronze turkeys I am offering are of the celebrated World's Fair strain, large heavy boned and finely marked. They are raised from prize-winning stock. My turkeys have been winners for both my customers and myself in the leading shows of the state in former years, and are equally as good this year. I have some very choice toms of early hatch to offer that weigh twenty-four to thirty pounds, also hens and pullets weighing fourteen to twenty-four pounds. The Rose Comb Brown Leghorns are choice, well-marked ones; the cockerels are large and vigorous and hens and pullets are fine. I can spare some in dozen lots if desired at very reasonable prices. Also have some White Wyandotte cockerels that are fine in plumage, heavy boned and of good shape and will be priced right."



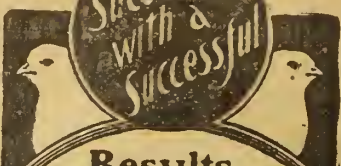
**125 Egg Incubator and Brooder** Both For **\$10**

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

**WISCONSIN INCUBATOR CO., Box 71, Racine, Wis.**



*Succeed with a Successful*



**Results**

are what you want. So get the proven machine, and don't waste time and eggs experimenting. You'll not fail with

**Successful**

**INCUBATORS and BROODERS.**

Closest to nature of all machines. Guaranteed to hatch the most and strongest chicks and to bring most to maturity. Incubator and poultry catalog free. Booklet "Proper Care and Feeding Small Chicks, Ducks and Turkeys." 10c. 50c poultry paper 1 year, 10c.

Des Moines Incubator Co., Dept. 50, Des Moines, Ia.

### POULTRY.

## 75 PLYMOUTH COCKERELS FOR SALE

Of the Bradley, Ringlet and Eclipse strains. Some very excellent birds at \$1.00 and up; can also spare a few good hens and pullets. Address

Mrs. E. F. Escher, Manning, Iowa.

### WHITE WYANDOTTES FOR SALE.

300 YOUNG birds of the choicest strains. Will sell cheap as I am in need of the room.

Wm. Miller, Rush Park Stock Farm, Independence, Iowa.

### BARRED ROCKS AND M. BRONZE TURKEYS FOR SALE.

EXTRA large bone and fine markings; yearling and 2-year-old hens, weighing 22 to 26 lbs. I will sell these hens, young hens, up to 18 lbs; toms 24 to 28 lbs. J. T. Prim, New Providence, Ia.

### FOR SALE.

MAMMOTH Bronze turkeys. Fine young stock for sale. Sired by the 1st prize winner of the St. Louis Poultry show. He is also a grandson of the World's Fair 1st prize winner, mated to hens scoring from 95 to 97 points.

Jasper Lacy, Neoga Falls, Ill., R. F. D. 2.

### FOR SALE.

A LIMITED number of H. P. R. cockerels, large bone, with fine markings. I have the Shellebarger, Weymer, Gardner, Dunning and Bradley Brothers' strains; for the next two weeks I will sell cockerels for the low price of \$1.00 to quick buyers. J. H. Faris, New Providence, Iowa.

G. M. Grinstead, Mitchellville, Iowa.

40 Monster M. B. Turkeys, bred from N. Y. prize winner, and winners at recent Iowa State Poultry show, '06; won 1 and 2 on young tom, 1, 2, 3 and 4 on pullet, 2nd on pair. 50 B. P. Rock cockerels. 30 Pekin ducks. Phone 91 D.

Mike's S. C. Buff Orpington Ranch. Eggs from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94, 15 eggs \$2.00, 25 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male bird of above Pen was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

### CEDAR LAWN POULTRY YARDS

Barred Plymouth Rocks exclusively. 75 scored cockerels at \$1.50 to \$3.00 each. A few unscored at \$1.00 each. Prompt shipment and satisfaction guaranteed. W. J. Applegate, New Sharon, Iowa.

### Evergreen Poultry Farm, MARATHON, IOWA.

200 prize winning birds for sale. B. P. Rocks, M. B. turkeys, Pekin ducks and Toulouse geese, fine large birds with or without score cards. Prices right. Write me, Mrs. Silas Cobbs.

### PARTRIDGE COCHINS

CHEAP to close out; 40 fine cockerels, 15 pullets. Come quick.

D. C. Ross, Box 253, Audubon, Iowa.

### Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Dancer, Lamoni, Iowa.

"OUT of fifty chickens that had the Roup bad, some blind, we never lost one after using Walker's Roup Remedy. Mary Ann Orfield, Lamoni." For trial, send 25 cents for 50-cent package. Walker Remedy Co., Lamoni, Iowa.

## INCUBATORS 40 DAYS FREE TRIAL

The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

**GUARANTEED FOR 10 YEARS**

Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not all we claim return it at our expense. Write for complete FREE catalog of Great Western incubators and brooders.

**GREAT WESTERN INCUBATOR CO.,** 914 Liberty St., Kansas City, Mo.



**\$7.00**

**Buy the Best 120-EGG Incubator**

freight prepaid, ever made.

Double cases all over best copper tank; hot water; Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

**Belle City Incubator Co., Box 52, Racine, Wis.**



Write today for The Autobiography of a Hen and the Victor Book—the whole story from the chick in the egg to how to make hens lay. All about incubators for expert and beginner. Knowledge you ought to have if you are thinking of buying one. VICTOR machines are practical and well made, economical in operation and always produce the best results. Don't waste your time, eggs and oil in a poor machine. Let us tell you how to begin right. Our 40 years experience is at your service in these books. Let us send them to you and see. Write us for them today. Geo. Ertel Co. Established 1867. Quincy, Ill.

## The Reliable's 25th Birthday

This is our Silver Jubilee year. For 25 years Reliable Incubators have represented the latest and best in incubator building. They have stood the test of time and have proved their practical use all this time and are farther in the lead than ever. Send for free catalog.

**Reliable Incubator & Brooder Co., Box B-103, Quincy, Ill.**

Sold on a Money-Back Guarantee.

## MAKE GOOD MONEY

In Poultry business. Others do it. Why not you? Our big illustrated book, "Profitable Poultry" tells how to breed, hatch, feed, grow and market to make lots of money. Starts you on the road to success. Describes most wonderful Poultry Farm in the world—33 kinds of fowls. Gives lowest prices on fowls, eggs, incubators, everything for Poultry. Mailed for 4 cents in postage. Berry's Poultry Farm, Box 112, Clarinda, Iowa.

## AMERICAN INCUBATOR

SPECIAL PRICES: 240 Egg size \$11.00, 120 Egg size \$7.50, 60 Egg size \$5.00.

Brooders too low to price here. Iron bound. Personal guarantee of their superiority. All about the best incubators, brooders, poultry and poultry supplies, with prices, in our free book. American Incubator Co., Box 112, Freeport, Illinois.

## GLANDT'S SANITARY HEN NEST

Makes oboken raising sure, profitable and easy. Lice prevented, setting hens separated from the layers. Ask for our free book. HAVLAND MFG. CO., Box 504, Davenport, Iowa.

## Hatch Chickens by Steam with the EXCELSIOR INCUBATOR or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatching made. GEO. H. STAHL, Quincy, Ill.

## Hatch 'Em Easily

Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is guaranteed. Glad to send free my handsome new illustrated catalog. Write now to Emil Ochsmier, Box 17, Sutton, Neb.

## 40 BREEDS Fins pure bred chickens, ducks, geese and turkeys.

Northern raised, hardy and very beautiful. Largest poultry farm in the northwest. Fowls, eggs and incubators at low prices. Send 4 cents for fine 76-page catalog. R. F. Neubert, Box 807, Mankato, Minn.

## POULTRY PAYS

Our Book, "Poultry for Pleasure and Profit" showing 35 best paying varieties mailed for 10 cents. Delavan Poultry Farm, F. E. R. Goets, Manager, Box 55, Delavan, Wis.



Don't Let This Be Another  
Lost Opportunity.

**Mr. Investor:**

IMPORTANT—If you have delayed investing in this stock, you must act quickly if you want it at the present price. It will advance in price in a few days, as the allotment to be sold at 33 1-3c per share will soon be gone.

Read This Carefully. It May  
Be Just What You Want.

REMEMBER, THIS IS NO MINING OR OIL SCHEME, BUT A SAFE, CONSERVATIVE MANUFACTURING INDUSTRY

# MAMMOTH KANSAS CITY STEEL & IRON FOUNDRIES

We are Already Assured of More  
Orders Than We Can Possibly  
Fill Next Year.

Our Crude Oil Burner Solves The  
Fuel Problem for Steaming and  
Domestic Uses.

**WILL CONTROL GREAT SOUTHWEST TRADE**  
**The Only Steel and Malleable Iron Casting Plants in the**  
**Entire Southwest**

Three Shares for \$1.00

60 Per Cent on Your  
Investment.

No Stock Jobbing Mining  
Scheme. A Safe, Conservative,  
Manufacturing Enterprise.

## The Crude Oil Power Company

Strongly Endorsed by the Manu-  
facturers and Merchants' As-  
sociation of Kansas City, U. S. A.

**A MANUFACTURING INDUSTRY THAT CANNOT BE SURPASSED AS A DIVIDEND EARNER.**

The Crude Oil Power Co. is incorporated under the laws of the District of Columbia, under Federal Supervision for \$1,000,000, divided into 1,000,000 NONASSESSABLE shares, par value of \$1 each.

The Company is now building two great factories, one in Kansas City, Mo., and the other in Sour Lake, Texas. The Kansas City plant alone covers 5½ acres of ground. These factories will be in operation by January 1st. They represent today an outlay and value of \$235,000. There is not a cent of incumbrance on the property.

This mammoth steel and iron casting foundry will be the only one for the manufacture of iron and steel in the Southwest. All orders for steel and iron castings have to be placed in the East. The factories there are about nine months behind with their orders.

The Crude Oil Power Co., turning out at the very start 30,000 pounds of steel and malleable iron castings per day will be without competition in the entire Southwest.

This Company controls, furthermore, all rights to manufacture the new Crude Oil Engine and Portable Refiner and Generator. This engine will be manufactured at a very minimum cost and will be sold at a very large profit. As it can be operated from the crude oil it will absolutely displace the gasoline engine.

The Portable Refiner will refine crude oil at the wells. This will effect a revolution in the oil business, as the independent producers can cut down 50 per cent of the cost of refining.

The profits from the casting foundries alone will reach \$200,000 a year. With no fuel bills, no waste natural gas is developed at the Company's own plant, this Company can drive the eastern producer out of the Southwest. It has the field to itself. The demand for steel and malleable iron castings is limitless. Now, look; sit up and take notice that the Crude Oil Power Co., WITH ITS FACTORIES ALMOST COMPLETED, makes the following remarkable offer:

To procure additional funds for the development of the company's properties, and to complete its work, the company is now offering an issue of 100,000 shares of stock. THIS ISSUE IS OFFERED AT 33 1-3 CENTS PER SHARE, PAR VALUE \$1.00. The subscriptions of careful investors is invited to this issue. The stock will earn at least 90 per cent from the foundry department alone, making at present prices a profit of 60 per cent on the investment.

In this estimate no account is made of the profits accrued by the sale of the crude oil engine and portable refiner. This department alone will add vastly to the financial possibilities of the company.

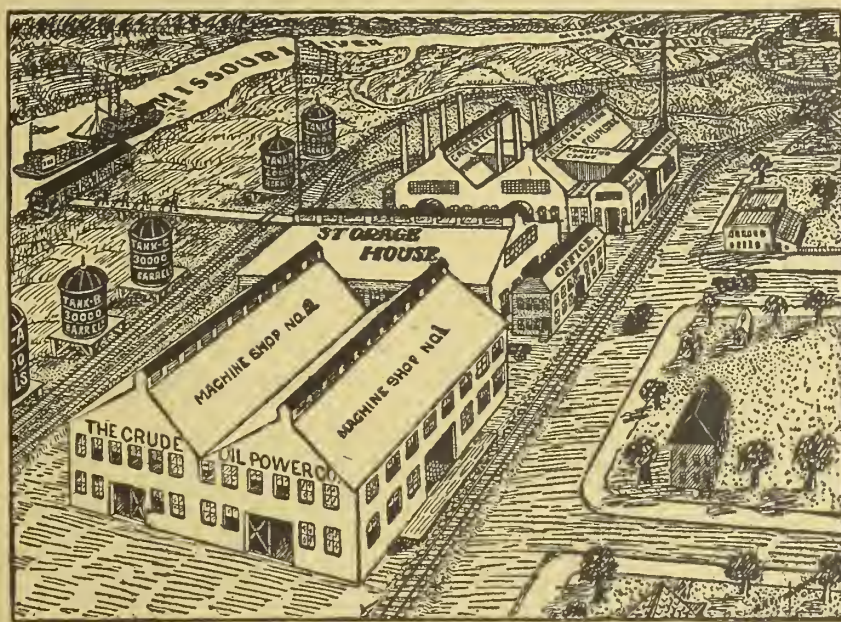
The high character, business ability and integrity of the personnel of the officers and directors of the CRUDE OIL POWER CO. could not be excelled. They are as follows:

President, G. W. Fitzpatrick, M. D., physician and capitalist; vice-president, E. E. Richardson, secretary-treasurer K. C. Stock Yards Company; treasurer, W. C. Howe, president S. W. Oil & Mineral Co.; secretary, A. A. Oshorn, inventor and constructing engineer, all of Kansas City, Mo. The Company most cheerfully invites and urges full inquiry as to the character and standing of the above-named gentlemen.

We refer you by permission to the Interstate National Bank, Kansas City, Kan., and State Bank of Kansas City, Kan.

### IMPORTANT NOTICE.

As our 33 1-3c allotment of stock is almost subscribed for, it is important that I should have your subscription immediately if you want stock before the price advances. Everybody who has investigated this company has either bought stock or reserved name. Another opportunity equaling this will probably never be offered you. I earnestly advise you to let me hear from you by return mail or by telegram. F. C. VINCENT, Fiscal Agent, 425 Gibraltar Building, Kansas City, Mo.



**\$235,000 ALREADY EXPENDED ON THE COMPANY'S PLANTS.**

**A Practical Illustration of the Two Mammoth Plants of the Crude Oil Power Co. at Kansas City and Sour Lake, Texas, as They Will Appear When Completed. Invest in a Sure Thing.**

### THIS IS IMPORTANT

Why invest in risky or gambling, mining, oil or land schemes, when you can participate in the assured immense earnings of a safe, conservative manufacturing industry? This company is a sure winner. It will positively earn you big profits.

I desire to particularly impress on you the fact that it is absolutely necessary that you should carefully read and fully grasp and understand the following features:

First—That 15 per cent profits assured in our advertising and other matter comes from our Foundry and Steel and Malleable Iron and Casting Department alone.

Second—Absolutely no mention is made anywhere in any of our literature of the vast profits that will POSITIVELY accrue from our Portable Refiner or Generator, our Crude Oil Engine and our Crude Oil Burner for steaming and domestic use.

Third—We have already several hundred orders for our Crude Oil Burners and more are pouring in every day. These burners are not an experiment. A large number of them have been in use for a long time; they have given most perfect satisfaction, and this Company is in possession of many unsolicited testimonials from those who are using them that we will be glad to send you should you so desire. The profit on these burners exceeds 300 per cent. Over 3,000 can be sold annually.

Fourth—That more orders are already assured us for our Foundry and Casting Department than we can possibly fill, if we run day and night, next year, and double our capacity in the bargain. This should occasion no surprise, as all other factories of like character are from nine to twelve months behind with their orders and ours are the only two factories of this kind in the entire Southwest. You can easily verify this upon proper inquiry.

Fifth—That our Crude Oil Generator or Refiner is no experiment, as a number of them are today, and have been for a long period, in use in the California oil fields and are giving unqualified satisfaction.

Sixth—That this company has already purchased and paid for in full the following equipment, which, as soon as our buildings are completed, will be installed, viz.: A Complete Foundry outfit, including Crucibles, Cupola, Flasks, etc., capacity 30,000 pounds daily; a Traveling Crane, capacity 30,000 pounds, and 120 feet of track; a full Blacksmithing outfit, including a 50 H. P. gas engine, air compressor, forges and all necessary tools, anvils, etc.; a 500 light Dynamo and Equipment; a full equipment for Drilling oil and gas wells, complete with a vast quantity of casing, etc.; a metal Lathe and several other valuable metal working machines for the machine shop equipment. There is no indebtedness on the foregoing whatsoever.

Seventh—Our Plants will positively be in full operation by January 1, 1907.

Eighth—We most confidently expect to pay a semi-annual dividend of at least 7 1-2 per cent by July 1, 1907.

Ninth—The work on the plants is being pushed forward expeditiously and it is the purpose of the company to keep all stockholders notified of the progress of the Company.

Tenth—That by purchasing this Company's securities at 33 1-3 cents on the dollar you will earn at least 60 per cent on your investment the first year.

The earnings will probably double that amount.  
For all information address by wire or letter

**F. C. VINCENT, Fiscal Agent,**  
425 Gibraltar Bldg., Kansas City, Mo.

**Read This and Permanently Increase Your Income**

It Costs You Nothing To Inquire, Fill Out Coupon Below  
and Mail Today.

### THIS COMPANY

is building TWO GREAT FACTORIES, one at Kansas City, the other at Sour Lake, Texas. Both plants will have the same initial capacity, and both will have the advantage of natural gas for fuel and splendid transportation facilities. The Company's purpose in both plants will be

First—A Steel and Malleable Iron Casting Foundry—to manufacture Malleable Iron and Steel Castings at a larger net profit than by any other known process. THIS WILL BE THE ONLY PLANT OF THIS CHARACTER IN KANSAS CITY, and we are already assured of orders that will tax the full capacity of this department. This department alone will pay big returns on the total investment.

Second—A Portable Crude Oil Refiner and Burner—to manufacture Special Machinery for Refining Crude Oil at the wells. These machines can be manufactured at a nominal price for great profit, and they will REVOLUTIONIZE the Refining of Crude Oils. The use of this machine makes it possible to refine crude oil at 50 per cent less than by present methods. The Burner is the only satisfactory one invented.

Third—A Crude Oil Engine—to manufacture a Crude Oil Engine which is destined to SUPERSEDE the present gasoline engine, because the same initial horse power can be developed at one-half the present fuel cost. These engines can be used wherever the gasoline or steam engine is used. The special Crude Oil Burner manufactured by this Company can be affixed to any stove, furnace, or boiler at low cost and large profit. The use of this Burner will make it possible to heat, cook, and steam at less cost than by using natural gas, gasoline, kerosene, wood, or coal. Just think of an engine that will develop the same horse power at half the cost. No need to use gasoline, coal, or even denatured alcohol; just crude oil at less than 60c per barrel, instead of gasoline at \$6.30 per barrel.

### Our Monthly Payment Plan

Gives everyone, rich or poor, an opportunity to become a stockholder in one of the big industries of the country. The proposition is up to you. If you neglect to investigate it and learn for yourself what an investment in this stock means to your future you have yourself to blame.

You can buy stock now at 33 1-3 cents per share and have several months' time to pay for it. It will pay you to buy all you can carry before the advance, as stock with such value behind it cannot remain long at such a low price.

\$12 pays for 36 shares of stock, payable \$5 down, \$2.50 per month.

\$25 pays for 75 shares of stock, payable \$6.25 down, \$3.75 per month.

\$30 pays for 150 shares of stock, payable \$12.50 down, \$7.50 per month.

\$100 pays for 300 shares of stock, payable \$25 down, \$15 per month.

\$200 pays for 600 shares of stock, payable \$50 down, \$30 per month.

\$400 pays for 1200 shares of stock, payable \$80 down, \$60 per month.

\$800 pays for 2400 shares of stock, payable \$160 down, \$100 per month.

\$1000 pays for 3000 shares of stock, payable \$200 down, \$100 per month.

**F. C. Vincent, Fiscal Agt.**  
425 Gibraltar Bldg.,  
Kansas City, Mo.

Please send me all information regarding the Crude Oil Power Co.

Signed .....

Address .....

H. Comb.

NOTE—Write name and address plainly.



# Ring-Bone

There is no case so old or bad that we will not guarantee

**Fleming's Spavin and Ringbone Paste** to remove the lameness and make the horse go sound. Money refunded if it ever fails. Easy to use and one to three 45-minute applications cure. Works just as well on Sidebone and Bone Spavin. Before ordering or buying any kind of a remedy for any kind of a blemish, write for a free copy of

**Fleming's Vest-Pocket Veterinary Adviser** Ninety-six pages of veterinary information, with special attention to the treatment of blemishes. Durable, bound, indexed and illustrated. Make a right beginning by sending for this book.

**FLEMING BROS., Chemists, 210 Union Stock Yards, Chicago, Ill.**

## Seldom See

a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

## ABSORBINE

will clean them off without laying the horse up. No blister, no hair gone. \$2.00 per bottle, delivered. Book 8-C free. **ABSORBINE, JR.**, for mankind, \$1.00. Removes Soft Bunches, Cures Varicose Veins, Varicocele, Hydrocele, Ruptured Muscles or Ligaments, Enlarged Glands. Allays Pain. Mfd. only by

W. F. Young, P. D. P., 40 Monmouth St., Springfield, Mass.

## KEEP YOUR CATTLE QUIET

Dehorned cattle are quiet and docile. Cows give more milk—steers fatten quicker. Dehorn your cattle with the **KEYSTONE DEHORNER**. Easy, simple operation. The **Keystone** makes a clean cut; does not crush horn or bruise flesh. Money back if not satisfied. Write for booklet. **M. T. Phillips, Box 38, Pomeroy, Pa.**



**Your Wife or Daughter** Can drive your most fractious horse if he wears a Beery Bit. Horse is under perfect control at all times. Can be used on gentlest colt or runaway kickers with equal satisfaction. 10 days free trial. **Prof. J. A. Beery, Pleasant Hill, O.**

## VETERINARY COURSE AT HOME.

\$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted; positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. **Ontario Veterinary Correspondence School, London, Can.**

## A. S. ALEXANDER, V. S.

**MADISON, WIS.,** Veterinary Editor The Homestead. CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

**250 Styles, \$23.50 UP** **150 Styles, \$4.50 UP**

**HARNESS**

Direct to you at factory prices in our way. No middlemen between you and us. You save 40%. We build all styles of harnesses. Our "National Leader" \$49.50. Top Buggy is the best known and known as the best made. Don't buy until you hear from us. Write today for Free Money-Saving Catalog.

**U. S. BUGGY & CART CO.** NO MONEY WITH ORDER

30 DAYS FREE TRIAL

Sta. 66, Cincinnati, O.

**SHIP YOUR FURS** HIDES and PELTS

**To McMillan Fur & Wool Co.** MINNEAPOLIS, MINN.

Illustrated Circular Free to anyone interested in RAW FURS. Trappers' Guide Free to those who ship to us.

**Learn Mount Birds** at home by mail

We can teach you by mail to stuff and mount all kinds of Birds, Animals, Game Heads, etc. Also to tax skins and make rugs. Decorate your home with your own beautiful trophies. Or increase your income selling specimens and mounting for others. Easily, quickly learned in spare time, by men and women. Highest endorsements. Write today for free catalogue and free sample copy of the beautiful Taxidermy Magazine—Free.

**The N. W. School of Taxidermy, Inc.** 268H St., Omaha, Neb.

**THE STEEL SHOE \$2.50** A pair, express anted to wear one year. FREE booklet, "The Sole of Steel," tells how to save \$5 to \$10 every year on working shoes. **American Boot and Shoe Protector Co., Dept. B, Racine, Wis.**

**WANTED:** Men to learn barber trade. We prepare you for positions \$12 to \$20 weekly. Few weeks completes. Scholarship includes tuition, tools and positions. Great demand for barbers. Our 1907 catalog mailed free. Write nearest branch. **Moler Barber College, Chicago, Ill., or Omaha, Neb.**

**Stereoscopes For Farmers' Names** If you will mail us names and addresses of five farmers, we will send you our big, illustrated farm paper one year at half price—25c; also a boys' and girls' stereoscope with 50 views, postpaid. Send to-day. **Farm Magazine Co., Box 207, Omaha, Neb.**

## VETERINARY MATTERS.

**PROFESSIONAL** Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### WORMS.

I have a sorrel colt that is coming two years old. It ran in good pasture all summer, but did not do well, is very thin and does not seem to have much energy. I notice it discharges some worms. Is that the trouble and what will kill them?

Worms are sufficient to cause the symptoms described. Give one ounce of turpentine in half a pint of raw linseed oil and follow with half a teaspoonful of dried sulphate of iron in the feed night and morning for a week; then skip ten days and repeat the treatment. Do not feed hay from low, wet ground. Feed well on oats, bran, carrots and tame hay or upland prairie hay.

#### QUITTOR.

We have a seven-year-old gray mare that was cut in the foot by barbed wire four years ago. The cut healed up nicely, but one-half of the foot does not seem thrifty and about six months ago she went lame. Pus and blood exudes above the hoof on the lame side. What can I do? Would shoeing help?

In a case of this sort we do not think it possible for you to succeed in home treatment, as the first thing necessary is a crucial operation for removal of diseased cartilage. If you cannot have this done, remove the hair, scrape out the wound and inject a saturated solution of corrosive sublimate; then poultice with hot flaxseed meal for a week and each time the poultice is changed (once daily) inject a little of the solution of twenty drops of formaldehyde in half a pint of water. At end of week inject again with the corrosive sublimate; then blister the hoof head with cerate of cantharides and in one week inject and poultice as before. Alternate these treatments until case is well or you see that treatment is not going to succeed. It would, of course, be best to place the horse in the care of a graduate veterinarian.

#### STIFLE LAMENESS.

I have a brown horse colt three months old that has something the matter with its stifle joints. It commenced to get lame when about one month old. It has a lump about the size of a hen's egg on the point of the joint on one side. On the other one there is a shrinkage of the muscle on the outside of the stifle. It is quite stiff and seems to be getting worse. I have not done anything for it. The veterinarian said it was caused by a leakage from the navel; that the navel cord had not healed properly. He did not see the colt. I never saw anything wrong with its navel. I tied the colt up, however, when about a week old and it pulled hard on the halter, which was hard on its hind legs, and it was young and those joints were soft. I thought perhaps this caused the trouble. The colt is fat and growing.

The veterinarian is right that such conditions of the stifle joints may come from infection of the navel just after birth, but similar conditions sometimes follow an injury and this would seem to be the case in the present instance. Rub the enlargement every other day with iodine ointment and blister the shrunken side of joint with cerate of cantharides if you can keep colt tied up for a week. If not, then rub the part once daily with a liniment composed of one ounce of aqua ammonia and turpentine, four ounces of druggists' soap liniment and water to make a pint. It would be safest to try the liniment first.

#### TUBERCULOSIS.

Will you please answer the following inquiry through your paper? Last spring we purchased a pure-bred five-year-old bull. He seemed to be all right, but shortly after bringing him home he commenced to be stiff and somewhat lame. He also began to lose flesh and kept getting thinner and weaker until at the end of about five or six months we were obliged to kill him. He had a good appetite all of the time and drank as usual. His droppings also appeared all right. We always supposed in tuberculosis the breathing was affected. His breathing seemed to be all right, even in hot weather. Do you think this is a case of tuberculosis? Please tell us what you can about tuberculosis, its symptoms, etc. Is it very contagious in a drove? Is it ever cured?

We certainly would suspect tuberculosis in this case, but the only way of being sure would have been to make a post mortem examination. The disease may affect almost any part or organ of the body and does not necessarily cause cough or labored breathing. Cough is present when the glands of the throat or the lungs are affected. The disease is slowly contagious, but spreads with considerable rapidity when cattle are shut up in a badly ventilated stable

# Why Don't You Ride When You Harrow?

No Use Walking When You Can Buy a

## Rock Island Harrow Cart

Delivered at your R. R. Station For..... **\$8**



If Your Dealer Can't Supply You Send to Us.

## REAL HARROW COMFORT

**PLOWING** is about the easiest work on the farm, but how many successful Farmers to-day use *Walking* plows? You don't—do you? No; horses are too cheap and life too short to wear your legs out following a plow all day.

You ride when you plow; you ride when you plant; you ride when you cultivate. Well, then, why don't you ride when you harrow?

Is there any reason on earth why you should continue to make this work the hardest kind of drudgery by *walking* over plowed ground?

Or riding one of those crude carts that twist and turn and jerk you about until you wish you *had* walked?

No, sir—there is no longer any excuse for saying that "harrowing is the hardest work on the farm."

The new Rock Island Two-Wheel Cart has changed all that!

It offers you a pleasure you never enjoyed before—a ride behind a drag harrow that is just as comfortable as a ride on your Sulky or Gang Plow or your Cultivator.

**LOOK** at the man in the picture above. He's riding a Rock Island Cart, and he doesn't look a bit more comfortable and easy than he feels.

The feature that adds most to his comfort is the fact that he always faces the horses, no matter which way the wheels may be angled. Think what *that* means!

The swinging back and forth of the axle doesn't affect the driver a bit.

This is why: The platform for the seat is made of two circular plates, lower plate being bolted solidly to the axle.

Seat and foot-rest are both fastened to the upper plate which can turn on the lower plate.

An automatic locking device, similar to that used on the rear wheel of a Sulky Plow, holds the parts in position while the cart is being drawn straight ahead.

But permits the wheels to angle either way while making a turn, or when either of them strikes an obstruction, without disturbing the driver in the least.

This feature is exclusive with the Rock Island Cart. No other harrow cart has it.

## AN IMPORTANT IMPROVEMENT

One serious trouble with two-wheel carts is that in striking an obstruction which throws one wheel behind the other, the wheels do not quickly return to their correct position but frequently slide along for quite a distance. This is why nothing of this kind can possibly happen with the Rock Island Cart:

The draw-bars are crossed and pivoted at the axle. While the axle can swing freely when one wheel of the cart strikes an obstruction, or when making a short turn, the axle and wheels are always perfectly controlled by the draw-bars in the same manner as the front wheels of a wagon are controlled by the tongue.

## SAVES YOU HIRED HELP

A boy at \$8.00 or \$10.00 a month with a Rock Island Two Wheel Cart will do as much harrowing as a man at \$25.00 or \$30.00 will do without the cart. You, therefore, actually save the price of this useful implement two or three times over in a single month.

And when you consider that the Rock Island Cart will last ten or fifteen years, you see that the price, \$8.00, means an investment of 50 to 75 cents a year. Can you point to any other labor saving implement on your farm that pays you as big a dividend as this?

Think it over, Neighbor!

## WE'LL DO THIS FOR YOU

We are manufacturers of all kinds of Farm Implements, selling only through **REGULAR IMPLEMENT DEALERS**. But we want you to have a chance to buy this Harrow Cart, and if your dealer won't get one for you, just send us \$8.00 and we will ship you a cart. We will pay the freight on it to your nearest R. R. Station ourselves. Send the price, \$8.00, at once, or if you want to know more about the Rock Island Two-Wheel Harrow Cart, before you decide to buy, we will be glad to send you a

## DESCRIPTIVE BOOKLET FREE



All levers within easy reach. Easy riding, lightest draft. Write for free description.



Strongest and simplest construction, deepest penetration, lightest draft. Description free.

We are spending thousands of dollars telling the Farmers about the Rock Island Two-Wheel Cart, and we want every one of them to know just how good it is. Ask us questions. Let us hear from you. Write today. If your dealer can't show you the cart. Full information about the cart is absolutely **FREE**. If, in addition to information about the cart, you would like to have a pretty watch charm, enclose 6 cents in stamps to pay postage and always mention this paper.

## ROCK ISLAND PLOW CO., ROCK ISLAND, ILL.

MAKERS OF A GENERAL LINE OF FARM IMPLEMENTS.

Including Plows, Disk Harrows, Planters, Cultivators, Hay-Loaders, Etc.

along with one or more tuberculous animals. The proper course would be to have all of your cattle tested with tuberculin, which will inside of forty-eight hours prove conclusively whether the disease is or is not present. See that government tuberculin is used unless you can obtain imported or thoroughly guaranteed tuberculin, as it re-

cently has been discovered that some commercial tuberculin is wholly worthless.

### Best by Test.

The Combination Oil Cure for Cancer and Tumor has its imitators. Beware of them. Write today to the Originator for his free books. **Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.**



## ADDITIONAL FIELD NOTES.

On page 14 of this week's issue will be found the Plymouth Rock advertisement of Mrs. E. F. Escher, Manning, Iowa, who is offering seventy-five cockerels of the Bradley, Ringlet and Eclipse strains at from \$1.00 up. Mrs. Escher is an up-to-date chicken woman and she is offering some decided bargains in cockerels. Her birds are well marked and are worth more money than she is asking. Write her at once if you want Plymouth Rock cockerels.

Mr. J. T. Prim, of New Providence, Iowa, is offering Barred Plymouth Rocks and Mammoth Bronze turkeys for sale. He writes: "I am offering in turkeys my last year's breeding stock, the hens weighing twenty-two to twenty-six pounds. I showed seven turkeys last year at the Union Iowa, show and won seven prizes, scoring up to ninety-six points. I have young hens that weigh eighteen pounds, toms twenty-eight pounds. My strain of turkeys are descendants of the World's Fair first-prize tom, Columbus, held in Chicago in 1893. In Barred Rocks I have the Gardner and Dunning, Wayne McAllister strains. I will sell cockerels for the next two weeks at a bargain, quality considered." See advertisement on page 14.

Mr. W. J. Applegate, of New Sharon, Iowa, has used the columns of The Homestead to sell his stock for the past twelve years, and his advertisement will be found on page 14. The following is what Judge J. L. Todd has to say of Mr. Applegate and his stock: "Mr. Applegate has been a breeder of Barred Plymouth Rocks exclusively for the past fifteen years. He has good poultry, the best average flock I have seen this year, especially in cockerels. He is a good substantial farmer with 160 acres, raises only the one breed and keeps the breeding up in good shape. He is perfectly reliable and I take pleasure in recommending men like Mr. W. J. Applegate, feeling sure he is worthy of confidence and that orders placed with him will please."

Mr. J. W. Wagner, of Monroe, Iowa, breeder of Barred Plymouth Rocks and Mammoth Bronze turkeys, writes: "I am sold out of turkey pullets, but have some extra fine toms yet for sale. They score 95½ to 97 points. I also have a yearling tom for sale weighing forty pounds. In Barred Plymouth Rocks I have 100 good pullets yet for sale and 200 cockerels. A lot of them are narrow, close-harred fellows, the kind it takes to win at fairs. At the late Newton fair my birds won six first prizes and two seconds. At the Monroe poultry show they won three first prizes and one second, two thirds and one fifth. Also got the special prize for the best pen of turkeys. I have a dark sable colored Scotch Collie male that I will exchange for a good Barred Plymouth Rock cockerel."

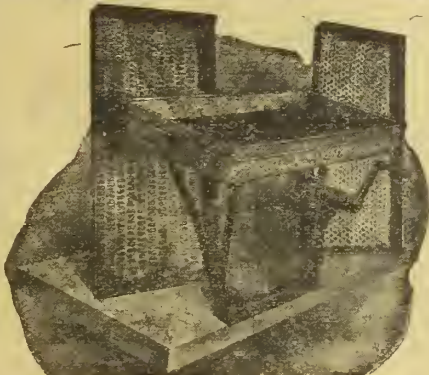
## LAST CALL FOR PEEK &amp; PUTMAN'S CLOSING OUT SALE.

We wish to call the attention of our many readers for the last time to the closing out sale, January 23d, of Messrs. Peek & Putman, of Tecumseh, Neb. We regret very much that they are going out of the business, as they were very particular in selecting their breeding stock, and had built up one of the very good herds of the state. Their reason for dispersing their herd is that Mr. Peek has decided to move away and it required a closing out sale to get a proper division of the exact value of the herd. There are many animals in the herd that should be of much interest to good breeders of Nebraska and Kansas, as they are of the choicest breeding and are extra good individuals. Every one of the old, tried brood sows will be sold and they are good producers, as you will see when you look over the very growthy bunch of gilts that will be run through the sale ring on this date. They have been raised on protein food, not overfatted and are in the proper condition to do the purchaser a world of good. The boars that these sows are bred to are worthy of special note. One of the good young boars in this herd, Lincoln Top, as he is called, is surely a good one. Look him over sale day and we think it will be hard to fault him. He has a wonderfully strong, arched back with good ham, good side lines and stands on extra good feet. Other boars in use are Crimson Jim, a grandson of Crimson Wonder; Young Hanley, by Hanley, the pig that topped the Thomas & Hog-

sett sale last fall; Beautiful Joe, by Big I Am; also Tip Top Notcher Jr., by Tip Top Notcher. There is a combination of breeding that is rarely found in any herd in the business. The sows are an especially good lot and are properly mated to this string of good boars to the best of these breeders' knowledge. We consider this one of the best opportunities to get some good sows that will be put before the breeders of Nebraska this year. Catalogs are now ready and if you will send for one you will have a chance to look over the breeding of this good stuff. Free entertainment and free conveyance to and from the farm can be had on sale day. Arrange to attend this sale, as it will be a great opportunity. Write for catalog and mention The Homestead. See page 40.

## DELANEY'S SEED CORN SORTER.

This is a day and age of advancement and improvement in every line, whether in the factory or on the farm. During the past two or three years great advancement has been made, not only in the quality of the seed corn that has been planted by the farmer, but in the method of grading or sorting the seed corn so as to secure uniform and perfect dropping. There is probably no seed corn sorter made that fills the bills so completely as does the Delaney Seed Corn Sorter, manufactured by Mr. J. F. Delaney, of Colona, Ill. This year this sorter has been further improved by being attached to a little stand, so that the sorter is operated with a small crank about like a grind-stone crank. Every farmer who used one of the old-time shakers or sorters



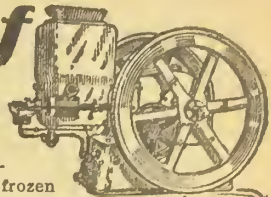
will readily testify that in its use the arms soon became very weary, so much so that oftentimes the corn was not sorted as it should have been. To meet this objection, the little crank motion has been devised by Mr. Delaney and now a three-year-old child can sort in a short time all of the corn necessary to plant a very large field. The cost of this sorter is also very moderate. A little descriptive circular will be mailed free to every Homestead reader who asks for it, which explains everything in connection with this sorter, and also gives the price list f. o. b. the factory at Moline, Ill. The manufacturers are entirely reliable financially and in every other way and The Homestead takes pleasure in recommending them to its readers. Their sorter is certainly a boon to farmers who intend to adopt up-to-date methods in corn culture.

## A NOTED HERD OF DUROC JERSEYS.

We wish to call the attention of our readers to the advertisement on page 34 of this issue of one of the best Duroc Jersey herds in America, owned by Messrs. Amos W. Harris & Son, of Waverly, Ky. This herd, known as Pennyrite herd, was established in 1883 by the senior member of the present firm. There have been many changes in the breed since that time, but this herd has at all times been in the front rank. At the head of their herd they have one of the greatest Duroc boars in America, Commodore 13381. There have been several good boars that have contributed to the success of the breed, and in Commodore another great boar has come into prominence. Both as a show animal and as a breeding boar, Commodore is well worthy of the credit which has been given him by some of the best breeders of Durocs in this country. At the Illinois State Fair this year Commodore was first in class and headed first-prize aged herd. He also won the same honors at the Kentucky and Tennessee State Fairs, and the writer representing this paper wishes to state that there were other state fairs which he visited where this great boar would have changed the awards had he been shown. Commodore individually is a boar of great promise. He

Helpful  
Hints  
on  
FARM  
POWER  
FREE

## This Frost Proof Gasoline Engine



will work for you all the year 'round—in all kinds of weather. It can't freeze, so you'll have no frozen pipes causing expensive delays and heavy repair bills.

We can prove to you that it is the most reliable, easily operated and economical gasoline engine built. And it has a guarantee back of it that absolutely protects you.

## The Fuller &amp; Johnson FROST PROOF Engine

water cooled or oil cooled, is built expressly for use on the farm—with the inexperienced man in mind.

It is mechanically perfect and is unequalled for simplicity of construction.

You can operate it—you can understand it—you can control it perfectly.

If we didn't know that, we certainly wouldn't guarantee you satisfaction.

Fuller & Johnson's guarantee has to be lived up to.

Gasoline costs money and the fact that our engine will do most work with least fuel must appeal to you. It never uses a drop more of gasoline than the load demands. Therefore, it develops more power per gallon of gasoline used than other engines.

It runs smooth and steady all the time, whether it's carrying half a load or a full load. Oils itself all over every time the crank shaft goes round.

Our engines are made in all styles and sizes and you can select one that will meet your requirements exactly.

But before buying any engine, send for our free booklet—

"Helpful Hints on Farm Power." It will protect you from loss and disappointment and help to solve your power problem.

\*\*\*

If you are in need of any other farm implements and want to be safe on quality, investigate

## The Fuller &amp; Johnson

Complete Line of Farm Implements

including, in addition to Gasoline Engines, Plows of every modern pattern, Harrows, Cultivators, Corn Planters, Transplanters, Manure Loaders—all representing the highest standard of excellence in their class, both as to quality of materials used and workmanship.

Fuller & Johnson have been supplying the progressive farmers' needs for forty-five years. They can supply yours.

And your purchase will be no experiment.

Fuller & Johnson Mfg. Co., 115 Washington St., Madison, Wis.



America's Master Oculist.

ARE YOU INTERESTED IN

## Modern Treatment FOR YOUR EYES?

Send me your name and address—a postal card will do—and I will send you my 80-page book, "Eye Diseases—Their Cure Without Surgery." It is illustrated in colors and tells you how defects of the eyes, even cross-eyes, are cured without the knife. It is free for the asking.

P. C. MADISON, M. D., Suite 308, - 80 Dearborn St., Chicago

## Ice Plows, Ice Tools

The celebrated Wm. T. Wood & Co. make. We carry Ice Plows and Tools in stock ready for prompt shipment. Write for Ice Tool circular.

C. L. PERCIVAL CO.,  
1102 Cherry St., - - - DES MOINES, IOWA.

## THE LOST MINE!

Have you read the wonderful story of the rediscovery of the famous Lost Bullion Spanish Mine? We will be pleased to send you a beautiful booklet, free, describing the wonders of the treasure vaults of the Ancient Spaniards.

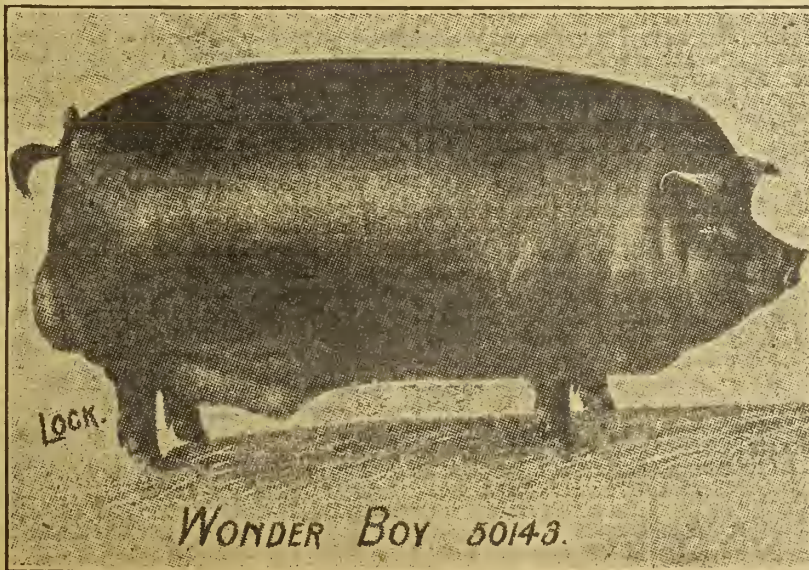
C. L. BLACKMAN & CO.,  
821 Temple Court, - - - Denver, Colo.

## KARANS CLEANER

TRY it once and you will never be without it again. Removes oil, paint, grease from anywhere; cleans patent and russet shoes and leather goods, straw hats and silverware. Nothing as good for the toilet, dandruff, tender feet, etc. 25c. a box, post-paid with full directions. Agents wanted.

THE MYLAND COMPANY,  
2125 N. Front St., - - - Philadelphia, Pa.

IOWA CLOVER 1906 crop of cleaned and tested seeds. Mammoth Red, Mammoth, Alfalfa and White Clover also Timothy, Blue Grass, Red Top, etc. FIELD SEEDS of all kinds. Our seeds are the best tested seeds that you can buy. The crop tells the story. Get our catalog of Garden Seeds. The Adams Seed Co., - - - Decornh, Ia.



Wonder Boy 50143.

Wonder Boy 50143, first-prize boar pig Illinois State Fair, 1906. Many of the sows in the forthcoming sales of Mr. N. B. Cutler, of Carthage, Ill., and Messrs. Reil & Cooper, at Ferris, Ill., are bred to this hog. See field notes.

## SHEEP.

TO INTRODUCE OUR SUPERIOR NORTHERN STOCK WE OFFER A PAIR OF

Angora Goats  
MALE AND FEMALE \$10.00

Only One Pair at this Price to any one address

SAFE DELIVERY GUARANTEED



Angora Goats are the most profitable of all farm animals—valuable fleeces, meat and milk. A pair will acquaint you with their habits and readily convince you of the worth of Angora Goats on your farm. Express charges will be nominal.

Write today for complete ANGORA CATALOGUE, or for CATALOGUE illustrating Angora rugs, robes, coats and children's furs at producers' prices.

Northern Angora Goat and Live Stock Co.  
DEPT. A 10. HELENA, MONTANA.

## Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 285 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

## Chandler Bros., Kellerton, Ia.

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch hells from 10 to 15 months old.

GEORGE ALLEN, - - - Lexington, Neb.

## SHEEP.

20 REGISTERED Shropshire ewes, \$20 to \$35 each. W. C. Frazier, Atlantic, Cass Co., Iowa

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D No. 2, Aulita, Iowa.

to Lucy Wonder, the champion sow at the same fair. We wish to urge our readers to be present at Louisville on February 22d, as the offering is one of the best that will go through a sale ring this year. Look up the advertisement on page 34 of this issue and write Messrs. Harris at once in order that you may get their catalog. If impossible to attend this sale, bids sent to Mr. D. M. Pierce, representing this paper, will be properly cared for. Kindly mention this paper when writing.



**COILED SPRING FENCE**

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Heavy-duty, Built-strong, Flg-tight. Every rod guaranteed.

**30 DAYS FREE TRIAL**

and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why name is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free.

**KITSELMAN BROS.,**  
Box 290 MUNCIE, INDIANA.

**BROWN PAYS THE FREIGHT**

**HEAVIEST FENCE MADE**

All No. 9 Steel Wire. Well galvanized. Weighs 16 more than most fences. 16 to 800 per rod delivered. We send free sample for inspection and test. Write for fence book of 133 styles. The Brown Fence & Wire Co., Cleveland, Ohio.

**Ornamental Fence**

Cheaper than wood—for lawns, oborches and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue Free.

**WARD FENCE CO.,**  
Box D, MARION, IND.

**FENCE Strongest Made**

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today

**COILED SPRING FENCE CO.**  
Box 20, WINCHESTER, INDIANA.

**DON'T RUST FENCE**

Galvanized so heavily can't rust. 40 Carbon Spring Steel. No agents. 30 days' free trial. Farm and Poultry Fence, Catalogue No. 67. 40 Styles Lawn Fence, Catalogue O. One or both free.

**THE WARD FENCE CO.**  
Box 20, Marion, Ind.

**When You Buy a Fence**

It's just common business sense to look for the fence that gives you the most for your money—the Anchor Fence will do it. Send for free fence book 12.

**Anchor Fence & Mfg. Co.**  
Cleveland, Ohio.

**DON'T RUST FENCE**

40 Carbon Spring Steel. Extra heavily galvanized. No Agents. 30 days' free trial. Farm and Poultry Fence, Catalogue No. 140. Also 40 Styles Lawn Fence, Catalogue O. Catalogue Free. Write for one or both.

**THE WARD FENCE CO.**  
Box 404, MARION, INDIANA

**MARTIN'S GRINDERS**

**Are The Grinders That Grind.**

The great grinding capacity of these grinders and their low cost makes it profitable to throw away your old grinder no matter what its kind, as others are doing and get one of these.

**SENT ON 10 DAYS' TRIAL.**

All Sizes From One to Sixteen Horse-power.

Send for catalog, state what power you have and mention this paper.

**M. R. MARTIN,** - St. Louis Park Minn

**BROOKS' NEW CURE FOR RUPTURE**

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No lles. Durable. cheap. Pat. Sept. 10, '01.

**SENT ON TRIAL.**

CATALOGUE FREE.

**C. E. BROOKS,** 3144 Brooks' Bldg., MARSHALL, MICH.

**CREAM EXTRACTOR FREE**

This is a genuine offer made to introduce the **PEOPLES CREAM EXTRACTOR** in every neighborhood. It is the best and simplest in the world. We ask that you show it to your neighbors who have cows. Send your name and the name of your nearest freight office. Address **PEOPLES SUPPLY CO.,** Dept. 150, - Kansas City, Mo.

**SORE EYES**

Strained, inflamed or diseased eyes, granulated lids, ulcers, cataract, bloodshot eyes, weak, tired or watery eyes, and eyes that ache, use Schlegel's magic eye lotion, a soothing remedy that cures quickly. Write today for free sample bottle and full information. Enclose 2c stamp. Address H. T. Schlegel Co., 1505 Home Bank Bldg., Peoria, Ill.

**TYPEWRITER**

FOR SALE—Several typewriters as good as new. Bargains for those who come first. Address, **Gilmere Co., 303 Locust St., Des Moines, Ia.**

**ADIES** to work on placework \$5 per dozen. All materials furnished; no extra charge. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

**OUR HOME DEPARTMENT.**

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

**WITH THE EDITOR.**

Since I began talking about social customs and proprieties here With the Editor, a variety of questions have been asked, a number of problems propounded. Some of them have been of little interest to the general public. These I have answered privately or consigned to the waste basket. Others, as will be seen from the letter which follows, are of profound public importance. In answering this letter editorially I hope to serve society at large as well as the individuals more intimately concerned.

You will pardon me for writing you, but your good, sound sense, as displayed in the Home Department, causes me to write you about something that worries me, and if you will kindly tell me what you think of such conduct you will do me a favor that I have no words to express. I know a married man—one who professes to be a Christian—who goes into the home of his neighbor, when the neighbor's wife is alone, and kisses her and has her with her head on his shoulder, maintaining that there is no harm in it. Now, I want your opinion about it and it will help me so much. I cannot help but think it is just here that the terrible affairs start which break up happy homes and make sad, broken hearts.

Let us squarely face the situation here described and endeavor to discuss it dispassionately, but first let us think a little about marriage and its ethics.

Through the long ages civilized peoples have evolved that idea of marriage which gives one wife to a man, one husband to a woman. From the pit of promiscuity, of polyandry, of polygamy, slowly, but surely the race has climbed to the plane of monogamy. Around this ideal of monogamous marriage there cluster some of the most beautiful things of life—it is the very foundation of society as at present constituted. To preserve it inviolate some of the noblest souls the world has ever known have drained Gethsemane's cup of anguish. It is a racial possession, a precious heritage entrusted to one generation to be passed on to the next. And it is at our peril, whether as individuals or as a nation, that we mar, defame or in any way de-face the sacred institution.

Monogamous marriage implies that there shall be absolute fidelity within the marriage relation. As Helena Ritchie learned with breaking heart, "When personal happiness conflicts with this ideal the right to claim such happiness is as nothing compared to the privilege of resigning it." Moreover the Great Teacher, He who saw to the very heart of things, dared to say in the hearing of all men:

Ye have heard it said by them of old time, that thou shalt not commit adultery. But I say unto you, that whosoever looketh upon a woman to lust after her hath committed adultery already with her in his heart.

Here is a married man (A), professedly a Christian (!) taking advantage of the absence from home of his neighbor (B), to visit his wife and kiss her as might a lover. Apparently Mrs. B. protests, whereupon A assures her that "there is no harm in it."

At first glance there would seem to be but two persons primarily concerned in this affair. In reality there are four, and indirectly it is of profound interest to the whole body politic.

When a man and woman enter the estate of matrimony they assume the most solemn obligations toward each other. Henceforth, through poverty or wealth or good or ill "until death do them part" they are pledged to love and serve and cherish each the other. So close is this union that it is written "They twain shall be one flesh." Mr. A's life is interwoven with that of Mrs. A. Mrs. B's with that of Mr. B's; the success and the failure, the happiness and the misery, the honor and the shame of the one are those of the other also.

Sometimes the most effective method of considering a moral problem is to take a prosaic, material view of it. Suppose just as A was kissing Mrs. B he should see Mrs. A looking in at the window and at the same instant Mr. B should walk into the room! The scene may be better imagined than described. Of one thing we may be very sure, two seconds after B's entrance A would not have breath enough left to protest "there is no harm in it," and if he did not limp away as sore as was Falstaff after Ford's cudgel had been laid about him it would be because A choked him out into insensibility and then kicked him out. It may be laid down as an absolute

**GIVEN THIS 31-PIECE BREAKFAST SET AWAY**



**Flowers in Natural Colors--Designs in Gold.**

We are giving away these handsome 31-piece breakfast sets to advertise our house. Each set consists of 6 plates, 6 cups, 6 saucers, 6 fruit or oatmeal dishes, 6 butter plates and 1 meat platter. Every piece full size and each one decorated with wild roses in their natural colors, and artistic designs traced in gold. Complete set free to anyone who will sell 12 of our large, handsome, many colored, 16x20 inch pictures at 25 cents each. We send pictures all charges prepaid and trust you with them till sold. Our special plan will do all the work for you. Send no money in advance. We guarantee our pictures to be fast sellers. If not, they can be returned at our expense. We also give away watches, rings, silverware, etc., if you do not care for dishes. Send for 12 pictures to-day. Sell them at 25 cents each, send the \$3.00 to us, and we will ship your dishes at once. We are an old established concern incorporated under the laws of Illinois. We refer you to any bank or business man in Elgin. They will tell you we do exactly as we say we will do. Write today. Your breakfast set is waiting for you. Address,

**A. M. PHILLIPS, Promoter, Box 118, ELGIN, ILLINOIS**

**TENTS TO RENT**

FOR STOCK SALES, ETC.

MANUFACTURERS of all canvas goods, also Slickertine, a waterproof dressing for all canvas goods.

**Peoria Tent & Awning Co.,**  
Peoria, Illinois.

**Page Fence Springs Back**

The first illustration shows a large tree across a stretch of Page Fence on which the posts were two and a half rods apart. When the tree was sawed up, the fence sprung right back as good as before, as shown in second illustration. You can't break or stretch Page Fence. It's made of high-carbon, double strength spring steel wire. Write TODAY for more reasons.

**PAGE WOVEN WIRE FENCE CO.**  
Box 778, Adrian, Mich.

rule that conduct which a husband or wife would prefer the other should not know of is wrong for them whether or not it be wrong in itself. In this case the wrong is unquestionable. A husband's lips belong to his wife. When he secretly kisses another woman he robs her and at the same time sins against himself. A woman's lips belong to her husband. When she yields them to the touch of another man—as does the woman of our letter—she robs her husband and commits a crime against herself; and the whole fabric of society is jarred by the secret falling away of the disloyal couple.

It may be said that these two are not bad, consciously bad at least. They may be unhappily mated, heart hungry and disappointed. God pity them and save them from the abyss towards which they are surely drifting.

**HOME AND HOMEMAKING.**

**LITTLE HELPS BY THE WAY.**

Build as thou wilt, unspoiled by praise or blame;  
Build as thou wilt, and as thy light is given;  
Then if at last the airy structure fall,  
Dissolve and vanish, take thyself no shame.  
They fall, and they alone, who have not striven.

—Thos. Bailey Aldrich.

Harbors of beautiful achievement are never reached by those who drift carelessly and indifferently. The worthy ports of life are reached only by captained lives. No man can safely trust himself to the shifting

**Gold Watch FREE AND RING**

We positively give both a Solid Gold Ladies' Watch and a Solid Gold Ring, highly engraved and fully warranted timekeeper equal in appearance to a Solid Gold Watch; also a Solid Gold Ladies' Ring, set with a Famous Congo Gem, sparkling with the fiery brilliancy of a \$50 diamond, for selling 20 pieces of handsome jewelry at 10c each. Order 20 pieces and when sold send us the \$2.00 and we will positively send you the watch and ring; also a chain, Ladies or Gents style. **ALTON WATCH CO., Dept. 181, Chicago.**

breezes unruddered or unplotted. Life's grandest havens are possible only to those who will study the charts of life and keep a firm hand on the helm of their purpose.

**CULTIVATE YOUR LUCK.**

To all men and women seeking for positions of any kind let me say this: Sit and walk erect, with your shoulders and hips and head in a line and your solar plexus lifted. Keep your chin away from your throat. Look squarely at life.

Walk with a firm, quick step. I do not mean that you should hurry, but do not let your feet drag or remain long on the ground.

When you sit down sit in an expectant and hopeful attitude. When you listen, listen with eyes and ears. Look interested. When you start to go, act as though you had a goal before you. When you begin any task, no matter how trivial or temporary, go about it as if it were the most important thing on earth. Get it done. When you talk try and put some life and force into your voice. Speak from the chest.

All these efforts will help you to success. All these habits will help your mind. It is a curious thing how the body and mind react one on the other. If you sit before the mirror and frown for ten minutes you will begin to feel croak. If you sit and smile you will soon feel your heart growing merry. Train your body and your face to be



alert, hopeful and energetic, and luck will come to you ten times where it would come once to the despondent and drooping-visaged mortal.

I heard of a young girl who came to New York to find work and had a most remarkable run of good fortune befall her. Her first effort was successful and she left that position to fill another that offered twice the salary.

"Born to luck," a friend said to me. Afterward I met the girl. She came on an errand. It was a day of rain and wind, but she blew into the room like a sunbeam and a summer breeze in one. She walked as if there were springs under her soles. She radiated light and cheer. She went directly to the object of her visit, made her errand known in a few concise, clearly spoken words, and went away, leaving me with the feeling that some vital part of the world's mechanism had passed before me. No wonder she is lucky. But her luck lies in herself. If we are not born with it, let us

cultivate it. We can.—Ella Wheeler Wilcox.

Mrs. Slimson—"Here, Willie; while I am away I am going to give you the key to the pantry just to show you I can trust you."

Willie (proudly)—"I don't need it, mamma; I can pick that lock any day."

A mother told her little boy, who had been naughty, that she would have to punish him, but that she would consider how until next morning. Then she talked to him of God and said that God would punish him, too. She did not know how, but the punishment was sure to come. The boy, in a conciliatory tone, replied:

"I'll tell you what, mamma! Never mind about punishing me. Leave it all to God."

#### THE COOK.

In summer or in winter  
It's always just the same,  
The honest cook's entitled  
To praises and to fame.  
She makes such fluffy pancakes,  
And fries potatoes down  
In butter till they're crispy,  
The most delicious brown.  
Her juicy steaks are tender,  
The raisined rice is done,  
And if you watch her system  
You'll think that cooking's fun.  
Fresh fruit is served in season.  
The fish is rich and sweet;  
To dine beside her table  
Is indeed a wholesome treat.  
Wife of cross, ill-natured husband,  
Would you change his scornful look?  
Come and take a course of lessons  
From this honest skillful cook.  
—Irene Davis.

#### HOUSEHOLD NOTES.

Keep a small box filled with quicklime in a pantry and cellar; it will keep the air dry and pure.

In order to have potatoes, always white, the kettle in which they are cooked should never be used for any other purpose.

The waxed lining paper to cracker boxes is excellent to wrap lunches in. It is very good to clean flat irons with also.

If salt is sprinkled over the range before frying is commenced there will be no disagreeable odor if the fat spatters over.

A teaspoonful of sugar added to the water for basting roast beef will give a rich brown color as well as a fine flavor.

If cooked meat is ready for table before it is required, place it on a dish ready to be served and set this over a pan of boiling water, says Tit-Bits. Put a dish over the meat and a cloth over all. The steam will keep the meat hot for a long time and does not draw the gravy out or dry it up, as would happen if it were set in an oven.

If a lamp should be overturned, do not attempt to put out the flame with water, for it will simply spread it. Instead, throw down flour, sand, garden earth or salt, any of which will have the desired effect.

If the upper inside edge of the pan is well greased with butter, chocolate, milk, cocoa, or anything of the kind will never boil over.

Make a pad of double-faced cotton-flannel a little larger than the dining table and use under the table cloth. The cloth will look better, wear longer and the sound of the dishes be deadened.

#### AMONG OURSELVES.

It always pleases me when someone brings something a little out of the ordinary for the good of this circle. I have great pleasure in introducing Miss DeVaul:

I enjoy the meetings Among Ourselves very much. I think they are growing better every week. There are so many subjects under discussion that I am almost afraid to suggest something new, but we need variety, and as mine is something entirely different from what we have ever had I will venture to lay these suggestions before the circle. Now, why can't we have a poetry meeting? Let everyone that will send in some good piece of poetry and comment upon it. Surely, everyone can find some little piece of poetry that would be helpful to us. Couldn't we devote an entire meeting to this? I send a poem, "The Two Seekers," which Mrs. Walker may use if my suggestions meet with the approval of the circle.

#### THE TWO SEEKERS.

Two men went seeking happiness—  
One walked the roadside way  
And looked with all his longing eyes  
Within each garden gay.  
Where'er he saw it growing  
He tried to grasp its flower,  
But always in his clutching hand  
It died before an hour.  
Till, angry and despairing,  
In bitterness he cried:  
"Others are given happiness.  
To me it is denied!"

The other looked around him.  
"Since happiness is found  
In other people's gardens,  
Why not within my ground?"  
He dug, and plowed, and planted,  
And with a careful toll,  
Where it was rough and stony,  
Enriched each inch of soil,  
Until with crowded blossoms  
The little plot o'er ran.  
"How simple 'tis," the owner cried,  
"To be a happy man!"

I have read of a picture in the art museum in Berlin entitled "The Chase After Happiness." A rider rode upon a bridge which led to happiness in the distance, pictured upon a soap bubble. Happiness was depicted as a beautiful, sensual woman from whose vesture fell gold pieces. She held a crown in her hand upon which the rider's eyes were fixed. But not his eyes alone; his whole reaching figure, the outstretched right arm, the eager, extended hand, the far-reaching horse, all representing a picture of fearful, consuming passion. A noble, womanly figure had thrown herself in the way, in vain! He did not heed her, but rushed on madly in pursuit of deceiving "Happiness." But the wild man shall not attain it. Beside him, distant but a few inches, rides Death, whose grasping hand will more certainly seize the hunter than he the distant prize.

### Send your HIDES to BAYER TANNING CO.

to be tanned for Robes, Coats, Rugs,  
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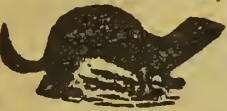
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and SHIPPING TAGS. : : COATS, ROBES and FUR GOODS MADE TO ORDER  
JACOB HOLZ, 1003 No. 16th St., Omaha, Neb.

One step farther, the bridge ends in a trail  
rather; horse and rider will be plunged into  
the abyss. Smiling "Happiness," however,  
remains calm, only to allure many others  
to venture and to lose.

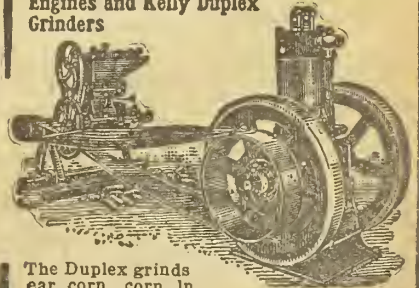
The verse and the story of the picture  
complement each other very nicely and  
convey a lesson we all need more or less.  
Our thanks are certainly due Miss De  
Vaul for introducing what should be a  
pleasant and profitable innovation. Who  
comes next?

Matters pertaining to the heart and  
the home are the peculiar province of  
this circle. Many of them we have dis-  
cussed time and again. The one June  
Bug brings for our consideration has not  
received attention heretofore:

As the editor invites us American-Canadi-  
ans to write I thought I would just bring  
up a subject. What do the sisters think  
about young girls marrying old men? For  
me I say no, under any circumstances, no.  
Young girls, take heed from one who speaks  
from experience. Don't marry a man, say  
ten years older than yourself. You will  
perhaps say, "Why?" Well, for this reason:  
He does not see things in the same light  
you do. He has had his day and thinks  
your ideas and thoughts are childish. I have  
heard it said years ago, "Better an old man's  
darling than a young man's slave," but,  
girls, don't let that turn your head, for  
nine out of every ten of those old men  
marry to get a housekeeper and chore boy, or

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ear corn, corn in  
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for free descriptive catalog, showing our  
full line of engines and seven different  
sizes of mills. The engines are shipped  
all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.  
DEPT. B, IOWA CITY, IOWA.

chore girl. I, for one, would rather see my  
girls in their coffins than married to old  
men. Now, one thing more: Would someone



give a remedy for what is called a chronic crank—one that would find fault with the angel Gabriel, if he got the chance? I say "Amen" to Mother Matilda in regard to children being kept out of school; keep them in school all you can. It is nothing but robbery to take children's school time from them.

Well, what do you think, friends? In your judgment, is it well that June and December should wed? Is ten years too much difference between the ages of husband and wife?

The subject of child training is one of perennial interest. We discuss and discuss and yet so many-sided is the subject that there seems always something more to be said. Mrs. S. S. P. brings some thoughts for parents today as does also "A Young Mother":

I wish to speak of children's early training. We cannot begin too soon to teach them obedience and the keeping of themselves neat and clean. When they come in from play and remove their wraps, see that they hang them up instead of throwing them on a chair or the floor; also that they put their playthings in their proper places when through with them. Nothing sounds sweeter from little lips than "If you please," "Thank you," "Yes, ma'am," etc. Another thing—I think the care and responsibility of raising a family should rest as much with the father as with the mother, which is not always the case.

It means work to bring up children. They will dirty up the floor when they eat lunch, but train them to sit down while they eat, and never to eat in the best room. Teach them it is their home. My little darling, who is not three years old, will wipe up water if she spills it. I give her a cloth and show her how. She sweeps up the crumbs she scatters, with her little broom. I help her and show her how to clean up her own mess. She likes to cut up paper. I let her sit on her stool beside the wood box or some such sort of thing and let her cut it in the box. If she gets any on the floor she must pick it up. Of course if she makes a fuss and has very much on the floor I help her some and encourage her to keep at it until it is all up. So she finds it easier to sit beside the box and cut paper in the box than picking it up. Teach them to like clean clothes and keep them clean. Save yourself all the work you can by preventing the cause. How

shall we correct children? How I have wondered about it myself. When I come to occasions when I know not just what is best I take my darling in my arms, talk to her, and pray as never before for wisdom. We have God's promise for wisdom if we ask Him for it.

What Mrs. S. S. P. says about the father's duty and responsibility is something which should be said oftener. In the city where fathers leave home early and return late they are more or less compelled to depute some of their duties to the mother. It is different in the country and there the father should do his share if the children are to be adequately trained.

During the years that I have been hostess in this Home I have come into very friendly relations with some of its members. The letter which we are to have from "A Young Kansan" bears evidence of this personal friendliness. Usually writing to a newspaper circle the writer is more or less restrained and self expression is to that extent limited. In this letter I fancy we get the full, frank and free opinions of the writer:

I was much interested in the letter of "A Bachelor," but I was also much amused thereat. I don't believe, between me and thee, or rather thee and me, that he has had much experience with girls. I do not pose as a judge or anything of that sort, but you know that when a girl is with him, no matter how much she has broken over the bars of the correct attitude, she will be as stiff and proper as his heart could wish. Like you, I am more puzzled with the "way of a maid with a man." I, as you know, live in a southern neighborhood. The girls are as pretty and well behaved as one could wish for, but yet their natures are of a warm, passionate cast, and they do not stop to think, or rather do not think, that it is anything out of the way to allow the young men who are waiting on them to kiss them or to return the salutation. While I do not think it is right, I must confess that not one of them since coming here has ever gotten into trouble, nor do the young men object to marrying girls that have received the embraces of their previous suitors. Indeed they take it as a matter of course. One cause of these actions is the current fiction that is read. They pose as being opposed to this sort of thing and yet our stories are full of the kissed heroines. These same girls make the best of wives, true, self-sacrificing, hospitable. I don't know what we would do with chaperones down here. Banish them, most likely. We think nothing of taking a girl three, five or even ten miles alone after night.

The state of affairs alluded to by our young friend is, I fear, not as uncommon as might be wished and this fact makes it a little hard for those who wish to observe the proprieties. If Mrs. Smith allows her young daughter to take night drives alone with a young man and to occupy the parlor without other company until the wee sma' hours, Mrs. Jones' young daughter is apt to feel abused if she is denied similar privileges; and Little Miss who declines to grant good-night kisses to all and sundry is not unlikely to be dubbed Miss Propriety or "Prunes and Prisms" by Miss Free-and-Easy and also by young men who ought to respect her for her good breeding.

But, as Oklahoma Girl comes to say, there is more than good taste involved in these things:

I wish to add a few words on the subject of "fallen girls," which has been up for discussion Among Ourselves for the past few weeks. I agree with Miss Modesty as to men being more to blame in most cases than girls. If men had to bear their share of the disgrace there would be fewer fallen girls. And if girls took "Illinois Bachelor's" advice there would be fewer still. But I do not think "Illinois Bachelor" does just right in tempting girls to permit him to kiss them. I think there are other ways in which to determine a girl's character; if there were not, his models would be all hopeless old maids, for they would not wish to marry a man that would request them to kiss him. An "Iowa Maiden" says that "a kiss is often the first step to destruction." I think that is right. If a young lady permits a young man to kiss her once she will permit him to be more familiar next time, so she sinks lower and lower. Some girls will say, "Oh, it will make him mad if I don't kiss him." Well, just let him get mad and go. There are other men who will respect you more for so doing and will not require such a thing as a good-night kiss when in company with you.

Next week we shall have further discussion along this line. One of those taking part will be "A Twentieth Century Bachelor."

#### Dressmaking and Millinery. No. 552.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

In looking after the necessities of the wardrobe for the various members of the family one item must never be overlooked, and, in fact, it is an item that needs to be many times multiplied, and that is the matter of aprons. It seems one can hardly provide too many of these, and they must be for the various ages and sizes of the members of

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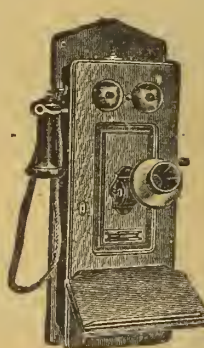
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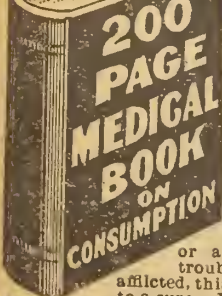
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THE OHIO CARRIAGE MFG. CO., Station 31, Cincinnati, O.

**The Famous "SPLIT HICKORY"**

the family who wear them, and also they must be in the various modes and of a variety of materials, such as will adapt them to the requirements.

The all-over apron is a universal favorite and needs no "good word" said for it. It is recognized as a necessity, and there remains only the question of pleasing or suitable designs. Quite a new one in this line for the women of the household is that pictured in No. 5470. This is a square-yoked work apron, having full-length sleeves finished with deep cuffs. The yoke may be cut square at the neck or it may be finished to fit up closely and have turn-over collar. There is only slight fullness in the skirt, as superfluous material in such a garment would make it a burden in the wearing as well as in the laundering. Usually the material selected for such an apron will be calico, percale or gingham, but even

lighter weight fabrics may be used with equally good results, and with a semi-dressy effect. Some simple changes may be made in the garment, as the lengthening of the sleeve so that only a wristband finishes it at the bottom, or even a casing having elastic cord run in may adjust it. If it is liked the fullness at the back may be held in by means of a band that crosses from the under-arm seams, or, in fact, the band may encircle the waist, being slipped through openings at the under-arm seams, passing beneath the front of the apron, and buttoning at the center back outside of the backs of the apron. In this case the band should be stitched in place at the openings. Pattern No. 5470 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure. Give size when ordering pattern.

For the wee tots and the girls of school age I have seen nothing nobbler, and at the



same time more serviceable, than the one-piece apron shown in No. 5463. There is but one seam in the garment, and that is at the



[5470—Square Yoke Work Apron, 32 to 42 bust]

under-arm. It is such a plain and simple little design, and yet one can readily see how it may be elaborated by the use of trim-



[5463—Girl's One-Piece Apron, 4 to 10 years.]

ming, or even by varying the shape. Frills of the material or of lace or embroidery may be used about all the edges. Bands of insertion or of contrasting material may be applied, and when the latter is used,

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stitching will add to its effectiveness. There are fancy cotton braids that may be used and these may be put on plain or in a design. For a very dressy apron in white in some sheer material apply bands of open-work embroidery or lace insertion a little space from all the edges, and cut away the material from beneath. Then edge with lace or embroidery to correspond. For colored aprons for home or school wear a bias band of plaid on a plain material or even one that has small figures is effective and this, you know, is one of the most fashionable trimmings. Pattern No. 5463 is cut in sizes for girls of 2, 4, 6, 8, 10 and 12 years of age, (although 2 and 12 are not given in the sizes beneath the picture). Give age when ordering the pattern.  
Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

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Whole Foot Nothing But Proud Flesh—  
Had to Use Cuticura—“Cuticura  
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“In the year 1899 the side of my right foot was cut off from the little toe down to the heel, and the physician who had charge of me was trying to sew up the side of my foot, but with no success. At last my whole foot and way up above my calf was nothing but proud flesh. I suffered untold agonies for four years, and tried different physicians and all kinds of ointments. I could walk only with crutches. In two weeks afterwards I saw a change in my limb. Then I began using Cuticura Soap and Ointment often during the day and kept it up for seven months, when my limb was healed up just the same as if I never had trouble. It is eight months now since I stopped using Cuticura Remedies, the best on God's earth. I am working at the present day, after five years of suffering. The cost of Cuticura Ointment and Soap was only \$6; but the doctors' bills were more like \$600. John M. Lloyd, 718 S. Arch Ave., Alliance, Ohio, June 27, 1905.”

### A MAMMOTH NEW INDUSTRY FOR KANSAS CITY—ITS OUTPUT TAKEN A YEAR IN ADVANCE.

This periodical takes pleasure in calling the attention of its readers to the full page advertisement of the Crude Oil Power Company, which appears on page 15 of this issue. A reporter for this paper, in order to verify the statements of this company, visited its offices and lands and finds that located at the junction of the Missouri Pacific and Mexico & Orient belt line railways on a five and one-half acre tract of land in Kansas City, Kan., a company called the Crude Oil Power Company is, by the expenditure of upward of \$200,000, establishing in



E. E. RICHARDSON.

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Kansas City an industry that will prove a most valuable acquisition to the large number of manufacturing industries already located here. The Crude Oil Power Company will, however, occupy among them a unique place, as the company proposes to manufacture an engine that will eventually supersede all engines now operated by gasoline, alcohol, naphtha, and in some instances by steam. This remarkable invention uses, as the name of the company implies, ordinary crude oil as fuel. The company claims to

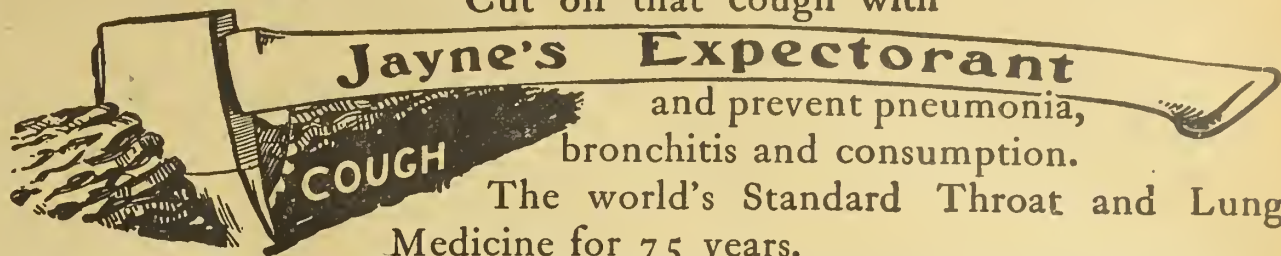
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## Purinton Steam Feed Cooker

Quick and Economical.

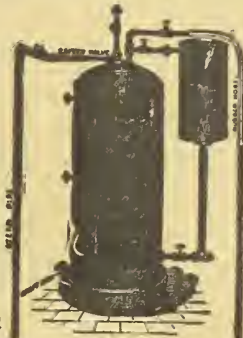
Free Trial Offer.

Oldest and most successful feed cooker on the market. Gets up steam quickly.

**Takes Little Fuel**  
and is Absolutely Safe.

Use wood, cobs, coal or anything burnable.

Provided with supply tank for refilling while steam is up, and double jointed cooking pipe which can be put into barrels around boiler without unscrewing.



We are so sure of the merits of our cooker that we send it out on

**A Week's Free Trial,**

without signing of notes or other obligations, to be paid for if it proves satisfactory.

If we hadn't the utmost confidence in our boiler we couldn't afford to do this.

Made in various capacities to suit all requirements.

Send for catalogue today.

CRESCENT FURNACE & FOUNDRY CO., 604 Madison Street, Des Moines, Iowa.



### WHEN BUYING A CORN SHELLER

Insist on Clean Shelling, Thorough Separation, Large Capacity and Lasting Qualities. These are Distinctive Features of

## The NEW HERO

2-hole and 4-hole Custom and 2-hole Farmers' Positive Force-Feed Shellers

They have Chilled Working Parts and other points of strength and convenience. We make Horse Powers, Wood Saws, Huskers, Farm Trucks, Manure Spreaders, etc. We guarantee our Goodhue Wind Mills for five years.

**APPLETON MFG. CO.,**

39 Fargo Street, Batavia, Ill., U. S. A.



SMOKE YOUR MEATS IN THE NEW WAY, USING

## WRIGHT'S CONDENSED SMOKE

A liquid made from hickory wood. Imparts the delicate flavor that is peculiar to meats smoked with hickory wood. **USED BY APPLYING THE CONDENSED SMOKE WITH A BRUSH.** Send 10c and names of five who cure meat and we will mail you sample free. Sold only in square quart bottles with metal cap. Never in bulk. At druggists, 75c per bottle. Bottle smokes a barrel on curing meats. **BE SURE TO GET Wright's Condensed Smoke.** Made by THE E. H. WRIGHT CO., LTD., 109 W. FOURTH STREET, KANSAS CITY, MO.

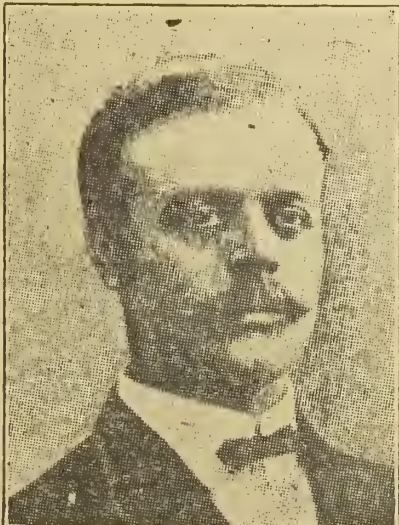


WE BUY

## FURS AND HIDES

Obtain 10 to 50% more spot cash for RAW FURS, CATTLE and HORSE HIDES by shipping to us than selling at home. Write for Price List, market report, shipping tags. **\$5000 BOOK Hunters' and Trappers' Guide** BEST thing ever written, illustrating all fur animals, 450 pages, leather bound. All about trapping, kinds of traps, decoys, trappers' secrets. Price, \$2.00. To our shippers, \$1.25. Hides tanned into beautiful robes, also other tanning. **ANDERSCH BROS., DEP. 10, MINNEAPOLIS, MINN.**

produce as much power from a barrel of crude oil as can be produced from a barrel of gasoline. Inasmuch as a barrel of



MAJOR F. C. VINCENT.

Fiscal agent of the Crude Oil Power Company, formerly officer of the United States Army, and successful organizer and financier of many of the largest industrial propositions in the middle West.

gasoline costs about \$6.50 and crude oil only about sixty cents per barrel, power can be

generated by this crude oil engine for about 10 per cent of the cost of operating a gasoline engine. Another, and perhaps more important invention will be manufactured by this company. It is called the portable refiner. Its inventor and the company claim for it that it can be attached to the pumping apparatus at the oil well, no matter how great or small the flow of oil, and that it will refine the crude oil as it flows from the well. This latter invention should prove a veritable boon to the independent operator, for it will enable him to refine his own product and market it, the company says, at 50 per cent less cost than by any other method of refining oils. At present Kansas City has no manufacturers of cast steel and malleable iron castings. Heretofore all such products were purchased in Chicago or St. Louis and as the eastern factories were generally from six to eight months behind with their orders, Kansas City users of this material have been greatly inconvenienced and forced to pay extraordinary large prices for same. The Crude Oil Power Company is building an up-to-date, first-class foundry for the manufacture of cast steel and malleable iron castings and by so doing is filling a long-felt want in this community. The company is already assured of orders that will tax the full capacity of this department of its works. The Crude Oil Power Company will undoubtedly be of great benefit to this community. Kansas City needs industries of this character. The officers of the company are: President, G. W. Fitzpatrick; vice-president, E. E. Richardson; treasurer, W. C. Howe; secretary, A. A. Oshorn. Mr. F. C. Vincent is acting as financial agent for the company, and is in charge of the offices. When this paper goes to press the company's Kansas City plant will probably have commenced operation. In justice to its readers it is the policy of this paper not to accept advertising of this character, without first thoroughly investigating the legitimacy of the enterprise. This paper is personally acquainted with the officials of the Crude Oil Power Company, and does not hesitate to give this enterprise its fullest endorsement and co-operation.



## ADDITIONAL FIELD NOTES.

## LAST CALL FOR ROWE'S BRED SOW SALE.

We wish at this time to call special attention to the bred sow sale of Mr. J. E. Rowe, of Stockham, Neb., on January 21st. Mr. Rowe, although a very young breeder, has produced some of the very good show stuff that has been exhibited at the state fair in the last two years. We can say that we have just recently had the pleasure of visiting this good herd and found a very top-notch bunch of sows to go in this auction. There will be included in this sale three daughters of Middle Rose Lady, the first and sweepstakes sow at the Nebraska State Fair this last fall. She is surely a grand individual and her produce in the sale bids fair to make as good individuals as their dam, one of them being a winner at the last Nebraska State Fair and bred to Billy Medoc for an early March litter. There are also three daughters of Rose Bud Queen, she by Proud Advance. The gilts in this sale are mostly of early farrow and bred to J. P. Advance, a son of Jumbo Paymaster and Billy Boy by Billy Medoc, two very promising young boars. Among the gilts are six daughters of Banker Lady, the sow that produced two of Mr. Rowe's show sows this fall, both of them being winners at the Nebraska State Fair last fall. Most of the aged and yearling sows are bred to Sir Leicester, the hog that has produced a greater part of Mr. Rowe's show herd, others are bred to Billy Medoc by Medoc. This hog is one of the most promising young sires doing service today, and you will surely like his produce when you see them sale day. Parties wishing to attend this sale can easily reach Stockham from Hastings or Harvard on morning of the sale, or go to Aurora on Sunday evening, where you will be taken care of and find free conveyance to the sale on Monday morning. Send for a catalog and arrange to attend the sale. When writing, please mention The Homestead. See advertisement on page 42.

## BUDDY K. IV. SELLS AT AUCTION FEBRUARY 6TH.

The only reason that Ed. A. Baxter would ever part with Buddy K. IV. is that he is going to quit breeding Duroc Jerseys. The writer, representing this paper recently inspected the herd of Mr. Baxter at Pawnee, Ill., and wishes to state for the benefit of our readers that the lot which will be offered to the public is one of the best that the breeders will see this season. There are many sows which would not be priced, let alone sold, were it not for the fact that Mr. Baxter is absolutely closing out his herd. There have been sales that were advertised as closing out sales where the breeders had no idea of quitting the business, but this is not the case with Mr. Baxter. He has assured the proprietor of this paper that he means to sell everything he owns in the Duroc line, and told a representative of this paper that his breeding crates, self feeders, of which he has four, and other property connected with his hogs would be for sale. Sixty-five head have been cataloged. They include twenty-two brood sows from one to three years old that have been regular producers, many of them having raised two litters. The spring gilts are good ones and those not related have been bred to Buddy K. IV. This is the case with all the sows in the herd. Those not related have been bred to Buddy K. IV. This noted sire and show-yard winner will be sold at auction to the highest bidder without reserve of any kind. No matter at what price he sells he goes. The breeder in search of a herd boar, one that has given to the breed hogs and sows fit to win ribbons in the strongest shows, and to be used at the head of some of the best herds of the breed, cannot afford to miss being present on sale day. The man who is fortunate enough to secure this boar will never regret it. The catalog which Mr. Baxter has just issued, will show the breeding and families represented in this offering. It should be in the hands of every breeder of Durocs and will be sent free to those who write for it as per the announcement on page 25 of this issue. Plan to be present at Pawnee on Wednesday, February 6th. Those coming from the sale of Messrs. Fagan Browning & McCahe, stop at St. Nicholas' Hotel, Springfield, Ill., at Mr. Baxter's expense. Can leave in the morning and be in plenty of time for the sale. Kindly mention this paper when writing.

## GRIFFITHS' DUROCS AT AUCTION.

Every breeder of Duroc Jerseys is invited to be present on January 31st at the Duroc Jersey sale of Mr. H. B. Griffiths, of Bowen, Ill. The offering which Mr. Griffiths is making on the above date should attract the attention of every breeder who is in search of well bred stock. Those who have paid attention to the reports of the fall sales have no doubt noticed that Mr. Griffiths has been a liberal buyer of the best sorts. Individually and in point of breeding the offering is a superior one. The three herd boars in service at Suburban farm are Top Notcher Chief, Fancy Orion Chief, and Helen's Tip Top Notcher 2d. Top Notcher Chief was sired by Top Notcher Again and was Junior Champion boar at the World's Fair. He was used with much success in the herd of Messrs. Johnston Bros. & Newkirk, from whom Mr. Griffiths purchased him at a long price. His get have been good producers and have elicited favorable comment in many herds. Several of the sows which go into the sale are bred to this noted boar. Fancy Orion Chief is an exceptionally good rearing son of Orion II, he by Orion and his dam was a daughter of Chief Surprise, he by Chief of Ohio, a litter brother to Ohio Chief. At eighteen months of age Fancy Orion Chief tipped the beam at 700 pounds. The breeder who wishes to add size with quality to his herd should secure one of the good sows bred to this boar. Helen's Tip Top Notcher 2d is a litter brother to Helen's Tip Top Notcher, the highest priced Duroc Jersey boar ever sold at public auction, now owned by Messrs. McNeill Bros., of Bowen, Ill. This boar is out of Helen Blazes, the dam of the highest priced litter ever sold at auction, and his sire is Tip Top Notcher, the grand champion boar at the World's Fair. We wish to call attention to the splendid blood lines represented in the offering. Daughters of

## LANDS AND HOMES FOR SALE

## 44,000 ACRES—A CERTAINTY

THAT the principal in an investment is absolutely secure is of supreme importance. A certainty that you will gain by the investment is very agreeable. I offer both certainties. I will sell 44,000 acres of land in South Missouri, at \$1 an acre. Every acre in blue stem prairie grass from knee to waist high. Some scrub corn, wheat, oats, timothy or clover in great abundance, and can be cultivated to best advantage. There are 19,000 acres too rolling to plow, but is best grass and fruit land. In its present condition, if fenced, it will pasture 15,000 head of cattle. Near to county seat and railroad station. Abundantly watered by limestone springs and branches. An extraordinary investment for a cattle company. One acre of this land will grow as much grass as ten acres in Western Kansas or Western Texas, and it is in a better climate. The best chance for any investor. It will enhance in value 500 per cent in less than ten years. Why is it man with money gets the good things. He will take this.

J. H. LIPSCOMB,

306 Fidelity Trust Bldg.,

KANSAS CITY, MO.

## FOR SALE.

A "JO DANDY" farm, as good as there is in the state of Iowa; located in Kearsage Township in Monona County, five miles from Onawa, the county seat, two from Turin, both good railroad towns. Good farm house, about six rooms, brick foundation, cement cellar; large barn, nearly new, with brick foundation; ample cribs, bins, sheds, hay scales, good wells, windmill, etc. All buildings well painted and in good condition; the soil is a very rich and dark loam, no rocks, no sand, lies nearly level, and is easily worked. About 300 acres are under cultivation, and except 15 acres in good timber along the Little Sioux river on west boundary line, the remainder is splendid land; all told there are 667 acres. For stock or grain the farm has no superior. It is well fenced and will sub-divide nicely. Will sell 300 acres, including the improvements, at \$75 per acre. On balance of the tract, 267 acres, partly cultivated and partly raw land, will make fair price. Terms reasonable. Photographs of the buildings sent on request. Address the owner.

Z. T. LINDSEY, - Omaha, Neb.

## BIGGEST BARGAINS EVER KNOWN

## IN SOUTHWEST MISSOURI NEAR ELDORADO SPRINGS, CEDAR CO., MO.

40 Acres, \$20.00, nice little home.  
500 Acres, \$20.00, stock farm.  
600 Acres, \$20.00, grain and stock farm.  
600 Acres, \$20.00, grain farm.  
240 Acres, \$20.00, grain farm.  
80 Acres, \$20.00, new improvements.  
155 Acres, \$20.00, grain and stock farm.  
140 Acres, \$20.00, grain farm.  
320 Acres, \$20.00, grain farm.  
All these farms are improved. Terms, 1/4 cash, balance on or before five years, 6% interest. I own these farms and must sell.

GEO. H. GALLUP, 1420 Grand Ave., Kansas City, Mo.

## FOR SALE

## ON TIME AT 5%

4,590 ACRES, alfalfa, corn and wheat land; lies in a body 40 miles northwest of Kearney; will sell all or part of this land for what it is worth. I will not trade for any real estate but would take mortgage against your real estate as part pay and give 5 or 10 years' time on balance at 5% if deal suits.

G. L. Crookham, Kearney, Neb.

## WANTED

## "OUT THEY GO" AGENTS

TO go to southwestern North Dakota to see our 80,000 acres of land at \$17 an acre, yielding yearly as much. Free fuel; no shortage of coal in southwestern North Dakota, the land of sunshine and big crops. You should go out and talk with our satisfied farmers. Reliable agents with business initiative, sense and hustle and keen, intelligent, up-to-date farmers wanted to sell our lands. Two new railroads building. Maps and facts for the asking. Wm. H. Brown Co., Mandan, No. Dak. or 131 La Salle St., Chicago, Ill.

## Want A Farm-Home?

NOW is the time to get it. Investigate Meadowlands Settlement, 45 miles from Duluth, in Saint Louis county, Minn. Prices right. Terms, \$1 per acre down and balance in fifteen years' time. Good soil, water, etc. Railroad. For full information write Land Commissioner D. & I. R. R. Co., 525 Wolvin Bldg., Duluth, Minn.

## MISSOURI BARGAIN.

193 acre grain and stock farm within one mile of Macon, a town of 6,000. Good improvements; will be sold at a bargain before February 1st. Long time given and easy terms. Write W. P. & F. A. Blackford, Hillsboro, Iowa.

## FOR SALE

MY fine farm of 480 acres, located in Buffalo county, near one of the finest farms in the state. Price, \$60 per acre. Half cash. This price good 'till February 15 only. Address the owner, W. H. Grassmeyer, Riverdale, Neb.

320 ACRES Rich Kansas Wheat, Corn, and Alfalfa land, 5 miles from good railroad town. Fine water. Nothing better in the market today. If you want the best, this will suit you. Price, \$15.00 per acre. Easy terms. Howell Realty Company, 310 Shukert Building, Kansas City, Missouri.

IF YOU WANT TO BUY, sell or trade a farm copy of the Farmers Want Journal, Dept. 51, Kansas City, Mo. It gives names of owner and description of 500 to 1,000 farms for sale and trade and what others want to buy.

FOR SALE OR RENT: Good improved 300 county, Missouri; good 246 acre farm in Mercer county, Missouri. Might take part in other property. Send for pictures and description, Box 151, Independence, Iowa.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

COME SOUTH where the sun shines, crops and opportunities are big, and LAND CHEAP. Southern Agriculturist, Nashville, Tenn., the guide to Southern farming, answers questions. Send 10c for three months' trial.

We Will Pay Men \$85 Per Month to travel, collect names, advertise and give away samples. Expenses advanced. Write today. H. M. Rider Co., Chicago

FOR SALE—437 acres improved land in Bottineau county, North Dakota. For particulars inquire of J. A. Horne, Penn, N. Dak.

Top Notcher Chief, Kant Be Beat, Advancer, Hanley, Big I Am, Tip Top Notcher, Ambition, Buddy K. IV., Gold Cloud, Mayor Jr., II Climax, C. E.'s Colonel and High Chief, one of the best sons of Ohio Chief are to be found in the offering. Every sire mentioned above has been a first prize winner at some of the leading shows of this country. What offering of recent months represents the blood of such noted boars as does this one? The females are bred to such noted boars as Commodore, Top Notcher Chief, Fancy Orion Chief, Helen's Tip Top Notcher II, Proud Advance, Buddy K. IV. and Hanley. In our next issue we will have something to say of the offering individually. The catalogs are now ready and will be sent to all who write as per the advertisement on page 24 of this issue. This is one of the most important sales of the year and should attract the attention of every breeder in search of good breeding and individuality. Parties coming from a distance should keep in mind the fact that this is the opening sale of a series of sales beginning at Bowen, Ill., and extending to Macon, Ill., and that all of them can be made at little expense. The stock listed will suit the most discriminating buyers and represents the leading families of the breed. Plan to be present at Suburban Farm, the home of Mr. H. B. Griffiths, on Thursday, January 31st and spend the remainder of the two weeks with them. You will be royally treated and well pleased with the stock offered for sale. Write for catalogs at once, kindly mentioning this paper. If you cannot be present sale day bids sent to Mr. D. M. Pierce, representing this paper in care of the consignors to this sale circuit will be properly handled. See advertisement on page 24 of this issue.



A field of cabbage in the gulf coast country near Falfurrias, Texas. Cabbage is a very profitable crop in the Falfurrias district. Hundreds of northern farmers have settled there in the past year. Land is now \$15 to \$25 an acre. This is said to be a better country than California, where land is worth \$300 to \$500 per acre, and the gulf coast country is a thousand miles nearer market, which is another big advantage. See the advertisement of the Falfurrias Immigration Company, of Kansas City, on page 23.

## 3 REASONS WHY YOU SHOULD BUY SOUTH DAKOTA LANDS OF THE BIG SIOUX VALLEY LAND CO. SIOUX FALLS, S. D.

1st. S. E. part of our state is in the great fertile Mississippi Valley. Formation of soil is the same as that of Iowa and Illinois, black vegetable mould to a depth of 24 to 36 in., with a porous clay sub-soil. We sell good land cheap, \$25 to \$50 per acre according to location and improvements.  
2d. We have the same climatic conditions and rainfall, as Northern Iowa and Illinois, where land that does not produce any more corn per acre, sells at \$75 to \$125, per acre. South Dakota's acreage to corn in 1906, was 1,978,466 acres; production was 77,414,351 bushels; average production of the state, \$6.7 bu. per acre.  
3d. Our Agency covers the 16 S. E. counties of the State, which produce over 80 per cent. of the State's corn crop. We are prepared to show you actual production values, as our lands are time-tried and crop-tested, proving its ability to produce abundantly: Corn, Oats, Red Clover, Alfalfa, Blue Grass and Timothy. The crops essential to mature the great American Steer.  
Write to-day for list and descriptive literature, BIG SIOUX VALLEY LAND CO. (Inc.) Ramsey Bldg., Sioux Falls, So. Dak.

## SOUTH TEXAS LANDS.

HAVE you heard of the Gulf Coast Country of South Texas? Do you know of the tide of immigration setting into that country? Are you seeking an investment in real estate in a locality where land values will double within twelve months owing to the rapid settlement of the country? We own 57,000 acres of fine land in South Texas, 70% fine agricultural land, balance good pasture. Railroad runs through the tract, with a town site and station already located thereon. 10,000 acres of the land already surveyed ready for settlement. This tract is located fifty miles from the gulf, and the climate is ideal. Oranges, lemons, figs, grapes and peaches grow in perfection. The ranch is watered by 14 wells of pure, sweet water that cannot be exhausted; average annual rainfall 30 inches. Similar lands in the same section are now selling for \$12 to \$30 per acre in small tracts. Will sell this ranch in tracts from 20 acres upwards, or will sell as a whole. We also have 50,000 acres of level prairie land, free from brush, within 60 miles of the coast, and within two miles of railroad, in the proven arid belt, at from \$6 to \$7 per acre, which can be sold in tracts from 1,000 to 10,000 acres. This property is a very attractive colonization proposition. The land will retail at from \$10 to \$15 per acre. For further particulars address,

THE GULF COAST LAND &amp; TOWNSITE CO., Guthrie, Oklahoma

## A SPLENDID HOME AT A BARGAIN.

174 ACRES of fine land in Bates County, Mo. 1 1/2 miles from small town and railroad station, 154 acres under cultivation, 40 acres of which is meadow land, 20 acres in pasture, balance in wheat and corn ground; is located in a first-class neighborhood. There is a 4-room frame house, surrounded by shade trees, granary about 18 by 18 feet, double corn crib with driveway between. Barn 18 by 24 with loft above, small orchard, one well and one spring, on rural route, telephone in house, a fine tract for a home. Three good gas wells have just lately been struck on adjoining land. Owner not able to look after it and offers it at a bargain price of \$40 an acre. \$2,500 of this amount can remain on the land for a term of years at 5 1/2% if desired. Write,

JAS. H. LITTLE, Owner, LaCrosse, Kansas

## WILL SAVE YOU \$1.00 PER ACRE ON COLORADO DRY LANDS.

THEY will double in value in the next six months. Have some of the best bargains ever offered in the state. Also have a fine list of improved farms. Write for list, it is free.

ANDREW &amp; PALMER, 308 McPhee Building, Denver, Colorado

## LAND BARGAINS

Next excursion Feb. 5. You can buy land in our Locksburg colony, near Locksburg, Sevier county, Arkansas, at \$4 to \$6 per acre that will rent for one-fourth to one-half the cost each acre; write us for free pamphlet and map. E. N. Brown, president Kansas City Southern Land and Immigration Co., Room 708, Heals Bldg., Kansas City, Mo.

## IMPROVED FARMS

Wild lands, general merchandise stocks, hardware stocks, and city property for sale and exchange. Write me, Fremont S. Gibson, Agent, Mason City, Iowa.

FARMS FOR RENT: Send for our list of Iowa, Missouri, Kansas, Nebraska, and Wisconsin farms. Cash or grain rent. Northern Iowa Land Co., Independence, Iowa.



# LANDS AND HOMES FOR SALE

## Falfurrias,

In the Gulf Coast Country—The "California of Texas."

Reasons why you should go to Falfurrias:

**Climate**—We have as good a climate as southern California. We enjoy the most invigorating Gulf Breeze 365 days in the year.

**Rainfall**—We have twenty-six inches of rainfall against California's ten to fifteen inches.

You can raise all crops without irrigation.

We are 1,000 miles closer than California, to the great consuming markets.

We are from two to three weeks sooner with crops than California—giving us top prices for our products.

Land in California is worth from \$300 to \$500 per acre. In the Gulf Coast country from \$15 to \$25 per acre.

The farmers in California are dependent on the large irrigation companies and must pay from \$10 to \$15 per year per acre for water. In Falfurrias district every one can have their own irrigation plant by boring an artesian well, which flows sufficient water to irrigate 80 acres of land.

Through the building of the Panama canal the Gulf Coast country will become one of the most important in the United States. Large cities will spring up just as they have on the Pacific coast; splendid harbors will be created, and it will become the doorway to China and India, as it is the last point and closest to the canal.

**Go to Falfurrias NOW.**  
Make ten times the money on land that costs less.

Write today for literature and Latest Map of Texas, Free.

**Falfurrias Immigration Co.,**  
No. 3 West 10th St., KANSAS CITY, MO.

Investors agent and colonizers. Large tracts for investors.

## Farms That Grow "No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)

are situated in the Canadian West, where Homesteads of 160 acres can be obtained FREE by every settler willing and able to comply with the Homestead Regulations. During the present year a large portion of

**New Wheat-Growing Territory**

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. V. Bennett, 501 E. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 515 Jackson St., St. Paul, Minn.

Mention this Paper.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## FARM BARGAIN.

560 ACRES in Union Co., Iowa, nearly all in meadow and pasture. Am bound to sell. If I can't get my price, I'll take yours. Write for full particulars.

S. S. SPANGLER, - Milan, Mo.

**FOR RENT:** A well-improved grain and stock farm in eastern Kansas. Buckeye Agency, Route 2, Williamsburg, Kansas.

## 10,000 Acres of Land for Sale

In the vicinity of the famous potato and sugar beet growing section near Greeley, Colorado. No finer land in the world. Good soil, smooth surface, a new railroad surveyed into the very heart of this beautiful land. Perfectly adapted to farming, through the plan of Prof. Campbell's scientific agriculture. Under the survey of new ditches, if farming by irrigation is preferred. Prices \$7.50 to \$12.50 per acre. Shown by automobile from Greeley, Colorado. Railroad fare refunded to purchasers. Map and full information sent on application. Address:

J. S. Grable, Greeley, Colo.,

OR

M. L. Parrotte, Gen. Agt., N. Y. Life Bldg.  
OMAHA.

Agents wanted for the sale of these lands.

## GET A HOME In The Big Bend Country

The word "Home" means much to us all. The man who rents has not the spirit of freedom or the comfortable "settled" feeling of the man who OWNS. The Big Bend country of Eastern Washington is the place of

### PROSPERITY AND PLENTY.

Wonderfully productive soil insures large crops of fruits, grains and vegetables. No wind or electrical storms. Superior advantages to the man who wants A HOME. Church, school and other associations well developed. Come and see this unexcelled country. Railroad fare refunded to purchasers. Send for illustrated booklet and other information.

Dept. 1. THE BIG BEND LAND COMPANY, Wilbur, Washington.

## FARMERS AND FARM RENTERS READ THIS.

OUR Company own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.  
Capital and Surplus, \$250,000.00.  
LARIMORE, - - - NORTH DAKOTA.

## FOR SALE CHEAP

To Settle an Estate

## NORTHWEST MISSOURI FARM.

330 acres very rich productive land, one mile to Railroad Station.

For particulars address

S. G. GILLAM, - - - Maryville, Nodaway Co., Mo.

## 1520 Acres Choice Land

FOR SALE.

IN a solid body or in four separate tracts, each tract supplied with good stock water and timber. Located in Jefferson County, Nebraska, near three competing railroad towns, Burlington, Rock Island and St. Joseph & Grand Island. An ideal sheep grazing proposition. Address,

SMITH BROTHERS LOAN & TRUST CO.,

Beatrice, - - - Nebraska

## A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/2 miles from Osage City, Kan. 75 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; 140 acres of this farm can be cultivated, balance is a little broken and has some stones, but is the very best of pasture; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 6 room house in good condition, barn for 8 horses, with loft; cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice grove around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-around farms in Osage Co., Kan. No trades considered. One-half cash, balance on time. Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

Olander & Rapp, Osage City, Kan.

## FOR SALE---800 ACRES.

300 ACRES in cultivation, 500 acres in grass; fine water, tanks, hydrants, windmill, etc.; good feed lots, orchard, large 8-room house, tenant house; two large barns, three large cribs, implement-house, granary and other buildings; 10 miles from Emporia, close to good little town. Price \$35.00 per acre. Write for our list.

WILLIS & CO., Agents,  
Emporia, - - - Kansas.

**IOWA FARMS FOR SALE** Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens Iowa.

## WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

**TO EXCHANGE:** TWO registered draft and one standard bred stallion and 50 head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

## A Fortune in Cuban Acres

This sounds, and is unusual, but it's a fact. A ten-acre farm in Cuba will produce more than one hundred and sixty acres in the north, because the growing season is continuous. Cuba out-classes Southern California in producing fruits and vegetables, often growing from three to five crops a year—and it's nearer eastern markets. Gen. Leonard Wood, ex-Governor General of Cuba, says: "If I were called upon at this time to designate a place where a young man of America could find the greatest opportunity, I would name the island of Cuba."

The Turiguano Land Co. have a clear and absolute title to the finest plantation on the island. The location is particularly favorable for both rail and water transportation. They are offering small tracts of land for sale at a price which makes it easy for a man of small means to own a profitable farm in Cuba. Write for booklet, etc.

TURIGUANO LAND CO., Majestic Bldg., Chicago.

## CHOICE VIRGINIA FARMS

From 25 to 2,000 acres with buildings, timber fruit, good water etc. \$8 per acre and up. Lands level, with enough slope for natural drainage. Annual yield per acre—more than the cost of the land. Many men from the level western country settling here. Prices advancing steadily. Good opportunities for general farming, stock raising, dairy, poultry etc. Unsurpassed climate, fertile soil, fine markets and near to churches and schools. Excellent rail and water transportation. Sell your high priced land and buy cheap but equally productive land in a climate where you can enjoy life. Landed investments are sure to prove profitable here.

Write today for our Real Estate Herald containing full account of the advantages of Southside Virginia and descriptions of desirable farms.

PLYE & CO., Inc., Petersburg, Va.

## GULF COAST, TEXAS

LANDS are the best in the world. We own and control 1,000,000 acres in best part of Gulf Coast country. Fine, level prairie. Black, waxy and chocolate loam, one to six feet deep, clay subsoil. Rainfall 40 inches annually. Will sell 50 acres and up at \$8 to \$18 per acre, according to size of tract and location. All within 2 to 6 miles railroads, schools, churches, rural mail delivery. Farms adjoining net \$50 to \$100 per acre a year in staple crops and up to \$800 an acre in oranges, figs, etc. Alfalfa, corn, oats, cotton, sugar cane, all kinds of vegetables and fruits without irrigation. Flowing artesian wells for rice culture. Some crop can be grown every month in the year. Write today for free book, "Opportunity," tells all about it. Cheap rates first and third Tuesday each month.

PICKETT-HAMMOND LAND CO.,  
Brazos Hotel Building, HOUSTON, TEXAS



**LET ME SELL YOUR FARM, HOME OR BUSINESS.** No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

**GLENN REALTY CO.**  
16 Gumbel Building, KANSAS CITY, MO.

## YOU CAN HANDLE THIS

120-Acre Wood River Valley Farm

Five and One-half Miles N. E. from Gibbon.

GOOD house and barn, double corn crib and granary, chicken house, hog house and other improvements. Buildings surrounded by good grove of ash and elm trees. Price \$55 per acre. Write today for a full description and plat of farm.

L. P. SARGENT, - Gibbon, Neb.

**LET ME SELL YOUR FARM, HOME OR BUSINESS**

No matter where located, for cash, in less than 90 days. I have hundreds of buyers and keep in touch with them through 1500 agents. The man who will buy your place is on my list—do you want to meet him? Send description and price of your property quick. Address

412 Brace Bldg. A. EDGAR DAVIS, Lincoln, Neb.

## IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY,  
Laurens, - - - Iowa

**FOR SALE OR EXCHANGE:** 240-acre eastern Texas peach and pear orchard, 2 miles of good growing city of 18,000 population. Owner will sell on easy terms or exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

**FARMS WANTED,** in exchange for income property, residences, hotels, elevators, mills, livery barns, stocks hardware, groceries, dry goods, general merchandise, stallions, registered cattle. Can get good trade. Northern Iowa Land Co., Independence, Ia.

**IOWA FARMS.** Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map.

Northern Iowa Land Co., Independence, Ia.

**Homeseecker, be careful.** Locate right. Investigate our famous Artesian Valley. Sure crop, matchless climate. Let us write you. Miller & James, Mende, Kansas.

**FARMS FOR RENT AND SALE** on crop payments. J. MULHALL, Sioux City, Iowa.



# The Grand Champion D

**January 31st to February 8th Inclusive**

**OF ILL**

**350 HEAD**

**of Choicely Bred Duroc Jer  
to Champion and Prize Winnin**

**Thursday, January 31st**

**H. B. GRIFFITTS, BOWEN, ILL.**

Thursday, Jan. 31st, Mr. H. B. Griffiths, Bowen, Ill., proprietor Suburban Stock Farm, will offer sows sired by Top Notcher Chief, Tip Top Notcher, Kan't Be Beat, Advancer, Hanley, Big I Am, Ambition, Buddy K. IV., Gold Cloud, Mayor Jr., II Climax and C. E. Col., every one a first prize winner, and bred to Top Notcher Chief, Fancy Orion Chief, Helen's Tip Top Notcher II., Proud Advance, Buddy K. IV. and Hanley. Don't forget that Helen Blazes V., sister of the \$1,000 Helen Blazes III., and Queen Dotie, a daughter of the grand champion sow, will be two of them. Send for catalog.

**Friday, February 1st**

**Manlove Bros. & J. H. Norris, Bowen, Ill.**

**50 Head to be sold at Maple  
Lawn Stock Farm**

This stuff is all selected as tops from the two great herds having the quality and blood to qualify them for the highest honors. There are 16 tried sows, 13 fall yearlings, 21 spring gilts that are hard to fault, the pick of the crop. Also "Remington Queen," the sensational young show sow with 5 firsts to her credit. We invite all breeders and good farmers to attend our sale and we can guarantee you will not be disappointed in the character of the stuff. The noted boar, Hambletonian, and the sensational yearling, Illinois Chief, both prize winners, are in service for this offering. We should be pleased to have you see this stuff and will appreciate your attendance or your bids. Bids sent to the auctioneers or the paper representatives in our care will be properly treated. Write either of us for catalog.

**Saturday, February 2d**

**THOMAS & HOGSETT, GOLDEN, ILL.**

There will be a number of yearlings and two-year-old sows sired by Big I Am, Tip Top Notcher and other noted sires. And there will be a lot of those beautiful Ambition gilts that so many of the breeders have been admiring, several of them bred to Tip Top Notcher and some to Golden Orion. Then we have quite a herd bred to Ambition, and if his breeding does as well next year as it has in the past and his get does as well for other breeders as it has for us, no will buy them too high. We confidently believe that Ambition has sired more prize-winning and high-class stuff than any other pig of his age. Will have 10 or 15 in the sale bred to the old champion, Tip Top Notcher. Come to Golden on the 2d of February and you will be well taken care of till the following sale, February 5th. We will show you some of the best gilts and sows that will go through a sale ring this season.

**Catalogs for each of these noted  
sales will be sent to all who  
write, kindly mentioning  
this paper.**

**IMPORTANT:**

**Those who cannot attend send  
bids to Mr. D. M. Pierce, repre-  
senting this paper, in care of  
parties holding sales.**

**Tuesday, Feb**

**Fagan, Browning & McCabe, Hersman,**

Many sired by and bred to Tip Top Notcher, pronounced by most breeders the king of the breed, grand champion boar at the World's Fair, St. Louis, 1904. He is sire of state fair winners and class prize winner, also sire of highest-priced boar ever sold at auction and third highest priced sow. If you want the kind of pigs that sell high, buy a show sow in our sale bred to the world's champion.



# Duroc Jersey Sale Circuit

## ILLINOIS

January 31st to February 8th Inclusive

sey Sows Sired by and Bred  
g Boars of National Reputation

**350 HEAD**

**Wed., Feb. 6th, Ed. A. Baxter, Pawnee, Ill.**

The closing out sale of Pawnee herd of Durocs. This is absolutely a closing out sale of 70 head of as good boars and sows as can be found anywhere. The boars are three herd boars now in use—Buddy K. IV. 20861, a champion hog and a hog renowned as a breeder; Kruger Again 39315, a young hog that will bear inspection anywhere, and Major A. 44567, farrowed March, 1905. They will all be sold unless Major A. is sold before sale, but the other two will positively go through the sale ring. Twenty tried sows, such as Tip Top Notcher's Baby 71202, West No. 5 105806, Choice Goods You Bet 120804, Bianca 62220, Mo. Girl 119296, Red Rover 96692 and others equally as good. Six Buddy K. IV. fall sows, two Proud Advance sows, three Tip Top Notcher sows, one Lafollette, fall yearling bred to Tip Top Notcher, Buddy K. IV., Kruger Again, Hanley and Gold Cloud with about 50 spring gilts, the very best that could be bought in ten or twelve sales last fall, all bred and in fine condition to do any man good. Stop at St. Nicholas Hotel, Springfield, Ill., night before sale at my expense.

**Thursday, February 7th**

**Fred Kraschel & Son, Macon, Ill.** 40 Head from the Tops of Our Herd

and the top of five different herds, including Perfection Maid, the dam of the two gilts that sold for \$395, and Buddy T.'s Belle, the dam of the five gilts that sold for \$655. Bred to such noted boars as Gold Cloud, champion at Illinois State Fair and sire of champions, Mayor Jr., first in class in Illinois State Fair '05, first at Indiana 1904; High Notcher, sire of Red Express and other noted hogs, and a son of old Top Notcher 8803a; also a few bred to Gold Standard, a winner in strong competition.

Sale will be held in heated pavilion and everybody will be made comfortable.

**Friday, Feb. 8th. T. W. Stoner & Son, HENRY, ILLINOIS.** 45 Head Bred Sows

Yearlings, fall-yearlings, gilts and three or four two-year-old sows of fashionable families. Our motto has always been "Individuals as well as Pedigrees." Our hogs when properly fitted have ranked second to none. This will be an opportunity to get bargains. This offering is sired by and bred to such boars as Advancer Col., a litter brother to Proud Lady that sold in Manley & Co.'s sale last winter for \$1,275. Also Stoner's Improver, Ohio Ben and Dandy Joe. The breeding of these boars is too well known to need any comment here. You will see their produce in this sale. Mr. J. W. Remley, of Lacon, Ill., will sell ten head of splendid sows, two or three two-year-old sows sired by None Such. The others are sired by Choice Goods and J. I. C. Choice Goods, one of the best sons of Echo King. J. I. C. is sired by Kan't Be Beat 28067, dam Cedar Vale Queen VIII. 70898, first in class and junior champion at the World's Fair, St. Louis. We will welcome you all. Come to the sale and bring your friends.

**February 5th**

**Ill. Banner Bred Sow Sale, 50 Head**

We will sell you the seed of champions. Every sow in our sale bred to Tip Top Notcher is a show sow. Show sows by Kan't Be Beat. Quality and breeding bred to Tip Top Notcher cannot fail to win out. Many good ones will be sold. They won't all sell high. One of the finest catalogs printed free for the asking. Farm three-quarters of a mile from depot. Address Fagan, Browning & McCabe.

**Cols. McGowan,  
Reppert and  
Keil, Auctioneers.**

Everyone interested in Durocs is invited to be present at each of these sales. You will be well entertained and the offerings are of the high standard which please discriminating buyers.

**WRITE AT ONCE FOR CATALOGS.**



## ADVERTISING NOTES.

There is offered for sale by Mr. G. L. Crookham, of Kearney, Neb., in his advertisement that appears on page 22 of this issue, 4,590 acres of alfalfa, corn and wheat land, which is located forty miles north-west of Kearney and all in one body. This will be sold, either as a whole, or in part, for what it is worth. For further particulars read the advertisement and write Mr. G. L. Crookham, Kearney, Neb.

In southwestern North Dakota there are 80,000 acres of land which the Wm. H. Brown Company, of Mandan, N. D., or 131 LaSalle St., Chicago, Ill., desire to sell. It will be disposed of at \$17 an acre and reliable agents and up-to-date farmers are wanted to help sell these lands. Maps and other information can be obtained from either of the addresses given above. The advertisement appears on page 22 of this issue.

The McMillan Fur & Wool Co., of Minneapolis, have mailed us their new circular, which we have on file for reference. This house has been established some twenty-eight years and on account of their extensive business, which minimizes the proportion of fixed expenses, are in a position to pay high prices. They make a specialty of receiving goods through shipments, and shippers find returns very satisfactory. See advertisement on page 16.

The U. S. Buggy & Cart Co., of Cincinnati, Ohio, have 250 styles of buggies which they are selling at \$23.50 and up, on a two-year guarantee. They also have 150 different styles of harness which they sell at \$4.50 and up on the same guarantee. They sell direct from the factory to the consumer. They build all their own vehicles. They consider that their National Leader, which is sold at \$49.50, is the best top buggy known and made. Write them for their catalog as per advertisement on page 16 of this issue.

The Greenville Implement Company, of Greenville, Mich., have an advertisement on page 5 of this issue of the Peerless Cooker with Smith's Easy Mixer, which they are selling at a very low price. Every cooker is absolutely guaranteed and will be sent out for thirty days on approval test. They have a special fire device which they say saves 50 per cent in fuel. The kettle is warranted solid and they state that these cookers are unequalled in efficiency, durability and low price. Write them for their catalog and special book, "How to Cook and What to Cook for Stock."

Special attention is called to the advertisement of the Smith Bros.' Loan & Trust Co., of Beatrice, Neb., in this issue. They are proposing to sell a tract of land—1,520 acres—all of which, with the exception of about 200 acres, is native prairie, located in Jefferson county, Neb., seven miles from the county seat and only three miles from another railroad town. It is quite unusual to find in eastern Nebraska, at this time, so large a tract of uncultivated land in a solid body. It is, on this account, particularly attractive as a grazing proposition for either sheep or cattle. The soil is well adapted to alfalfa. See advertisement on page 23.

There has been an advance of 10 per cent on mink and muskrats since January 1st, and one-fourth to one-half cent decline on cattle hides. Both furs and hides are extremely high. Do our readers keep posted on the markets or do they sell at home at one-half or two-thirds the real value of their furs and hides? It pays to keep posted on the big market prices and it is a very easy matter to ship your goods. To prospective shippers or buyers who mention this paper and who have not already received them, the Northwestern Hide & Fur Co., of Minneapolis, will send, on request, late prices, complete instructions, shipping tags and a beautiful little combination calendar and barometer. See advertisement on page 19.

To the man seeking an investment nothing better offers itself than good land. The justly famous Big Bend county of eastern Washington is not alone a country for the investor, but is the ideal country for the homeseeker. The soil formation is a volcanic ash, and experience has proven to those who have tilled the soil for years that the longer it is farmed the more productive it becomes. Heavy crops of wheat, oats, and barley are raised. Root crops give especially large yields, especially potatoes. Apples, pears, cherries, prunes, apricots, and small fruits do well without irrigation. The climate is exceptionally fine. No destructive summer storms and no severe winters. These lands are bound to nearly double in value in a few years and for the farmer looking for a productive country, no more desirable

place can be found. We suggest that our readers write to the Big Bend Land Company, Dept. 1, Wilbur, Wash., for literature and other information of interest. See advertisement on page 23.

The attention of Homestead readers is called this week to a remarkable book mentioned in the Legal Department, the only work of the kind published in the world—the laws of the land. It is called the "Encyclopedia of Iowa Law." The Homestead was the first farm journal in Iowa to bring the work before the readers. Last year thousands of Iowa people ordered this work and have been using it with great satisfaction. It is as interesting as a novel to read. Every active or retired farmer owning or renting property of any description should have this book. Hon. H. E. Deemer, judge supreme court, says: "Everyone should have some familiarity with the laws of his commonwealth. They touch him at every point and regulate his private and public relations. He is presumed to know the law, and cannot plead ignorance as an excuse. Your book is the only one I have seen on

which he can place any reliance." "No fifty volumes, and I might safely say, not even 100 volumes in my library could be selected that would be to me of so much practical use what the law is in Iowa on a given question, or advising others as to the law.—Judge C. B. Bradshaw." Sample pages, consisting of the work itself, the Iowa Law Dictionary, of about 108,976 words defining legal terms and phrases. This is the first law dictionary ever published in Iowa, and a great many people will look into this law dictionary for the first time. Write to the Iowa Law Book Company, Marshalltown, Iowa, and mention The Homestead and they will send you some sample pages.

When one has anything to sell he naturally feels that he wants to get into touch with an agent of unquestioned ability—one upon whose integrity he can depend. Then again, there is everything in the "know how" on the part of the agent in approaching or connecting with a purchaser. Some agents can sell to a man just once—and that is the end of it. Others give continuous satisfaction; purchasers return again and again. Such a one is Mr. A. Edgar Davis, of Lincoln, Neb. Mr. Davis has earned the name of National Real Estate Broker. With 1,500 agents under his control it is easy to see how he is in position to sell anyone's real estate no matter where it may be. If you wish to buy or sell real estate or property we suggest that you write to Mr. A. Edgar Davis, Box 412, Lincoln, Neb.

During the last few years there has been an endless amount of talk about breeding seed corn. Many farmers have tried to breed corn and have failed because they do not realize that the improvement of any kind of grain is an exact science that requires an endless amount of study. The person who has probably made the greatest success of corn breeding is Mr. W. W. Vansant, of Farragut, Iowa. Mr. Vansant has made a study of the corn question for over thirty years. During that time he has gradually improved the production of certain grades until they are now yielding ninety to 100 bushels per acre, whereas they produced but thirty-five to forty bushels when he first began improving them. Not only has there been a vast increase in the amount of corn produced, but the quality has also been greatly strengthened—one bushel of the high-grade Vansant corn is worth almost two bushels of the average corn produced by haphazard methods for feeding purposes. Mr. Vansant with his sons' assistance produces every bushel of seed corn he offers for sale. Seven farms are used on which to raise pure bred corn of seven varieties—one variety on each farm. In this way there is positively no chance of the different breeds becoming mixed. The best proof of the purity and quality of the Vansant seed is the fact that his neighbors buy from him year after year their supply of seed and each one of them knows that the buying of his seed corn is the best investment he

makes, for he has seen the gradual improvement going on year after year in the corn raised on the Vansant farms. If you are interested in improving the quality and yield of your corn you should write to Messrs. W. W. Vansant & Sons, Box 14, Farragut, Iowa. They will be glad to give you much valuable information regarding the best method of improving your corn crop.

## GOOD KANSAS FARM FOR SALE.

Don't fail to read the advertisement of the Howell Realty Company, of Kansas City. They are offering a good Kansas farm at \$15 per acre. See Lands and Homes department.

## GOOD LAND AT LOW PRICES.

If you want to go south, where climate is fine and where you can buy good land at \$4 to \$6 an acre, be sure to read the advertisement of the Kansas City Southern Land & Immigration Company, of Kansas City, in the Lands and Homes Department and write them for full particulars.

## BEST EXTRACTOR FREE.

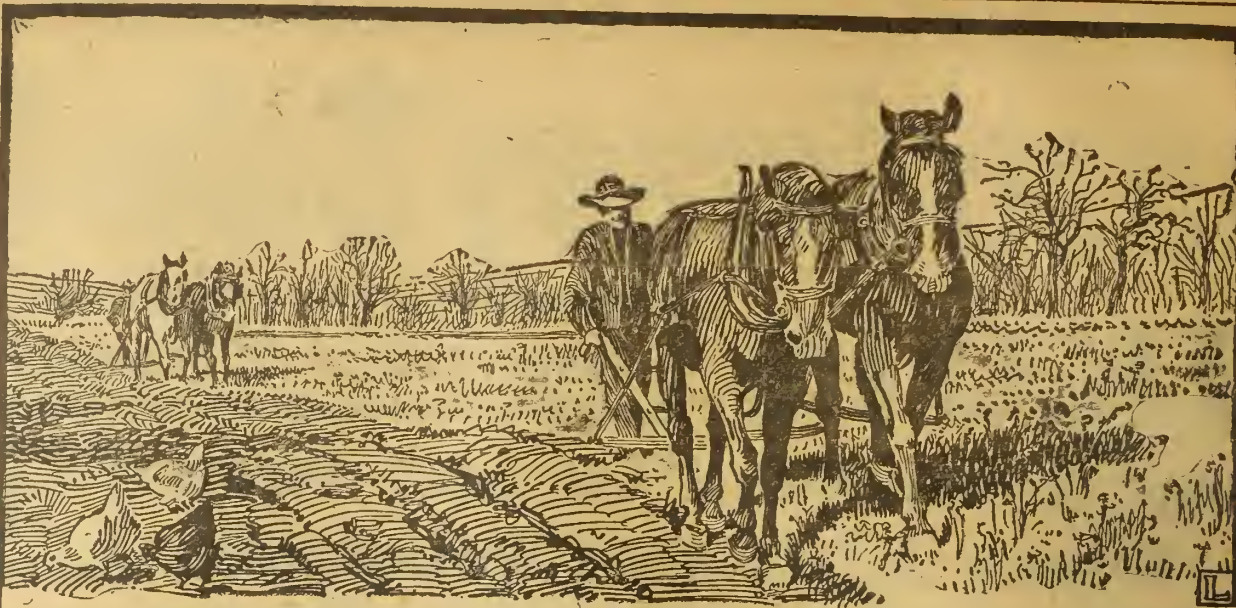
We desire to call attention of all owners of cows to the remarkably liberal offer made in the advertisement of the People's Supply Company, of Kansas City, Mo. If you are interested in cream extractors by all means get a copy of the book, "Cash From Cream," by sending your name and address on a postal card to the People's Supply Company, Dept. 150, Kansas City, Mo. The People's Cream Extractor makes an absolutely perfect separation in from thirty to sixty minutes. Best of all, it does the work automatically.

## UP TO DATE METHODS OF SELLING.

The Glenn Realty Company, of Kansas City, Mo., have inaugurated up-to-date methods in buying and selling property which are fully explained in a neat booklet they issue and is possibly the most ideal way of selling any kind of property usually handled by real estate agents. In fact, it has become the ideal way of making quick sales in the shortest possible time at the best prices the market affords. Their advertisements appear in the leading publications of the country and have won for them a reputation of reliability that proves their worth. See advertisement on page 23.

## LEARN DRESSMAKING AT HOME.

How often one hears the expression, "I wish I could make my own clothes," and now we have found a way by which the women in the house can learn in a very short time how to make their own dresses and, in fact, all there is to learn about dressmaking. The National Correspondence School of Dressmaking, of Des Moines, Iowa, is conducting a most successful school in this line of teaching. All the teachings of this school are easily learned by mail. The terms of tuition are very reasonable, and any ambitious woman can improve her position quite materially by taking a course in



## Plowing in January in the Southwest.

The farmer in the Southwest is plowing in January and February, while you are hugging the stove and trying to keep your family and stock from freezing. He lives an out-door life the entire year and is never shut in by blizzards and the like. Snow is almost unknown and it is seldom cold enough to freeze. He has none of the hardships of winter to bear. He does not have to build expensive barns for his stock, nor does he have to feed and shelter them all winter. Neither does he have to remain idle half the year.

The Southwestern farmer has all the best of you. Besides avoiding all the discomforts and expenses of winter he has bought his land for a small part of what yours cost, and he can often raise two and three good crops on it, while you are lucky to get one good one.

Why don't you leave the cold winters and become a Southwestern farmer yourself? You can get a big farm in the Southwest for what a small farm costs in your state. In a few short years this cheap Southwestern farm will become a high-priced farm in a highly prosperous, closely settled community.

Now is the very best time for you to move to the Southwest. Two or three years hence you will have to pay much more for your land.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines

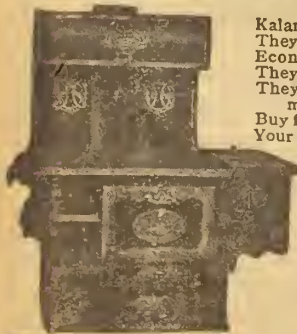
1413 La Salle Street Station, Chicago

or

1413 Frisco Building, St. Louis.



# "A Kalamazoo Direct to You"



Kalamazoo's are fuel savers.—  
They last a lifetime.—  
Economical in all respects.—  
They are low in price and high in quality.—  
They are easily operated and quickly set up and made ready for business.—  
Buy from the actual manufacturer.—  
Your money returned if everything is not exactly as represented.—  
You keep in your own pocket the dealers' and jobbers' profits when you buy a Kalamazoo.

## WE PAY THE FREIGHT.

We want to prove to you that you cannot buy a better stove or range than the Kalamazoo, at any price.

We want to show you how and why you save from 20% to 40% in buying direct from our factory at factory prices. If you think \$5, or \$10, or \$40, worth saving

Send Postal for Catalogue No. 165



OAK STOVE HEATER, For All Kinds of Fuel.



Oven Thermometer

Examine our complete line of stoves and ranges for all kinds of fuel. Note the high quality; compare our prices with others, and then decide to buy from actual manufacturers and save all middlemen's profits. Catalog shows 267 styles and sizes for all kinds of fuel. Write now. Sold on 360 Days Approval Test.

Kalamazoo Stove Co., Manufacturers, Kalamazoo, Mich.

All Kalamazoo Cook Stoves and Ranges are fitted with patent oven thermometer which makes baking and roasting easy. All stoves blacked, polished and ready for immediate use when you receive them.



this school. Write today for circulars and catalog of this school, and start in the new year with a determination to master the art of dressmaking, and thus improve your position in life. Dept. A.

#### MONEY MADE IN BUYING COLORADO LANDS NOW.

Messrs. Andrew & Palmer, of 308 McPhee Building, Denver, Colorado, have an advertisement on page 22 that will prove of value to those of our readers who contemplate investing in Colorado land within the next six months. These gentlemen believe that within that time land values in that state will double. They now have some of the best bargains that have ever been offered in the state and will send to the interested reader a list of improved farms which they have for sale.

#### A SPLENDID MISSOURI FARM FOR SALE.

There is offered for sale, in an advertisement on page 22 of this issue, 174 acres of fine land located in Bates county, Mo. This farm is one and one-half miles from a small town and railroad station and there are 150 acres under cultivation, forty acres in meadow land, twenty acres in pasture, the balance wheat and corn ground. This farm is located in the gas section of Missouri and gas has lately been found on adjoining land. The owner is not able to look after it and offers it at a bargain price. For further information read the advertisement and address the owner, Mr. James H. Little, of LaCrosse, Kan.

#### OWNS TOO MUCH LAND.

It is a well-known fact that Cedar county, southwest Missouri, is one of the best counties in that state. It is considered a splendid country for corn and small grain, and it is a splendid country for blue grass, clover, etc. Twenty dollars an acre is bed-rock price for land in this locality. In this issue Mr. George H. Gallup, of 1420 Grand avenue, Kansas City, Mo., is offering nine farms in Cedar county, your choice at \$20 per acre. He is quoting this price to sell the farms. He has too much land and is absolutely offering these places at two-thirds their actual value. Read his advertisement in the Lands and Homes department and write him if you want a farm.

#### OUR FUTURE ORCHARDS.

Ten years from now every farmer who sets out fruit trees this spring will congratulate himself on his wisdom in selection if he listens to and seeks the advice of experienced fruit and nursery men. A veteran among nursery men is Mr. Carl Sonderegger, at Beatrice, Neb. Any farmer who contemplates setting out a new orchard or just a few trees, a new fruit farm, or just a little patch, or is planning to reforest any part of his holdings, or wants just a few shade trees, will get dollars added to his bank account and years of experience added to his knowledge if he would write Mr. Sonderegger for counsel. This is free. But because it is free, don't think for a moment that it is not valuable. Mr. Sonderegger is offering a big line of nursery stock, field, garden and flower seeds, etc. The seeds are all tested before shipping; all fresh, clean and vigorous. His prices are attractively low. For instance, apple trees are four cents, peach five cents, plum twelve cents, cherry fifteen cents. These trees are not seedlings, but are grafted stock. Concord grapes are two cents. Forest tree seedlings a thousand for \$1. Mr. Sonderegger gives for this season a packet of a new variety of head lettuce called "May King"

to every person who writes for his large, illustrated catalog and asks for sample packet. See advertisement on page 11.

#### SAYS AUTO-FEEDER IS BEST MADE.

If you are interested in a hay press, read below the opinion of men who are capable of judging what a press is: "Kansas City, Mo., May 1, 1906. The Auto-Feeder Hay Press in our opinion is absolutely the best hay baler in the market. We have had all kinds of presses at work for us in the Indian Territory, but this one puts up the neatest and most even bales of them all. Its bales are of a dimension that load nicely in cars and sell to advantage on our open market. From our experience and the experience of others, we know of no press that has given better satisfaction. Yours truly, E. W. Taylor & Co., Receivers and Shippers of Hay." Read the advertisement on page 8 of this issue and write the company.

#### A THIRTY-ONE PIECE BREAKFAST SET GIVEN AWAY.

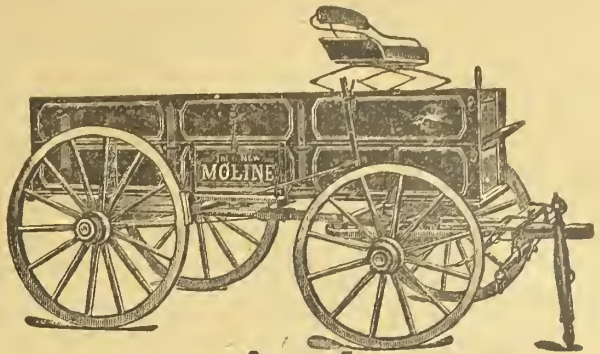
On page 18 of this issue of The Homestead will be found the advertisement of Mr. A. M. Phillips, of Elgin, Ill., in which is the announcement that they are giving away a thirty-one piece breakfast set to advertise their house. The set will consist of six plates, six cups, six saucers, six fruit or oatmeal dishes, six butter plates and one meat platter. They announce that every piece will be full size and the complete set will be given to anyone who will sell twelve of their large handsome 16-28 pictures at twenty-five cents each. They ask that no money be sent in advance and that subscribers of The Homestead write at once and they will be told exactly what to do to secure this set.

#### A BRONZE MEDAL CALENDAR.

The 1907 calendar of N. W. Ayer & Son, the Philadelphia advertising agents, is just out, and as usual it is one of the season's best office calendars. They have followed the same design used in 1906, but their famous medal and motto, "Keeping Everlastingly At It Brings Success," appear on a bronzed background, which gives it an exceedingly rich appearance. While the calendar is arranged with a month on each flap the figures are clearly legible across a large room. The blank spaces on the flaps are filled with new and pointed epigrams on advertising and business-building in general. The calendar is too expensive for general distribution, but while they last Ayer & Son will mail a copy to any address upon receipt of twenty-five cents.

#### MAKING MONEY ON THE FARM.

The money-making farmer is the one who knows where to get good seeds, seeds from which he can get big crops. The John A. Salzer Seed Company, of La Crosse, Wis., always has something new, something attractive, something valuable to offer in the seed line that no wide-awake, money-making farmer can afford to be without. Here's something to think about: 310 bushels Salzer's New National oats per acre, 1,000 bushels Pedigree potatoes per acre, fourteen tons Billion Dollar grass and Teosinte per acre, 300 bushels Home Builder corn per acre. These are not extravagant statements, but sober, solid facts about what can be grown from Salzer's seeds "that never fail," that you, Mr. Farmer, ought to think seriously about before planting time. These seeds, as well as every kind of seed for the garden or farm, are listed in "Salzer's Seed Book," and the farmer who has any desire



## Do You Buy Kiln-Dried or MOLINE Wagons?

TAKE a long, slender piece of Hickory that has been air-seasoned from 3 to 5 years.

Bring the two ends together—you can do it *without breaking or cracking the stick.*

Then take a similar piece of kiln-dried Hickory and try it.

CRACK! You've broken it!

This simple test tells why we store millions of feet of Hickory and White Oak in our vast drying sheds for 3 to 5 years before making it up into Moline Wagons.

It tells why we are willing to have many thousands of dollars tied up in this reserve stock for years, paying taxes, insurance and other costs, until it becomes thoroughly weather seasoned, with the wear of iron in it.

We have the largest stock of Hardwoods in the United States, yet today we're buying green timber right and left, for our 1911 output of Moline.

If you know of any large tract of Oak or Hickory, we'll thank you for telling us. We want it.

#### Air-Seasoning vs. Kiln-Drying

Lumber preserves itself in its own sap, if you give it a few years time, out in the open air. Just let nature alone—that's all. The resinous portion of the sap does the work. It fills and toughens the fibers—makes lumber live, resilient, with practically no limit to its life.

Kiln-drying drives out all the resinous sap—leaves the fibers porous, dead, the prey of quick decay. Kiln-dried lumber absorbs moisture into the empty fiber-pores. Paint can't prevent it! Hence, a Kiln-Dried Wagon will warp, crack, shrink or swell. Just as a poor horse soon "eats its head off," so a Kiln-Dried Wagon eats up money in repairs.

There are many more wagon facts you ought to have before buying your new wagon. Get the whole story in our FREE WAGON BOOK. Write for it NOW. We pay postage. The Dealer who is particular about the kind of wagon his name is painted on, sells the Moline, the Ironclad.

MOLINE WAGON CO., MOLINE, ILL.



## I Make Harness and Sell It Direct to You

This Heavy Team Harness Would Cost You \$35 at Your Dealers'. I Sell It For \$24

All Shipments on Approval.

The way to get a dollar's worth of harness for every dollar you pay is to buy direct from the makers. A \$35 harness at your dealers' is no better than it was when the manufacturer sold it to the wholesaler for \$24. Because the wholesaler's profit and the retailer's profit bring the price up to \$35 to you, doesn't make the harness one bit better.

It's the long way around that costs so much. If you went from Omaha to Chicago by way of St. Louis, it would cost you more than if you went direct, wouldn't it?

Why buy harness in the round-about way? Even the big mail-order houses charge you one profit more than I do.

I make my harness and am satisfied with a fair profit. Big sales and small profits are better for me than small sales and big profits because every new sale means a new friend and then I sell to his friends. Those who buy my harness say I save them about a third—sometimes a half.

I make 50 styles of good harness. My line is complete. Each set that leaves my shop is the product of workmen highly skilled in harness making, and is guaranteed to be from the best oak tanned leather—the only kind that ever gets into my factory.

I save you 30 to 50%, because I sell direct,—no agents, salesmen dealers nor middlemen of any kind stand between

you and my goods; you get better harness, greater selection, and the maker's guarantee of perfect satisfaction or your money back.

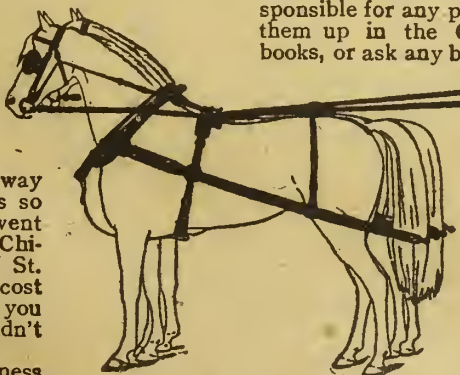
And you take no risk dealing with me, because my word is good, and the Company of which I am President, is responsible for any promise I make; look them up in the Commercial Agency books, or ask any bank or express company where we are best known here in our home town.

Now, about my "leader,"—the \$35 set for \$24. The cut gives you a fair idea of it. This is a genuine bargain—a splendidly made 1½-in. team harness, strong, stylish in appearance, and made of the very best grade oak tanned leather.

And it is actually worth more today than it was when we made it up, because leather is advancing in price, as you know.

So, if you want this special harness value, please order promptly, as I shall probably not be able to advertise the set again at \$24. Just send me the money and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways if you are not perfectly satisfied.

My big, free Harness book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address, R. M. Knox, Pres., Western Harness & Supply Co., 613 Main St., Waterloo, Iowa.



to be a money-maker will not miss the opportunity to secure a copy of this book free of charge and learn for himself about the wonderful bargains Salzer has to offer in Northern Grown Pedigree Seeds. Don't fail to write today to the John A. Salzer Seed Company, La Crosse, Wis. See advertisement on page 11.

#### A PROFITABLE NEW BUSINESS.

One of the latest and most profitable arts which our readers are taking up is the study of taxidermy or the stuffing and mounting of all kinds of birds and animals and the tanning of skins. This is a most fascinating business and can now be learned very easily in one's own home. Every hunter and nature-lover should know how to mount specimens and to make skins into beautiful rugs. If you would like to learn this art, we would recommend that you write to the Northwestern School of Taxidermy 8 H. St., Omaha, Neb., for their catalog, which fully explains how they teach the subject by mail. They have thousands of students, and we understand that they are giving the best of satisfaction. Read their advertisement on page 16 and write them today.

#### CAMPBELL'S DRY FARMING SYSTEM IN COLORADO.

In the heart of sunny Colorado lies perhaps some of the finest farming land in the world. It has everything to its advantage—location, climate and soil. It was formerly thought by farmers that this land could be farmed only by irrigation, since the supply of water in the soil was not always sufficient to mature the crop. In some years there was no scarcity of water in the soil. Under such circumstances the crop matured well without being irrigated. The fact that much of this land could be farmed the greater part of the time without irrigation led investigators to attempt to work at some plan whereby the water already contained in the soil could be conserved and excessive evaporation thus prevented. Professor Campbell, an earnest western investigator, was one of the first to discover a system of conserving the soil moisture of these lands. In general, this system advances the theory that by keeping a dust mulch on the surface of the land at all times the pores of the soil will be closed and the moisture contained in the soil will not be able to escape into the atmosphere. At first this scheme did not seem well adapted to all crops, as it is not always possible to cultivate some crops throughout the summer. The plan, however, proved so successful with the crops that it was tried on that farmers in this land have devised different means of maintaining a mulch on nearly every crop, and now a great deal of this Colorado land in the vicinity of Greeley may be farmed without being irrigated. Greeley is right in the heart of the most beautiful country; it is in the vicinity of the famous potato and sugar beet growing section. While these two crops are per-

haps the principal ones on some farms, there are other crops which grow equally as well; in fact, most anything can be raised on this soil successfully. Those of our readers who might be interested in this country will do well to write for map and information to Mr. J. S. Grable, of Greeley, Colo. Visitors to this country are shown the finest kind of accommodations at the hands of this gentleman. When writing kindly mention this paper. See page 23.

#### BIG TRACT OF LAND CHEAP.

In this issue will be found one of the greatest offers in the way of a large body of cheap land that has ever been advertised in The Homestead columns—44,000 acres in south Missouri at \$4 per acre. The owner says that every acre of this land is in blue stem prairie grass, from knee to waist high. There is some timber on this land, but no underbrush. The soil is of the rich limestone variety and 25,000 acres of the tract is tillable and will grow corn, wheat, oats, timothy or clover in abundance. About 19,000 acres is rolling, but is splendid grass and fruit land. This tract is near a county seat and railroad station, and is watered by living springs and branches. This tract is offered by Mr. J. H. Lipscomb, of Fidelity Trust Building, Kansas City, Mo. See the advertisement in the Lands and Homes department and write Mr. Lipscomb for further particulars.

#### A RELIABLE INSTITUTION, ESTABLISHED THIRTY YEARS.

Drs. Thornton & Minor, of Kansas City, specialists in rectal diseases and diseases of women, have established a reputation during their thirty years of practice that certainly stands the test. Men and women from almost every part of the country testify as to their ability in the lines in which they specialize. This institution has become as much a part of Kansas City as any bank in the city. The building which the doctors own has been fitted up with every modern convenience, and sufferers who go there will be treated exactly as represented by the literature sent out. Read the following: "Kansas City, Mo., April 20, 1906. Drs. Thornton & Minor, Gentlemen:—In 1886 or '87 I was afflicted with a very bad case of piles, with which I had been annoyed for several years. I called upon you for treatment and was relieved within a few weeks, to my entire satisfaction, and at a reasonable cost. I have not been subject to a subsequent attack. Very truly yours, Thomas T. Crittenden." The above testimonial is certainly worthy of comment, as it comes from Mr. Crittenden, ex-governor of Missouri, and now referee in United States court in Kansas City. However, this is nothing unusual, as Drs. Thornton & Minor have thousands of testimonials from satisfied patients in all parts of the central states. The doctors have recently established a branch office at St. Louis to accommodate the many patients who come from the East. Notice the announcement



of these physicians in this paper, and if you are troubled with any of the diseases which they treat, do not fail to write them or fail to visit their institution.

#### THE KALAMAZOO STOVE.

It would take a page of this paper to enumerate the points of the superiority of the Kalamazoo stoves and ranges over the common kind. They save fuel, have lasting qualities, they are easily operated and the company stands back of everything that is put out. In other words, your money will be returned if everything connected with the Kalamazoo stoves and ranges is not as represented. These stoves are sold direct to people who use them, and consequently buyers are saved the dealer's profit of from 20 to 40 per cent. The matter of saving \$10, \$15 or \$20 on a range is worth considering by all persons who have to purchase in the near future. This is especially true when you consider that Kalamazoo goods are high-class in every way. They are not made to sell, but to use, and they will do a lifetime. Send for catalog No. 165 to the Kalamazoo Stove Company, Kalamazoo, Mich., and mention The Homestead when you write.

#### FIFTY-SEVEN THOUSAND ACRES OF SOUTH TEXAS LAND FOR SALE.

The reader of The Homestead who is seeking for an investment in real estate in a locality where land values are liable to double within the next twelve months, should read the advertisement that appears on page 22 of this issue of the Gulf Coast Land & Townsite Co., of Guthrie, Okla. This company owns 57,000 acres of land in southern Texas, 70 per cent of which they claim is fine agricultural land, the balance good pasture. There is a railroad running through the tract with a town site and station already located thereon. Ten thousand acres of this land has already been surveyed and is now ready for settlement. The tract is located fifty miles from the gulf and in an ideal climate, where oranges, lemons, figs, grapes and peaches grow to perfection. They also have 50,000 acres of level prairie land, free from brush, within sixty miles of the coast and within two miles of a railroad. The cost at which they are selling the land can be found by a perusal of the advertisement. For further particulars address the company as above. Their advertisement appears on page 22 of The Homestead.

#### A PROSPEROUS BUSINESS THAT IS NOW A QUARTER OF A CENTURY OLD.

It is only in recent years that business firms in this country have been able to point backwards to any considerable period of existence in the commercial world. We now have some firms, however, that can rightly claim prestige by reason of having faithfully catered to public needs during a long period of time. Such a firm is the Reliable Incubator and Brooder Company, of Quincy, Ill. The year 1907 marks the twenty-fifth anniversary of the establishment of their business. The estimate placed by the public upon the product of this firm is evident by the constant patronage and increasing trade which they have enjoyed during the past twenty-five years. Their trade has grown to such extensive proportions that the name "Reliable" in connection with incubators, brooders and poultry supplies is known all over the world; in fact, their goods have come to be recognized among poultry producers as a standard for excellence and reliability. It has been the constant aim of this concern to keep abreast with the times and to manufacture a strictly high-grade line of goods. Their catalog this year they have styled their silver jubilee edition. It is an interesting book of 136 pages. Those desiring it should address Reliable Incubator and Brooder Company, Quincy, Ill., mentioning The Homestead.

#### HEALTH, WEALTH AND HAPPINESS AT FALFURIAS, IN THE GULF COAST COUNTRY.

Three things that man wants most are health, wealth and happiness. There is no happiness without health, and very little happiness without some wealth. While the people of the North were shivering around their stoves at Christmas time, the people in the Falfurias district in the Texas Gulf Coast country were gathering strawberries, oranges and other fruits. One man who went to the coast country with a view of buying land, told the writer that there were fourteen different kinds of vegetables on the table where he took his Christmas dinner. This is certainly remarkable, and surely has a tendency to create health. Speaking of wealth, it would seem that where land is \$100 to \$150 per acre and crops pay 5 per cent on the investment, or at most 10 per cent, it would seem pretty hard to become very wealthy. Furthermore, it would take all the energy the farmers have to make in summer enough to keep them through the winter. In the Falfurias district you can buy land for one-tenth of the above amounts and make ten times as much per acre. Why will you work six months simply to live the other half of the year? Why not go to Falfurias and live every day in the year and still make money. What will the farmer do who has a big family and who has the welfare of his boys and girls at heart, with his 160-acre farm? Can he cut it up and give each one a small tract and

I put MACBETH on my lamp-chimneys as I am satisfied to be known as the maker of the only good lamp-chimney.

There are other lamp-chimneys, but their makers fail to own them. It's no wonder.

My Index is useful to everyone who owns a lamp, and it's free.

Address, MACBETH, Pittsburgh.

## These Are Facts It Pays To Remember When You Buy a Manure Spreader.

**I N I. H. C. SPREADERS—Corn King and Cloverleaf**—one lever controls every operation. Operator can remain seated from time he leaves the barnyard until he returns.

Self-adjusting, vibrating rake levels the load and brings the manure up squarely to the cylinder.

Cylinder is large and runs easily, and the teeth are long, square, high carbon steel.

Apron is equipped with three sets of rollers attached to slats, running on steel tracks. Is driven from both sides and cannot bind.

Apron drive clutch is automatically thrown out of gear when load is fed out and again when apron has returned. No attention required.

Range of feed is three to thirty tons per acre with ten speeds.

Ends of apron slats are protected so that no manure can work in and bind or clamp the apron.

Driving axle is extra large—made of cold-rolled steel.

Front axle is attached to frame by means of ball and socket joint.

Chain drive, direct from rear axle to cylinder, gives easy transmission of power.

The wheels are steel with staggered spokes. Both rear wheels are fitted with lugs, affording ample traction in wet or frozen fields.

Seat is hinged so it can be turned forward and kept clean while loading.

Box is attached to frame by means of heavy steel cleats.

Frame is made of carefully selected lumber re-enforced at corners by metal braces.

That's a good deal to say of a manure spreader, and yet that is by no means all you should know about I. H. C. Corn King and Cloverleaf Spreaders before you buy.

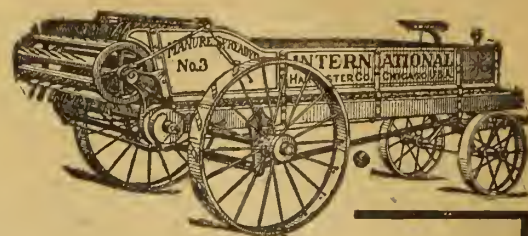
Those are the main points, and they are sufficient to indicate the superiority of the I. H. C. line. They tell you not to buy a spreader until you have seen the Corn King and Cloverleaf Spreaders.

The key-note in the I. H. C. line is strength and simplicity of construction. Strength in every part means much, for a manure spreader has hard work to do. Simple construction means that it will not get out of order, that it will have light draft and be easily operated. Those are the things you want in a manure spreader.

I. H. C. spreaders are made in two styles, Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each is made in three sizes.

Call on the Local Agent or write for catalogues.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U. S. A.**  
(INCORPORATED)



tell them to make a living? No; they would become paupers in a short time. Shall he send his boys and girls to the city to struggle and be ruined, or shall he keep them in the clean, elevating atmosphere of rural life? Why not sell the 160 acres, take the money and buy five times the amount of land in the gulf coast country, and with the balance, which he will have left, improve and cultivate the land? Ten acres in the coast country will make each family of his children and grand children a good living. Now is the time to take care of this opportunity. There is not a great deal of this land left. It will all be sold in a year or two and those that hesitate will be too late. Read the advertisement of the Falfurias Immigration Company, of Kansas City, in this issue and write for full particulars. They will send you literature about this wonderful country with its rich alluvial soil where crops pay from \$50 to \$300 per acre on land that you can now buy for \$15 to \$25 per acre.

#### A \$500 FARM.

Yes, a real farm and a house to live in, for only \$500, and good, tillable land that produces abundant crops in a section close to large markets. Perhaps this is not possible anywhere except in "Old Virginia," but it's a sure enough fact there. Not a large farm, of course, but twenty-five acres is enough for one man if he tends it properly. And the tendency today is to smaller tracts, worked "intensively," as they say at the agricultural colleges. There are thousands of men today working for wages, in shops and offices, who would be better off to look up this proposition and get to work for themselves, and their families would be infinitely better off. Nor is it necessary to have the entire amount in hand when purchasing, as easy terms of payment can be arranged to suit the circumstances of each purchaser. Any of our readers who are interested in this paragraph should write to Mr. F. H. La Baume, agricultural and in-

dustrial agent, N. & W. Ry., Box E H, Roanoke, Va., for the two pamphlets, "Back to the Country" and "What \$500 Will Do in Virginia." They contain full description of these lands, maps, etc., and are gladly mailed to anyone who will ask for them. When writing, please mention The Homestead.

#### HIGHLAND PARK COLLEGE

has grown to be one of the very largest institutions of learning in the West, purely through excellent business management. It is not under state or church control, but is a purely business enterprise. It was organized seventeen years ago by President O. H. Longwell and a company of wealthy citizens of Des Moines, Iowa, and almost \$700,000 has been expended in building it up. President Longwell has demonstrated that a great educational institution can be built up on business principles without state or church

aid. The school has nine large buildings and is as thoroughly equipped as any of the state schools. Besides doing regular college work, the institution maintains a department of education for the training of teachers; a college of pharmacy, which is now the largest college of pharmacy in the United States; a college of engineering, rapidly becoming one of the largest and best-equipped engineering colleges in the country; a business college, a college of shorthand and typewriting, a college of telegraphy, a thoroughly-equipped college of music with eleven teachers, a college of oratory and a college of penmanship and drawing. The present daily attendance, we are advised, is about 1,500 students, with an attendance annually of something over 2,000. This is certainly a record of which to be proud. The spring quarter opens February 19th, but students are admitted any day they wish to enter. Young people interested in obtain-



#### THE OLD RELIABLE ..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills.

TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog.

Bovee Grinder & Furnace Works, Waterloo, Ia.



Ruberta, first-prize yearling sow at the Iowa State Fair, 1906. She is a daughter of Tlentsln, a half brother to Crimson Wonder. Ruberta is one of the greatest sows that was out last year and she is one of the greatest Duroc Jersey sows that will be sold this season. Bred to the \$5,000 boar, Junior Jim, she should be one of the great attractions of the year. Will be sold in the F. E. Garrett sale at Lohrville, Iowa, January 25th.



ing a practical education at a thoroughly reliable institution should address President O. H. Longwell, Des Moines, Iowa, for a catalog giving full and complete information.

#### CHOICE IOWA FARMS FOR SALE.

There is advertised for sale (by the owner) on page 22 of this issue, a choice Iowa farm containing 567 acres. It is located in Kennebeck township, Monona county, and is five miles from Onawa, the county seat, and two miles from Turin, both being good railroad towns. The improvements consist of a good house (about six rooms) with brick foundation and cement cellar; large barn, nearly new with brick foundation; ample cribs, bins, sheds, hay shed, good well, windmill, etc. The buildings are well painted and in good condition and the soil is a very rich and dark loam, no rocks or sand, lies nearly level and is easily worked. About 300 acres are under cultivation and except fifteen acres, which is in good timber along the Little Sioux river on the west boundary line, the remainder is splendid farm land. As a stock and grain farm it has no superior. It is well fenced and will sub-divide nicely. The owner, Mr. Z. T. Lindsey, of Omaha, Neb., states in the advertisement that he will sell 300 acres, including the improvements, at \$75 per acre and will make a reasonable price on the remaining 267 acres which are partly cultivated and partly raw land. If interested write him for photographs of buildings which will be sent on request.

#### FARM HARNESS SOLD DIRECT TO YOU.

The way to get a dollar's worth of harness for every dollar you pay out nowadays is to buy direct from the makers. This plan of selling direct is the great business policy of the day. The wholesaler's profit and the retailer's profit bring the price of a harness far above what it should be. It is absolutely too long a way of connecting the user with the maker. Why buy harness in such a round-about way when you can buy it direct from Mr. R. M. Knox, president of the Western Harness & Supply Co., of Waterloo, Iowa? This firm ship their harness only on approval. They have perfected their system of selling direct so that they can save from one-third to one-half the price which you ordinarily pay for this line of goods. With every harness which they put out they include a guarantee of perfect satisfaction or your money back. Remember when you deal with this company that you are dealing with its president and that he is responsible for every promise that is made. Look them up the commercial agency books or ask any bank or express company about them. Now if you want a first-class harness just send in your order according to their advertisement on page 27. They will also be glad to send you a free harness hook which is full of money-saving offers. Write before you forget to this firm and kindly mention this paper when writing.

#### ARE THE CHILDREN STUDYING.

When the little bundle of books is unstrapped or hauled out of the bag and spread on the sitting room table in the evening, and the hard-thinking little heads are bending over tomorrow's lessons, do you ever see the eyes begin to blink and look tired and sleepy before it is really bed time? Yes, surely you see this sometimes. And of course the lessons are not very interesting and the little students, tired of school, would rather read a thrilling story, but, nine times out of ten, there is another reason—the light they are working by. If you have a kerosene or coal oil lamp on the table you have the right quality of light, but perhaps not enough light, and in any case it is in the wrong place. Science and practical use have proven that the light from oil lamps is more restful and healthful to the eyes than any other kind. But it has also been demonstrated, and it is only natural when you stop to think of it, that the light should be thrown downward from above, and not on a level or below the eyes of the one reading, sewing or working at anything else. It is the close, direct rays of the light that strain the eyes, makes the wearing of glasses necessary years before they would have had to be worn if proper care had been taken. Furthermore, the lamp

## Increase Your Corn Yield

### By sorting your seed corn

A uniform stand can never be obtained unless your planter drops the same number of kernels in every hill. If it is set to drop three kernels it should drop three, not two, four or any number but three **everytime**. Almost any good planter will do it if the seeds are of a uniform size but **no planter has ever been made that will adjust its plates to fit the kernels—the kernels must fit the plates. Seed corn cannot be properly sorted by hand—this is demonstrated by the fact that four, five and sometimes more stalks appear where there should only be three. The result is stunted stalks and stunted corn and therefore a waste of your good ground. There is only one possible way of securing seed corn of a uniform size—to use a**

### Morecorn Sorter

which will sort **every** kernel for length, width, and thickness—every kernel will fit the plates of your planter. After your corn is sorted by the "Morecorn Sorter" if your planter is set to drop three kernels it will drop three, 100 times out of every 100. What does this mean to you—three healthy stalks in every hill—an **increase in your corn yield of from five to eighteen bushels per acre**. Doesn't this mean enough to you to write for our catalogue and know more about this wonderful new sorter? Write for it today.

The "Morecorn Sorter" is doing away entirely with hand sorting. It is not a complicated, expensive machine, just a simple well-made sorter that will last a lifetime. Your increase in yield will pay for the sorter twice over, the first year. Many farmers make considerable extra money by sorting their neighbors' corn.

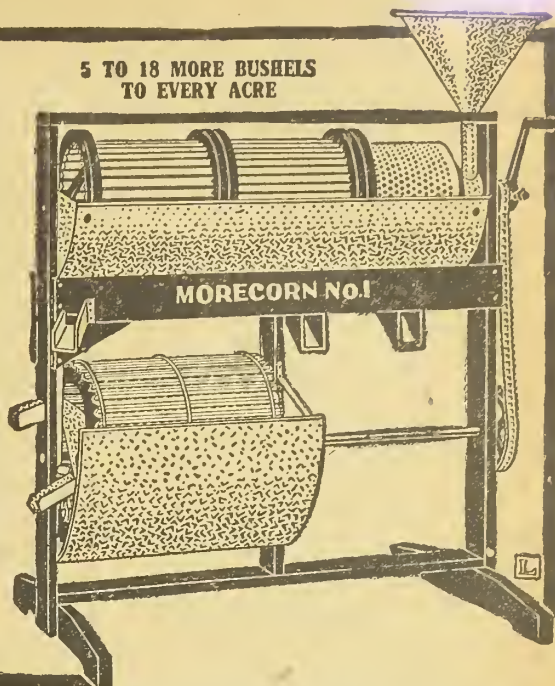
Send for the booklet. Better do it today.

### The Monarch Self Feeder Co.

95 Main Street

Cedar Falls, Iowa

5 TO 18 MORE BUSHELS  
TO EVERY ACRE



on the table is always in the way, throws off too much heat for one to remain close to it in comfort, and doesn't shed a bright light for any distance. These are unnecessary discomforts and inconveniences that the father reading his paper of an evening and the mother doing her sewing must feel just as keenly as the children over their studies. We say unnecessary, because we know of one way, at least, that our readers can overcome these difficulties, add to the appearance and coziness of their homes and still save money in the long run by doing so. It is not often that one can save money and add to their comfort at the same time, but as this clearly seems to be the case in the use of the Angle Lamp we want to advise our readers to investigate this popular method of lighting. It is constructed upon an entirely new principle, its great advantage being that it is suspended from the ceiling or attached to the side wall and throws a bright, warm, restful light downward, without any under-shadow. It gives a light which is just the opposite of those white, glaring, penetrating lights so fatal to the eyes. Yet it is fully as bright, more convenient, safer and less expensive. The Angle Lamp may be turned on or off the same as a gas jet, and no matter how long or how high it is turned it will never smoke or smell. It appears to be a wonderful contrivance, and we understand that the manufacturers are so confident of its giving complete satisfaction that they send it out on thirty days' free trial. Its money-saving feature lies in the fact that it economizes oil, a quart lasting for sixteen hours when burning full height. Our experience with ordinary lamps has been that they use a quart of oil in four or five hours' steady use. This means a big saving in a year. If our readers are interested they may write to the Angle Manufacturing Company, 78-80 Murray St., New York City, and ask for their interesting and instructive booklet "33" on the lighting question. We are sure they will be well repaid for the trouble. See advertisement on page 6.

#### THE BEST OF RIDING MACHINERY.

Walking behind farm machinery of any kind is a thing of the past and if our readers will turn to page 16 of this issue they will there see illustrated a most conven-

## DEFORMITIES CURED!

ALL PERSONS CRIPPLED OR DEFORMED, LAME OR PARALYZED, SHOULD INVESTIGATE AND SEE WHAT IS BEING ACCOMPLISHED AT THIS INSTITUTION FOR THESE CASES.

**CROOKED OR CLUB FEET** of any variety, and at any reasonable age, can be made straight, natural and useful. The methods used are mild; no cutting, no plaster paris, no severe or painful treatment of any kind, and the result is guaranteed.

**POTT'S DISEASE**, when treated in time at this Institution, will result in no deformity; paralysis will always be prevented; the health and strength of the patient is at once improved; the growth not interfered with. Plaster paris is never used.

**SPINAL CURVATURE**, even in long standing cases can be perfectly corrected by the new and improved methods in use here; plaster paris, felt or leather jackets are never employed. Names of patients recently cured, after all ordinary methods and doctors had failed to afford relief, will be furnished on application.

**HIP DISEASE** can be cured without surgical operations or confining the patient to bed. Abscesses, shortening deformity and loss of motion can always be prevented, and, if already present, can be cured. The methods used here in the cure of Hip Disease in all its stages are radically different and more successful than those generally employed. Write for information.

**PARALYSIS AND RESULTING DEFORMITIES**. For no class of afflictions has greater preparation for successful treatment been made. Deformities of the limbs, joints or feet, resulting from Paralysis, can always be corrected without surgical operations or severe treatment. Paralysis should never be neglected; children never outgrow it; it is not incurable.

**CROOKED AND DISEASED KNEES, HIPS, HANDS, LIMBS** and deformities resulting from Rheumatism are successfully treated without pain.

This is the only thoroughly equipped institution devoted to the cure and correction of deformities. Examination and consultation by mail or in person, free of all charge. References furnished on application. Pamphlets sent on request.

THE L. C. McLAIN ORTHOPEDIC SANITARIUM, 3100 PINE STREET, ST. LOUIS, MO.

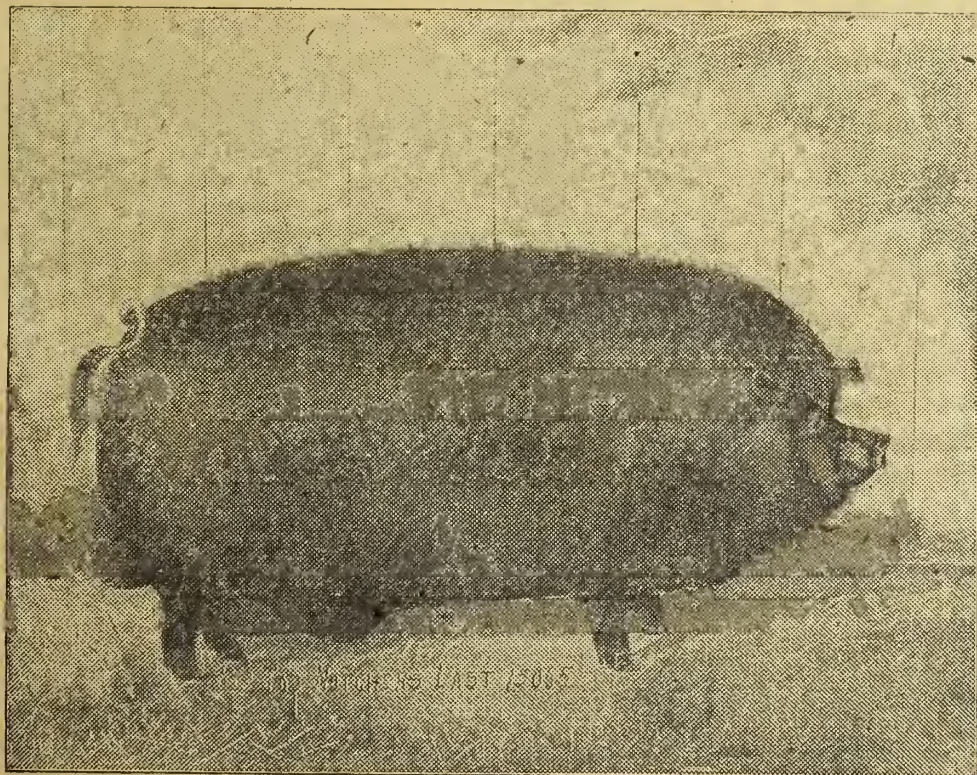
ient cart which is attached to a harrow. This will be found in the advertisement of the Rock Island Plow Company, Rock Island, Ill. This cart sells delivered at the buyer's railroad station for \$8. With four horses on a sixteen-foot harrow and one of these carts attached, one man can get over thirty and forty acres a day and he just

as fresh for the evening chores as he was when he started the day's work. A man nowadays is behind the times who walks while harrowing. Now, if you decide to cut out walking, you cannot do better than write the Rock Island Company for their descriptive booklet, which is sent free. Of course, every man in the corn belt knows that this Company makes plows of all kinds; disk harrows, planters, cultivators, hay loaders, etc. A riding plow made by this company is so planned as to place all levers within easy reach of the driver and the power of all levers is so multiplied as to make it mere child's play to plow well. Our suggestion is that each subscriber who is contemplating the purchase of new machinery of any kind should read the advertisement of the Rock Island Company carefully and send for booklet relating to the line of machinery that each are especially interested in. Address Rock Island Plow Company, Rock Island, Ill., and please mention this paper when you write.

#### GASOLINE ENGINES FOR COLD WEATHER WORK.

If any of our readers are puzzling over the use of powers we respectfully direct their attention to the Fuller & Johnson Frost-Proof gasoline engines, manufactured at Madison, Wis. We are inclined to believe all the really essential features of any gasoline engine are to be found in the Fuller & Johnson engines, and in addition we know that the manufacturers have made a special study of the matter of frost proofing. That is a most important matter to consider when a farmer is installing a power. A mechanic's work is indoors, at least his power can be, where it can be protected in freezing weather by artificial heating. Not so with the farmer. He wants a power to go wherever his work is, in the yard, the field, lot, the well, in the woods, etc. He must have an engine that is not affected by weather conditions. It can readily be seen that an engine that might be considered first class for shop work would be of very little use to the farmer, at least in certain seasons. The Fuller & Johnson people have made a very nice solution of the matter of cooling and protection in cold weather. It makes their engines specially valuable for farm work. See their advertisement on page 17 and get their catalog for particulars before making up your mind about a farm power.

The word "honest" has been shuffled around the world and looked at from so many viewpoints that it is a rather hard proposition sometimes to tell just what it actually does mean. "Honest Construction" is the subject of the Litchfield story this week on page 5. Read it.



Top Notcher's Last, the last son of Top Notcher, one of the most noted Duroc boars the breed ever produced. This boar was first in class at the Ohio State Fair, 1905, second at same fair in 1906, and first at New York State Fair, 1906. A number of gilts sired by this noted boar are included in the forthcoming sale of Messrs. Watt & Foust, of Cedarville and Xenia, Ohio.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Jan. 18, C. E. Olsen, Colon, Neb.  
 Jan. 18, E. M. Castle & Son, Joy, Ill.  
 Jan. 19, August Voigt, Portsmouth, Iowa.  
 Jan. 19, Jacob Wernsman, Cedar Bluffs, Neb.  
 Jan. 21, J. E. Rowe, Stockham, Neb.  
 Jan. 21, M. A. Cromwell, Gilbert Station, Ia.  
 Jan. 21, Grant Hockett, Manning, Iowa.  
 Jan. 22, G. W. Post, York, Neb.  
 Jan. 22, Hanks & Bishop, New London, Iowa.  
 Jan. 22, Jno. Weighthon, Audubon, Iowa.  
 Jan. 23, J. A. Smith, Sciota, Ill.  
 Jan. 23, G. W. Baker & Sons, Pawnee, Ill.  
 Jan. 23, Peek & Putman, Tecumseh, Neb.  
 Jan. 24, Stansell & Matern, McNabb, Ill.  
 Jan. 24, J. E. Weber, Portsmouth, Iowa.  
 Jan. 24, Reil & Cooper, Ferris, Ill.  
 Jan. 24, Gus A. Pederson, Ocheyedan, Iowa.  
 Jan. 24, Paul Groupe, Tecumseh, Neb.  
 Jan. 25, F. E. Garrett, Lohrville, Iowa.  
 Jan. 25, N. B. Cutler, Carthage, Ill.  
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.  
 Jan. 29, Grant Chapin, Green, Kan.  
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.  
 Jan. 29, Claude Huffman, Scranton, Iowa.  
 Jan. 29, Frank Vrtiska, Pawnee City, Neb.  
 Jan. 30, J. O. Hunt, Maryville, Kan.  
 Jan. 30, J. C. Danner, Yale, Iowa.  
 Jan. 30, O. E. Osborn, Weston, Iowa.  
 Jan. 30, S. R. Quick & Son, Gosport, Ind.  
 Jan. 31, Combination Sale, Martinsville, Ind.  
 Jan. 31, C. E. Pratt, Frankfort, Kan.  
 Jan. 31, R. J. Harding, Carson, Iowa.  
 Jan. 31, Norrish & Bevington, Kingsley, Iowa.  
 Feb. 1, Clarence Beavers, Holmes, Kan.  
 Feb. 1, W. A. Rankin, Carson, Iowa.  
 Feb. 2, John Fultz, Marysville, Kan.  
 Feb. 4, Roy West, Bondurant, Iowa.  
 Feb. 4, Austin Renshaw, Blair, Neb.  
 Feb. 4, Henry Weber, Friend, Neb.  
 Feb. 5, Manley & Co., Lyons, Neb.  
 Feb. 5, Sundburg & Olson, Madrid, Iowa.  
 Feb. 5, Frank Alldritt, Friend, Neb.  
 Feb. 6, E. Z. Russell, Blair, Neb.  
 Feb. 6, W. R. Bennethum, Madrid, Iowa.  
 Feb. 6, J. H. Husman, Exeter, Neb.  
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.  
 Feb. 7, H. S. Allen, Russell, Iowa.  
 Feb. 7, A. F. Sundell, Paton, Iowa.  
 Feb. 8, T. H. Isaac, Red Oak, Iowa.  
 Feb. 8, E. R. Wood, Jefferson, Iowa.  
 Feb. 8, O. Osborn, Maxwell, Iowa.  
 Feb. 9, W. J. Hartung, Maxwell, Iowa.  
 Feb. 10, Arch Brown, Waterloo, Neb.  
 Feb. 11, J. Stroth, Dewitt, Neb.  
 Feb. 11, S. P. Freed, Ames, Iowa.  
 Feb. 11, J. A. Teter, Remington, Ind.  
 Feb. 11, Geo. Schwab, Clay Center, Neb.  
 Feb. 12, J. M. Morrison & Son, College View, Neb.  
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.  
 Feb. 12, John M. Morrison & Sons, College View, Neb.  
 Feb. 12, H. Rigglin and C. T. Rodgers, Petersburg, Ill.  
 Feb. 12, A. P. Alsin, Boone, Iowa.  
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.  
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.  
 Feb. 13, J. B. Davis, Fairview, Kan.  
 Feb. 13, C. W. Huff, Mondamin, Iowa.  
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.  
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.  
 Feb. 13, T. E. Laurie, Jacksonville, Ill.  
 Feb. 13, B. C. Marts, Polk City, Iowa.  
 Feb. 13, Bill East & Son, Clay Center, Neb.  
 Feb. 14, Shotwell & Menefee, Polk City, Iowa.  
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.  
 Feb. 14, Gilbert Van Patten, Sutton, Neb.  
 Feb. 14, B. W. Hale, Ladonia, Mo.  
 Feb. 14, White Hall, Yellow Springs, Ohio.  
 Feb. 15, G. E. Everts & Son, Audubon, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Mauplin & Applegate, Shelby, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 15, Hosea Wilson, Blair, Neb.  
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.  
 Feb. 16, Clark & Tryon, Wausau, Neb.  
 Feb. 16, John Lydon, Beldon, Neb.  
 Feb. 18, J. E. Poush, Charlton, Iowa.  
 Feb. 19, J. H. Habenicht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, John Black, Randolph, Neb.  
 Feb. 20, S. F. Briggs, Seward, Neb.  
 Feb. 20, B. R. Miller, Randolph, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, E. R. Miller, Randolph, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 21, Geo. Nordyke, Allen, Neb.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. C. Holmes, Osmond, Neb.  
 Feb. 22, R. A. Tawney, Pierce, Neb.  
 Feb. 22, W. L. Addy & Son, Parnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, A. W. Harris & Son, Waverly, Ky.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 23, S. R. Murphy, Savannah, Mo.  
 Feb. 25, Wm. Sanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Blessing, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pittman, Lohrville, Iowa.  
 Feb. 28, Geo. Karchner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Feb. 28, Geo. W. Custer, Merville, Iowa.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.

## GRAND CHAMPION DUROC CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.  
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.  
 Feb. 2, Thomas & Hogsett, Golden, Ill.  
 Feb. 5, Fagan, Browning, Hess & McCabe, Hersman, Ill.  
 Feb. 6, Ed A. Baxter, Pawnee, Ill.  
 Feb. 7, Fred Kraschel & Son, Macon, Ill.  
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

## JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

## POLAND CHINAS AND SHORT-HORNS.

Feb. 28, J. A. Penn, Alta, Iowa.  
 Mar. 6, Schnieder Bros., Dana, Iowa.

## ABERDEEN ANGUS AND POLAND CHINAS.

March 27, J. H. Eno, Havelock, Iowa.

## THOROUGHbred HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS.

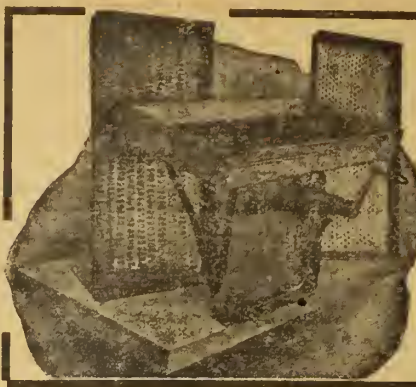
Jan. 21, Combination sale, at Red Oak, Iowa, Jno. M. Bixler, Mgr., Corning, Iowa.  
 Jan. 23, F. A. Edwards, Webster City, Iowa.  
 Jan. 30, Combination sale at Shenandoah, Ia., C. F. Mitchell, Mgr.  
 Feb. 6, Geo. H. Miller, Harlan, Iowa.  
 Feb. 7, A. B. Garrison, Beattie, Kan.  
 Feb. 12, H. H. Hess & Sons, Surprise, Neb.  
 Feb. 15, A. H. Mattson, Loomis, Neb.  
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 21, J. Lefebvre, Fairfax, Iowa.  
 Feb. 26, Isaac Novinger & Sons, Kirksville, Mo.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 Mar. 13, Combination sale, A. B. Clark, Mgr., Wayne, Neb.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 28, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Haigner, Vinton, Iowa.

## ABERDEEN ANGUS.

Feb. 4, G. W. Fink, Maryville, Mo., dispersion sale, Hal T. Hooker, Mgr.  
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.  
 Mar. 7, C. H. Seibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 28, C. J. Martin, Churdan, Iowa.  
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

## POLAND CHINAS.

Jan. 12, H. C. Dawson & Sons, Endicott, Neb.  
 Jan. 24, Young & Duncan, Madison, Neb.  
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.  
 Jan. 29, John Schmlader, Remsen, Iowa.  
 Jan. 29, Geo. Regennitter, Bennett, Iowa.  
 Jan. 29, Snyder Bros., Winfield, Kan., and Stryker Bros., Fredonia, Kan., at Fredonia.  
 Jan. 30, C. A. Steel, Ogden, Iowa.  
 Feb. 2, Bert Fry, Plainfield, Iowa.  
 Feb. 5, Henry Dorr, Remsen, Iowa.  
 Feb. 5, H. B. Moats & Sons, Villisca, Iowa.  
 Feb. 6, A. B. Garrison, Beattie, Kan.  
 Feb. 6, Shannon & Bock Bros., Storm Lake, Iowa.  
 Feb. 7, Bridgford & Nesbitt, Aledo, Ill.  
 Feb. 7, W. I. Toop, Auburn, Iowa.  
 Feb. 8, T. J. Charles, Republic, Kan.  
 Feb. 8, J. C. Hardman, Brayton, Iowa, and Lon Hamilton, Kearney, Neb., sale at Council Bluffs, Iowa.  
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.  
 Feb. 11, Dan Needham, Woodward, Iowa.  
 Feb. 12, H. H. Hess & Son, Surprise, Neb.  
 Feb. 12, Jas. Watson, Madrid, Iowa.  
 Feb. 12, Reubel Bros., Rockwell City, Iowa.  
 Feb. 13, E. D. Keasey, Wiota, Iowa.  
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.  
 Feb. 15, Peter Mouw, Orange City, Iowa.  
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.  
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.  
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.  
 Feb. 19, L. L. Hedglin, Boelus, Neb.  
 Feb. 20, H. C. Neal, York, Neb.  
 Feb. 20, W. J. Crow, Webb, Iowa.  
 Feb. 20, N. C. Bassett, Jefferson, Ia., sale at Brookside Farm, one mile east of Farlin.  
 Feb. 21, T. A. Davenport, Belmond, Iowa.  
 Feb. 21, W. N. Booth, Danbury, Iowa.  
 Feb. 22, Chas. Cook, Danbury, Iowa.  
 Feb. 22, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 22, E. N. Bergren, Stanton, Iowa.  
 Feb. 26, J. E. Walker, Anita, Iowa.  
 Feb. 27, W. W. Wheeler, Harlan, Iowa.  
 Mar. 7, Sanquist Bros., Oakland, Neb.  
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.



## DELANY'S IMPROVED SEED CORN SORTER

Is cheap, easy to operate, makes positive separations and has large capacity.  
 It removes all dirt and chaff which tend to clog the planter, thus enabling the latter to do its best work.  
 It holds the corn until a perfect grade is established and does not allow good seed to fall over with the bad.  
 The time saved in planting will more than pay for it, not counting the increased yield caused by its use.  
 Hundreds of machines in successful operation.  
 Send for free Seed Corn Booklet C, showing our line of Sorters. Get your orders in early.

J. F. DELANY, COLONA, ILLINOIS

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS AND DUROC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.

## PERCHERONS.

Jan. 25, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, J. M. & J. C. Robison, Towanda, Kan.  
 Mar. 6, W. R. Wilson, N. D. Merrill and others, Arispe, Iowa.

## REGISTERED DRAFT HORSES.

Jan. 9, 10, 11, Breeders' sale, Bloomington, Ill., C. W. Hurt, Arrowsmith, Ill., Mgr.

## THE ONLY WAY DUROC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.

Feb. 20, John Schrother & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.

Feb. 21, Frank M. Erschen, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

## JACKS AND JENNETS.

March 1, W. J. Finley, Marshall, Mo.

## SHORT-HORNS AND ABERDEEN ANGUS.

Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Gilssman, South Omaha, Neb.

## O. I.-C. HOGS.

Jan. 18, Allen Bros., Russell, Iowa.

Feb. 6, 7, O. L. Kerr Est., Independence, Mo.  
 Feb. 13, Jas. A. Polley, Adaza, Iowa.

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.

April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.

April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.

May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.

June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HEREFORDS.

Feb. 1, combination sale, Harlan, Iowa, F. W. Hann, Mgr.

Feb. 9, W. H. Leslie, Auburn, Iowa.

Feb. 14, Peter Mouw, Orange City, Iowa.

Feb. 21, J. M. & J. C. Robison, Towanda, Kan.

Feb. 27, 28, Combination sale at Kansas City, Mo., C. R. Thomas, Mgr.

May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.

June 18, Hood & Baker, Dunlap, Iowa.

## FIELD NOTES.

Mr. Grant Summers, of Malvern, Iowa, is offering a few good Duroc Jersey boars for sale.

Chester White boars and bred sows and gilts are offered for sale by Mr. J. M. Janssen, of Sibley, Iowa.

Mr. E. O. Wolcott, of Gilmore City, Iowa, in sending change for his advertisement found on page 43 of this issue, writes as follows: "The Poland China bred sows I am offering for sale range in age from gilts to two

years old. They are of good size and quality and will be priced to sell."

Mr. Jas. A. Polley, of Adaza, Iowa, claims February 13th as a date on which to hold a public sale of Ohio Improved Chester White hogs.

Mr. E. N. Bergren, of Stanton, Iowa, claims February 22d as a date on which to hold a public sale of Poland China brood sows.

Mr. Clyde H. Smith, breeder of Duroc Jersey swine, Riceville, Iowa, reports that all of his Duroc Jersey boars are sold. He is offering for sale in his advertisement on page 45 of this issue a few choice gilts sired by well bred and popular boars.

Messrs. Norrish & Bevington, of Kingsley, Iowa, breeders of Duroc Jersey swine, announce in their new advertisement on page 35 that all their boars are sold and that they wish Homestead readers to write for their catalog for their bred sow sale which takes place January 31st.

Mr. D. M. Norton, of Sanborn, Iowa, writes: "I am all sold out of Shropshire ewes, but am expecting a new importation from Canada about February 1st. Perhaps it would be well to discontinue my advertisement for a time, as I am tired of answering letters. The Homestead brings results."

Mr. George Karchner, of Wilcox, writes us January 1st the following: "My Durocs are all doing fine. I have disposed of all my male pigs and could have sold many more. I am getting inquiries right along for gilts, but am holding them for my spring brood sow sale, which will be held February 25th."

Mr. A. Latimer Wilson, importer, of Creston, Iowa, writes that he will have twenty black Percheron stallions to land on the steamship "Minneapolis," January 20th at New York, and will be in his stables by January 26th. One of these stallions will be reserved and he will sell the choice of the balance at \$1,000.

On February 6th, Mr. George H. Miller, of Harlan, Iowa, will make a public sale of forty-two head of Short-horn cattle at the sale pavilion, at which time he will sell a splendid lot of cows and heifers and an extra good bunch of bulls. Just ask Mr. Miller to send you a catalog if you are interested in Short-horns.

Don't forget the Duroc Jersey sale of Mr. August Voigt, at Portsmouth, Iowa, on January 19th. If you want a sow bred to the great boar, Kruger Lad, the first-prize state fair winner, you will have to go to his sale. One of the sensational Duroc sows of the season will be a daughter of Lafollette, bred to Kruger Lad, in this sale.

Messrs. McKeever Bros., breeders of purebred Short-horn cattle, of Farley, Iowa, write: "We wish to report the sale of a very superior young bull by Victoria's President of M. V. to Mr. Ed. Warren, of Curlew, Iowa. Mr. Warren said: 'Victoria's President is the best bull I have seen since I left the old country, and the young bulls were so much alike a man might shut his eyes and pick a good one.' We predict a scarcity of



Lady Cruger 39754a, first-prize under year sow Illinois State Fair, 1906, included in the Duroc sale of Messrs. Reil & Cooper, at Ferris, Ill. See field notes.



good young bulls and much higher prices later in the season."

The Adams Seed Company, of Decorah, Iowa, are offering re-cleaned and selected clover seed for sale in their advertisement on page 17 of this issue. They can furnish Homestead readers with medium red, mammoth alfalfa, white timothy and blue grass seed. Interested readers send to them for their catalog of garden seeds.

Mr. W. R. Webb, of central Clay county, Iowa, breeder of O. L. C. swine, is offering March gilts for sale in his advertisement that appears on page 40 of this issue. Mr. Webb in sending in his copy says: "I have thirty healthy O. L. C. bred gilts that I would like to sell to start new herds. These are bred right in every way and are right up near the top."

Mr. M. W. Savage, proprietor of the International Stock Food Company, has purchased the Angora buck that captured the first premium at the Minnesota State Fair, and also the Angora buck taking the second premium at the same fair. Mr. Savage has seventy-five Angora does on his International Stock Food Farm, located a short distance from Minneapolis.

We call attention to the advertisement of C. L. Percival Company, who handle a line of ice plows and ice tools made by Wm. T. Wood & Co., who have the reputation of making the highest grade ice-tools made in this country. A postal will bring you their descriptive circular and prices. We can recommend Messrs. Percival Company as a responsible and reliable company.

Mr. W. I. Toop, of Auburn, Iowa, has a few very choice Short-horn bulls for sale. Most of these are sired by Gondolier, the well-known Scotch bull that formerly headed the herd of Mr. C. S. Buckley, at Holstein, Iowa. Mr. Toop is pricing these bulls very low, considering their quality. If any of our readers want a good young bull they should write him at once.

A good grain and stock farm consisting of 193 acres within one mile of Macon, Mo., a town of 6,000 inhabitants, is offered for sale by Messrs. W. P. and P. A. Blackford, of Hillsboro, Iowa, in their advertisement that will be found on page 22 of this issue. There are good improvements and the farm will be disposed of at a bargain if sold before February 1st. Long time will be given and easy terms.

Mr. J. T. Scarff, of Salem, Iowa, breeder of Ohio Improved Chester White swine, whose advertisement is found on page 40 of this issue, writes: "I wish to say that I have had a splendid trade and think The Homestead the best advertising medium I have ever tried. I have sold all of my boars, but have a few good gilts left that are bred to an extra heavy-boned, lengthy, hog. I am pricing them at \$20, safe in pig."

Mr. John Weighton, of Audubon, Iowa, will sell forty head of choice brood sows in the Claremont bred sow sale on January 22d. These sows are sired by the well-known Duroc Jersey boars, Orion, Proud Advance, Ohio Chief, Improver's 2d, Top Notcher and Sensation blood lines; they are bred to Audubon, Proud Advance, Claremont's Prince and Claremont's Model. Send to Mr. Weighton for catalog and arrange to attend this sale.

Mr. James P. Spearman, of Papillion, Neb., one of the very best young live stock auctioneers in the West, has a few February dates left and will be pleased to hear from anyone wishing a first-class auctioneer. Mr. Spearman's services have given good satisfaction and he is being employed by some of our best western breeders. Any of our readers who have not already secured their auctioneer should write Mr. Spearman at once.

On January 26th Messrs. O. R. Stevenson and Lee Cantine will offer forty head of choicely-bred sows and gilts for sale. This offering is rich in the blood of Tolstoy, the sire of Crimson Wonder, Glendale Critic, Crimson Wonder Jr. and scores of others, mingled with the blood of Pericles, the hog that made Orion famous. It is the best offering they have ever made. They have always purchased the best at the sales they attended. See advertisement on page 44.

Mr. Grant White, of Afton, Iowa, breeder of Duroc Jersey swine, will hold a public sale on February 20th. At that time he will have sows for sale bred to Proud Advance 23549, Ohio Chief 2d 41607, and Proud Crimson I Am 53653, and sired by Proud Advance, Ohio Chief, and Crimson Wonder I Am, Orion and Buddy K. IV. Mr. White writes us that he will have the best offering that he has ever put through the sale ring. His advertisement in its new form appears on page 45 of this issue.

A 240-acre sheep farm, situated five miles west of Chariton, Iowa, the county seat of Lucas county, is offered for sale by Mr. W. S. Long, its owner, in the advertisement that will be found on page 22 of this issue. The farm is all newly fenced, sheep and hog tight and is principally rolling land, excepting fifty or sixty acres of bottom land. Forty acres was in corn the past year and the balance is in timothy and clover, principally clover. The farm is offered at a very low price and on reasonable terms.

Messrs. Ruebel Bros., of Rockwell City, Iowa, will hold their third annual sale of Poland China bred sows on February 12th. At that time they propose to sell sixty head consisting of matured sows, fall gilts and spring gilts. They will be bred to R's Keep On, one of the great sons of the noted Keep On 61015, and Iowa Chief by Ed Klever's Thickset. Iowa Chief is considered by them the best Thickset boar in Iowa. Some of the sows are bred to Moderator, the great young boar that Messrs. Ruebel Bros. purchased of Mr. Jno. Blain, of Pawnee City, Neb. He is an extra large, smooth hog, selected after visiting twenty-five of the best herds in Nebraska and Iowa. There will be

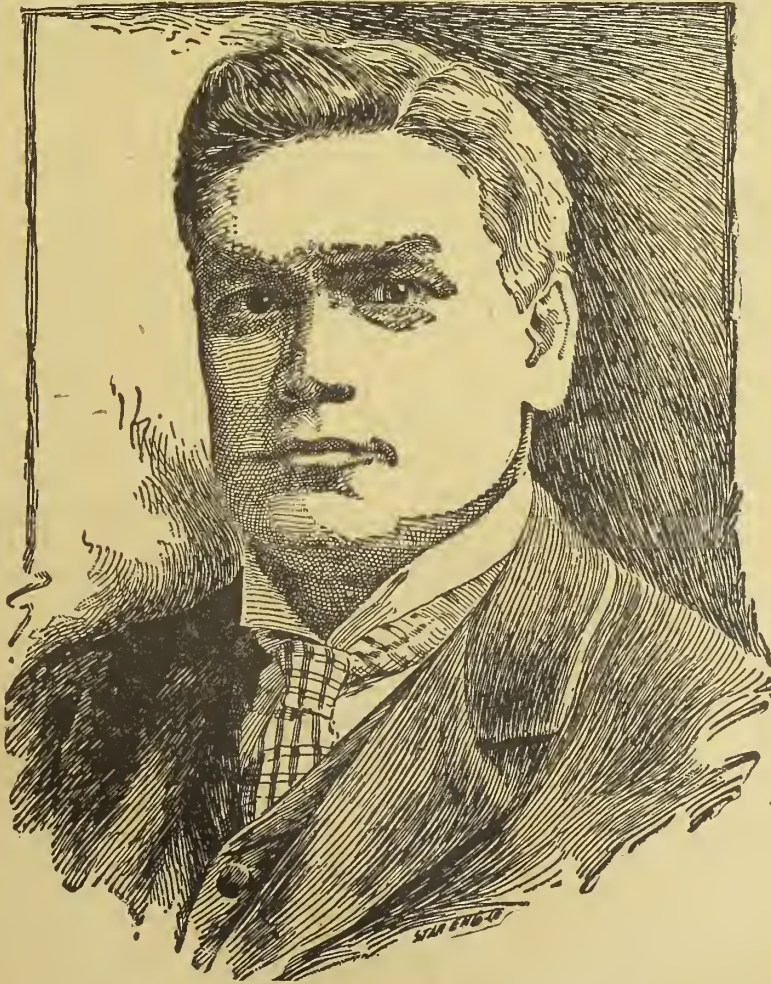
sows in this sale sired by Chief Perfection 2d, Keep On, Mischief Maker, Chief Tee, 3d and other noted boars. Homestead readers wanting size, breeding and quality can get it at this sale. Catalogs will soon be ready. Write for one today. See page 35.

Messrs. David Hood & Son, of Perry, Iowa, in an advertisement on page 34 of this issue, are offering Columbus 55th 134103 for sale. He was sired by Columbus 51875; is five years old and weighs 2,200 pounds. He was bred by Mr. Beuton Gabbert, of Dearborn, Mo. In writing in regard to this animal, Messrs. Hood say: "The reason we want to sell Columbus 55th is that we have so many of his heifers. He is a splendid bull and a half brother to the celebrated Dale. His dam is Crickett 41558. He is a grand animal."

Messrs. Rhea Bros., of Arlington, Neb., have a grand lot of Percheron stallions for sale in their barns. They have imported and home-bred horses and they can make prices on these that cannot be duplicated elsewhere. They sell their own horses and raise many of them, and consequently buyers get the benefit of their labors by getting them much cheaper than the same horse can be bought for elsewhere. It will pay any of our readers to go and see their stallions. They have some of the very best home-bred stallions we know of.

On Saturday, February 2d, Mr. Ernest Babcock, of Manning, Iowa, will make a public sale of fifty head of Poland China brood sows at the new sale pavilion. Mr. Babcock writes: "Forty big sows go into my sale all safe in pig to Brookline's Express (Illinois interstate prize winner) and the massive Long John. These sows are the best I have ever owned or seen put in one sale. Thirty head are yearlings and will weigh from 300 to 700 pounds." Write Mr. Babcock for catalog of his sale at once and mention The Homestead when doing so.

Mr. T. A. Stevenson, proprietor of the Grand View Stock Farm, Shannon City, Iowa, writes us that he still has a few choice Chester White males that he will sell at "bed rock" prices to early buyers, most of them will weigh from 225 to 250 pounds. He also has a few choicely-bred gilts, bred to Dandy Boy, one of the best sons of the champion boar, Prescott Boy, bred mostly to farrow in April. If you want to buy Angus cattle, either sex, calves or yearlings, write him for prices. He is offering some good ones at prices that cannot help but please you when you take into consideration the individuality and breeding. Four dollars buys one of his extra choice Mammoth Bronze tom turkeys, and good Barred Plymouth Rock cockerels are worth from \$1 to \$3. You can order good, all-round farm birds from him for \$1 or six for \$5 if you will order by return mail. You cannot do better than to sit down today and order your cockerels you will need this spring. He writes: "I consider The Homestead one of the best advertising mediums west of



I Not Only Say I Can Cure Catarrh, But I Have the Living Proof.

Of hundreds of cured patients who will gladly write you all about their own cases. Why experiment with so-called cures that have never demonstrated their ability to cure, when you have within your reach a treatment that for twenty-five years has been curing cases just like yours?

F. C. Stofferahn, Lake Park, Iowa, writes under date of Dec. 5, 1906: "I do not think it will be necessary for me to use any more medicine, for I am entirely cured. I thank you ever so much, for I feel as good and strong as I ever did in the past six years."

Morgan Ford, Hamburg, Pa., writes under date of Dec. 30, 1906: "I feel as though I were renewed. I am so grateful to you, as I have had a very heavy burden to carry; my head is better, my nose is always open and I can hear again. I will always recommend your medicine to my afflicted friends."

William Beckett, Sharpsburg, Iowa, writes

under date of Dec. 4, 1906: "I am feeling so well that I am sure I do not need any more medicine. Your treatment has benefited me so much that I know I am cured. I will always recommend your treatment to all who have catarrh."

Mrs. J. W. Rowland, Arkansas Flats, Sharp county, Ark., writes under date of Dec. 22, 1906: "I had catarrh so bad that I was almost dead. My hearing is now good and eye sight much improved. I thank God for the medicine He has permitted you to prepare. I feel like a new woman and bless you for the great favor you have done me."

Rev. C. W. Turner, Columbus, Sabine Parish, La., writes under date of Dec. 9, 1906: "I cannot tell you with pen and ink how much I thank you for your treatment. I feel like a new man. I have gained eight pounds in twenty days. I feel as well as I did ten years ago. Can do more work and do not get as tired."

## PILES, FISTULA AND OTHER RECTAL, TROUBLES ARE DANGEROUS IF NEGLECTED.

BEWARE OF TREATMENTS BY MAIL. IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

ADDRESSES OF A FEW OF MY IOWA PATIENTS, CURED.

G. C. Warfield, Traer, Iowa; Mrs. W. B. McCaull, Villisca, Iowa; A. E. Miller, Vinton, Iowa; Henry Smith, Morning Sun, Iowa; G. A. Wood, Humboldt, Iowa; H. F. Opfer, Waucon, Iowa; W. Smouse, Washington, Iowa; T. O. Williams, Morning Sun, Iowa; T. J. Ochiltree, P. M., Morning Sun, Iowa; Rev. Robert Carroll, Ft. Dodge, Iowa. BOOKLET SENT FREE.

J. M. AULD, M. D.,

80 DEARBORN STREET,  
DEPARTMENT 11,

CHICAGO, ILL.

Chicago. Its proprietor always aims to give "value received" and to treat others as he wishes to be treated himself." See Mr. Stevenson's advertisement on page 40 and write for what you want in his line.

On February 5th, Mr. Henry Dorf, of Remsen, Iowa, one of the best-known Poland China breeders in northwest Iowa, will make a public sale of brood sows at his home farm, seven miles from town. He certainly is offering a grand lot of sows and gilts in this sale, and he invites all his old customers, as well as the new ones, to be present on that occasion. Readers of The Homestead should write at once for his catalog, as it will contain some of the real things in the way of up-to-date Poland China breeding. Just drop Mr. Dorf a card and ask him to send you a catalog of his sale.

Messrs. Maasdam & Wheeler, of Fairfield, Iowa, whose advertisement appears on page 46 of this issue writes: "We are receiving numerous inquiries for Percheron stallions and mares from readers of your paper in different parts of the United States. We have made a few sales in the past six weeks, but have not sold out. We still have a very choice selection of stallions and mares on our farm, from weanlings to eight-year-olds, that we offer for sale. We still have our dark gray imported four-year-old stallion sired by Besique; this horse has made quite a gain since we got him home. He is certainly a wonder in conformation, style and action. A black imported four-year-old that we have is now weighing a little better than a ton. A very richly-bred horse and good enough to go at the head of any stud of pure-bred mares. Among our home-bred stallions we have one of our own breeding, a black five-year-old, that weighs 2,040 pounds. We have used this horse the past two seasons on some of our own mares. He has all the quality one could expect to see in any draft horse. This stallion is sound and we have found him to be a first-class breeder. He is well broke and we feel that whoever is fortunate enough to get him will be pleased. We are certain that our mares, three years old and over, are safe in foal. They have

the bone and size that is needed in the draft horse and so hard to obtain. Most of the mares are broke and are steady, kind, gentle workers. They have been used in all kinds of farm work. We can sell a first-class stallion or mare from our farm more reasonable than most dealers can, quality and breeding of the animal considered."

Mr. J. D. Vorhees, breeder of Poland China hogs, Charles City, Iowa, reports in sending in his new advertisement found on page 43 of this issue, that his males are all sold and among recent sales of males he sold one to Mr. August Hartman and Mr. Emanuel Krumrey, of Bassett, Iowa; one to Mr. T. L. Hanson, of Clear Lake, Iowa; one to Mr. Ed McNamara, of Grafton, Iowa, and a bred gilt to Mr. J. W. Wagner, of Hull, Iowa. In speaking in regard to the gilts he is offering for sale, Mr. Vorhees says: "The gilts are growthy, heavy-boned, weighing 200 to 225 pounds and are sure to please. Satisfaction will be guaranteed." Prospective purchasers can reach Mr. Vorhees by long distance phone.

Mr. M. G. Arnold, breeder of Poland China swine, Strawberry Point, Iowa, in furnishing copy for advertisement which will be found on page 43 of this issue, writes: "Our males are all sold. Sales the past month were never better. Our offering now is twenty-five bred sows due to farrow in March and April. They are sired by the Great Mischief Maker, High Looker and Justice, and are bred and safe in pig to Justice and On Up. These sows will weigh from 200 to 300 pounds. They have extra fine coats, smooth and big, and are roomy sows from a pure, prolific strain and are sure to please wherever they go. They will be sold at bargain prices. We have many letters from those who have bought from us and our customers have all been well pleased. These sows were mostly grown on oats and grass, are not loaded down with fat but are very thrifty and just the kind that always produce good strong litters and raise them, too."

When the name of "McLay" is spoken, the mind involuntarily turns to the Clydesdale and all that partakes of the super-excellence in the Clydesdale. Especially is this the case with those who have attended the leading shows for the last ten years. Messrs. McLay announce in their advertisement on page 46 that they have led all others in the numbers of prizes won, at the recent International, alone winning no less than twenty-eight prizes, considerably more, so they advise us, than double that of any competitor. This would seem proof positive that the general average and high quality of their horses is unsurpassed and that anyone who selects a stallion from their stud cannot well go wrong. Everyone interested should send for their new catalog. The name of "McLay," also, as it has become better and better known, has stood more and more for that which is open and above board in all matters, and we can heartily recommend them and their horses to our readers.

On February 20th, Mr. W. J. Crow, of Webb, Iowa, will make his annual Poland China sale of the great big, rangy, deep-bodied brood sows, and he has selected the best he has for this occasion. Mr. Crow breeds the "big ones" and is making a reputation for himself along this line. These sows will be mostly sired by his three herd boars, Crow's Model, Up To Date and Look Here, and out of large, heavy-boned, prolific brood sows. These sows will be bred to the above boars and also to Corrector 2d, a son of old Corrector and out of the \$305 sow, Coro Dook, also the dam of U. S. Express, that won first and sweepstakes at the Illinois State Fair and afterwards sold to Mr. Ed Klever for \$2,500. Mr. Crow is one of the best and most practical hogmen in northwestern Iowa and he breeds the type of hog that wins over the scales. He will offer an excellent lot of the big, roomy, lengthy and prolific brood sows, and those of our readers who want his kind should arrange to be with him on sale day.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., write: "We are getting ready for our seventh annual Short-horn sale, to be held at our farm near Kirksville, Adair county, Mo., on February 26th, at which time we will offer the best lot of Cruickshank or Scotch bulls we ever raised. We have twenty of them and twelve are pure Cruickshank or Scotch. Now this will be a choice offering in individuality as well as in breeding. We have some very select herd bulls in this lot and feel confident that any breeder who will want a herd bull next spring had better make up his mind to attend our sale. We will also offer some select females that are pure Scotch which would look well in the most select herds of our country. This has been a very open winter so far and our herd has done remarkably well. We are shipping some of our fine Mammoth Bronze turkeys every few days, but we still have some very select, large, well-marked, big-boned young toms for sale; also a few hens. Please mention this paper when writing us." See advertisement on page 42.

THE LAST CALL FOR THE AUGUST VOGEL DUROC JERSEY SOW SALE.

On January 19th, Mr. August Vogel, of Portsmouth, Iowa, makes his annual Duroc Jersey brood sow sale. Those breeders who want a sow bred to the great boar, Kruger Lad, will be able to get them in this sale. He also sells a number of daughters of Tip Top Notcher and Crimson Wonder I Am 2d, the third-prize boar at Des Moines. The star attraction of his sale, however, is a daughter of Lafollette, bred to the great boar, Kruger Lad. It will interest breeders to go and see her sell. By all means,

OREGON  
VIEWS  
FREE

SEND US THREE NAMES  
and addresses of farmers  
who may move west, and  
we will send you book of  
Oregon views FREE.

OREGON  
DEVELOPMENT LEAGUE  
DEPT. 19 PORTLAND, OREGON

On request we will furnish  
authentic information as to  
farming opportunities in Oregon



plan your affairs so you can attend this sale.

#### A FEW GOOD DUROC BOARS.

Anyone wanting a good Duroc Jersey boar should write at once to Mr. Grant Summers, of Malvern, Iowa. He has sons of Crusion Wonder Again, the Iowa State Fair sweepstakes boar, and Lottie's Top Notcher, a son of Top Notcher Again. He is making the price right on these and if any of our readers want one they should write him at once.

#### HEREFORD BULLS.

The well-known Hereford breeders, Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, are offering a splendid lot of young hulls for sale sired by Imp. Passport, Sir Albany 9th, King Passport and Sir Hesiod by Corrector. These are all yearlings and they are pricing these right. If any of The Homestead readers want Hereford hulls they should write the above firm or go and see these hulls.

#### MILLER'S SHROPSHIRE.

Readers of this paper who are wanting Shropshire rams or ewes should write that old-time breeder Mr. Willard Miller, of Anita, Iowa. He has been breeding Shropshires for fifteen years and he has one of the good flocks in the state of Iowa, headed by an imported ram. He also has imported ewes, and he is selling lamb rams and ewes from these at reasonable prices. If you want a ram or a ewe write him at once.

#### HOLSTEIN-FRIESIANS AT AUCTION.

On Tuesday, February 12th, there will be sold at public auction at the sale pavilion at the Union Stock Yards, South Omaha, Neb., forty head of registered Holstein-Friesian cattle. The offering will consist of thirty cows and heifers and ten hulls. The Rock Brook Farm, Mr. H. C. Glissman, proprietor, announce that there is no better blood anywhere than that which will be offered in this sale. For catalog and other information address Rock Brook Farm, Station B, Omaha, Neb.

#### PETER HOPLEY'S STALLIONS AND MARES.

If you want a Shire, Percheron, Suffolk, Belgian or German coach stallion, write Messrs. Peter Hopley & Son, of Lewis, Iowa, or go and see their horses. If you want a few choice Suffolk fillies they have them, and they are "rip-nailing" good ones, and they are pricing them right. It will pay any of our readers to go and see them. They handle all their horses right on their farm and no man goes away from there without a horse if he really wants one. Go and see some of the best horses in the state of Iowa and he convinced.

#### BOYD'S RED POLLS.

Mr. Otho Boyd, of Virginia, Neb., wishes to announce to the readers of The Homestead that he has five extra good Red Polled hulls for sale. They are extra large, heavy-boned fellows and just the right age to go into service. This is one of the good herds of Nebraska and one can do no better if in the market for a hull than to write him for prices. The herd is headed by Richard Boy 17th by Richard Boy 5th, the first-prize bull two years in succession at the Chicago International show. These young hulls are sired by such noted hulls as Actor and Trusty and are extra good individuals. Write Mr. Boyd at once and mention The Homestead.

#### POLLED DURHAM BULLS.

On page 34 of this week's Homestead will be found the Polled Durham advertisement of Messrs. James Wilson & Son, of Avoca, Iowa, one of the leading Polled Durham firms in the West. In fact they have one of the best herds of Polled Durham cattle in the United States, and they are now offering a splendid bunch of young hulls for sale ranging in age from twelve months to two years. Their herd is headed by one of the very best double-standard Polled Durham hulls and they have some of the choice cows of the breed. Any of The Homestead readers who are looking for a good Polled Durham bull will be able to get one of this reliable firm. Kindly write them at once and mention The Homestead when doing so.

#### DUROC JERSEY BOARS AND GILTS.

In Mr. J. C. Porter's swine advertisement on page 34 our readers will find some very good young stock of both sexes of this breed offered. Mr. Porter still has a few herds of recognized breeding and he has been holding them till they were a little better grown. They are of later litters than the gilts, but are coming along nicely and those wishing to buy a boar should make it a point to see this lot, as nearly every breeder is sold out. The gilts are well grown and will undoubtedly make a profitable investment for their purchaser. There are also a few tried sows which have proven useful animals for their present owner and are safe in pig to farrow early by Duroc Challenger II. As this herd has been fed with a view of increasing its prolificacy and breeding qualities its members should prove especially good producers. The farm is right at the edge of town and fellow breeders are always welcome.

#### SMITH'S DUROC SALE.

We wish to direct the attention of our readers to the forthcoming Duroc sale of Mr. J. A. Smith, of Sciota, Ill., as advertised on page 45 of this issue. Mr. Smith has been breeding Duroc Jerseys for a number of years and has selected the tops of the season's crop, together with a number of yearling and aged sows that are a credit to any herd for this sale. This stock is not hurried up with corn, but is in excellent condition to do the breeder and farmer much good. Thirty-five head have been selected for this occasion, and they represent the get of Long Notcher by Tip Top Notcher; J. I. C., a son of the noted sow and breeding boar, Kant Be Beat, and Cedarvale Queen VIII., first-prize and junior champion sow at the World's Fair; Major R., Tip Top Notcher, Stoner's Improver, and others of equal merit. The sows are bred to Conway 55395 and Hanley S., 55399, a son of the show and breeding boar, Hanley. The breeder and farmer will find in this offering stock that is bred right, fed right and will be profitable if reasonably cared for. The catalogs are now ready and will be sent to those who write for same, kindly mentioning The Homestead as per the advertisement on page 45 of this issue. Those who cannot be present should send bids to Mr. D. M. Pierce, representing this paper, in

care of Mr. Smith. Such bids will be properly handled. Plan to be present sale day. P. W. PERFECTION FOR SALE.

On page 34 of this week's Homestead will be found the advertisement of Mr. H. Fessenden, of Clarinda, Iowa, who offers his well-known herd boar, P. W. Perfection 28577, for sale, or he will trade him for a No. 1 good bred sow of the large type. He is a son of Chief Perfection 2d and is out of a Chief Tecumseh 2d dam. He guarantees him a sure breeder. He was the sire of a great deal of the Rood-Fessenden sale stuff that made an average of \$50.30 last November. He also has eight boar pigs by him and out of his two noted sows, Giantess 2d and Nelson Superior, farrowed last August. He says they are growthy and heavy-boned fellows and will make good herd boars. Write him at once about these.

VRTISKA SELLS BRED SOWS, JANUARY 23TH.

On January 29th, Mr. Frank Vrtiska, of Pawnee City, Neb., will hold his first annual sale of Duroc Jersey bred sows, and he is offering the very best he has in his herd. There will be thirty-five head of matured sows, yearlings and gilts, all of extra good size. They are bred to a son of Proud Advance 23349, one of the highest-priced Duroc Jersey boars ever sold. Some of them are bred to Chief Kant Be Beat, a grandson of Kant Be Beat, the \$2,500 boar. There are sows in this sale that are extra good and are of the most noted strains of the breed. Mr. Vrtiska has used six different boars this fall and has quite a combination of good breeding. The gilts are a very uniform lot and in nice condition. Mr. Vrtiska extends a very cordial invitation to those interested in this breed to attend his sale and he hopes to show them a bunch of sows that are worthy of their inspection. Write him for a catalog and mention The Homestead.

STANSELL & MATERN SELL DUROCS JANUARY 23TH.

We wish to call the attention of our readers to the forthcoming Duroc Jersey sale to be held at McNabb, Ill., on January 23th, by Messrs. Stansell & Matern. These two breeders need no introduction to the Duroc fraternity for they have been breeding and selling good Durocs for several years. They have been liberal patrons at some of the most important sales and have secured some of the best of the offerings presented to the public. At the head of their herd they are using Chief of All, he by Chief of Ohio, a litter brother to Ohio Chief. This boar is three years old and is one of the smoothest boars seen by the writer in his travels. Not only is he a good individual, but he is a good breeder as well. He is assisted by Kant Bee, one of the best sons of Kant Be Beat and his dam is by Top Notcher. Breeders should realize that this breeding is as fashionable as the breed has produced, and the nick which will result when the get of one of these boars is bred to the other cannot result in any-



EDDYSTONE

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### Simpson-Eddystone Black & Whites

You can make two beautiful and stylish dresses with Simpson-Eddystone Prints at the price you often pay for one of other materials. Enduring quality. Some designs have a new silk finish. All are fast color.

Ask your dealer for Simpson-Eddystone Black-and-Whites. Three generations of Simpsons have made Simpson Prints

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.



that would be attractive in any good herd. Some of the best sows are bred to him. Others are bred to the old herd boar, Sir Lester, a son of Higgins' Model, that has sired most of the good stuff Mr. Rowe has been able to produce the last two years. A number of the gilts are bred to J. P. Advance, a son of Jumbo Paymaster, others to Billy Boy by Billy Medoc. If you are looking for a show sow or some good, useful brood sows, you can't afford to miss this sale, as they can be found here. Catalogs are now ready and will be sent to anyone who wishes one. Col. T. C. Callahan will do the selling, and mail bids may be sent to him or to Mr. Ray Page, of The Homestead. Parties may reach this sale by the way of Aurora or drive from Sutton, which is on the main line of the B. & M. Those coming from the west can reach these over the Northwestern from Hastings or Harvard, arriving at Stockham at 11 o'clock. Don't miss this sale. Mr. G. W. Post sells the day following. See page 42.

THE M. S. MOATS PERCHERON HORSE AND MULE SALE.

On Friday, January 25th, Mr. M. S. Moats, one of the best-known horsemen in northeast Nebraska, will make a public sale of Percheron-hred horses and mares at his home farm near Randolph, Neb. A large per cent of the mares in the sale will be sired by McMahon 23340, a son of the well-known Percheron stallion, McMahon 23340, and out of one of the greatest mares ever used in the state of Iowa—Maid of Orleans. This horse was formerly at the head of the Moats stud, and after using him for seven or eight years he was sold at public sale for \$1,200. We will say to readers of The Homestead that there never was a stallion in northern Nebraska that left as many good colts as did McMahon. The McMahon mares that go into the sale will all be bred to his present stallion, Blackbird 33756, a coal black stallion bought of Mr. M. L. Ayres. He is a topky fellow, with lots of style and action and a

part with him for they know the worth of this boar as a breeder. His sire was Echo King, and his dam was by Corrector, a boar which did much for the good herd of Mr. J. D. Nidlinger. Stoner's Improver is more than a half brother to Wilda, the sow which topped Mr. Nidlinger's 1905 sale at \$385. A number of very good gilts go into this sale bred to Stoner's Improver. They have plenty of scale and bone and stand on the best of feet and legs. Another boar in use in this herd is Advance Colonel. This boar was sired by Proud Advance and his dam was by Orion. He is a litter brother to Proud Lady, the sow which topped the Manley sale last winter, going to Mr. R. J. Harding at the record breaking price of \$1275. A nice lot of gilts by this boar also go into this sale. The get of another boar of unusual merit are those by Ohio Ben. Messrs. Stoner secured this boar from Mr. Ira Jackson. He was sired by Chief Surprise by Chief of Ohio, he a full brother to Ohio Chief. Ohio Ben is a litter mate to the sows which Mr. Jackson showed at the Illinois State Fair 1905, that won first and second in the under year class. Mr. Remley's stock is bred to J. I. C., one of the best sons of Kant Be Beat and out of Cedarvale Queen VIII., junior champion sow at the World's Fair. Both of these consignments are of the high class which breeders have always had the opportunity of hiding on at this place. Those interested in good Durocs should write at once for catalog as per the announcement on page 25 of this issue. Further particulars regarding the offering will be found in these columns next week. Parties who cannot be present on sale day may send bids to Mr. D. M. Pierce, in care of Messrs. Stoner. Kindly mention The Homestead when writing.

#### KRASCHER'S DUROC JERSEY SALE.

When Messrs. Fred Kraschel & Son, of Macon, Ill., invite breeders to come to one of their sales they can rest assured that the offering will be of the very best. These gentlemen have been breeding Durocs for a number of years and have been showing Durocs at the leading state fairs east of the Mississippi river for the past five years. They have been among the leading breeders of Illinois, and have done much to put the breed into the high place it now occupies in that state. This result has not been brought about by letting the other fellow do the pushing and then claim the credit, for in that case nothing would be accomplished, but by breeding good hogs and supporting their fellow breeders in their endeavors to succeed. Messrs. Kraschel have built up a clientele that will always stay with them. Their principal herd boar is Gold Cloud. He was first and champion at the Illinois State Fair in 1904, and is the sire of much good stuff to be found in the central West. The other boar in service is Mayor Jr. He was first in class at the Illinois State Fair in 1905 and was only defeated for championship honors by Buddy K. IV., a hog that needs no introduction to readers of this paper, and one bred by Messrs. Kraschel. A man's work is his best recommendation. So it is with Messrs. Kraschel. Their stock is of the sort that goes out and does something for the purchaser. These gentlemen never have any difficulty in disposing of their surplus stock and in many cases they are compelled to go out and buy to supply the demand. Last winter they topped several of the good sales of the year, and have made it a rule that the question of price was not to be considered when the individual was of the right type and the breeding was of the high sort which these gentlemen demand. We wish to recommend this firm and their stock to our readers, and are sure that no one will be disappointed in the offering. Parties attending the Baxter sale the day before can easily reach this sale, and will be well cared for. The catalogs are now ready and will be sent to all who write for same mentioning this paper. Look up the announcement on page 25 of this issue, and write for further particulars kindly mentioning this paper. Those who cannot be present sale day send bids to Mr. D. M. Pierce in care of Messrs. Kraschel. They will be properly handled. Plan to be present at Macon, Ill., on Thursday, February 7th.

GEO. REGENNITTER'S POLAND CHINA SOW SALE.

At Bennett, in Cedar county, Iowa, Mr. Geo. Regennitter will hold his annual sale of bred sows, yearlings and gilts. Tuesday, January 29, 1907, is the date chosen and as there are no other conflicting sales and railroad connections are good the attendance at this sale should suffer no inconvenience whatever. Mr. Regennitter has made it a point to breed for size and good quality of bone. He believes these to be the first essentials in the best type of this breed. This is not saying, however, that the members of this herd do not mature early. Some of the tried sows will weigh in fair flesh 500 pounds. They are sold for no fault whatever, but have made their owner money and will do likewise for those into whose hands they are taken on sale day. The gilt offering is better than last year and number exactly a dozen head. Some of these are of March litters, while a number were yearlings in September and should be one of the strong attractions of the sale. They are chiefly bred to Iowa Perfection and Young Wonder 117033, a boar bred by Mr. Peter Mouw, of Orange City, Iowa. Come out to

## SMALL POULTRY ADVERTISEMENT BRINGS A MULTITUDE OF INQUIRIES AND ORDERS.

WELL PLEASED CUSTOMERS ATTEST THE EFFICACY OF HOMESTEAD ADVERTISING SPACE.

Mr. J. H. Howarth, breeder of Hampshire-Down Sheep, M. B. Turkeys and Rouen Ducks, who has a three-line advertisement in The Homestead, writes of his results as follows:

Homestead Co., Des Moines, Ia., Jan. 3, 1907. Gentlemen:—Our small advertisement in The Homestead is bringing us many inquiries and we are also receiving our share of orders for both ducks and turkeys. The fact that our customers are well pleased speaks well for the stock we are offering. We still have a dozen of our best Mammoth Bronze turkey toms and as many nice young hens for sale as breeders. The young toms weigh now 24 or 25 pounds and are good ones. We have also about 25 good Rouen drakes, but have sold every female Rouen duck we can spare. We appreciate The Homestead as an advertising medium. Yours truly, J. H. Howarth.

thing but something good. The individual merit of the offering is in keeping with the breeding. The sows have not been hurried up with corn, but are in good breeding conditions, so that they will farrow their pigs well and be good mothers. Another boar that has been used in the herd is Peace-maker. He is a son of the state fair winner, Perfection Chief, now in service at the head of Messrs. E. M. Castle & Son's herd at Joy, Ill. A son of Hanley is doing good service. He is called Red Gift and bred to gilts by Chief of All, or Kant Bee should produce something good. In our next issue we will have more to say regarding the offering individually but would urge our readers to write at once for catalogs, kindly mentioning this paper, and plan to be present sale day. Bids sent to Mr. D. M. Pierce will be properly handled. See announcement on page 35 of this issue and mention this paper when writing.

ROWE'S SALE OF BRED SOWS, JANUARY 21ST.

One of the Duroc bred sow sales to be held shortly, that should attract much attention among breeders of the corn belt, is that of Mr. J. E. Rowe, of Stockham, Neb., January 21st. He is offering forty head of strictly high-class sows bred to three as good boars as you seldom see in one herd. He is offering for an attraction to this sale the great sow, Middle Rose Lady, first and sweepstakes sow at the Nebraska State Fair last fall. This we consider one of the best sows of the breed. She is not only a show sow, but has proven a wonderful breeder by producing sows that are as capable of winning the ribbons, as she is the dam of Proud Miss, the fifth-prize sow at Nebraska last fall in the under one year class, that will be included in this sale, and she bids fair to make as good a sow as her mother. The great yearling, Billy's Sister, will also be sold. She was good enough to win fourth in her class at the Nebraska State Fair this fall, and many competent judges thought she should have been placed higher. We wish to say right here that these are three as good sows as will be sold in one sale this winter. The offering as a whole is extra good, there being ten aged sows and thirty gilts and yearlings of much quality, bred to such boars as Billy Medoc, a son of Medoc, that was good enough to win fourth at Nebraska State Fair in a class of twenty-four good yearlings. He is a large, broad-backed, high-boned fellow, with good quality, and a boar

great breeder. There will be mares, horse colts and geldings in the sale, and a better bunch has never been sold in the state. Many of these will weigh from 1,300 to 1,600 pounds. No. 1 of catalog is the registered mare, Juliet 2362, and she will weigh 1,800 pounds. This mare is a daughter of Nubian 17467 and was bred by Mr. H. G. McMillan. She is one of the best mares in the Moats herd and he puts her in because he knows they will all want her. She is bred to Blackbird 33756 and any breeder can well afford to make a trip after her. Colie is a black mare and will weigh 1,600 pounds. Her half sister, Pet, weight 1,500 pounds, will also be sold, and both of these are bred to the black stallion, Blackbird. Jenny is a bay mare and will weigh 1,600 pounds. She was bred by the late Mr. Thos. Moser, and she is safe in foal to the registered Percheron stallion owned by Messrs. John Eason and Loyd W. Prouty. Mollie is an excellent gray mare, a daughter of old McMahon. She is a five-year-old and is bred to Blackbird. Some of the horse colts that go into this sale will be sired by Blackbird and the most of the geldings will be sired by old McMahon. Among these are horses that will make great big, spanking teams, good either for farmers or express companies. They can be mated and sold in pairs, just as the buyers want. There are also some extra fine fillies in the sale. Besides the horses he will also sell twenty head of yearling and two-year-old mules. These are all solid colors and will be in good condition. They are a thrifty lot and will make big, high-headed fellows and will make good money for those who buy them. If any of our readers want Percheron-bred mares, fillies, horse colts or geldings, or if they are looking for some cracking good young mules they should attend the M. S. Moats sale at Randolph, Neb., on Friday, January 25th. Write him at once for his nicely-printed catalog and kindly mention The Homestead when doing so. See page 43.

#### STONER'S DUROC SALE.

The last day of the Grand Champion Duroc Sale Circuit is taken by Messrs. T. W. Stoner & Son, of Henry, Ill., well known breeders of Duroc Jerseys. Mr. J. W. Remley, also contributes ten head of choicely bred females from his herd, so that the offering gives an opportunity to Duroc breeders to select from the two herds. Messrs. Stoner still have at the head of their herd the good boar Stoner's Improver. He has been in service in this herd for the past three years and Messrs. Stoner would not



this sale whether you expect to buy or not. You will see some good Polands. Catalogs are now out and a postal will bring one. Kindly mention The Homestead when writing.

BARBER'S CHESTER WHITES.

Readers of The Homestead who are on the market for good Chester White sows or gilts should read the advertisement of Mr. J. L. Barber, of Harlan, Iowa. Mr. Barber has one of the best herds in the West, and his boars are all leading prize winners and also many of his sows. If any of our readers want a well-bred sow, safe in pig to a prize-winning boar, they should write Mr. Barber at once. His prices are within the reach of all and his stock is A No. 1 in every particular. He has issued a nice private catalog, giving the breeding of all his boars and most of the sows in the herd, and if you will only send for it and read it you will be convinced that the Barber herd is a good place in which to place an order for a bred sow.

DUROC BROOD SOW SALE AT HUBBARD, IOWA.

On February 12th, at Hubbard, Iowa, Mr. Leslie Sheldon will sell forty head of selected brood sows and gilts. Our readers will find further announcement of this sale on page 34 of this issue, and we would advise those who are expecting to make purchases in this breed this spring to write for catalog and acquaint themselves with some of the numbers that are offered therein. Mr. Sheldon tells us that his offering represents such breeding as Tientsin, Hiram Chief, College Lad, Eldora's King, Nother Boy, Imperial, and others. Some of this, as will be seen, represents the blood of prize winners and there will undoubtedly be some good bargains offered. All the stock has been mated to Imperial, Indiana Chief, Advancer 2d and Iowa Top. When writing for catalog kindly mention The Homestead.

DISPERSION SALE OF POLAND BRED SOWS.

At the farm of Mr. C. A. Steele, seven miles south of Ogden, Boone county, Iowa, will be held a closing out sale of thirty-five head of bred sows and gilts on Wednesday, January 30, 1907. The sale is being held to close out the business, as Mr. Steele intends to go East. The breeding will be seen to be right, in looking over the advertisement on page 34. This stock is sold for no fault whatever, but has proved very useful in the present owner's hands. The foundation of this herd was secured from the best herds and new blood has been added at different times, so that this offering should contain some very good well-bred stock. Here is a chance to get something that will make money and probably get it at very reasonable prices. Write for catalog and plan to attend. Col. F. A. Wildman will conduct the sale and stock will be sold as represented. When writing for catalog kindly mention The Homestead.

THE HARDING DUROC SALE.

All lovers of Durocs will be interested in the sale of Mr. R. J. Harding, at Carson, Iowa, on January 31st. From the home of the great Ohio Chief, Nebraska Belle, Proud Lady and other great hogs will again come a very high class of sows and his sale will again be one of the most attractive of the year. He is selling forty head and fifteen of these will be bred to Ohio Chief. Six of these are granddaughters of the noted sow, Nebraska Belle, and they will all be bred to Ohio Chief, a cross that should prove a winner. Twenty-one are yearling and matured sows. These will be bred to Ohio Chief, R. J.'s Proud Orion, Belle's Chief I Am and Keep On Perfection. Among the good tugs is Proud Peach, an August sow by Proud Advance and bred to Ohio Chief. Dixie Bell, a two-year-old daughter of Orion Dandellon will be sold. She is bred to Ohio Chief for March farrow. In this sale Mr. Harding is selling his three-year-old sow, Pottawattamie Belle by Advance, also bred to Ohio Chief. In the past three years he has sold \$1,650 worth of pigs from her and still has twenty-three of her get on the place. He will offer six head of Proud Advance sows, three yearlings and three spring gilts, all bred to Ohio Chief. Two daughters of Nebraska Belle go in and they are bred to Keep On. He also includes Queen Perfection by the prize-winning boar, Perfection Chief. She is the dam of the good Proud Advance litter, four of which sold in his fall sale for \$286. She is bred to Ohio Chief and here is a great brood sow for the man that will take care of her and her pigs.

Mr. Harding is offering a great variety of breeding in this sale, and bred as they are should command the attention of all the best Duroc Jersey breeders. Write Mr. Harding at once for catalog and arrange to be present on sale day. If you cannot, then send your bids to the auctioneer or to Mr. M. T. White, a Homestead representative, who will attend the sale. Kindly mention The Homestead when writing.

SUPERIOR NORTHERN ANGORA GOATS.

The Northern Angora Goat & Live Stock Co., of Helena, Mont., are, perhaps, the largest breeders and shippers of Angora goats in America. It is generally known that Montana is one of the great centers for the raising of Angoras. These attractive little animals are becoming very popular, due to the fact that they are so useful in many ways. They are not only very valuable to keep the weeds and brush down on the farm, but their fleece makes very fine rugs, robes, coats and children's furs. This company is now offering a pair of these little animals at only \$10. This guarantees safe delivery. At this price they allow only one pair to a purchaser. If you have been wanting to get started in the Angora goat business for some time, now is your chance. Do not delay, but write at once to these people for their catalog and have a pair of these valuable little farm animals. When writing, kindly mention The Homestead. See advertisement on page 17.

KENTUCKY BRED JACKS.

Messrs. J. F. Cook & Co., of Lexington, Ky., importers and breeders of jacks and jennets, have opened a branch barn at Newton, Kan., in charge of Mr. J. C. Kerr. Lexington, Ky., is in the heart of the blue grass district, and the greatest jack state in the union. Two colts of their own raising, won the past season first and second at all of the principal blue grass fairs. This firm is in a position to furnish a better jack for the money than any firm in the business. Their herd jack, General Wood 950, won first in three-year-old class and sweepstakes at the Blue Grass Fair at Lexington, Ky., September 17th to 23d, 1906. Their imported Catalona and Malyorca jacks which arrived September 25th on the White Star steamer Georgia, was the largest importation ever brought to the United States. Among them was a number of premium winners, both in Catalona and on the Malyorca island. The writer is informed that this was the first importation of Malyorca jacks to this country in the past fifteen years and were selected by Mr. J. F. Cook, who spent three months in Spain and made his own selection, buying them direct and paying no



General view of buildings on the 430-acre alfalfa, wheat and stock farm—not all the buildings shown—offered for sale by Mr. W. H. Grassmeyer, of Riverdale, Neb., who will send terms and full description on request. See advertisement on page 22.

commissions. Turn to page 21 and you will find their advertisement, a part of which says that "We have more good jacks than any two firms in the United States." Write for descriptive catalog and mention this paper.

CHESTER WHITE GILTS FOR SALE.

Mr. W. H. Swan, of Atlantic, Iowa, has a choice lot of heavy-boned Chester White gilts of April farrow which he is offering for sale in his advertisement that appears on page 34 of this issue. These pigs were sired by His Majesty 15923 and are safe in pig to Captain 2d 16169. Mr. Swan writes: "The dams of these gilts took first and second at the Cass County Fair in strong competition, and the gilts took second and third. We will give everyone a strictly first-class deal, no misrepresentation. We have numerous letters from our customers saying they are well satisfied with the boars we have shipped. We will not ship a pig, under any circumstances, unless true in every particular to description. I consider my herd boar, Captain 2d, the best Chester White male in the state. He weighs 600 pounds, very



The four Poland China gilts shown in the above illustration which will be included in the public sale of Mr. R. G. Sweet, of Le Grand, Iowa, on January 22d, were sired by Iowa Boy 98403, a full brother to Lady Lucile, the champion sow at St. Louis in 1904. He was also a full brother to the champion sweepstakes boar at the Iowa State Fair, 1906. Their dam was Dude's Dutch Girl 277280, that topped Metzger's 1905 closing out sale. Two of these gilts were alternate in first and second place in under six months' class at a circuit of five county fairs last fall.

heavy boned, lengthy, broad back and these gilts, being bred to him and out of fine large sows which promise from ten to fifteen at a litter, surely ought to produce something extra good."

DUROC BROOD SOWS AND SHROPSHIRE SHEEP.

At Gosport, Ind., on Wednesday, January 30th, Mr. S. R. Quick & Sons will sell fifty head of choice Duroc Jersey sows and gilts. These have been bred to their best herd boar, a \$3,000 animal. Ten head of these are consigned by Mr. J. R. Rothrock, of Centerton, Ind. As the offering is a large one the sale will start as soon as all the trains are in, which will be prior to dinner. In the afternoon eighty head of Shropshires will be sold. They include forty bred ewes,

with plenty of size and lots of bone, bred for March and April farrow, write Mr. Escher or go and see what he offers for sale. Kindly mention The Homestead when writing him.

PERCHERON, SHIRE, BELGIAN AND HACKNEY STALLIONS.

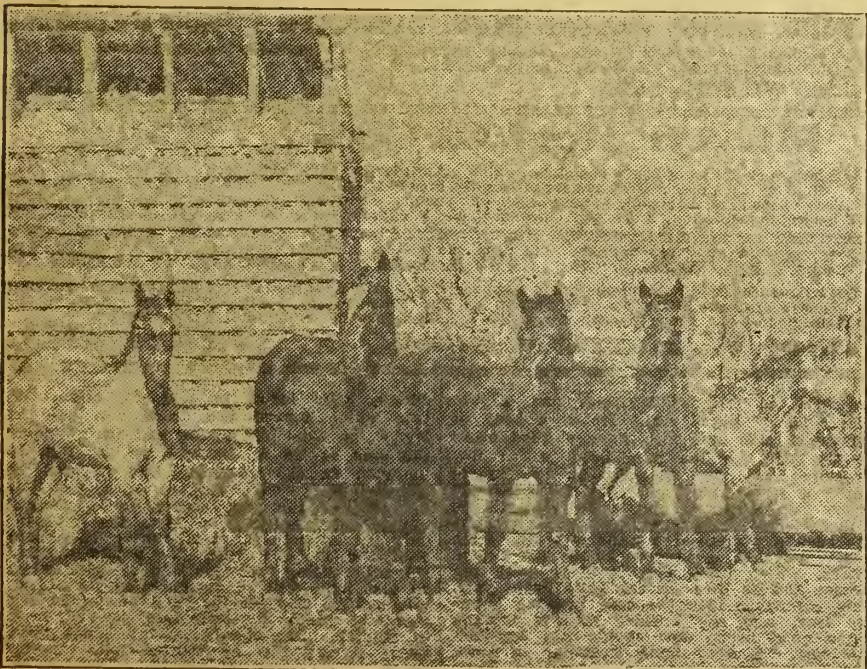
Messrs. Taylor & Jones, importers and breeders of Percheron, Shire, Belgian and Coach horses and Short-horn cattle, of Williamsburg, Ill., write: "We recently had the honor of selling one of the very best Shire stallions we have ever imported to Mr. Sherman Luttrell, of Waverly, Ill., and what is more than that Mr. Luttrell went to England last summer to buy himself a Shire stallion and after visiting many of the Shire districts of England found he could not import such a horse as he wanted as cheap as he could buy him of us; besides he has Taylor & Jones' guarantee now backing his horse, or in other words, he saved the great bother and worry of importing a horse, saved some money and has his guarantee free. It goes to show that good horses in the old country are costing a great deal more money than many people think and also bears out our advertisement that we are selling the good stallions cheaper than others and that our buying facilities and manner of doing business is not unequal. We also sold today to Messrs. Junkens & O'Neal, of Homer, Ill., an imported Shire, an imported Percheron and an imported Belgian stallion that will make their neighbors look at good ones when they unload them. Mr. W. G. Joslin, of Nebo, Ill., has just closed a deal with us for an American-bred Percheron stallion that he is well proud of." See advertisement on page 47.

SCHWAB & SONS' RED POLLS.

One of the good herds of Red Polled cattle in Nebraska is to be found on the farm of Messrs. George P. Schwab & Sons, of Clay Center, Neb. At this place breeders will find a first-class collection of cattle, including many world's fair and international winners, besides a number of choice imported stock. At the last Nebraska State Fair these breeders made a record to be especially proud of. They now have at the head of their herd Falstaff 5th 11566. He is a massive fellow, coming four years old and tips the scale at 2,600 pounds. In color he is of the rich dark red, which, together with his excellent proportions, makes him a very attractive sire. He has been undefeated at the last three Nebraska State Fairs. In produce of cow his dam's calves won first at the World's Fair and also at the International three years. He is also related to some of the International prize-winners, as his brother has been taking the International championship for three years. Falstaff's dam and grandam are owned in this herd. Another good bull now in use is Commander 15408. He and his dam won first in their respective classes at the last Nebraska Fair. At this fair last fall, in perhaps as strong a showing of cows as ever lined up west of the Mississippi, Messrs. Schwab & Sons won first and second. They have been winning a lion's share of prizes wherever they have exhibited. At the present time they have some very choice young stock for sale, principally bull calves. In any correspondence which you have with these breeders kindly mention this paper.

TRUMANS' PIONEER STUD FARM.

For many years there has appeared in these columns the advertisement of Trumans' Pioneer Stud Farm, Mr. J. G. Truman, manager, of Bushnell, Ill. It is with pleasure that we call the attention of our readers to their advertisement on page 47 of this issue, for this firm, as the name indicates, was the pioneer firm in the importing of Shire horses in America. Mr. J. H. Truman, the senior member of this firm, now residing at Whittlesea, England, in the center of the Shire district, imported Shire horses to this country in 1878, and every year since that time Pioneer Stud Farm have made importations to this country. The fact that the senior member of the firm resides in England gives this firm an advantage enjoyed by no other firm, in that the best horses the year round come under the personal observation of Mr. J. H. Truman. It is not surprising, therefore, that Messrs. Truman have been so successful in the show rings of this country. It is not necessary to go into detail regarding these winnings, for year after year at the various shows of the country the name of Truman appears in the prize list. Another very strong recommendation that this firm enjoys is the fact that they keep their old customers. They treat people right, and give them value received for every dollar spent with them. In our next issue we will have more to say regarding the horses which



A sample of some of the mares and colts that will be sold in the Percheron-bred sale of M. S. Moats at Randolph, Neb., on January 25th. Included in this sale will also be twenty head of yearling and two-year-old mules. Send for catalog at once.

ESCHER OFFERS BIG POLAND CHINA SOWS FOR SALE.

On page 35 of this week's issue will be found the Poland China advertisement of Mr. E. F. Escher, of Manning, Iowa. He is offering fifty head of sows at private sale. These are sired by Gay Monarch, his 1,000-pound boar; Perfect Chief 2d, Winsome Dude and Monarch Jr., a boar that will weigh over 900 pounds in his every-day clothes. He will sell fall yearlings, aged sows and spring gilts. Some of these are bred to the above-named boars and also to Expansion Perfection, a son of Expansion King. Mr. Escher is breeding the big kind, and his sows invariably have plenty of size and bone. One of the best sows in his herd is Wild Rose Standard by Standard Chief 2d. He sold two litters for \$727.70 and has three of her gilts now for sale. Three of her boars went to head herds. He has one fall yearling and two spring gilts out of her for sale yet, and these are all sired by Gay Monarch. Rose Monarch, out of this sow, is by old Gay Monarch and she is one of his most profitable sows. He has some of her gilts for sale also. If you want a good, practical Poland China sow, one



Messrs. Truman have in their barns at Bushnell. They keep no staid horses, for as fast as room will permit another shipment arrives from England, consequently the horses are always fresh. A beautifully illustrated catalog has just been issued and will be sent free to all who write for it as per the advertisement, kindly mentioning this paper.

#### THE X-RAY INCUBATOR.

It appears to us that in the claims made by the X-Ray Incubator Company, of Wayne, Neb., in their advertisement that appears on page 13 of this issue, there is much of interest to those of our readers who are contemplating the purchase of an incubator. The fact that two-thirds of the oil and time can be saved by using the X-Ray Incubator is no small matter when it is taken into consideration that time is a great item of expense in almost every undertaking. One filling of the lamp makes the entire hatch and the egg trays need not be moved during that time. The company have issued a catalog which they will send free and it tells all about the X-Ray incubator. We advise those interested to write for this catalog at once.

#### LAST CALL FOR THE CEDARBANK DISPERSION POLAND CHINA SALE.

One of the greatest Poland China herds that has ever been in the West will be dispersed at Fullerton, Neb., on January 25th. This sale marks the finale of the noted Cedarbank herd, whose manager has been Mr. Thomas F. Miller, as good a Poland China man as has ever raised a pig. It is with regret that such a herd will be sold, because it contained some excellent brood sows, some of which have never been offered for sale at any price. The famous old boar, Peter Sterling, one of the best sons of old Chief Tecumseh 3d, that has stood at the head of this herd, will also be sold, and as a brood sow boar we doubt if he ever had a superior in Nebraska. But he goes with the rest, and it is going to be a great place to buy the kind of hogs that have made Nebraska famous. The sows that will be sold are bred to Peter Sterling, Thickset Perfection, a son of the great Thickset, and Mischief Maker 2d, a son of the great Mischief Maker. There will be about ten of the very best Peter Sterling sows in the sale, and he will be bred to the most of the sows not related to him. A sow bred to him will be good enough to go into any herd. In Starlight he offers one of the most fancy sows that will be sold in the West. She is fancy, and is bred in the purple.

#### TOO LATE TO CLASSIFY.

## CHOICE DUROC GILTS

I AM offering a choice collection of Duroc gilts for private treaty. Some are by Roby's Crimson 44081, by Crimmon Wonder I Am 34597, and are bred to Roby's Duke O 44073, by Duke of Ohio and he by Old Kn't Be Beat 28067. Also a nice lot of choice ones bred to Roby's Crimson. This will be the best chance you'll have to get some of this famous Crimmon Wonder I Am breeding at prices that will make you open your eyes wide, quality considered. Write me your wants, brother breeders.

W. E. ROBY, TRURO, IOWA.

#### J. C. PORTER, OGDEN, IOWA

**Duroc Jersey Boars, Gilts and Trid Sows**  
OF the prominent lines of blood and of good individual merit. I have a few young boars of May litters carrying the blood of Old Advance and Orion. They are in nice shape and will go at moderate prices. Also some gilts of March and February litters, bred to a very good grandson of Tip Top Notcher, the St. Louis champion. They will farrow in March and April. Also a few yearlings and trid sows that should prove a good investment. I feed with a view to prolificacy. Farm in edge of town. Call or write.

#### DISPERSION SALE JAN. 30, 1907

**35 Poland China Bred Sows and Gilts**  
HERD is headed by Defender 88447, sired by Cor- pector 26466. The sows are sired by Perf. Perfection, L's Keep On, Top Chieftain, Mahaska and others. The gilts are a nice, clean bunch representing some excellent breeding. We have bred this stock to a Perfection boar, a litter mate of Perfection E. R. The individuality of my herd is as good as its breeding. Farm seven miles south of town. Write for catalog. Address, C. A. STEELE, Prop., Ogdén, Iowa Col. F. A. Willman, Auctioneer.

#### DUROC JERSEY BROOD SOW SALE

I Will Sell 40 Head at Hubbard, Iowa, Feb. 12, 1907.

THEY are selected brood sows and gilts representing such great boars as Nother Boy, Eldora's King, Imperial, Hiram Chief, College Lad, Tientsin and West Side, litter brother to Crimmon Wonder. They are bred to Imperial Indiana Chief, Advancer II and Iowa Top, which are all good individuals. Write for catalog. Address,

LESLIE SHELTON, Hubbard, Iowa

## COLUMBUS

55-134103

For sale Hereford sire Columbus 51875, 5 years old, weight, 2200 lbs. bred by Benton Gahbert, Dearborn, Mo. David Hood & Son, R. 4, Perry, Iowa.

#### HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once. OTHO BOYD, Virginia, Neb.

#### P. W. Perfection 28577 For Sale

BY Chief Perfection 2d, out of a Chief Tecumseh 2d dam. The sire of the gilts that averaged \$50.30 in my sale. Also have eight good young boars for sale. Address, H. FESSEMEYER, - Clarinda, Iowa

She is a daughter of the mighty Lamplighter and out of a Proud Perfection dam. She is full of quality; is a great breeder, and is bred to Peter Sterling. She always produces well with him. Orange Girl is a daughter of Orange Chief, one of the big kind of the Peter Mouw type. She is bred to Thickset Perfection for early farrow. This sow is as big as a box car and is a great breeder. The Peter Sterling sows are a grand lot of big, smooth animals, and they are great brood sows. The catalog will tell you all about them. You had better write for it at once. If you cannot be there in person, send your bids to Mr. M. T. White, representative of The Homestead, and they will be attended to. Write for catalog and mention this paper.

#### THE CANTINE-STEVENSON DUROC SALE

On January 25th Messrs. Lee Cantine and O. R. Stevenson will offer forty head of well bred Duroc Jersey brood sows at the famous Cherokee farm near Quimby, Iowa. The fact that from this farm came the great Crimmon Wonder, and for years the well known boars, Tolstoy and old Pericles, were monarch of these herds, it is only fair to presume that they will again have some good things to sell. Ohio Anna, the dam of Crimmon Wonder, left some good ancestors behind her, and their present offering has the blood of all the good ones. They are selling four choice gilts by the Great Keep On, their dam being Lucy Advance, a full sister to Proud Advance. They also sell a Top Notcher Chief gilt, bred to Crimmon Wonder Jr., that is a good one, and she will not go begging when the boys see her. There are two nice gilts by old Pericles out of an Ohio Chief sow that are choice and both of these are bred to Crimmon Wonder Jr. There are a lot more good things in this sale that would look good in any herd. The fact that so much good stuff has come from this same source is a sufficient guarantee that the boys are offering some of their best sows. Write Mr. Lee Cantine or Mr. O. R. Stevenson, Quimby, Iowa, for catalog and kindly mention Iowa Homestead.

#### SOL FRANK'S DUROC SALE.

On January 24th Sol Frank, one of the best known and most popular breeders in Northern Iowa, will hold a brood sow sale at his farm adjoining the town of Sioux City, Iowa. In this sale he will also be associated with the Messrs. Julch Brothers, who have much the same breeding, having purchased a lot of their foundation from Mr. Frank and other northern herds. There will be forty head to sell. Mr. Frank is selling his first prize interstate fair sow, Marie Antoinette. This sow was one of the greatest sows shown last fall, and she defeated both the first prize yearlings at Iowa and Minnesota state fairs. She is bred to King Solomon 41513, one of the best young boars in the state. He comes from a litter of five, all of which are heading pure-bred herds. He has also used a son of Top Notcher Chief and a son of Lottie's Top Notcher on these sows. He is putting in some of his best sows. There will be daughters of Cedar Lawn Prince, the second prize yearling boar at Interstate fair; Royal Plummer, Brighton Warder, Pericles and Waneta Hub 2d. Mr. Frank is putting in the very best he has. The Messrs. Julch Brothers' offering are daughters of American Royal, Cedar Lawn Prince, King Solomon, King James and other good boars. These will be bred to Prince James 2d 56371 and Colonel Royal 56369, a son of American Royal. Both these offerings deserve the patronage of breeders and farmers, and their sale will be a splendid place to buy. Write Mr. Sol Frank, Sioux City, Iowa, for catalog and mention Iowa Homestead.

#### LAST CALL FOR THE G. W. POST BRED SOW SALE.

With this issue we make the last report of the bred sow sale of Mr. G. W. Post, of York, Neb., on January 22d. The sale will be held at the York fair grounds, right in town, and as York is a good railroad point it will be of easy access to all who wish to attend this sale. The offering is a very good, uniform lot, consisting of forty head, mostly spring gilts by Top Notch, he by Tip Top Notcher, and conceded one of the best sons of Tip Top Notcher in the business. This hog weighed 640 pounds at twenty-two months of age and is an extra good individual. His dam was Goldie O. XXXX., the producer of more prize winners than any sow living. The gilts are a good, uniform, useful lot, and are bred to Ohio Chief I Am, a son of Ohio Chief, and surely no better cross could be expected than this. The aged and yearling sows include some of the best brood sows on the farm, one of them being the great sow, Brigg's Choice, one of the good sows of the breed, and bred to Top Notch for an early litter. She has few equals as a brood sow and anyone wishing to make a profitable addition to their herd can do no better than send a long bid on her. Mr. Post is putting in some of his very best sows, as he wishes to make this an attractive sale. This sale is the day following Mr. J. E. Rowe's, of Stockham, and is an easy railroad point. Send for catalog and arrange to attend. Send bids to Ray Page, representative of The Homestead. See page 42.

#### N. B. CUTLER OFFERS DUROCS AT AUCTION.

Some men look upon a public sale as an opportunity given them to sell their medium stock, and breeders are many times disappointed in the offerings after traveling great distances to attend some sale. The writer representing The Homestead is pleased to recommend the offering of Mr. N. B. Cutler, of Carthage, Ill. This gentleman has selected as good stock as he owns for this sale. The breeders present sale day will find upon comparison that the stock which Mr. Cutler has put into the sale includes as good a lot as he is keeping. This means much, for the prize lists at the various state fairs have included the name of Mr. N. B. Cutler many times in recent years. Eighteen fall yearlings and aged sows and seventeen gilts make up the offering. They are bred to Wonder Boy, first prize boar pig under six months and headed the first prize litter at Illinois State Fair, 1906. This boar pigs was sired by Pilot Boy, he by Pilot Wonder, and his dam was Miss Watt by Top Notcher by Orion II. The breeding cannot be excelled, and as an individual this spring boar was one of the best out at any of the fairs this season. Others

## PUBLIC SALE

### Duroc Brood Sows and Shropshire Sheep

Wednesday, Jan. 30, 1907,

In Hoghouse on Farm, One Mile S. E. of Gosport Indiana.

**50 Duroc** Sows and gilts, all bred to our best herd boars, ten to Beat Him If You Can, the \$3,000 boar. Will commence selling at 10 o'clock, as soon as trains are in.  
Mr. J. Rothrock, of Centerton, Ind., will consign 10 head.

**80 Shropshires** Forty bred ewes, some imported; thirty ewe lambs, the older ones bred for May lambs; eight young rams and two flock rams. A closing out sale, as our farm is too much bottom for sheep. We regret to discontinue sheep, as we have been breeding Shropshires profitably for a quarter of a century. Send bids to D. M. Pierce, representing this paper.

**S. R. QUICK & SONS,**  
Gosport, - - - Indiana.  
Write for Catalogs.

#### COMING SALES OF BRED SOWS

Should be advertised in

## THE TWENTIETH CENTURY FARMER.

NO OTHER farm paper reaches all our \$5,000 paid subscribers among the farmers and breeders of Nebraska, Iowa, Missouri and Kansas. Sale rates are reasonable and a field man will visit your herd if you will give him an order.

THE TWENTIETH CENTURY FARMER,  
1726 Farnam Street, - - - Omaha, Neb.

### 35 Head DUROC JERSEY SOWS AT AUCTION 35 Head

PAWNEE CITY, NEBRASKA, JANUARY 29, 1907

Representing the blood of Kan't Be Beat, Proud Advance, Ohio Chief, Improver II, Belle's Chief and other leading sires. Sale at farm two miles west and two miles north of Pawnee City, Nebraska. Write for catalog.

Aucts. Col. L. W. Leonard & Son. FRANK VRTISKA, PROP., PAWNEE CITY, NEB.

### RUEBEL BROS.' THIRD ANNUAL SALE

FEBRUARY 12, 1907.

60 POLAND CHINA BRED SOWS.

Consisting of matured sows, fall gilts and spring gilts. Bred to R.'s Keep On, one of the great sons of the noted Keep On 61015, and Iowa Chief, by Ed. Klever's Thickset. Iowa Chief is the best Thickset boar in Iowa—twenty are bred to Moderator, the great young boar we purchased of John Blain, Pawnee City, Nebraska. This was the best extra large smooth pig that Mr. Blain was able to find after visiting twenty-five or thirty of the best herds in Nebraska and Iowa. There will be sows in this sale sired by Chief Perfection 2d, Keep On, Mischief Maker, Chief Tecumseh 3d and other noted boars. If you want size, breeding and quality you can get it here. Get your name on our mailing list for a catalog.

RUEBEL BROS. - - - ROCKWELL CITY, IA.

#### TOO LATE TO CLASSIFY.

### .....NOTHING FOR SALE AT PRESENT.....

DUROC BROOD SOW SALE JANUARY 22, 1907.

Write for catalog mentioning The Homestead. HANKS & BISHOP, Props., New London, Iowa

### Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Address,

JAMES WILSON & SON, - - - AVOCA, IOWA

### Mt. Ayr Herd Of Chester Whites

WE have a choice lot of heavy boned, large gilts. April farrow, will weigh 250 to 275 pounds, for sale. Sired by His Majesty 15923, and are safe in pig, bred to Capt. 2d 16169, he by Enterprise 11545. Capt. 2d is a heavy boned hog, a splendid animal, weighs 600 pounds. Gilts are good ones; good on their feet. Will ship subject to inspection. Correspondence solicited. W. H. Swan, 910 Spruce St., Atlantic, Iowa

### KENTUCKY'S NOTED DUROC HERD

COMMODORE 13381, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d. Brood sow sale, Louisville, Ky., February 22. Write for catalog at once.

Amos W. Harris & Sons, - - - Waverly, Ky.

are bred to Peter the Great, one of the best sons of Big I Am. He is a boar of wonderful size and will make a good cross on the gilts he has been bred to. A few sows are bred to Chief O., he by Illinois Chief, a state fair winner, by Long Notcher by Top Notcher. Particular attention is called to the good sow, Iowa Queen. She has been a winner at a number of the state fairs and has produced some very good litters, which have won firsts in both pig classes and as litter at the Iowa State Fair. This sow goes into the sale bred to Wonder Boy, and the breeder who is looking for a good brood sow should not overlook this one. A very good daughter of Iowa Queen also goes in the sale bred to Wonder Boy, and the breeders present sale day will have an opportunity to see how this good sow breeds. Red Lady, third-prize junior yearling sow at the Illinois State Fair,

and a litter sister to Red Carnation, the sow which topped the brood sow sale of Mr. E. H. Deal last spring and again topped the sale at Ed A. Baxter's in the fall, is included in the offering. She is bred to Wonder Boy. This sow raised a fine litter of pigs the past season, and breeders realize that this sort of sows are not sold only as attractions. Mr. Cutler has made a liberal division with the public in this respect, putting into this sale his good ones, so that none will be disappointed. A March gilt by Tip Top Notcher and out of Golden Hatty by Major R., goes into the sale bred to Hanley. She should go into some good herd. A fall sow by Milton Orion, he by Orion II. and out of an Ohio Chief dam, goes into the sale bred to Buddy K. IV. The combination of winning blood found in this pedigree will not be disappointing to anyone and will be a welcome addition to



any herd. The offering throughout is a very good one and Mr. Cutler is deserving of the support of all breeders. If you cannot be present on sale day bids sent to Mr. D. M. Pierce in care of Mr. Cutler will be properly handled. Write for catalog at once, kindly mentioning The Homestead as per the advertisement on page 45 of this issue.

#### LAST CALL FOR THE WEHR DUROC JERSEY SALE.

On January 24th Mr. J. E. Wehr will make his annual brood sow sale at Portsmouth, Iowa. This is an event that never fails to attract in that part of the state, and the forty head that he is selling is superior in every way to anything he has sold heretofore. Fifteen are fall yearlings and aged sows, mostly sired by Munson's Perfection, the first prize boar pig at the Iowa State Fair in 1904; Bryan M., a grandson of old Duroc Challenger, and Orion's Model, by Teddy Orion. They will be bred to Proud Advance Jr., Orion's Model (a winner at Des Moines) and Minnesota Chief, a winner last fall at many of the Minnesota fairs. He is selling some good Munson Perfection gilts. One of these is a March 5th gilt out of Tessie Orion and bred to Proud Advance, Jr. She is an exceptionally good gilt, being nice in color, very growthy, with excellent bone, and is one of the best things in his gilt offering. There are two nice gilts in the sale out of Lady Wheeler and a couple out of Luella Advance (the dam of Proud Advance Jr.) He sells Perfection Belle by old King Perfection, and she is bred to Proud Advance Jr. This sow won first prize as a gilt at Des Moines in 1904, and was also in the first prize young herd at the same show. Mr. Wehr is offering a good, useful lot of sows and he deserves a good sale. He has been a good buyer himself and never fails to give a fellow-breeder a lift when he needs it. It is to be hoped that the boys will turn out to his sale and make it one of the good ones of the series. Write for his catalog and mention The Homestead when doing so.

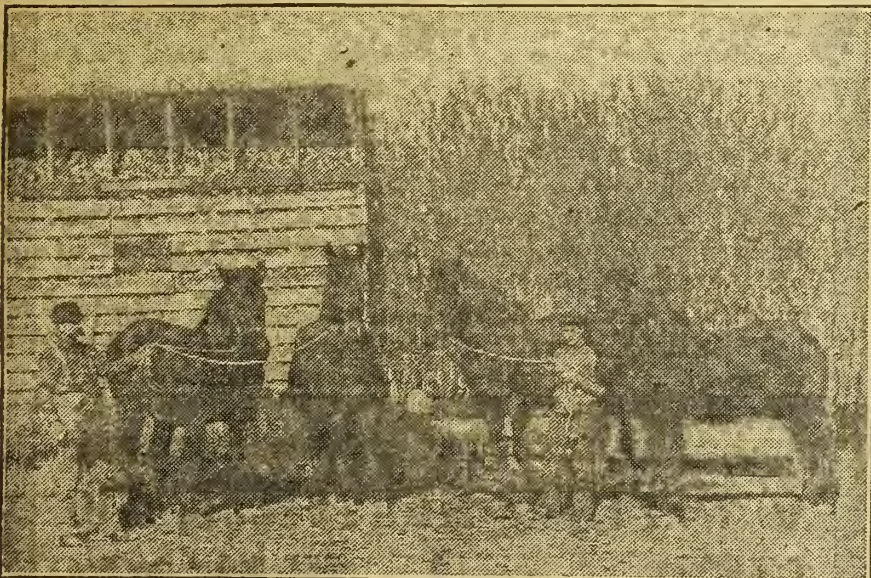
#### THE OSBORN DUROC SALE.

On January 30th, Mr. O. E. Osborn, of Weston, Iowa, will hold his great Ohio Chief brood sow sale, which promises to be one of the best sales of the season. Never before has he offered as good a lot of sows as he has selected for this sale. Included in the sale will be six Ohio Chief spring gilts, and they are good ones. Then he also

lines represented in the pedigrees of these two animals have given to the Duroc breed some of its greatest show and breeding animals. Other sows in the offering are bred to Wonder Boy, Wonder Lad (full brother to Wonder Boy), Ambition 2d (a son of Messrs. Thomas & Hogsett's sensational yearling, Ambition), Chief C., and Peter the Great. Every one of the boars just mentioned is sired by a first-prize boar at the leading state fairs of the middle West. The offering is in nice breeding condition and will be appreciated by those present sale day. The catalogs are now ready and will be sent to all who write for same, kindly mentioning this paper. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Your attendance on sale day will be appreciated.

#### THE GARRETT DUROC JERSEY SALE.

If the F. E. Garrett Duroc Jersey brood sow sale does not attract breeders to Lohrville, Iowa, on January 25th, it won't be because he is not offering some of the best things that will be sold this year. The great sow, Ruberta, winner of first-prize at the Iowa State Fair this year, and considered one of the greatest sows ever shown at Des Moines, will go into his sale, bred to the \$5,000 boar, Junior Jim. If she don't go some it won't be her fault, as she is one of the greatest sows that will go through any sale ring. Just make it a point to go to the sale and see her sell and it will do you good. He is also selling a daughter of Crimson Wonder I Am, the sweepstakes boar at Des Moines, and she is a show proposition for some enterprising breeder next year. She is bred to American Lad, a son of Iowa Wonder. Two daughters of Iowa Wonder, bred to the sweepstakes boar, Crimson Wonder, will also be sold, and as this family seems to produce the sweepstakes winners, it will not be a bad idea to secure one of these for what they are likely to do. There will be one yearling daughter and five gilts, all sired by the great Orion, and all bred to the \$5,000 boar, Junior Jim, in the sale, and they ought to go some. There will be eleven yearling sows in the sale and all have raised litters. One yearling daughter of Proud Advance and four choice gilts, bred to Junior Jim and I Am a Wonder, all go in. Four of the gilts that go in are sired by I Am a Wonder; two by Tientsin (the sire of Ruberta) bred to Junior Jim and Orion's son will be among the good ones. Ten head that go into the sale will be bred to



A sample of some of the mares and colts that will be sold in the Percheron-bred sale of M. S. Moats at Randolph, Neb., on January 25th. Included in this sale will also be twenty head of yearling and two-year-old mules. Send for catalog at once.

sells the noted brood sow Allen's Maid, bred to the great Ohio Chief, and he also sells a rip-nailing good Proud Advance yearling bred to the same boar. He has also used Brigg's Prince and Baxter's Buddy K., two splendid young boars. There will be some good daughters of old Indicator in this sale and many of these will be bred to Ohio Chief. Mr. Osborn is selling some good aged sows and some of his best yearling sows. We want to say to all Duroc breeders that they will miss a great sale if they fail to be present at the Osborn sale on January 30th. In writing about his forthcoming sale, he says: "I don't think I ever offered as good a bunch as I am selling this year. I am cataloging sows in my sale that I regret to part with, but I know that sows bred to Ohio Chief and my other boars should be of the very best, and I have therefore selected the best I have in the herd. No breeder in the land that wants high-class sows need hesitate coming to my sale. I hope to again see the best breeders in attendance, and I will not disappoint them in the offering that I will send through the ring on this occasion." We know the truth of the above letter and we request every Duroc breeder to write at once for catalog and mention The Homestead when doing so.

#### AN IMPORTANT DUROC SALE.

Thursday, January 24th, is the date selected by Messrs. Reil & Cooper, of Ferris, Ill., as the date on which they will hold their annual brood sow sale. These gentlemen have been liberal buyers of Durocs from the best herds. They have produced and shown prize winning stock at the Illinois, Iowa and Minnesota State Fairs this year, and a number of the offering are related to prize-winning stock. One of the leading attractions to be found in this offering is Lady Kruger, the first-prize under year sow at the Illinois State Fair this past year. This sow is a very good prospect to hold for the shows of the coming fall. The under year sow class was one of the strongest ever seen at the Illinois State Fair, and it is only as an attraction that this sow has been included in the offering. She is safe in pig to the first-prize boar pig at the same show, Wonder Boy. This cross should result in something extra good, as the blood

Junior Jim. Two Proud Advance gilts that he sells are out of the \$1,060 sow, S. E.'s Model, and both are bred to Junior Jim. He sells a litter sister to Ruberta, bred to Junior Jim. She raised him seventeen pigs last year. Write him at once for catalog and mention The Homestead.

#### McKEEVER'S BIG POLANDS AT AUCTION JANUARY 31ST.

One of the coming sale events that should attract attention of all lovers of the large type of Poland China hogs is that of Messrs. McKeever & Sons, of Hubbell, Neb., on January 31st. Those who are familiar with Poland China history have noted that for the past few years Messrs. McKeever & Sons have been among the leaders in placing the Poland China hog back to its present size and quality. We feel that we cannot say too much about these gentlemen, as they are to be complimented on being able to offer such a choice lot as they will run through the sale ring on this date. It will be remembered that this is the home of the large show boar, Expansion See 37198, the hog that weighed 1,125 pounds at the Nebraska State Fair in 1906. His sire was Expansion, conceded the sire of more of the good, large type of Poland than any boar living. His dam, Bess Corwin by Black Jumbo, was a producer of prize winners. Expansion See has proved a valuable sire and his get are the kind sought for by the most discriminating buyers. This fall Messrs. McKeever & Sons were in the need of a good boar to cross on the Expansion See sows and after carefully inspecting many good herds and the boars on exhibition at the leading fairs they purchased a one-third interest in the great yearling hog, Grand Look, first-prize under eighteen months at the Nebraska State Fair, also first and sweepstakes at Hutchinson and St. Joseph Interstate Fairs. Such breeding and individuality as this boar possesses are indeed rare. There will be six of the best daughters of Expansion See bred to this hog, and there surely can be no better combination of good breeding put in one sale than this. This offering that you are invited to inspect and buy at your own price consists of twenty head of aged and yearling sows, some of them the very best in the herd, twenty spring gilts that are ex-

## 40 Choice Durocs at Auction

STANSELL & MATERN, McNABB, ILL.

MONDAY, JANUARY 28, 1907

### ∴ A CHOICE LOT OF YEARLINGS AND GILTS. ∴

by Chief of All 33735 by Ohio Boy 10711a by Ohio Chief 8727 and Kan't Bee 15909 by Kan't Be Beat 10239. This offering can't be beat in breeding and individual merit. A cordial invitation is extended to all and parties from a distance will receive free accommodations while at the sale. Colonels Keil and Reppert, auctioneers. Send bids to D. M. Pierce, representing this paper.

J. B. STANSELL,  
MAGNOLIA, ILL.

HENRY MATERN,  
LOSTANT, ILL.

## PRIZE WINNING DUROC JERSEY SOWS AT PUBLIC AUCTION

The Cream of the Norrish & Bevington Herd Will Be Sold at  
KINGSLEY, IOWA, JANUARY 31, 1907.

40 Head 20 Yearling and aged Sows, The Like of Which Will Not Be Sold Again This Year. 20 of Our Best Gilts. 40 Head

Daughters of Proud Advance, Orion, Duroc King, Iowa Banker, Pericles H., De-fiance, King James, and our sensational prize winner, CEDARLAWN MODEL. They are bred to Cedarlawn Model, King James, and Sir Riley, a son of the Great Advancer. There will not be a poor sow in our sale. It is the cream of the herd we are offering in this annual sale and we hope to have all the breeders at our sale. Catalog now ready. Address

**NORRISH & BEVINGTON,**  
Col. Pat McGuire, Auct. KINGSLEY, IA.

## A. L. MOSSMAN'S BROOD SOW SALE, JANUARY 29, 1907 40 BROOD SOWS, RICHLY BRED 40

A. L. Mossman of Radcliffe, one of the Reliable Duroc Breeders of Iowa, will sell at auction on his farm, one-half mile east and 2½ miles north of Radcliffe, Iowa, under sealed and beated tent, 40 richly bred Duroc sows and gilts. Ten tried brood sows of the cream of his herd, which have proven themselves to be breeders and good mothers, no deformities, no cripples, but all useful, fine individuals with good dispositions, being gentle and kind and daughters of Tientsin 17261, the boar that sired the champion junior yearling sow at State Fair 1906. Some of these yearling sows are half sisters to this fine sow and bred to A. L.'s Chief, one of the best yearling boars of the breed. The boars used on the sows are A. L.'s Chief 43327n, 15723a, by I. J.'s Chief 12445a, L. J. taking first at Indiana State Fair 1905, weighing 1,000 lbs. and as smooth as a peach. A. L. Chief has proven himself a great breeder, as will be seen on sale day in gilts in the sale. 2d Iowa 48659 by Ohio Chief 41419n is one of the good ones. King of Radcliffe 55871 by Corroctor, the J. D. Nidlinger show and breeding hog, King of Radcliffe, is a very promising boar, his dam being Decatur Belle M 112288, Mr. Nidlinger's show gilt at Indiana State Fair, Ohio State Fair, Illinois State Fair and other shows, always winning first. J. Wonder 43881 by West Side 23983, is a litter brother to Crimson Wonder and a good individual. Promotor Chief by Chief Promotor by Top Notcher Again 10787a. Now these sows and gilts have been handled and fed so we believe they will do the purchaser and myself good. All breeders and neighbors and others are cordially invited to attend this sale to be held on farm 2½ miles north and one-half mile east of Radcliffe on the C. & N. W. R. R. and 2½ miles west of Sherman on the Des Moines, Iowa Falls & Northern R. R. Parties from a distance will be entertained at hotel in Radcliffe or at farm, and conveyed to and from sale free of charge. Catalogs are now ready and being mailed. If you have not received one, write to A. L. Mossman, Radcliffe, Iowa, mention Mossman or W. F. Stratton in my care and will receive honorable treatment.

A. L. MOSSMAN,

C. G. WERNER, Clerk.

## Gus. A. Pederson's Duroc Jersey Sale

OCHEYEDAN, IOWA, JANUARY 24, 1907.

I Will Sell 40 Head of Sows and Gilts.

THERE will be 34 gilts, 2 fall yearlings and 4 aged sows. They are bred to three of the best boars in Iowa, G. P.'s Model, Sunny Jim and Osceola Chief, and the sows will be safe in pig on day of sale. These gilts are sired by Osceola Chief, Proud Perfection, Gruver's Orion and More Wonder. I am offering the best bunch of Duroc Jersey sows that have ever been offered for sale in northern Iowa. Write me for catalog at once. If you cannot be present, send bids to my auctioneer. Address,

**GUS. A. PEDERSON,** - **OCHEYEDAN, IOWA**  
Col. J. L. Luther, Auctioneer.

## 50 BIG POLAND CHINA SOWS AT PRIVATE SALE

Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.



SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

**E. F. ESCHER,**  
Manning, Iowa

GAY MONARCH, The 1,000 lb. Boar.

tra large, with much smoothness and quality. They represent the blood of Highland Chief Jr., Mogul, Expansion, Ontier, a son of On and On, and many other boars of showyard fame. These sows are bred to three as good boars as is generally found in any one herd and the guarantee Messrs. McKeever & Sons put on every head is

the strongest that could possibly be put on a bred sow. Arrange to be on hand at this sale if you want the big ones that are smooth and also have the quality. Write at once for a catalog and mention this paper. Bids can be sent to Ray Page, representative of this paper, in care of McKeever & Sons, and they will be properly handled.



KERR DICK  
KERR REX  
KERR DEXTER  
KERR PAUL

Buy one of these  
great boars.

## Dispersion Sale of the Famous Herd of O. I. C. Swine Owned by the Late O. L. Kerr, of Independence, Mo., Wednesday and Thursday, February 6 and 7, at Independence, Mo.

### ONE HUNDRED AND EIGHTY HEAD

Fifty-five bred sows—twenty-five bred to the great Kerr Dick, three, including Sally, the 1906 champion, are bred to Kerr Shelton, the \$625 champion; others are bred to the remaining herd boars. Thirty boars ready for service. Fall and summer pigs compose the balance of the offering. This will be a golden opportunity for O. I. C. breeders to secure the cream, as there has not been an animal sold from the herd since the death of Mr. Kerr. Every animal sells to the highest bidder for cash, as Mr. Kerr's estate must be settled. Write me for catalog. See field notes. Bids may be sent to auctioneers or C. J. Hiles, secretary O. I. C. Association.

Col. Sparks and Zaun, Aucts.

LLEWELLYN JONES, ADMR., INDEPENDENCE, MO.

BIG MARY  
SILVER  
NANCY  
SALLY

Buy one of these  
great sows.

## ANNUAL SALE POLAND CHINA

**60 BRED SOWS, 60**  
Yearlings and Gilts

At Bennett, Cedar County, Iowa, January 29, 1907,

I will sell on the above date, in the Bennett Sale Barn, 47 head of yearlings and tried sows, bred to the several boars, Iowa Perfection 102717, Young Wonder 117033 and Chief Price 4th 118007. The result of this combination of breeding should prove a good one. I also offer 12 head of gilts of spring farrow, sired by King Perfection 89209, and bred to the above named sires. Scale and bone are my specialties. I also offer one good breeding boar, Iowa Perfection 102717. Send for catalog. Bids will be cared for by the auctioneer, Ira Cottingham, Eden, Illinois.

**GEORGE REGENNITTER, PROP.**

### Dr. Downs' Duroc Jersey Sale.

Few sales this year will possess any better breeding than will go through Dr. J. A. Downs' sale ring at Glidden, Iowa, on January 26th. The doctor has been one of the most enthusiastic hogmen in the state and has been a liberal and a most critical buyer. He is offering for sale daughters of Orion, Proud Advance, American Royal, Peerless, Parnell Bannan, Belle's King, Clovercroft King and Clovercroft Tip Top Notcher. Many of these sows are bred to the famous old boar, Long John, that formerly headed the herd of Messrs. E. H. Manley & Co., of Lyons, Neb. He is the sire of the great sow, Kruger Maid, and she was the dam of the sweepstakes sow, Alix II. Long John sows have always been good brood sows, and they invariably have great length, depth of body and plenty of bone, something that Duroc Jersey breeders will be prone to look more closely to in future years. Dr. Downs is also using Clovercroft King and Clovercroft Orion's Son, and Clovercroft Advance, as good a Proud Advance pig as we have ever seen. He is putting in a splendid bunch of gilts in the sale, and a most excellent lot of yearling and matured sows. Clovercroft Princess is a yearling daughter of Clovercroft King out of a Carroll Jumbo dam. She is a good sow in every way, being particularly nice in head and ear, a good back and a well-sprung rib, and an excellent ham. She is bred to Long John for early farrow, and we look for something good in this mating. She carries more of the blood of Ohio Chief and old Protection than any other sow that will be sold in the spring sales, and some enterprising breeder can make some good money by buying her. Peerless Beauty is a three-year-old, a daughter of old Peerless out of Lady Allison II. by Long John. This hog, Peerless, was one of the best boars ever used in the Manley herd, and they let him go before they knew how good he was. Many well-known western winners carried the blood of Peerless in their veins, and he got some of the best producers. This sow is one of the largest in Dr. Downs' herd, and she is a typical brood sow. Clovercroft Orion's Son, one of the boars now used in the herd, is one of her sons and she has produced others just as good. She is bred to Clovercroft King for March farrow. Manley's Pride is a daughter of Belle's King, out of Ella Orion. The blood of old Echo King, Nebraska Belle, Orion and Ella Roberts is all tied up in one package in this sow, and she was bred to Long John, ostensibly for a prize litter next year. Manley's Rose is a yearling daughter of the undefeated sweepstakes boar, American Royal. She was the second highest-priced gilt in the Manley sale last winter where an average of \$111 was made. She is a half sister to the Iowa and Minnesota State Fair sweepstakes sow, Royal Blossom 5th, also at the Interstate Fair at Sioux City. She is bred to Clovercroft Or-

ion's Son for March farrow. There will be two or three other good American Royal sows in the sale, also one good Parnell Bannan sow, two by Clovercroft King and two by Carroll Jumbo. There are some extra good gilts in the sale. They are excellent in color, are growthy and carry the same line of breeding. Three of these are by the great Orion out of an American Royal sow, two are by Proud Advance, and several are by Adjuster and Clovercroft King. There will not be a poor gilt in the sale. No offering of the season will carry any more of the blood of the winners than will that of Dr. Downs' on January 26th. He extends a special invitation to all the breeders and farmers to be with him on sale day. Write for catalog and mention The Homestead.

### Thomas & Hogsett Sell Durocs on February 2d.

It takes nerve for a man to go out and pay \$2,500 cash for one-half interest in a boar. This is what the firm of Thomas & Hogsett did when they purchased one-half interest in Tip Top Notcher, grand champion boar at the World's Fair. It is only an illustration of what these men have done since they began the breeding of Durocs. The best has been none too good. The offering which they have selected for their coming brood sow sale is composed of the best to be found in their herd and includes many of the tops of other sales. They have always used good boars. Big I Am was used in this herd, and breeders thought it was a serious mistake when Messrs. Thomas & Hogsett let him go, but these gentlemen had not taken snap judgment, but had in mind a boar which they felt sure would make a profitable cross upon Big I Am gilts. In Ambition they found such a boar. The get of this boar which have been included in this sale are worthy a place in any herd, and some of them have been passed upon by the judge at the Illinois State Fair and found good enough to go into first and second places in the under six months class the past season. These prize-winning gilts have been included in the sale and will prove good property in the hands of discriminating buyers who wish to add both good blood and excellent individuals to their herds. Ambition was first-prize boar pig at the Illinois State Fair in 1905, and second-prize boar in the junior yearling class the past season, although breeders' choice for first. More of his get won ribbons at the Illinois State Fair in 1906, than any other boar. In Ambition is found size with quality and smoothness and a pedigree which could not be improved. If Ambition meets with no accident he will be shown again at the leading state fairs the coming season. Fifty head have been cataloged. They represent the blood of many

## DISPERSION SALE Of G. W. Fink's Glenmar Herd of ABERDEEN ANGUS

At Gray's Sale Pavilion, Maryville, Mo., Monday, February 4, '07

**35 Head - 27 Cows and Heifers and 8 Bulls.**

BLACK MONARCH 7682, my double Blackbird herd bull, got by Black Monarch of Emerson, should suit any breeder looking for a herd bull. Two grand sons of Prince Ito, both Blackbirds, two Pride bulls and a Queen Mother will be found desirable. My herd of cows represents such families as the Prides, Blackbirds, Queen Mothers, and Ericas. When laying the foundation for my herd I bought animals that in my estimation were best suited for one wishing to sell to the general public, animals that would be a credit to any herd large or small—the so-called fashionable kind. I have never lost an opportunity to better their condition, always using the best bulls at my command. They are all prolific, every one a regular breeder, of the beefy type. You are cordially invited to be my guest sale day. Write for catalog.

**G. W. FINK, MARYVILLE, MO.**

Col. Bellows  
and Hosmer,  
Aucts.

Hal T. Hooker, Sale Mgr.  
Maryville, Mo.

prize-winning families and crossed with such sires as Tip Top Notcher, Ambition, Red Jacket, one of the good sons of Tip Top Notcher, Golden Orion by Orion, should produce something good for the purchaser. In our next issue we will have more to say regarding this offering individually, and we would advise our readers to write for catalog at once as per the advertisement on page 24 of this issue. Messrs. Thomas & Hogsett invite breeders to be their guests from the time they get off the cars until the following sale, that of Messrs. Fagan, Browning & McCabe, at Hersman, Ill., on Tuesday, February 5th. Every breeder will be well cared for and at absolutely no expense over Sunday and Monday. There are many Duroc herds in this vicinity so that an unexcelled opportunity will be given those who attend the grand champion circuit of sales to inspect them at no expense. Plan to be present at Golden on Saturday, February 2d. You will be more than pleased with the offering. Those who cannot be present sale day send bids to Mr. D. M. Pierce, representing this paper, who will handle them in a satisfactory manner. See announcement on page 24 of this issue, and in writing kindly mention The Homestead.

### Weighton and his Duroc Winners.

No breeder along the line deserves a better sale than does Mr. John Weighton, of Audubon, Iowa. He sells at his farm right close to town, on January 22d, and he is offering the best bunch of Duroc Jersey brood sows that has ever gone through a sale ring in his neck of the woods. There are some things that deserve more than a passing mention in the Weighton sale, and that is the richness of blood lines and the winners that will be offered. Of the forty head that he will sell, twelve are yearlings and three are aged sows, and there are none better than some of these. One of the best of these is Queen Orion by Orand, he by Orion out of Audubon Queen by Roycroft Sensation. She is one of the best yearlings that will be sold and is bred to Clearmont's

Model, the first-prize pig at Des Moines. Three of her sisters will also be sold, and they are all good. One of the best aged sows that will be sold is Oriol by Orion. She is good all over and is bred to Clearmont's Model, and the man that buys her and cares for her litter is going to have something that will make him a lot of money. Other fall and spring yearlings will be sired by the sweepstakes boar, Audubon, Peerless Orion, Oran and Oreal. In the gilt line he will sell Clearmont's Empress, one of the sensations of the year, and two of her sisters. Clearmont's Empress was first-prize gilt last fall at Des Moines in one of the strongest classes ever shown at that fair. To describe her is unnecessary. Her winnings speak louder than we can in her behalf. She is bred to Clearmont's Model, the first-prize boar at the same show, and if she don't sell it won't be her fault. No man can afford to limit his bid on this gilt. Her two sisters are also very good and the three were in the litter that won second at the same show. They are all bred to the same boar. Another well-bred gilt that he offers is a daughter of Proud Advance and out of the great sow, S. E.'s Model, that topped the Sheldon sale at \$1,060. He is keeping her full sister to show next year. Bred to Clearmont's Model she should be one of the desirable things in his offering. There will be a number of gilts in the sale sired by Proud Advance, the sire of Clearmont's Empress, and also the second-prize litter, and he will also be bred to many of the sows in the sale. The Weighton offering should draw the very best breeders, because it is an offering that is just as good as will be sold this year. Write him at once for catalog, and be sure that you attend his sale. Mention The Homestead when sending for catalog.

The Karans Cleaner cleans patent and russet shoes and leather goods, straw hats, silverware, and there is said to be nothing better for the toilet. In the advertisement of the Myland Company, Philadelphia, Pa., appearing on page 17 of this issue, further particulars in regard to this cleaner may be obtained.



# TWO GREAT OHIO CHIEF SOW SALES

TWO OF THE GREATEST DUROC JERSEY SALES EVER HELD

WESTON, IOWA, JANUARY 30, 1907.

Included in my sale will be Allen's Maid, first-prize sow at Iowa State Fair, 1906, and bred to the great Ohio Chief. There will be forty head in my sale, and they will be bred to Ohio Chief, Briggs' Prince, and Baxter's Buddy K.; daughters of my splendid boar, Indicator, and daughters and granddaughters of Orion, Proud Advance, Red Chief I Am, and other noted sires. I never sold as good an offering as I sell in this sale. About fifteen head bred to Ohio Chief. Write at once for catalog. Address.

O. E. Osborne,

Weston, Iowa.

Bids sent to Mr. M. T. White, representative of The Homestead, or to Colonel Luther, in care of either breeder, will be properly cared for. Kindly mention The Homestead when writing for catalog.

CARSON, IOWA, JANUARY 31, 1907.

"The Home of Winners." Forty head of high-class sows, daughters of Proud Advance, Orion, Dandelion, Advance, Perfection Chief, and grand daughters of the great Nebraska Belle bred to Ohio Chief. There will be sixteen head bred to Ohio Chief in this sale. Others bred to R. J. Proud Orion, by old Orion, and out of Proud Lady, the \$1,275 sow; also to my great young boar, Keep On Perfection. Nothing but the tops go into my sale. Write at once for catalog. Address

R. J. Harding,

Macedonia, Iowa.

## Auction Sale of Bluffview Short-horns.

Mr. F. A. Edwards, of Webster City, Iowa, the genial proprietor of Bluffview herd of Short-horn cattle, announces his thirteenth annual sale to be held at his Bluffview Farm, Tuesday, January 29, 1907. For more than a quarter of a century Mr. Edwards has pinned his faith to the Short-horns. He believes that they are equal to any breed of beef cattle on earth, and as a general-purpose breed that they have no competitors. Unquestionably this is one of Mr. Edwards' star offerings. As has been previously stated in The Homestead, considerable Short-horn history has been made and recorded at Bluffview. While it is not expected that this will be a record-breaking sale, it is a sale of good, clean, useful, practical Short-horns, whose breeding cannot be excelled and from an individual standpoint Mr. Edwards regards it in its entirety the best lot that he has ever offered the public. Aside from the imported Scotch cattle in the offering, a very large per cent of the residue is of Mr. Edwards' own breeding on his Bluffview Farm. The show record of Bluffview, while not on an extensive scale, is an enviable one. The present Scotch herd bull, Secret Viscount, was shown in the open class at Des Moines, 1906, and won third honors without special fitting, having been in heavy service up to the time of his exhibition. The choice string of ribbons won by Mr. Edwards at the Iowa State Fair in 1905-6 are on exhibition in his office and are a creditable lot, both in the Iowa special and in the class open to the world. We wish to say a word concerning the present herd bull, Secret Viscount. The writer has been familiar with this bull since a calf and remembers distinctly the splendid quality Imp. Sorrel, the beautiful daughter of Roan Gauntlet and the granddam of this bull. Secret Viscount was sired by Orange Viscount, a bull that won second at the American Royal at Kansas City in 1904 and was sired by the grand champion, Lavender Viscount. Orange Viscount's dam was Orange Belle by Master of the Rolls, one of the two imported bulls selected by Mr. Amos Cruickshank for Col. W. A. Harris. Orange Belle traces to Imp. Orange Blossom 31st, also by Roan Gauntlet, the bull which by common consent was considered the nearest peer to Champion of England of any of the Aberdeenshire bulls. Secret Viscount's own dam is Sunshine by Imp. Craven Knight. This bull was perhaps the choicest at the time of his importation of all the bulls brought out by Mr. Luther Adams from Sittytton that year. He was sired by the great bull, Cumberland, and has dam was Golden Autumn by Barmpton, the sire of Baron Victor, Imp. Confessor, Spartan Hero and a host of other noted Cruickshank herd bulls, the best in America in their day. Secret Viscount has been wisely selected by Mr. Edwards to perform a great duty, that of following the celebrated Duke of Oakland 2d, which was conceded the best bull ever used at Bluffview. The Homestead is pleased to go on record as say-

ing that the thirty odd calves now at Bluffview sired by Secret Viscount have every promise of outstripping any other bunch of calves of like number ever on the farm. Hence we mention this bull and his great breeding qualities at length for the reason that a very large per cent of this offering is bred to him or has calves by him. We recognize that breeders in sending forth a choice array of well-bred cattle are disposed to say that this is the best lot, they have ever sold. Mr. Edwards in all candor and respect to all previous great offerings from Bluffview, thoroughly believes that in this thirteenth consignment that he is putting forth the best bunch of cattle that it has been his good pleasure to offer the breeders of America. In No. 1 of the catalog, Imp. Fair Duchess, Mr. Edwards believes that he is selling the best Short-horn cow that he ever owned. Mr. Edwards paid \$1,550 for this cow at the W. D. Platt first Chicago sale in 1900. She is a very deep, thick-fleshed roan cow, calved Jan. 6, 1898. She was sired by Watchfire, winner of first prize at the Highland Society's show at Glasgow in 1897. Mr. Edwards has already sold three bull calves from this cow for \$1,250, and there are six head in this sale. She belongs to Mr. Amos Cruickshank's celebrated Broadhooks family. This family was founded on Lady Elizabeth Fairfax, her sire being Prince Edward Fairfax. Both this cow and her sire were bred by Mr. Amos Cruickshank himself, and it was seldom that Mr. Cruickshank would part with one of this family. The great bull, Imp. Lovat Champion, first-prize winner at Perth and purchased from Lord Lovat by Mr. Wm. Duthie for \$1,000, was of this same family. This great bull is now owned at the Flynn Farm, at Des Moines, Iowa. Imp. Fair Duchess has at foot at the present time, dropped November 20th, a bull calf by Secret Viscount, that Mr. Edwards thoroughly believes to be by far the best bull calf that she has ever had. This cow will be a bargain to any breeder of Short-horns at any price that she may bring at this sale. While it is true that she is eight years old, she looks as fresh as a four-year-old. Lot 2 of the sale catalog is Imp. Fair Duchess of Bluffview, a daughter of the cow just described and sired by Grand Duke of Ruddington. This bull was bred by Mr. Philo Mills and was sired by the great champion bull, Marengo. Fair Duchess of Bluffview is a worthy daughter of an illustrious and celebrated dam. One of the very best bull calves ever produced at Bluffview was a daughter of this cow, and to show the rapidity with which she reproduces, she has a roan bull calf at foot, dropped October 14th, by Secret Viscount, and was rebred to the same bull November 11th. Lot 3 of the sale catalog is Heather Bell by that grand old bull, Duke of Oakland 2d and out of Imp. Fair Duchess herself. Mr. Edwards considers Heather Bell the choicest female that he ever bred. She is a typical Short-horn from every point of view, whose breeding cannot be surpassed and is a cow that if properly fitted would be hard to defeat in the show ring. She gives every promise of

## Rankin's Great Duroc Jersey Sale

CARSON, IOWA, FRIDAY, FEBRUARY 1, 1907

"THE QUEENS OF MY HERD" ARE CATALOGED FOR MY SALE.

FORTY HEAD

### LOOK AT THE LIST:

Three Daughters of Glendale Critic.  
Eight Granddaughters of Gold Dust Jim.  
Several Granddaughters of Crimson Wonder.  
Great Granddaughters of Orion, Higgins' Model.  
Twelve Fall Yearlings Bred to a son of the great Crimson Wonder.

One of the greatest daughters of old Orion will be one of the sensations of my sale. She is bred to Ohio Chief for early farrow and she is a grand sow.

There are no better blood lines and no better individuals than I am offering in my sale. If you want the GOOD ONES, you will be compelled to be at my sale.

When writing for catalog, please mention Iowa Homestead. Address,

W. A. Rankin, Carson, Ia.

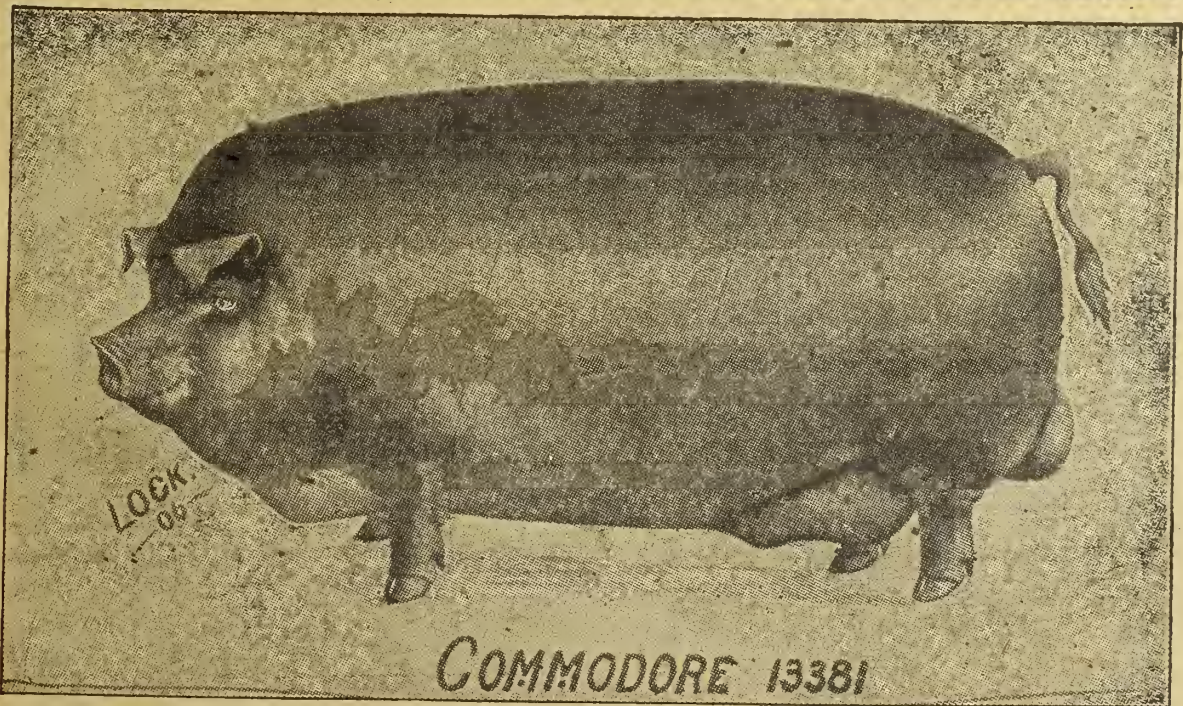
COL. LUTHER, AUCTIONEER  
Send bids to auctioneer, or to M. T. White, representing this paper, in care of Mr. Rankin.

being as good a breeder as her dam and will undoubtedly be her superior as an individual. She was bred November 6th to Scottish Count. Lot 4 is another daughter of Duke of Oakland 2d and her dam is Imp. Fair Duchess of Bluffview. Here is another splendid Broadhooks heifer that promises to keep up the reputation of this illustrious family. Lot 5 is Imp. Queen Bess 32d, a daughter of Count St. Clair. Her dam, Queen Bess, was by Cash Box and out of Queen Bess 24th by Spice Box. The three above sires were all bred by Mr. Wm. Duthie. Imp. Queen Bess is a beautiful Scotch cow, five years old and is a splendid breeder. She was bred July 4th to Viscount Secret. Such imported cows as this are seldom found in an auction sale, but she, like all of the Broadhooks family, and some other choice ones in the offering, is consigned by Mr. Edwards only for the purpose of maintaining his reputation as a breeder of Short-horns and offering a class of cattle that should attract the attention of Short-horn breeders from coast to coast. To those who attended Mr. Edwards' last sale we can say that this offering is so far superior that there is no comparison, and no one will be disappointed in the quality of this offering who will take the time to come to Webster City on January 29th. The sale will be held in a frame structure, heated by stoves, so that buyers will be made as comfortable as possible. The offering comprises some forty head, thirty-four of which are females, in-

cluding a number of choice daughters of Duke of Oakland 2d. The Bluffview catalog is now ready to mail to all Homestead readers who apply for it, mentioning this paper. Some rich sample pedigrees will be found on page 38.

## Fagan, Browning & McCabes Duroc Sale.

The first day, Tuesday, February 5th, of the second week, of the Grand Champlon Sale Circuit, is devoted to the sale of Messrs. Fagan, Browning & McCabe. This firm purchased a half interest in Tip Top Notcher, the past season, this grand show and breeding boar now being owned by this firm and Messrs. Thomas & Hogsett of Golden, Ill. No one knew better what was in the old champion than did Mr. Harry E. Browning who successfully fitted and showed him for Mr. Geo. W. Seckman. Tip Top Notcher stands today as one of the noted boars of the breed and it is only in the sales of Messrs. Fagan, Browning & McCabe, and Thomas & Hogsett, that sows bred to him will be sold, with the exception of a few which have been sent to these parties to be bred. In our next issue we will give further information in regard to this great boar, but those familiar with Duroc history do not need further information on the subject. We wish to call the attention of our readers to one fact that is not well understood. The previous sales of this firm have been record breakers, but there have been numerous bargains. The breeder who is afraid the stock is going too high need not stay at home on that account. There have been many bargains secured in these sales, and the offering of fifty head this coming month contains many females which any breeder or farmer can well afford to own. The character of the offering is unsurpassed. The champion sow at the Illinois State Fair in 1905 and 1906, Foust's Pride, is included in the offering. The last living daughter of the World's Fair winner, Lucy Wonder, likewise has been listed. S. E.'s Model VIII., litter sister to S. E.'s Model IX., that sold for \$1,000 in the sale of Messrs. H. C. Sheldon & Sons' last year goes into the sale bred to Tip Top Notcher. Both of the sows mentioned above are bred to Tip Top Notcher. A few very good sows by Kant Be Beat are included in the offering. These are bred to Tip Top Notcher. In our issue of next week we will have more to say regarding this noted offering. We want, however, to assure our readers who are interested in Durocs that this sale includes representatives of some of the most noted families of the breed, and the produce of such noted boars as Buddy K. IV., Ohio Chief, Mayor Jr., Gold Cloud, Tip Top Notcher, Model Chief, Advancer, Tip Top Notcher, High Notcher, S. S.'s Success, one of the good sons of Ohio Chief, Kant Be Beat, Hanley and other sires of equal note make the offering one of the most prominent of the season. These sows are bred to Tip Top Notcher, Proud Advance, Buddy K. IV., Grand Chief by Ohio Chief, Red Express, Golden Echo, one of the best sons of the noted Gold Cloud, Oakwood Pilot Wonder and Royal Orion, one of the last litter ever sired by Orion. In both breeding and individuality this offering is far superior to any made heretofore from this herd and breeders should not be slow to appreciate it. The catalogs are now ready and will be sent to all who write as per the advertisement on page 24 of this issue, kindly mentioning The Homestead. The writer representing this paper is pleased to assure the readers that they will be well taken care of, and the stock will come up to their expectations. Plan to be present on Tuesday, February 5th.



Duroc Jersey boar. Commodore 13381, first and champion and headed 1st Prize Aged Herd at Illinois, Kentucky and Tennessee State Fairs 1906. Owned by Messrs. Amos W. Harris & Sons, of Waverly, Kentucky. See field notes.



# Bluffview's Thirteenth Annual Short-horn Sale

To Be Held in the Warm Pavilion at Bluffview Farm,

Webster City, Iowa, Tuesday, January 29.

42 HEAD Eight Bulls 42 HEAD  
Thirty-Four Females

THE BEST OFFERING I EVER SOLD

## No. 8. LARCH HILL COUNTESS OF GLOSTER.

Red; calved March 2, 1902. Vol. 55, page 417. Owned by F. A. Edwards.

DAM  
SIRE  
Got by Gloster Duke 153894 .....A. & G. Davidson  
Countess of Gloster 15th .....Scottish Count 158480 .....I. Barr & Son  
Countess of Gloster 7th .....Scottish King 100743 .....F. Bellows & Son  
Countess of Gloster 5th .....Imp. Ducal Crown 97149 .....J. O. Davidson  
Duchess of Gloster 2d .....Commander 79556 .....J. O. Davidson  
Imp. 22d Duke of Gloster .....Barmpton Prince (32705) .....Cruickshank

## No. 10. MATCHLESS BELLE.

Red; calved July 6, 1905. Vol. 48, page 619. Owned by F. A. Edwards.

DAM  
SIRE  
Got by Double Victor 146654 .....Forbes Bros.  
Matchless of Elmhurst 13th .....Imp. Royal Don 140817 .....Alex Campbell  
Matchless of Elmhurst 6th .....Excelsior (51233) .....E. Cruickshank  
Matchless 19th .....British Statesman 2d 114570 .....James Russell  
Imp. Matchless 16th .....Imp. Statesman 15539 .....S. Campbell  
No. 12. COUNT MARJORY.

Red; calved Dec. 14, 190. Accepted for record. Owned by F. A. Edwards.

DAM  
SIRE  
Got by Imp. Morning Star 182018 .....Pbilo Mills  
Imp. Lady Marjory .....Count Lavender (60545) .....Wm. Duthie

## No. 9. PLEASANT RIDGE-ATHENE.

Roan; calved Dec. 24, 1904. Owned by F. A. Edwards.

DAM  
SIRE  
Got by Double Victor 146654 .....I. M. Forbes  
Athena of Anoka .....Viscount of Anoka 125081 .....G. Harding & Son  
Modesty of Anoka .....Violet Duke 121483 .....J. S. McCauley  
Imp. Athene .....Champion 106772 .....Wm. Moffatt & Bro.  
No. 11. NONPAREIL STAMP.

Red; calved March 14, 1906. Accepted for record. Owned by F. A. Edwards.

DAM  
SIRE  
Got by Imp. Morning Star 182018 .....Pbilo Mills  
Imp. Nonpareil 33d .....Clan Alpine 130852 .....J. Nelson & Son

## No. 13. SCOTTISH COUNT.

Red; calved April 15, 1905. Accepted for record. Owned by F. A. Edwards.

DAM  
SIRE  
Got by College Farewell 192476 .....Iowa Agri. Col.  
Emma 19th .....Duke of Oakland 2d 118945 .....Crawford & Sons  
Emma 17th .....Victor of Homewood 110509 .....Potts & Son  
Emma 10th .....Imp. King of Aberdeen 75747 .....A. Cruickshank  
Emma 7th .....Imp. Antiquary (49774) .....A. Cruickshank  
Emma 5th .....Frederick William (23195) .....Edward Iles  
Imp. Emma 3d .....Young Englishman (31113) .....W. S. Marr

In the quarter of a century that I have been breeding Short-horns I have never offered a more useful or more valuable lot of cattle. Nearly one-half are pure Scotch, of the very choicest breeding. Three of them are among the best imported cows ever brought from Scotland, one of them being my great Cruickshank Broadhook's cow, Fair Duchess, the best cow in Bluffview herd. She sells with a show bull calf at foot, sired by the royally bred Cruickshank Secret bull, Secret Viscount 212705. Her daughter, Imp. Fair Duchess of Bluffview, and bull calf, together with a choice two-year-old daughter by Duke of Oakland 2d, are other attractions of this very prolific and profitable family. I am selling the best cow I ever owned and the best heifer I ever bred. Also an unusually good lot of daughters and granddaughters of Duke of Oakland 2d, bred to Secret Viscount. The bull offering includes five pure Scotch, two of them out of imported dams and by an imported sire. They are a top lot and afford a good selection for herd headers.

I hope to meet all my former patrons and all lovers of good cattle who can be with me on sale day. Catalog on application.

Cols. Geo. P. Bellows and  
M. L. McCulloch, Auctioneers.

F. A. EDWARDS, Webster City, Iowa.

## Norrish & Bevington Great Duroc Sale.

On Thursday, January 31st, Messrs. Norrish & Bevington, of Kingsley, Iowa, will make their annual Duroc Jersey brood sow sale. This well-known firm have made some good sales before, but they never have put up such an offering as they are selling this year. A representative of The Homestead, after critically inspecting their offering, says unhesitatingly that it is one of the exceptionally good Duroc Jersey offerings of the year. Buyers who attend their sale are not going to be disappointed when they see the sows that they are selling. They are putting forty head in the sale and twenty of these are yearlings. The yearlings and the aged sows are particularly attractive, and some of these have been, and other will be, good show sows. They are selling a daughter of Proud Advance, Duroc King and Iowa Banker, and several by Defiance, Pericles H. and King James. Quite a number of the gilts will be sired by Cedarlawn Model, their second-prize yearling boar at the Interstate fair last fall. Fashion Queen is a two-year-old and her sire is Iowa Banker by Reed's Banker, dam Fashion Queen by Advance. This sow won in under six months class at St. Louis and has been raising two litters a year. She has never farrowed less than fourteen. She is fancy in head and ear and is bred to Cedarlawn Model for March farrow. Jem Advance is a daughter of Proud Advance and is out of an Orton sow and she is also bred to Cedarlawn Model. Lady West is a daughter of the famous old Duroc King and she has been one of the mainstays of the herd. She is bred for early farrow. Many of the leading winners of late years carried the blood of old Duroc King through their dams. One of the extra choice yearlings is Callis O., a daughter of Iron Clad. This sow is a show proposition for some man. She is good in head and ear, with good feet and deep body and nice length. She is well sprung in the rib, has a nice coat of hair and no man will make a mistake in sending a good stiff bid on her. She is also bred for early farrow. Some of the yearlings are sired by Pericles H., a son of old Pericles, and Defiance, a son of Reed's Model. Many of the gilts are sired by their prize-winning boar, Cedarlawn Model and by King James, a son of the sweepstakes sow, W's Choice. The two last boars will also be bred to many of the sows, and they have also used a young boar called Sir Riley by Advancer out of a Duroc Challenger sow. The offering is high class and we can recommend this sale to any of our readers who want some good Duroc Jersey sows. They have issued a nice catalog which will be sent on application. Write for it and kindly mention The Homestead.

## The Harlan Hereford Sale.

One of the best Hereford sales that will be held in western Iowa this year will be pulled off at the Harlan sale pavilion, on February 1st. Messrs. F. W. Hann and J. S. Mayne, two of the best-known breeders in Shelby county, will make the sale and they will sell fifty head. They will offer sixteen bulls and the rest will be cows and heifers. Mr. Hann will sell twenty-one head

of cows and heifers and seven young bulls. All the young cows and heifers are sired by Ike 77284, a noted show and breeding bull that formerly headed the Hann herd. He was a winner of first prize and sweepstakes at the New York and Michigan State Fairs, and the noted cow, Dollie 2d, was bred to him when she sold at Chicago for \$5,000. Nearly all of these cows and heifers are bred to Spartan Grove 2d 153707, a first-prize and sweepstakes bull two years in succession at the Nebraska State Fair. Mr. Hann will also put this bull in the sale, and any man who is looking for a herd bull will find in him a good one. He is low to the ground, of the very beefy, blocky type of Hereford, is a good breeder, has an excellent disposition and is all right every way. Mr. Hann has a lot of his heifers and therefore is ready to dispose of him. He also offers a splendid bunch of young bulls, all sired by Ike. They are well developed, are in good condition and should sell well. There is not a bad-headed bull in the lot, are well quartered and are all right. Mr. J. S. Mayne is one of the oldest breeders in Shelby county. He is practically dispersing his herd. He got his foundation for a herd from the late Ben Hershey, and for the past thirteen years he has been a staunch believer in Hereford cattle. Advanced years is the only reason that he now lets go. He will sell his herd bull, Earl of Lakeview 6th, a grandson of old Corrector, and the most of the Mayne cows will be bred to this animal. Mr. Mayne is putting in all his breeding cows, some of which he has paid long money for. Besides, there are a splendid lot of heifers and as he is closing out the buyers will get the benefit of his years of experience. If any of The Homestead readers want some good Hereford cattle, either herd bulls or young bulls, or cows or heifers, it behooves them to be at this Harlan sale on February 1st. Write Mr. F. W. Hann, Harlan, Iowa, for catalog and kindly mention The Homestead when doing so.

## G. W. Fink to Disperse His Glenmar Herd of Doddies.

On Monday, February 4, 1907, at Gray's sale pavilion, Maryville, Mo., Mr. G. W. Fink, of Maryville, Mo., will disperse his select herd of Aberdeen Angus cattle. Mr. Fink has never maintained a large herd, preferring to make his herd one of the select ones of the country. When buying foundation stock some years ago Mr. Fink evidently bought with discretion, selecting animals of individual merit, also animals that were well bred—by many they are what is termed fashionably bred. The best bulls to be had have been used and as a result at this his dispersion sale Mr. Fink will sell thirty-five head of cattle that should attract the attention of breeders who want choice individuals to add to their herds. Blackbirds, Prides, straight Blackbirds, Queen Mothers and Ericas predominate in Mr. Fink's herd. The opening number of the catalog, Lot 1, is the double Blackbird herd bull, Black Monarchist 7682, that was got by that champion of sires, Black Monarch of Emerson. Black Lassie Belle, his dam, was by Bell's Eclipse, sire of Advance, also the International champion

and one of the greatest sires of the day, Black Woodlawn. Black Monarchist's pedigree is one to which any breeder can point with pride. As an individual he is one that will please the critical buyer, he being of the beefy type with scale, a good strong back, a breezy head and the best of bone. His calves show him to be a breeding bull of unusual merit. Lot 30 of the catalog, First Choice F., is a youngster that has for his grandsire the great Prince Ito and is out of a daughter of Moon Eclipse. Some critical buyer should look after this young Blackbird bull. A young Pride bull is listed as Lot 31. The two grandsires of this young bull, Prieno and Juba of Morlich, and his two grandams, Endora of Eccleshall and Pride of Aberdeen 164th, are all imported stock. This youngster will not be a disappointment to his future owner, as he is promising and should make a good sire. Mr. Fink has other good bulls listed and the man hunting bull material should be on hand. In cows Mr. Fink has a number that should and undoubtedly will please buyers very much. They are not only an exceptionally well-bred lot, but will be found a grand lot of individuals. Not a shy breeder is found in Mr. Fink's herd, several will sell with calves at foot and all of breeding age will be in calf to the double Blackbird bull, Black Monarchist. The man hunting some heifers will find in Mr. Fink's sale a bunch that will make an excellent foundation herd. In next week's issue more will be said of the females that go in the sale. Mr. Fink is not reserving a cow of any description and this is worthy of consideration, as buyers will get all his good ones that have been the source of so much satisfaction to Mr. Fink in his breeding operations. The initial announcement will be found on page 36. Write either Mr. Fink or Mr. Hal T. Hooker, manager of the sale, for a catalog and kindly mention The Homestead when doing so.

## Schmieder's Poland China Sale.

On January 29th, at his farm near Remsen, Iowa, Mr. John Schmieder, one of the most reliable and painstaking breeders in northwestern Iowa, will make a public sale of Poland China brood sows. Mr. Schmieder is one of the old-time breeders, and he is endeavoring to breed a practical Poland China hog. He always has had a leaning toward a lengthy, big-boned type of hog, but has never sacrificed quality in maintaining it. In this sale he will sell forty-five head of spring gilts, and two brood sows. The most of the gilts are sired by his present herd boar, Winning Perfection 105015, the boar that sired the first-prize boar pig under six months at the Interstate Fair last fall. Five of the gilts are sired by Keep On 3d, a grandson of old Keep On, and one gilt is sired by Grand Chief Tecumseh 2d, the sweepstakes Nebraska State Fair boar. The latter gilt is out of Lady Moss by Moss Chief, and she is bred to Winning Perfection for early farrow. Four of the Winning Perfection gilts, Nos. 1, 2, 3 and 4 of catalog, are full sisters to the first-prize pig, and they are bred to Large Dude and All Dude 2d, grandsons of Nemo L's Dude. There are the making of some

good brood sows among the bunch. Four of the best gilts are out of Remaen Beauty, the sow that raised him nineteen pigs this year, and these are all sired by Winning Perfection. He is offering as good a lot of gilts, everything considered, as has been sold in northwestern Iowa in a long while, and they have plenty of size and lots of bone, together with plenty of finish. He sells Whiteface Beauty, a good yearling sow bred to Winning Perfection, and he also sells the two-year-old brood sow, Lady Moss by Moss Chief. She is bred to Winning Perfection for early farrow. Mr. Schmieder sells his ten months old boar, All Dude 2d 116967, a son of All Dude, he by Nemo L's Dude, in this sale. He is a very promising young boar and he has plenty of length and lots of bone. Some good breeder who wants a herd boar for next year had better buy this fellow. He retains his full brother in the herd. If any of our readers want to see a good bunch of Poland China brood sows they will find them in the John Schmieder sale. Write for catalog and mention The Homestead.

## A Good Northern Iowa Duroc Sale.

On January 24th, Mr. Gus A. Pederson will make his second annual Duroc Jersey brood sow sale at his farm, five miles from Ocheyedan, Iowa. This offering will consist of forty head of as good Durocs as will go through the ring this year, including aged sows, fall yearlings and young March and April gilts. They are the get of Osceola Chief, Proud Perfection, More Wonder, Gruver's Orion, Royal Jumbo and Red Ribbon. They are rebred to Osceola Chief, G. P. Model and Sunny Jim. The great breeding boar, Osceola Chief, stands at the head of his herd and he has proved himself one of the best breeders in the state. Lovers of good Duroc hogs should surely attend this sale, as it will afford them an opportunity to purchase something strictly first class. Colonel Luther will be the auctioneer. The sale will be held in a heated tent, a lunch will be served at noon and free accommodation will be given all visitors between Ocheyedan and the farm. For catalog address Mr. Gus A. Pederson, Ocheyedan, Iowa, and you are requested to mention The Homestead when writing.

## There is Herd Bull Material at W. A. Forsythe's.

Mr. W. A. Forsythe, of Greenwood, Mo., breeder of Short-horns, both Scotch and Scotch topped, can furnish the man wanting a first-class Scotch herd bull with a bull that is bred right and is right individually. Several of these are bulls of great promise and are in such condition as to show their worth. Mr. Forsythe has also a number of Scotch-topped fellows that descend from the most reliable American-bred families. With a herd of 125 head Mr. Forsythe is in position to furnish foundation herds of females and few, if any, better places to buy can be found. On a bunch Mr. Forsythe will make an attractive price. See page 42 for his advertisement and when writing kindly mention this paper.



## The Red Oak Short-horn Sale.

On Monday, January 21st, at Red Oak, Iowa, will be held one of the best Short-horn sales that has ever been held in that section of the state. It will be a combination sale and will be under the management of Mr. John M. Bixler, of Corning, Iowa. The contributors to the sale have selected some of their very best cattle and they are putting in a liberal number of Scotch into this sale. Mr. C. E. Shoemaker, of Corning, Iowa, sells three young bulls in this sale. One of these is a pure Cruickshank, being a son of Imp. Bapton Admiral, and his dam is Cinderella, the heifer that topped the all-Scotch sale in Chicago a couple of years ago. She is a daughter of Banker's Victor and her dam was Pine Grove Clipper 4th by the great Marquis of Zenda. He is a Cruickshank Clipper and will be one of the best-bred bulls in the sale. Mr. Shoemaker is putting in a most excellent young bull, a son of Royal Sharon out of a daughter of The Professor. He is a nice red in color, good in his lines and has been a winner at several of the county fairs in that part of the state. He also sells a yearling son of the Scotch bull, Double Lavender in this sale. Mr. George H. Mahr, of Corning, Iowa, sells eight head. One of his best-bred things is a yearling Duchess of Gloster bull, a red in color and tracing to the 17th Duchess of Gloster by Red Duke, the well-known Miller-bred bull. Mr. Mahr is also selling some useful cows and heifers and all of these that are old enough will be safe in calf. Messrs. O. L. Lecklighter and George A. Robinson, of Prescott, Iowa, are sending some good cattle to this sale. Mr. Robinson is selling seven head—five cows and heifers and two young bulls. Mr. Lecklighter is selling four head, one of which is a red two-year-old bull, a son of the Scotch bull, Col. Carvel and out of a daughter of Linwood Pride. He is a Scotch-topped Young Mary and a very good bull. He also sells some good useful cows and heifers. Mr. John M. Bixler is selling nine head and some of the best things that go into the sale are from his herd. He is selling Sunlight 5th, a six-year-old Scotch cow, and she is certainly a good one. She is a daughter of the well-known Norton show bull, Golden Victor, and her dam was by the Harris-bred bull, Lochinvar. She is a Cruickshank Secret and has a heifer calf at foot by the Scotch bull, Diamond Rex, a son of Imp. Cock Robin, and she is bred again to the same bull. This cow is good enough to go into any of the good herds of this country. Velvet Rose is a splendid Diamond Rex heifer consigned by Mr. Bixler. She is a Scotch-topped Wild Eyes and an exceptionally good one. Another nice heifer that he sells is Lady Grace by Diamond Rex. She is a roan in color and a good one. She is one of the nicest young things in the sale and belongs to the Cruickshank Generosity family. He sells three young bulls, one of which is a straight Scotch. His name is Gold Standard and he is a yearling son of Diamond Rex, out of a daughter of Vermont. He is a Cruickshank Secret, a red in color and is a bull that could head any herd. The other two are both Diamond Rex bulls, one a roan and one a red. The roan is one of the thickest young bulls in the sale and would make an excellent steer bull. In the heifer line possibly the best thing in the sale will be Lady Stamford 2d by Diamond Rex and out of Imp. Lorraine by Aberdeen of Markham. She is one of the very best Scotch heifers that will be sold this season. She is a roan in color and is hard to beat. Her dam is a 1,600-pound cow, and one of the best in the Bixler herd. Mr. Bixler also sells two other heifers and one young bull. The Harden Bros. sell three young bulls and one cow with calf at foot. One of the bulls is sired by Good Enough, a straight Nonpareil bull, and the other two by Newton, a son of Hillsdale Commander. The cow that they sell is a three-year-old and is bred to the Scotch bull, Colonel Dalmeny, the bull that topped the Villisca sale last year. Prospective buyers will find some very good cattle in this Red Oak sale. Write Mr. John M. Bixler, Corning, Iowa, for catalog and then make it a point to be at the sale. Kindly mention Homestead when writing.

## The Shenandoah Short-horn Sale.

On Wednesday, January 30th, at Shenandoah, Iowa, will be held the combination Short-horn sale with Mr. C. F. Mitchell, of Farragut, Iowa, as manager. There will be forty-two head of cattle in the sale consigned by Messrs. C. F. Mitchell & Son, W. B. Clark and John S. Dickey, Farragut, Iowa; George H. White, Emerson, Iowa, and the entire herd owned by the Spears Estate, Shenandoah, Iowa, will be dispersed. The late Mr. Spears was one of the well-known breeders in southwestern Iowa and his herd was made up of some particularly good individuals. Many of the Spears cows will weigh from 1,200 to 1,600 pounds, and as the entire herd will be dispersed there will therefore be some good bargains offered. No. 1 of the catalog is a two-year-old Scotch bull, consigned by the Spears Estate. His name is Victor's Royal Pride and he is a son of the well-known Scotch bull, Victor Archer, that formerly headed the Woodford herd. His dam is Imp. Cluny Flora 7th, one of the best Scotch cows today in the state of Iowa. He is a very promising young bull and a richly-bred fellow. Messrs. Mitchell & Son will sell two young bulls, both sired by Pride's Lavender, a son of Imp. Scottish Pride. This bull was used in the Mitchell herd with much success and was afterwards sold at South Omaha for \$300. Both of these bulls are very nice youngsters and will make some one herd bulls. Mr. George H. White sells seven or eight head, including his two-year-old prize-winning bull, Contractor's Banner Bearer. This bull was shown at both the Iowa and Nebraska State Fairs last season and was winner at both shows. He is a particularly nice roan bull, a wonderful flesh carrier and one that is far ahead of most bulls that now head herds in his country. Bud White, a three-year-old brother of his, won third at the International last fall. The man that wants a herd bull cannot well afford to not go after this bull, because he is a good one. Mr. White also sells some good young bulls and some nice cows and heifers. One of these is a six-year-old cow, Fancy Lady 3d, a daughter of the Westrope bull, Royal Prince. This

cow is a good breeder and has had four nice bull calves. Mr. John S. Dickey sells three head, two bulls, both sired by the Scotch bull, Bampton King, and a yearling heifer, a daughter of Royal Crown. There are a nice lot of cattle in this sale of the well-known American families. It is a sale of particularly good individuals and there will be some good bargains in this offering. Write Mr. C. F. Mitchell, Shenandoah, Iowa, for catalog and be kind enough to mention The Homestead.

## Forty Brood Sows at Public Auction.

On January 29th, Mr. A. L. Mossman, of Radcliffe, Iowa, who is one of the reliable Duroc Jersey breeders of Iowa, will hold his sale at his farm one-half mile east and two and one-half miles north of Radcliffe, in a seated and heated tent. The offering will consist of ten tried brood sows and the tops of his herd which have proved themselves to be breeders and good mothers. Hazel D., one of the sows, is a daughter of Tientsin 17261, the sire of the champion junior yearling sow at the state fair in 1906. Some of the yearling sows are half sisters to this sow and are bred to A. L.'s Chief. A list of the boars bred to these sows will be found in the advertisement on page 45 of this issue, as well as other information that will be of value to those of our readers who want to buy good Duroc Jersey sows. The catalogs are now ready and will be mailed to those who write for them. Mr. Mossman, in the introduction to his catalog, says: "We have been blessed with an abundant crop of Durocs on the Prairie Glenn Farm. I desire to announce to my friends and brother breeders that I am going to offer the best lot of gilts and bred brood sows, on January 29, 1907, I have ever had the privilege of offering, not only of great growth and plenty of quality, but examine the blood lines of this offering and see the richness of which the herd is composed. Tientsin 17261, a sire of prize winners; Ohio Chief 41419, the king of Durocs; A. L.'s Chief 43327, a demonstrated sire of great growth and quality; J. Wonder 43861, a splendid sire—here is more Crimson Wonder blood—and the gilts and sows will show for themselves on sale day. They have been fed and handled to do both the purchaser and myself good. Be it remembered, I have the honor of breeding the junior yearling sow taking first at our last state fair and I think I have just as good to go into this offering, so let me cordially invite all to attend in person and if impossible in person, by proxy. Most of the sows carry their own guarantee. All sows are guaranteed to be safe in pig. Should any prove not to be safe in pig and so reported within thirty days of sale, one-fifth of purchase price will be refunded."

## The Rankin Duroc Sale.

February 1, 1907, the day following the Harding sale, at the same place, Carson, Iowa, is where Mr. W. A. Rankin will again sell Duroc Jersey brood sows. "Bilty" Rankin, as he is familiarly known, is selling forty head of his tops and there are some good ones in his offering. He is selling eight granddaughters of old Gold Dust Jim, several granddaughters of Crimson Wonder and three daughters of Glendale Critic. Lady Orion, one of the best daughters of the mighty Orion, bred to the great Ohio Chief, will be one of the great attractions of his sale, and she is entitled to a place in the best herd in this country. He is selling one great-granddaughter of Ohio Chief, mated to Proud Lady's Orion, a son of the noted \$1,275 sow, Proud Lady. Twelve of his fall yearlings are bred to Miss Bob's Wonder, a son of Crimson Wonder. He is also using a son of Ohio Chief, and let us say that he is a good one. We have known the Rankin herd ever since he has started to breed Durocs and we have never seen as good a lot of sows coming from his farm as he will put through this sale. The sale will be held at the sale pavilion, Carson, Iowa, and every attention will be paid those in attendance. Arrangements will be made to care for the hold over from the Harding sale the day before, and the boys will all have a good opportunity to inspect his offering before the sale. The blood of all the leading winners will be found in the Rankin offering. Be sure that you make your arrangement to be with him on sale day. Write for catalog, mentioning The Homestead, and if you cannot be there in person, send your bid to the auctioneer or to Mr. M. T. White, Homestead representative, in care of Mr. Rankin.

## Pederson's Duroc Jersey Sale.

On January 24th, at his farm near Ocheyedan, Iowa, Mr. Gus A. Pederson will sell forty head of Duroc Jersey brood sows and spring gilts. Mr. Pederson is one of the most progressive breeders in northern Iowa and he is selling the best bunch of sows that he has ever owned. These are sired by his old herd boar, Osceola Chief (a Van Patten-bred boar), Gruver's Orion, Proud Perfection and More Wonder. These are bred to G. P.'s Model, Sunny Jim and Osceola Chief. Mr. Pederson says of these sows: "My offering is doing nicely and I have cataloged the best lot that has ever gone through my sale ring. I am breeding these to three of the best boars that can be found in the Northwest and those who attend my sale will find as growthy a bunch of gilts, with more growth than is usually found in one sale. They are all good cherry reds, and they are fed in a way that will insure a good litter for the man who buys them." Write Mr. Pederson, at once for catalog and mention The Homestead. Ocheyedan is on the C., R. I. & P. railroad, the second station east of Sibley, Iowa, in the northern part of the state.

Mr. J. C. Hardman, of Brayton, Iowa, the well-known Poland China breeder, writes: "I am going to hold a brood sow sale at Council Bluffs, Iowa, on February 8th in connection with Mr. Lon Hamilton. We will sell fifty head and in my consignment I am selling every one a good one. I am going to put in a fall gilt that I think is the largest thing of her age with quality that I have seen. She sells safe in pig to the big boar I purchased of Mr. George White and she certainly should do someone a lot of good."

## RED LETTER

## BROOD SOW SALE

At my farm, 3 1-2 miles from LeGrand, Iowa, on January 22, I will sell

**36 Registered Poland China Bred Sows, -- 17 Matured Sows and 19 Gilts---of the Most Fashionable and Approved Breeding; also 6 Poland China Boars. 6 Very Select Chester White Bred Sows. 7 Duroc Jersey Bred Sows, the Cream of the Breed.**

The Poland China sows are bred to such noted boars as R. G.'s Perfection, Perfection E. L. Again, and Rowdy S. Chester White sows are bred to Romeo, Young President, and Grove's Choice. The Durocs are all bred to the sensational boar, Senator W. No better lot of bred sows ever went under the auctioneer's hammer in Iowa. Rich in the blood of Chief Perfection 2d, One Price, Chief Tecumseh 2d, Wilkes, and other aristocratic Poland China blood lines. The Durocs and Chester Whites are unsurpassed in breeding. I defy any one breeder to present six better individuals, or better-bred ones, in the sale ring. Will also sell at same place and time, four choice Short-horn bulls, registered. This advertisement will not appear again, hence, write at once for catalog of this all-important sale, mentioning The Homestead.

Auctioneers:  
J. H. McElrath,  
W. P. Mausherry,  
R. N. Donhowe,  
R. S. Gowdy.

**R. G. TWEED, PROP.,  
Le Grand, Iowa.**

JOHN SCHMIEDER'S GREAT  
Poland China Brood Sow Sale  
REMSEN, IOWA, JANUARY 29, 1907.

**45 Very Choice and Growthy Gilts and 2 Brood Sows.**

**46 HEAD** sired by Winning Perfection 105015, the sire of the first prize pig at the Sioux City Fair; Keep On 3rd, a grandson of Old Keep On; Grand Chief Tecumseh 2d, sweepstakes boar at the Nebraska State Fair and Moss Chief, a son of Chief Tecumseh 2d. There will be four full sisters to the 1st prize Interstate Fair pig in the sale, and they are good. These will be bred to Winning Perfection, Large Duke and All Duke 2d. All Duke 2d, a grandson of Nemo L's Duke, and a cracking good pig, will be sold in the sale. Write for catalog to

**JOHN SCHMIEDER, REMSEN, IOWA**  
COL. J. A. BENSON, Auctioneer. Please mention Iowa Homestead.

## POLLED DURHAM CATTLE.

## DOUBLE STANDARD

## Polled Durham Short-Horns

**HERD** headed by Secret Knight, he by the \$1,000 Idle Knight K1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

**SHAVER & DEUKER,**  
Kalona and Wellman, Iowa.

## ABERDEEN ANGUS CATTLE.

THE WHEATLEY & WARD  
...HERD...

**OF** Aberdeen Angus. 175 head in herd—Herd bulls, Maplehurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Roseguy 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranking in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address,

**WHEATLEY & WARD,** King City, Missouri.

ABERDEEN ANGUS & POLANDS  
FOR SALE.

**I HAVE** some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

**C. H. SEIBEL, PATON, IOWA.**

## Allendale Doddies

**WE** have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

**R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.**

## ABERDEEN ANGUS CATTLE.

10 Aberdeen Angus  
BULLS FOR SALE.

**Twelve to Fourteen Months Old.**

**WILL** sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

**John E. Griffith,**

**WASHINGTON, IOWA.**  
(Mention Homestead.)

HIGH CLASS ANGUS  
BREEDING STOCK AT REASONABLE PRICES.

**ERICAS, QUEEN MOTHERS, ZARAS, GRAYSTONE PRIDES** and other families represented, all by such noted sires as **BLACK JAM 3d 30709, IMP. ABELOUR, 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619.** Females safe in calf or with calf at foot for sale at all times.

**H. H. Trimble Herd, Bloomfield, Iowa.**

Address all communications to  
**O. D. WRAY, Bloomfield, Iowa**

## Pleasant Hill Angus

**SPECIAL** prices for 30 days on 10 bulls, 20 cows and 5 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

**J. NISSEN,**

**Meservey, Cerro Gordo Co. Iowa**

## 7 ANGUS BULLS 7

**FOR SALE**—One Queen Mother, 1 K. Pride, 2 Duchesses, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, **FRANK P. PAUP, Kirkman, Iowa**

When writing to advertisers please mention this paper.



**GREAT DISPERSION DUROC SALE**

AT TECUMSEH, NEB., JANUARY 23, 1907.

**45 HEAD OF RICHLY BRED DUROC JERSEY BRED SOWS. 45**

On the above date the firm of Peek & Putman will disperse their herd of Duroc Jersey hogs, including fifteen head of tried brood sows, twenty head of good, strong yearlings, ten head of extra good gilts, four good male pigs, including the grand young boar, Young Hanley, by Hanley. The great sow, Banner's Top, by Tip Top Notcher and bred to Kan't Be Beat, will be sold in this sale.

Write for catalog.

**PEEK & PUTMAN, PROPS., Tecumseh, Neb.**

Auctioneers

Col. L. W. Leonard.

Col. C. B. Clark.

Col. Geo. Menkin.

ABERDEEN ANGUS CATTLE.

**Holbrook Aberdeen Angus Breeders.**

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jun and Morning Star 21. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

**PLEASANT GROVE STOCK FARM**

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150, 40 choice bulls and some cows, now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry.

JERSEY CATTLE.

**JERSEY CATTLE.**

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER &amp; SMITH,

BEATRICE, NEB.

HEREFORD CATTLE.

**.....9 CHOICE YEARLING HEREFORD BULLS 9..... FOR SALE.**

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th 12465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address,

JOHN SECOR,

Mechanicsville Iowa

**HEREFORD BULLS**

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL,

Mt. Ayr, Ia.

**WILLOW GROVE HEREFORDS**

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Heasid and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

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4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Wray & Son, New Sharon, Ia.

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Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

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I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

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**40 Choice Hereford Bulls 40 Choice Bred Heifers**

RANGING in age from twelve months to two years. All sired by prize-winners.

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TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.

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**Table Backed Herefords**

For Sale Cheap to Quick Buyers. 40 BULLS from 10 to 26 months' old. 50 heifers, bred, average two years old. Prices low, try me.

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JACKS.

**KENTUCKY BRED**

75 Kentucky Bred and Imported Jacks For Sale.

We have more good jacks than any two farms in the United States. Come and see, or write for catalog. Mention this paper.

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**Rockford Herd Chester Whites and O. I. C.'s**

A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd leader, call or write for description and prices.

JNO. CRAMER, BEATRICE, NEB.

**POPLAR GROVE FARM**

TOPPY O. I. C. GILTS.

March Farrow Ready to Ship.

W. R. WEBB, R. 3, Spencer, Clay Co., Iowa

**Chester White Boars and Sows**

15 FINE boars for sale, and some choice gilts, bred or open. Prices reasonable.

J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. P. E. Hankins, Sciota, Illinois.

OHIO Improved Chester Whites, Sept., March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.

SOLD OUT OF CHESTER WHITE BOARS HAVE a few choice gilts at moderate prices. B. R. Bart, Coggon, Lam Co., Iowa.

A FEW good O. I. C. gilts, safe in pig, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

**PUBLIC SALE****OF FORTY HEAD OF THE LARGE TYPE POLAND CHINAS**

At Hubbell, Neb., January 31, 1907.

**20 head of aged and yearling sows, 20 growthy big boned gilts**

Six Expansion See sows bred to Grand Look, first-prize hog under eighteen months at Nebraska State Fair, 1906, and first and sweepstakes at Hutchinson and St. Joseph Interstate Fairs. My herd represents the blood of Expansion, Mogul, Highland Chief Jr., Ontler, a son of On and On and other boars of showyard fame. If you are looking for big ones, come and see me. I have them. Catalogs now ready. Mail bids can be sent to Ray Page, of The Homestead, in our care.

Y. S. Branson, Auct.

McKeever &amp; Sons, Proprietors.

CHESTER WHITE HOGS.

**Lawshe's Chester White Sows and Gilts.**

100 HEAD of very choice matured and fall yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Monarch Jr. 13301, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address Geo. H. Lawshe, R. R. 3, Harlan, Ia.

**D. H. LEWIS, BREEDER AND SHIPPER OF THE Improved Chester White Swine.**

50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head R. F. D. No. 6, GENESEO, ILLINOIS

**SOLD OUT BUT STILL IN THE BUSINESS**

Of breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

**The Wildwood Herd Chester White Hogs**

THIRTY lengthly, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

W. W. VAUGHN,

MARION, IOWA.

**CHOICE CHESTER WHITE SOWS & GILTS**

THE kind that sell, the kind that win. Bred to the most noted boars living, such as Captain 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection soil fed. 1 mile west of Kirkman, Ia. H. & A. Phone 826G. I handle the best; ship no inferior stock. Address or call on J. L. BARBER, R. R. 3, HARLAN, IOWA.

**MAPLE GROVE CHESTER WHITES.**

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neposet, Illinois.

Modeler 13235 and W. F.'s Model 12101 AT HEAD OF

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CHESTER WHITES. to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Ply. Rock cks. W. F. Hemmerling, Dike, Grundy Co., Ia.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent Klug, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, BASTINGS, NEB.

**I Pay Express Charges**

and ship C. O. D. choice Improved Chester White BRED GILTS. Write for illustrated catalog free. B. M. BOYER, Farmington, Van Buren Co., Iowa

**PUBLIC SALE OF Short-Horn Cattle and Chester White Bred Sows FEBRUARY 21, 1907.**

J. LEFERBURG, Fairfax, Iowa Eight miles west of Cedar Rapids.

**18 Large, Growthy Chester White Sows**

FOR SALE, of March and April farrow. Weigh from 200 to 250 lbs.; are all bred and safe in pig. No bluer blood in the state. Prices reasonable; write me before you buy.

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**T. A. STEVENSON,**

Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

**Chester White Spring Pigs All Sold.**

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

**Chester Whites.**

Farmers' Prices. I HAVE 20 well bred April boars and about 50 bred sows and gilts for sale at farmers' prices. S. J. Philson, Harlan, Iowa.

**IMPROVED CHESTER WHITE GILTS**

OF MARCH and April farrow, extra good ones. Prices very low. Also yearling and two-year-old sows; gilts and sows safe in pig.

E. J. TRUMBAUER, Patterson, Iowa

**HUMBERT & WHITE'S "Combination" Chester Whites**

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address, F. D. HUMBERT, Nashua, Iowa. F. P. WHITE, New Hampton, Iowa.

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Ten Years' Experience

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# Dispersion Sale of the Cedarbank Herd Poland Chinas

## THE BIG KIND—THE KIND THAT MADE NEBRASKA FAMOUS

TO BE HELD AT  
**FULLERTON,  
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**Jan. 25**

THIS is a public sale of the entire herd and includes some that have heretofore never been priced, and sired by the most noted hogs living. Fifteen daughters and six granddaughters of PETER, STERLING 63535, the best living son of Chief Tecumseh 3d. These are all sows of great scale and wonderful bone, and are grand, good brood sows, always farrowing large litters and raising them. If you are interested in the big kind, the kind that make the most pork for the least money, then send for my catalog and come to the sale.

**CEDARBANK  
FARM,**  
**THOS. F. MILLER,**  
**FULLERTON, NEB.**  
**Col. T. C. Callahan,**  
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Kindly mention Iowa Homestead when writing.

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AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



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Work satisfactory. Prices reasonable.

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**CATALOG**  
**Of Young Bulls For Sale**

Will be ready about January 20, 1907.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

**FLYNN FARM COMPANY,**  
Room 316 Flynn Building,  
**Des Moines, Iowa**

**FAIRVIEW SHORT-HORNS**

SCOTCH bulls at reasonable prices. Fairview Royal Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135256.  
**M. D. YARD, CRAWFORDSVILLE, IA.**

**PUBLIC SALE OF**  
**Short-Horn Cattle and Chester White Bred Sows**  
**FEBRUARY 21, 1907.**

**J. LEFEBURE,** Fairfax, Iowa  
Eight miles west of Cedar Rapids.

**SCOTCH TOPPED SHORT-HORNS**

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.  
**Jan. E. Stephenson, Alburnett, Iowa**  
Otter Creek Stock Farm.

**JONES CO. HERD OF** {Sittytou Sort 173649  
**SHORT-HORN CATTLE** {Wampun of Way-  
side 243046  
We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, **G. P. Tyrell & Son, Props., Oxford Junction, Ia.**

**BEAVER CREEK SHORT-HORNS.**  
SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,  
**N. A. LIND, Rolfe, Iowa**

When writing to advertisers please mention this paper.

**HANN AND MAYNE PUBLIC SALE OF**

**HEREFORD CATTLE**

TO BE HELD AT  
**HARLAN, IOWA, FRIDAY, FEB. 1, '07**

**50** HEAD. A GRANDLY BRED LOT OF COWS  
AND HEIFERS AND ABOUT SIXTEEN EX-  
CELLENT YOUNG BULLS IN THE SALE **50**

MR. HANN sells twenty-one head of cows and heifers and seven young bulls. All of the young cows and heifers are sired by the great show and breeding bull IKE 77284, a 1st prize and sweepstakes winner at the New York and Michigan state fair. Dolly the 2d was in calf to IKE when she sold at the Chicago sale for \$5,000. All of the daughters of IKE are bred to SPARTAN GROVE 2d 153707, a 1st prize and sweepstakes bull at the Nebraska State Fair in 1903, and 1st prize bull at same fair in 1904. This bull will be sold in the sale and he is a great herd bull. Mr. Hann has sold his 240-acre farm and therefore must sell these cattle in order to reduce his herd. Some of the young bulls that Mr. Hann is offering for sale are exceptionally good ones.

MR. J. S. MAYNE, HARLAN, IOWA, is practically closing out his entire herd. He is one of the oldest breeders in Shelby county, and got most of his foundation stock from the herd of the late Ben Hershey. The Mayne herd has been for the past thirteen years one of the best known Hereford herds in Shelby county, and as he is disposing of his entire herd he will therefore offer some splendid bargains in females and bulls.

No postponement on account of weather. Sale in new heated pavilion. For catalog address,

**F. W. HANN, Mgr., HARLAN, IA.**

**COL. GEO. P. BELLOWES, AUCTIONEER**

Harlan is on the Chicago, Great Western, Chicago & North-Western and Rock Island railroads; one hour's ride from Omaha.

### COMBINATION SALE OF REGISTERED

**SHORT-HORN CATTLE**

To Be Held at Sale Pavilion on Fair Grounds

**SHENANDOAH, IOWA, JANUARY 30, 1907.**

**40 Head---26 Females and 14 Bulls---40 Head**

From the herds of Geo. H. White, Emerson, Iowa; W. B. Clark, Farragut, Iowa; John S. Dickey, Farragut, Iowa; C. F. Mitchell & Son, Farragut, Iowa; and the executors of the estate of the late Samuel Spears, Shenandoah, Iowa.

The above breeders are selling some of their best cattle. Among the bulls are several strong, vigorous yearlings of outstanding merit. The females are a good lot and comprise the tops of these herds. The Spears herd will be closed out in this sale, and they are selling some splendid cattle, their herd being noted as one of the best in southwest Iowa. There will be show bulls that were prize winners at the Iowa and Nebraska State Fairs, as well as at some of the best county and district fairs in the state. Mr. White sells Contractor's Banner Bearer, second-prize bull at Nebraska and one of the leading prize winners at the Iowa State Fair. This will be one of the best Short-horn sales ever held in southwest Iowa. The cattle are an exceptionally good lot individually and many of the cows will have calf at foot. Write for catalog and kindly mention The Homestead. Address,

**C. F. MITCHELL, MANAGER, FARRAGUT, IOWA.**  
Col. Geo. P. Bellows, Auct.

### SHORT-HORN CATTLE.

**10 Red Short-Horn Bulls For Sale**



**12 TO 17 MONTHS OLD.**  
Sired by Victoria's President 208996.  
**McKEEVER BROS., Farley, Iowa.**

**CRUICKSHANK  
BULLS**

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

**C. C. NORTON, CORNING, IOWA**

**SHORT-HORN HERD HEADERS**

**Cookson Bros., West Branch, Iowa,**

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

**SCOTCH BULL FOR SALE**

I have a very choice and richly bred  
Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

**E. R. SILLIMAN,**  
**COLO. IOWA**

**BLUFFVIEW  
SHORT-HORNS**

A FINE BRAWITH BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

**F. A. EDWARDS, PROP., WEBSTER CITY, IA.**

**Malaka Short-horn Bulls.**

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

**H. D. PARSONS.**

**NEWTON and BAXTER, IOWA**

**EVERGREEN STOCK FARM**  
**SHORT-HORN BULLS**

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oderic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

**N. P. HALGREN,**  
**Vinton, Benton Co., Iowa**

**FOR SALE OR EXCHANGE**  
THE ROAN bull, Merry Charmer 214876, Sire, Imp. Merry Hampton, dam, Charmer 11th. Will exchange him for dark red bull of equal quality. He is a three-year-old.  
**W. A. ELLIOTT, Pocahontas, Iowa**



# 80 Head Duroc Jersey Bred Sows at Auction 80

**Stockham, Neb., January 21**  
**40--Head--40**

From the herd of J. E. Rowe, including some of his this year's show herd. Three daughters and one granddaughter of Middle Rose Lady 1st and Sweepstakes sow at Nebraska 1906. My herd represents the best blood of the breed. Come and see what I am offering. Catalog now ready,  
**J. E. ROWE, STOCKHAM, NEB.**  
**CALLAHAN, AUCTIONEER.**

**York, Neb., January 22.**  
**40--Head--40**

from the well known herd of G. W. Post. I have selected some of the best things in my herd for this sale. These sows represent the very best blood lines and are bred to the best boars I could buy. Come and look them over. Sale in town. Catalog now ready.  
**G. W. POST, YORK, NEB.**  
**CALLAHAN, AUCTIONEER.**

**SEND BIDS TO RAY PAGE OF THE HOMESTEAD AT EITHER SALE.**

## SHORT-HORN CATTLE.

**W. A. FORSYTHE**  
**GREENWOOD, MO.**

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysie, four Brawly Buds, five Victorias, five Duchesses of Gloster, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

**I. BARR & SON,**  
 Davenport, Iowa.

## BULLS AND GILTS.

THE IOWA STATE COLLEGE

OFFERS for sale some good young Short-horn, Red Polled and Holstein bulls, also choice bred gilts of the following breeds: Poland China, Chester White, Duroc Jersey, Berkshire, Yorkshire and Tamworth. Address,

**DIVISION OF AGRICULTURE,**  
 Iowa State College, Ames, Iowa

## Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Houn Archer heads herd. Write for private catalog.

**W. H. SCHAFER,**  
 KEANSBURG, ILL.

## WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

## 6 Bulls for Sale 6

INCLUDING one Scotch Mysie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class and 1st as Ia. Cham., Ia. State fair, '06 head herd. Herd boars Defender 95447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large-boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

## COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charmer. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinelar Stamp.  
**A. J. GRAVES & SON,** Ames, Iowa

## 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.  
**C. W. DAWES & SON,** Harlan, Iowa

## WILLIAM REED

PLEASANTVILLE, IOWA.  
 BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY SOWS. Twelve head Short-horn built for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consil 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

**Imp. Fashion Favorite 149580**  
**FOR SALE.**  
 Also a few very choice young Scotch Bulls.

Address **J. D. McDERMOTT,** Wiota, Ia.

## SCOTCH AND SCOTCH TOPPED

# SHORT-HORNS

**RED OAK, IA., MONDAY, JAN. 21, 1907**

### CONSIGNORS:

Jno. M. Bixler, Corning, Iowa. S. A. Bixler, Corning, Iowa.  
 C. E. Shoemaker, Corning, Iowa. O. L. Leeklighter, Prescott, Iowa.  
 George Mahr, Corning, Iowa. J. A. Robinson, Prescott, Iowa.

## 40 Head 5 Head Straight Scotch 40 Head Cattle

No. 2 The Clipper. Bull  
 Red; calved Nov. 1, 1905. Bred by C. C. Norton, Corning, Iowa. Owned by C. E. Shoemaker.  
 DAM.

SIRE. BREEDER.  
 Got by Imp. Bapton Admiral 157704 J. Deane Willis  
 Cinderella (Vol. 43) Banker's Victor 168457 Chas. C. Norton  
 Pine Grove Clipper 4th Imp. Marquis of Zenda (157854) W. S. Marr  
 Pine Grove Clipper Knight of Lancaster 116172 Wm. Duthie  
 Imp. Sittytton Clipper 2d William of Orange 95736 A. Cruickshank  
 No. 3 Gold Standard. Cow  
 Red; calved Aug. 6, 1905. Bred and owned by Jno. M. Bixler, Corning, Iowa.  
 DAM. BREEDER.  
 Got by Diamond Rex 205067 Norton & Prather  
 Bridal Crown Vermouth 193769 C. C. Norton  
 Cornucopia Sir Charming 2d 123972 C. C. Norton  
 Lady Crown Imp. Ducal Crown 97149 A. Cruickshank  
 Spleenwort 5th Commander 79556 J. I. Davidson  
 Imp. Spleenwort Royal Victor (43972) A. Cruickshank

There will be some splendid Scotch cows and heifers in this sale; also some excellent Scotch and Scotch-topped bulls, sired by Imp. Bapton Admiral, Diamond Rex (a son of Imp. Cock Robin), Double Lavender, and other noted Scotch bulls. There will be a grand lot of Scotch-topped cows and heifers selected from the above herds especially for this sale. The breeder and the farmer will find what they are looking for in this sale. Write for catalog at once. Address

**JOHN M. BIXLER, MGR.**  
**Corning, Iowa.**

**COL. GEO. P. BELLOWES, AUCTIONEER.**

These cattle will all be on exhibition at the short course at Red Oak, Iowa, the week preceding the sale.

Please mention The Homestead when writing for catalog.

## SHORT-HORN CATTLE.

# NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

**A. L. STUTZMAN,** Mentioning the Homestead, **NEW SHARON, IOWA.**

## HUGHESDALE

REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 2 years heads herd. Write me. **H. J. Hughes,** Trenton, Mo.

## CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, **J. H. MOYER,** Newton, Iowa

When writing please mention this paper.

## NOVINGER & SONS' SHORT-HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

**ISAAC A. NOVINGER & SONS,**  
 Kirksville, Missouri.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

When writing please mention this paper.

## SHORT-HORN CATTLE.

# OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawly Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

## 9 Short-horn BULLS FOR SALE

A Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

**T. A. DAVENPORT, BELMOND, IA.**

## BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

**JESSE BINFORD & SONS,**

ALBION, IOWA, or LISCOMB, IOWA.

## BERKSHIRE HOGS.

# BERKSHIRE

## —BOARS—

FOR IMMEDIATE SERVICE.

I can please you in quality and price. Address,

**GEO. S. PRINE,**  
 Oskaloosa, Iowa

## Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.  
**W. D. McTAVISH, COGGON, IOWA.**

T. J. CONGDON'S Winning Berkshires have won 10 honors at the best shows. I am now offering some very choice pigs, sired by the great Charmer Duke 20th., by Baron Lee 6th. Some choice pigs by Choice Goods. I breed the large, rooney Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

## CHOICE ENGLISH BERKSHIRES

HAVING sold my farm, I will sell 100 choice English Berkshire pigs and hogs of both sexes, at very low prices if taken soon. Write me your wants. I am sure I can please you.  
**E. H. DANCER,** Lamoni, Iowa

## BERKSHIRE BOARS:

A FEW choice bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs.  
**SYLVANUS HAWORTH,** New Sharon, Iowa

## HOLSTEIN-FRIESIANS AT AUCTION.

ON TUESDAY, FEBRUARY 12, 1907.

I Will Sell at Public Auction at the Sale Pavilion at Union Stock Yards,

**SOUTH OMAHA, NEBRASKA,**

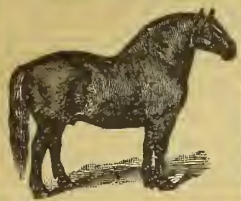
40 HEAD of registered Holstein-Friesian cattle consisting of 30 cows and heifers and 10 bulls. No better blood anywhere. For catalogs and information, address,

**ROCK BROOK FARM,**  
 Henry C. Glimmer, Sta. B. Omaha, Neb.  
 Col. B. V. Kelley, Auctioneer.



# MOATS' GREAT PERCHERON HORSE AND MULE SALE

**33** RANDOLPH, NEBRASKA, FRIDAY, JANUARY 25, '07 **20** MULES  
**MARES, FILLIES, HORSE COLTS AND GELDINGS AND**



In this sale will be a lot of daughters of the well known horse McMahon 23340, considered the greatest Percheron stallion ever used in northeast Nebraska. Many of these will be safe in foal to BLACKBIRD 33756, a ton horse and now at the head of my stud. One of the best mares I am offering is JULIET 22862, a black mare, bred by H. G. McMillan, and will weigh 1800 pounds. She was sired by Nubian 17467. She is one of the BEST REGISTERED MARES in the state and is safe in foal to Blackbird 33756. There will be some great Percheron geldings in this sale weighing from 1300 to 1600 pounds.



## 20 Head Yearling and Two-year-old Mules.

These are good solid colors and in fair flesh. A nice thrifty lot that will make good, big headed fellows and will be good money-makers for those that buy them. If you want PERCHERON BRED horses and mares or good mules you should come to my sale. It will be the greatest horse sale ever held in northeastern Nebraska. Write for catalog at once. Address,

COL. GEO. P. BELLOWS,  
AUCTIONEER

**M. S. MOATS, RANDOLPH, NEB.**

Kindly mention Iowa Homestead when writing for catalog.

### RED POLLED CATTLE.

#### Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evera, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. L.

#### THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

Joseph Kestel, John Schrotberger.

#### Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

### RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

#### RED POLLED BULL FOR SALE

ELEVEN months old, sired by Rex 10907, eligible to registry and of good milking strain. Right type and well grown. Price, \$60. Address, A. H. JEFFREY, Indianapolis, Iowa.

### SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Ry.

#### Red Polled Bulls For Sale

Win. K. Ferguson, Algona, Iowa

### POLAND CHINA HOGS.

#### WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L's Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.

### FOR SALE.

#### Bred Poland China Sows

IN ages from gilts to two years old, of good size and quality and priced to sell.

E. O. WOLCOTT, Gilmore City, Iowa

**Hustle On 105337 Heads Herd.** 2,500-lb. yearling males of T. C. U. S. and Corrector breeding, spring males and bred gilts. R. C. B. Leghorn cockerels. \$1. Scotch herd bulls, choice cows, herd for sale. F. Ebendorff, Strawberry Point, Ia.

### 25 BRED SOWS.

DUE to farrow in March and April. Sired by Michael Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.

M. G. Arnold, Strawberry Point, Iowa

#### Prairie View Herd Poland Chinas

10 GROWTHY, heavy-boned gilts and yearlings, bred for March and April farrow. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. I. & P. J. D. Vorhees, R. 5, Charles City, Iowa

#### Royal Purple Poland China Gilts

A CHOICE collection of March and Feb. gilts, sired by Royal Purple 40006, by Big Perf. 27189. On dam's side they represent Chief Tec. 3d. Gilts bred to a Keep On boar. First-class stock, the result of my 30 years of breeding. Prices, \$25 and \$30. They will go quick. A. H. JEFFREY, Indianapolis, Iowa.

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### POLAND CHINA HOGS.

## GAY PERFECTION 2D. SOWS BRED FOR SALE.

20 GAY Perfection 2d Poland China Gilts bred to Sultan (a son of Thickset.) 3 gilts by Radium, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.

## JOE STEWARD,

AMES,

IOWA.



### WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.

100 FALL and summer pigs, three to seven months old, 54 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G's Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

## 45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON,

DEFIANCE, IOWA.

### POLAND CHINAS

15 HEAD of growthy March and April boars for sale. Good length, good bone, nicely marked and from matured sows. Write for breeding and prices. Annual brood sow sale, February 7, 1907. Mention The Homestead.

BRIDGFOORD & NESBITT,

R. R. No. 3, ALEDO, ILLINOIS.

### Willowdale Herd.

Fancy Poland Chinas.

#### Young Stuff of Both Sexes For Sale.

ALL sows old enough to breed reserved for public sale February 13, 1907. Send for catalog. Pure bred White Wyandotte cockerels, \$1.00.

### HARRY R. SMITH,

Maynard, Iowa

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Ellerbeck, Beatrice, Neb.

### GROWTHY, HEAVY-BONED

Poland China Boars.

OUT of mature parents, best breeding, lengthy, vigorous fellows, 200 lbs. up. Customers well pleased. 999 sold in 12 years. S. Horn and P. Durham cattle. P. S. & S. Barr, Box H, R 4, Davenport, Ia.

### HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

### 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

### POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

### HOMESTEAD HERD OF POLAND CHINAS.

GOOD, strong fall yearling and spring gilts by such noted sires as Keep On 2d, Contractor, Come On, Monnier's Perf. and others. Can breed them to a Chief Perf. 2d boar out of a Keep On dam. Write for prices and description.

J. H. BAIRER, Mazon, Ill.

### BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a son of Keep On and out of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed.

BERT FRY, Plainfield, Bremer Co., Iowa

### 45 ROYALLY BRED POLAND CHINA BOARS.

Sired by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Meddler. These are Al boars. J. C. Hoag, Manson Ia.

POLAND CHINA SOWS. Sired by H's T. C.'s U. S. 55811 an 800 lb. hog in show shape and bred to an extra fine boar for April and May farrow. They have good quarters, length and bone, nice head and ears, smooth coats of good color; right up on toes. The making of extra choice brood sows. Priced cheap to move them. J. B. McAllister, Palo, Iowa

### DUROC JERSEY HOGS.

### BOARS ALL SOLD.

WRITE FOR CATALOG FOR

BRED SOW SALE JAN. 31, 1907.

NORRISH & BEVINGTON, Kingsley, Iowa

### DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEVOE & SON, Mason City, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Aiden, Ia.

### DUROC Jersey gilts bred for April farrow. Large, heavy boned. Price, \$25 to \$30 each. Good ones, world's champion blood. S. S. Krebill, Donnellson, Ia.

### CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address

W. J. S. Taylor, Humeston, Iowa.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

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### DUROC JERSEY HOGS.

#### AVERYDALE HERDS.

Duroc Boars, Short-Horn Bulls For Sale. Bred right, fed right, priced right. A. M. AVERY & SONS, Mason City, Iowa

#### ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants. CHAS. SOBOTKA, Chinesville, Mo.

### JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc Jersey sows for sale.

J. E. WEHR, Portsmouth, Ia.

#### PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 2 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Brynn, R. R. 1, Neponset, Ill.

### DUROC BOARS ALL SOLD

40 GILTS of April farrow for sale. Will be bred to three first-class boars. Gilts sired by Dale 35169, sweepstakes boar at Hamline last fall, also by Pericles and C. W. Prince, by Crimson Wonder I Am. Wm. Malcolm, R. R. No. 1, Bigelow, Minn.

### BOARS! BOARS!

FOUR HERDS. Duroc Jersey, \$15 to \$25. Address, Roycroft Farms, Des Moines, Iowa. Mutual Phone 794.

### L. H. ROBERTS & SON, PATON, IA.

Choice Duroc Jerseys

FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

### 50 Duroc Jersey Sows.

3 Proud Advance Sows  
4 Orion Sows  
Will be sold in Our Sale at  
LYONS, NEB., February 27, 1907  
Jno H. Tryon & Son, Lyons, Neb.

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

### 20 Choice Duroc Jersey Gilts 20

I AM offering a choice lot of bred gilts, weighing from 175 to 300 lbs., that I am pricing for from \$25 to \$50.

ROY E. WEST, Churdan, Iowa

### Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.

I. C. Welch, Bedford, Iowa.

### HILLSIDE HERD DUROC JERSEYS

Spring Boars and Bred Gilts, \$15 and \$20.

G. W. MEDLOCK, Benson, Neb.

### PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

### CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale. All sired by prize winners or sons of prize winners. Reasonable prices.

CHOICE Duroc Jersey gilts bred to Sambo 52791, a grandson of Tip Top Notcher, the \$5,000 prize boar. Prices reasonable. Frank Warvey, Mt. Pleasant, Iowa. R. R. No. 8.

### MIDLAND DUROCS

15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

When writing please mention this paper.



# GREAT WESTERN DUROC JERSEY SALE CIRCUIT

THE CREAM OF SIX OF THE BEST HERDS IN THE STATE OF IOWA

**250**

Including daughters and granddaughters of Ohio Chief, Junior Jim, Crimson Wonder, Proud Advance, Tolstoy and other noted sires. Some of these were leading winners at the Iowa State Fair, including the first prize sow at Des Moines.

**250**

THE MOST UNIFORM LOT OF DUROC JERSEY SOWS THAT WILL BE SOLD THIS YEAR.

**JANUARY 19, 1907**

Aug. Voge, Portsmouth, Ia., will sell at his farm

**40 Head** Eighteen fall yearlings and aged sows and 22 spring gilts. Three daughters of the World's Fair sweepstakes boar, *Tip Top Notcher* in sale; 8 daughters of *Crimson Wonder I Am 2d*, the third-prize boar at Des Moines; one *Junior Jim* gilt, and a daughter of *Lafollette*, considered one of the most sensational gilts of the year, bred to the first-prize Iowa State Fair boar, *Kruger Lad*, will also be sold. A big per cent of the offering will be bred to *Kruger Lad* and *Crimson Wonder I Am 2d*. If you want prize-winning blood come to my sale. Write at once for catalog. Address,

Aug. Voge, - Portsmouth, Iowa.  
Col. L. L. Luther, Auct.

**JANUARY 21, 1907**

Grant Hockett, Manning, Iowa, will sell at his farm

**40 Head** Sixteen aged sows and spring and fall yearlings, rest spring gilts. Daughters of the great *Orion*, *Model Chief*, *Crimson W.*, *Rural* and *Hector*, and are bred to

**I AM ADVANCE**

one of the greatest boars today in the state of Iowa; also to *Crimson W.*, *E. L. Perfecto* and a son of the great *Tolstoy*. I can show more uniformity and more size than has ever gone through an Iowa sale ring. Write me for catalog. Address,

G. W. Hockett, - Manning, Iowa.  
Col. L. L. Luther, Auct.

**JANUARY 22, 1907**

Claremont's Bred Sow Sale, Audubon, Iowa.

**40 Head** of the best sows in the herd go at your own price. This sale includes *Claremont's Empress*, the first-prize gilt at Iowa in 1906, her litter sister, the gilts of the second-prize litter at Iowa, 1906, *Queen Orion*, the famous granddaughter of *Orion*, one of S. E.'s *Model's* best gilts and many others of great merit. This sale is made up of prize winners and sows of prize-winning blood.

**HERD BOARS.**

*Claremont's Model*, first-prize boar at Iowa, 1906; *Proud Advancer*, sire of the first-prize gilt and second-prize gilt at Iowa, 1906; *Audubon*, twice champion over all breeds at Audubon County Fair, and *Claremont's Prince*, a grandson of *Proud Advance* and *Orion*. Write for catalog. Address,

JOHN WEIGHTON, - AUDUBON, IOWA.  
Col. L. L. Luther, Auct.

**JANUARY 24, 1907**

J. E. Wehr, Portsmouth, Ia., sells the cream of his herd.

**40 Head** Fifteen yearlings and aged sows, rest spring gilts. Sired by *Munson's Perfection*, first-prize boar at Des Moines; *Bryan M.*, a grandson of *Duroc Challenger*; *King Perfection*, sweepstakes boar at Des Moines, and other noted sires. Bred to *Proud Advance Jr.*, *Orion's Model*, *Young Surprise* and *Minnesota Chief*, first-prize boar Minnesota, 1906. I never offered for sale such a lot as will go through my sale ring this year. Write me for catalog.

J. E. Wehr, - Portsmouth, Iowa.  
Col. L. L. Luther, Auct.

**JANUARY 25, 1907**

**Public Sale of Duroc Bred Sows.**

On January 25, 1907, I will sell fifty head of sows, six by the old hog, *Orion 5293*, six by *Proud Advance*, three by the sweepstakes hog, *Crimson Wonder I Am*, including one full sister to the sweepstakes boar, *Crimson Wonder Again*, others by *Junior Jim*, *I Am a Wonder*, *Young Advance*, *Tienstin* and other boars. I will also include the great yearling sow, *Ruberta*, winner of first prize at Iowa State Fair last year. They will be bred to the \$5,000 boar, *Junior Jim*, *I Am a Wonder*, *Orion's Son* and *Tienstin*, sire of *Ruberta*. Write for catalog and mention *The Homestead*.

F. E. GARRETT, - LOHRVILLE, IA.

**JANUARY 26, 1907**

Clovercroft Durocs at Public Auction at Glidden, Iowa.

**40 Head** Fourteen tried brood sows and yearlings, balance gilts. Daughters of *Clovercroft King*, *Clovercroft Tip Notcher*, *Adjuster*, *Peerless*, *American Royal*, *Belle's King*, *Advance* and the great *Orion*. They are bred to the great *Long John*, *Clovercroft Orion*, *Clovercroft King* and *Adjuster*. Write at once for catalog.

Dr. J. A. Downs, Glidden, Ia.  
Col. L. L. Luther, Auct.

ADDRESS ANY OF THE ABOVE BREEDERS FOR CATALOG AND KINDLY MENTION IOWA HOMESTEAD.

## DUROC JERSEY HOGS.

### SHORT-HORN CATTLE--DUROC JERSEY HOGS

**80** CHOICE spring pigs sired by *Fairview Wonder 44051*, *Fairview Col. 25803*, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.  
JAMES T. DOLLISON, SAC CITY, IOWA.

### 40 DUROC-JERSEY BOARS. 40

Sired by *Chief of Chiefs*, a son of the great *Winnesieck Chief* out of *Gold Dust Jim* and *Surprise* sows. Choice pigs at reasonable prices.  
DELMAR McCANN, - KENNARD, NEB.

### PIONEER HERD DUROCS.

WE have several good Boars sired by *Royal Top Notcher 23639*, *Sure Winner* and *Echo King 18415*. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address *Arch Brown & Sons*, Waterloo, Nebraska.

### 80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE.  
G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA  
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

### KRASCHER'S DUROC JERSEYS

**150** SPRING pigs by *Mayor Jr.*, first prize winner Illinois State Fair, 1905, and *Gold Cloud*, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.  
FRED KRASCHER & SON, - MAEON, ILL.

### FOR SALE.

I AM offering a few Duroc boars, sired by *Proud Advance* and *Orion*. I will also sell half interest in *I Am a Wonder*, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.  
F. E. Garrett, - Lohrville, Iowa.

Bred Gilts and Sows at Reasonable Prices.  
I HAVE a very nice bunch of Duroc gilts to sell, bred to *Chief Knight 52495*, he by *Red Knight*, and dam *Improver Jewell*. Others to *Imp. King 54117*, he by *Hamilton's Improver*, and dam *North Star*. My yearling sows are bred to *Ham's Challenger*.  
F. A. Ham, - Sarouville, Neb.

**DUROC BRED SOW SALE, FEB. 13, 1907**  
Herd boars *King Top Notcher 35703*, 2d prize senior yearling at Des Moines, '06, *Crimson I Am 43105*, by *Crimson Wonder H. A.'s*, Choice Goods 51197, by *W. S. A.'s* Choice Goods, mated on the tops of over 60 head to pick from. Address,  
H. A. SEXSMITH, GREENFIELD, IOWA.

The Logan Valley Herd of Duroc Jerseys.  
**DANIELSON 12163** at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from *Dandelion* good enough to head any herd. Herd contains blood of such noted sires as *Orion*, *Proud Advance*, *Jumbo Red*, *Glendale Prince* and others.  
W. A. Peterson, - Lyons, Neb.

### 100 CRIMSON WONDER DUROCS 100

I HAVE 100 pigs by *Crimson Wonder Jr.*, *Pericles*, *Pericles II.* and *Top Notcher Chief*, out of daughters and granddaughters of *Ohio Chief*, *Tolstoy*, *Advancer* and *Pericles*. A choice lot of boars for sale. H. L. Cantine, Quimby, Iowa.

When writing to advertisers please mention this paper.

## TWO GREAT DUROC SALES January 24 and 25, 1907.

January 24th we will offer thirty head of choicely-bred sows—twelve aged and eighteen gilts—including *Marie Antoinette* (the first-prize yearling at Sioux City, defeating the Des Moines and Minnesota State Fair winners). Most of the sows are bred to *King Solomon* or boars of equal merit. Sale will be held at *Sol. Frank's* farm, Sioux City, Iowa. Remember the *Stevenson & Cantine* sale January 25th. Good connections from Sioux City. For catalog address *Sol. Frank*, Sioux City, Iowa.

SOL. FRANK, Sioux City, Ia.  
JULCH BROS., James, Ia.

On January 25th we will sell at the Cherokee farm three and one-half miles southeast of Quimby, Iowa, forty head of bred sows, representing the blood of *Crimson Wonder Jr.* (best son of *Ohio Anna 8th*), *Pericles*, *Advancer*, *Top Notcher Chief*, *Keep On* and *Ohio Chief*. Every sow a good one. Remember the sale at Sioux City, January 24th. Write for catalog. Col. P. McGuire will do the selling.

C. R. STEVENSON or  
LEE CANTINE, Quimby, Ia.

## DUROC JERSEY HOGS.

### FOR SALE.

THE produce of *Tip Top Notcher 20729*, Grand Champion Duroc-Jersey boar, World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.  
FAGAN, BROWNING & McCABE, - Hersman, Brown Co., Ill.  
Brood Sow Sale, February 5, 1907.

### ROSEMARY DUROCS.

**GOLD Finch**, champion International 1903, heads herd, 75 extra good spring pigs sired by him for sale at reasonable prices.  
HARRY RIGGIN, - PETERSBURG, ILL.

### OAKWOOD DUROCS.

**CHICAGO Lad 12367a** heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by *Proud Advance*. Address,  
C. T. ROGERS, - PETERSBURG, ILL.

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.  
WATT & FOUST, - CEDARVILLE and XENIA, OHIO

### LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topmy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,  
HARMON GRUVER, - Brewster, Minn.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.  
J. D. NIDLINGER, - DECATUR, INDIANA.

SPRING boars sired by fancy *Crimson Wonder*. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

**WOLF CREEK HERD OF DUROC JERSEYS.** Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to  
T. L. Livingston, Burchard, Neb.

## DUROC JERSEY HOGS.

### State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.  
R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

### Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by *Echo King*, *Red Chief I Am*, *Crimson Wonder 2d*, *Waterloo Prince* and other well known boars. I have the pigs this year; if you want a good one write me. Address,  
SMITH BROWN - Waterloo, Neb.

### 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an *Orion* boar. Write quick if you want one.  
MANLEY & CO., - LYONS, NEB.

### 40 TOPPY DUROC JERSEY BOARS 40

Sired by *Junior Jim*, 2d prize winner at Des Moines, *Glendale Critic*, 2d prize boar at Nebraska state fair, and *Long Altx*, litter brother to the sweepstakes sow *Allix II*. Good ones.  
AUSTIN RENSHAW, - Blair, Neb.

### BOARS! BOARS!

BY *Tip Top Notcher*, *Top Notcher Chief*, *Ambition*, *Hanley*, *Big I Am*, and other noted sires at reduced prices. Write for descriptions.  
H. B. GRIFFITHS, - Bowen, Ill.

### MAY & PORTER,

REMINGTON, IND.  
MAYOR'S CHIEF 40727 and *Top Notcher Best* 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

### Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.  
F. M. ERSCHEN, - Odell, Illinois.

### E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of *Duroc Challenger* and *Minerva C 2d* head my herd. Sows represent the blood of the *Challengers*, *Glendale Critic*, *Improver II*, etc. Have a few fall pigs that I will price right. Write me.

### Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

### PEEK & PUTNAM, TECUMSEH, NEB.

Breeders of High-Class Duroc Jerseys.

OUR herd is rich in the blood of the most noted strains of the breed. Our brood sow sale will be Jan. 23, 1907. Write us and find out what we have to offer.

When writing to advertisers please mention this paper.



# EASTERN IOWA AND WESTERN ILLINOIS DUROC JERSEY CIRCUIT

THE OPENING CIRCUIT OF THE YEAR

## January 22d to January 25th Inclusive

**Tuesday**  
January 22, '07

**HANKS & BISHOP,**  
NEW LONDON, IA.

**40**  
**HEAD**

Offer forty head of richly-bred Durocs; ten aged sows and yearlings; thirty spring gilts, the get of such noted boars as Proud Advance, Buddy K. IV., Major Jr., Top Notcher Again, Indiana Boy by None Such, the sire of Hanley, Ben Davis, first at Iowa State Fair, 1904, Indicator and other noted sires. Sows are bred to Model Wonder, a sensational son of Crimson Wonder I Am, the best son of this noted boar farrowed in 1906. Several bred to Iowa Chief, a son of Golden Rule, from the noted herd of Messrs. Watt & Foust. Our stock is in excellent breeding condition and will please all lovers of good Durocs. Sale will be held in town in heated pavilion. Catalogs now ready.

**Wednesday**  
January 23, '07

**J. A. SMITH,**  
SCIOTA, ILLINOIS

**35**  
**HEAD**

Invites the readers of this paper to attend his annual brood sow sale. Thirty-five head of nicely bred Durocs have been selected for this sale. Fifteen aged and yearling sows and twenty spring gilts sired by Tip Top Notcher. Best of Top Notchers, Long Notcher, a good son of Tip Top Notcher. Major R., Stoner's Improver, J. I. C., a son of Kan't Be Beat and out of Cedarvale Queen VIII, junior champion sow at World's Fair and others of equal note. Write for catalogs.

**Thursday**  
January 24, '07

**REIL & COOPER,**  
FERRIS, ILL.

**35**  
**HEAD**

Offer thirty-five head of richly-bred Durocs at auction. Thirty-five head; tops of two herds. Nine yearlings, twenty-six gilts, bred to Wonder Boy, first-prize boar pig Illinois State Fair, 1906; to Ambition II. by Ambition, the noted yearling owned by Messrs. Thomas & Hogsett; several are bred to Wonder Lad, litter brother to Wonder Boy, others bred to Chief C. Special Attraction—Lady Kruger 3975a, first-prize under year sow Illinois State Fair, 1906, goes in sale; bred to Wonder Boy. Write for catalogs.

**Friday**  
January 25, '07

**N. B. CUTLER,**  
CARTHAGE, ILLINOIS.  
Proprietor of Bonny Mede Farm

**35**  
**HEAD**

Offers to the public thirty-five head of choicely-bred Durocs. The offering is made up of eighteen yearling and aged sows and seventeen gilts bred to Wonder Boy, first-prize boar pig Illinois State Fair, 1906, and headed first-prize litter same show. Several to Peter the Great, he by Big I Am. The best lot ever offered from Bonny Mede herd. Each animal a useful one and many sows of rich breeding and show-yard individuality. Among the best is the show sow, Iona Queen, always a prize winner at leading state fairs. An attractive gilt is offered in a full sister to Wonder Boy, one by Milton Orion, a full sister to Red Carnation, the sow which has topped two noted sales. Catalogs sent free.

Breeders and Farmers are invited to be present at the week's sales, the offerings being of the richest breeding and individual merit. Parties who cannot be present, send bids to Mr. D. M. Pierce, representing this paper. Cols. McGowan, Reppert and Duncan, Aucts, Mention this paper when writing.

### DUROC JERSEY HOGS.

**Thos. Bennett,**  
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 full boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

**GOLDEN HERD DUROCS**

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

**Thomas & Hogsett,** Golden, Ill.

**Maple and Lawnsdale Herds**  
DUROC JERSEYS.

Will sell a few Spring gilts bred to Illinois Chief, the sensational boar recently purchased by us. Also will breed a few sows to Illinois Chief and the noted boar, Hambletonian, at a reasonable fee. A few fall pigs for sale. Address either

**MANLOVE BROS. or J. H. NORRIS,**  
Bowen, Illinois.

**Choice Duroc Gilts.**

I AM offering a choice collection of Duroc gilts for private treaty. Some are by Roby's Crimson 44081, by Crimson Wonder I Am 34697, and are bred to Roby's Duke O, 44079, by Duke of Ohio and he by Old Kan't Be Beat 28067. Also a nice lot of choice ones bred to Roby's Crimson. This will be the best chance you'll have to get some of this famous Crimson Wonder I Am breeding at prices that will make you open your eyes wide, quality considered. Write me your wants, brother breeders.

**W. E. ROBY,** TRURO, IOWA.

**J. LORTON.** Union City, Ind., proprietor of the Clover Blossom Herd of Durocs. I. J.'s Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented. I. J. Lorton, R. R. 35, Union City, Indiana.

**GOLDEN HERD DUROC JERSEYS**

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

**Rood Bros.,** (Swine Specialists), Lake Park, Ia.

A ETHEL RUD 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," B. J. Harding. "He should have borne blue ribbon," S. R. McKelvie, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

### DUROC JERSEY HOGS.

**Prairie Glen Herd of Duroc Jerseys.**

I AM now offering the best lot of Duroc Jersey boars I have ever bred; large, growthy, mellow, smooth fellows, with lots of bone and plenty of quality. Good enough to head the good herds and do the breeder good. Sired by such boars as Al's Chief 43327 N, 15723 A, he by J. J.'s Chief 12445 A; first at Indiana state fair last year, a thousand-pound hog, he by Winchester Chief 10077, he by Morton's King 8725, Tientsin 17261. Imp. Wonder 43561, A. L. Advance 4331, Odebolt Chief 33271, a son of Perfection Chief 425 hog, Pleasant Hill Advance No. 44251, and other good sires; last, but not least, Ohio Chief, two sons of this great sire and show boar. Tientsin No. 17261 for sale, sire of some of my best. Satisfaction guaranteed. Come and inspect, or write me. Prices reasonable; quality best. Address, P. S.—Eight November males of rare quality; three Top Notcher bred. **A. L. MOSSMAN,** TELEPHONE 88-3, **RADCLIFFE, IA.**

**CRIMSON WONDER I AM 34697** Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address, **U. G. DAVIDSON,** **MANSON, IOWA.**

**POLK COUNTY HERD DUROC JERSEY SWINE**

50 choice gilts from the following strains: Proud Orion, Mauley Orion, Granddaughters of Proud Advance, Billi K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tip Top Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.

**Grand Sow Sale February 4, 1907.**

**ROY WEST - - - - - BONDURANT IOWA.**

**PUBLIC SALE OF DUROC JERSEY BRED SOWS**

MY SALE WILL TAKE PLACE ON FEBRUARY 20, 1907. At which time I will dispose of sows bred to Proud Advance 23549, Ohio Chief II 41607 and Proud Crimson I Am 53453, and sired by Proud Advance, Ohio Chief, Orion, Crimson Wonder I Am, Buddy K. IV and other noted sires. We have the best offering we have ever put through the sale ring.

**GRANT WHITE, R. F. D. 4,** **AFTON, IOWA**

**CLAREMONT'S BRED SOW SALE JANUARY 22, 1907.**  
**40 HEAD OF CHOICE BROOD SOWS GO IN THIS SALE.**

Sows of Orion, Proud Advance, Ohio Chief, Improver II, Top Notcher and Sensation blood lines. Bred to Audubon, Proud Advance, Claremont's Prince and Claremont's Model. All boars of great merit and show records. Send for catalog and arrange to attend this sale. Address,

**JOHN WEIGHTON,** **AUDUBON, IOWA**

**CLOVER LEAF HERD OF DUROC JERSEY SWINE**

BOARS all sold. A few choice gilts for sale sired by Pine 37903, winner of 2d in class at Minnesota State Fair 1905. They are bred to two No. 1 boars, one a son of Iowa Notcher, winner of 1st at Des Moines, Hamline and Sioux City, 1906. Write or come. Ship on C. G. W.

**CLYDE H. SMITH, R. F. D. 1,** **Riceville, Mitchell Co., Iowa**

**Pleasant Grove Herd Durocs**

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Brood sow sale, January 22, 1907.

**HANKS & BISHOP PROPS.,** **NEW LONDON, IOWA.**

**The "Nancy Herd" Durocs** Sow sale February 23, 1907. Inspection invited. 125 pigs. Write us. **W. A. STAPLES & SONS,** **GLIDDEN, IOWA.**

**IOWA BANNER HERD DUROC JERSEYS.**

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. **W. L. ADDY & SON,** **Paruell, Missouri.**

### DUROC JERSEY HOGS.

**DUROC JERSEYS AT PRIVATE SALE.**

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientsin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 230 lbs. Write or call on me. **O. L. MOSSMAN, POLK CITY, IOWA.**

**HANLEY BOARS**

**FOR SALE AT REASONABLE PRICES**

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

**McNeil Bros. - Bowen, Illinois.**

**IOWA HERD OF DUROC JERSEYS.**

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

**A. T. Sundell, - Paton, Iowa.**

**WHITE OAK HERD**

OF Recorded Duroc Jersey Swine. We have a number of well selected males of March and April farrow; sired by Top Notcher Model 37663; he is the same breeding as Top Notcher Chief, that won first in class and first as grand champion at St. Louis in 1904. Our sows are the blood of Reed's Banker and Advancer and Advance and Top Notcher Chief. Write, phone or come and see them. Satisfaction guaranteed. Prices way down for quality and breeding. We can ship over the C. R. I. & P. or Northwestern R. R.

**J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.**

**INDIVIDUALITY and breeding combined.** About 70 Duroc pigs sired by Luther H., by Hambletonian (winner at Neb. and St. Louis), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Kan't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. **E. K. Young & Son, Havelock, Neb.**

**Prolific Herd of Duroc Jerseys**

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, **G. Van Patten, Sutton, Nebraska.**

**Fashion Improver Jr. at Head of Herd.**

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. **F. A. Kruse, Waco, Neb.**



HORSES.

# His Majesty, King Edward VII, of England, and Lord Rothschild's Exhibit of Stallions Were Purchased by ROBERT BURGESS & SON at the International Exposition at Chicago, 1906.

Winnings 1906 Demonstrating to the Public the Superior Quality of Our Stud:

Champion Percheron Stallion at the Kansas state fair.  
Champion Belgian Stallion at the Kansas state fair.  
Champion Shire Stallion at the Illinois state fair.  
Champion Shire Stallion at the American Royal, Kansas City.  
Champion American-Bred Percheron Stallion at the American Royal.  
First Best Five Percheron Stallions at the Kansas state fair.  
First Best Five Belgian Stallions at the Kansas state fair.  
First Best Five Shire Stallions at the Illinois state fair.

Second Five Best Belgian Stallions at the Illinois state fair.  
First Best Five Shire Stallions at the American Royal, Kansas City.  
Second Best Five Belgian Stallions at the American Royal, Kansas City.  
Second Best Five Percheron Stallions at the American Royal, Kansas City.  
Champion Shire Stallion at the Chicago International.  
Best Imported Shire Stallion at the Chicago International.  
Best Five Shire Stallions at the Chicago International.  
Reserve Champion Belgian Stallion at the Chicago International.

Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion in your neighborhood, who usually is one of your own neighbors (the most influential man of the neighborhood), whose influence is obtained by a large commission paid to him by the seller placing the stallion. The long-time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50 PER CENT. IF YOU HAVE TO HAVE A COMPANY TO HAVE A HORSE IN YOUR NEIGHBORHOOD, FORM YOUR OWN COMPANY and come to the barns. BE CONVINCED THAT YOU CAN SAVE FROM \$1,000 to \$1,500 which has to be paid to this influential neighbor or neighbors to sell you a horse.

Good American-bred stallions, \$800 to \$1,000. First-class imported stallions, \$1,200 to \$1,600. Choicest stallions a little higher.

We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over thirty-two years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get your guaranty and insurance direct from headquarters. Visit our barns and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guaranties and will sell to you more good horse quality for less money than anyone. Come to the barns and get the most reasonable terms that can be offered.

Send for illustrated catalog and calendar.

**Wenona, Ill.**

**Wichita, Kan. Apply Rosberry & Coon.  
Dawson, Neb. Apply Leroy Judd.**

## PETERSON'S BLACK PERCHERONS.

FOR \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.

H. E. PETERSON,

LYONS, NEBRASKA

## Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2380 lbs.

NICHOLAS STAMM,

Letts, Iowa

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

## Percheron Stallions For Sale.

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

A PERCHERON stallion for sale, imported, color black, coming 11 years in spring. A sure breeder, weight about a ton. Write L. Maasdam, Pella, Iowa.

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$600 each. Address, E. Fugler, Creston, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$500. Hart Bros., Osceola, Iowa.

## LARGE YORKSHIRE DOGS.

Large, Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Onk Lodge Minister 8th 1885 and O. L. Fusilier 6443, two imported boars and Hannover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akhn. Now booking orders. Write us at once.

**LARGE YORKSHIRES.** World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,

Box 2, Lake Park, Minn

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**Clydesdales**  
Janesville, Wis.  
THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.  
Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition For a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If impressed do not fail to Send For New Catalog.

**80 STALLIONS**  
THE BEST IMPORTED STALLIONS  
ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address, A. LATIMER WILSON, CRESTON, IOWA

**21 IMPORTED STALLIONS 21**  
FOR SALE—I have recently landed from Belgium, (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and roans.  
Address, E. H. KNICKERBOCKER, Fairfax, Iowa

**5 Black Percheron Stallions 5**  
FOR SALE.

ALSO have a coking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,

J. S. GOLDER, Scribner, Neb.

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HORSES.

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 168 Percherons, Belgians and Coachers 168

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES," they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He huys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

KEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "huts in," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His 1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA

**PINE RIDGE STOCK FARM**  
Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.  
The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12810 now at head of the stud. Prices below competition.  
Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.  
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**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

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Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



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One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

**Watson, Woods Bros. & Kelly Co.,** LINCOLN HOTEL BUILDING, Lincoln, Neb.

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BREEDING, SIZE, QUALITY, STYLE, FINISH, ACTION, DARK COLORS. GUARANTEED FOAL GETTERS.

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A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another Judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percheron and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsrat O. V. Oltmann, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



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Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors. 25



No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

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### PERCHERON HORSES

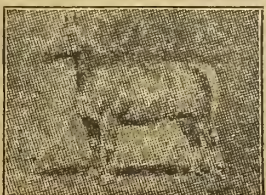
100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



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ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



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We sell stallions of the different breeds for less money than any firm or individual in America.

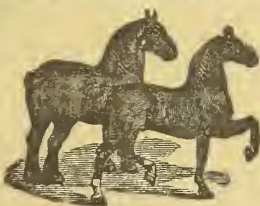
TRUMANS' Always retain Customers.  
TRUMANS' Have the right kind.  
TRUMANS' Buy the right kind.  
TRUMANS' Always imported them.  
TRUMANS' Now a Household Word.  
TRUMANS' Commenced with Prize Winners.  
TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
TRUMANS' With our Customers.  
TRUMANS' Treat you right.  
TRUMANS' Treat you white.  
TRUMANS' Came to stay.  
TRUMANS' Have stayed.  
TRUMANS' Horses admired by the crowd.  
TRUMANS' Always looked for at the Fairs.  
TRUMANS' Always something sensational.  
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.  
TRUMANS' Customers treated Honorably.  
TRUMANS' Customers stay with them.  
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TRUMANS' No loud childish talk.  
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TRUMANS' Do honorable work in Show Rings.  
TRUMANS' Let the Public Judge.  
TRUMANS' Of their Exhibits.  
TRUMANS' Don't want dirty work.  
TRUMANS' Don't pay for it.  
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TRUMANS' No shifty business.  
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

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IMPORTERS AND BREEDERS OF  
PERCHERON, SHIRE, HACKNEY AND  
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We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1,400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

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Lafayette, Ind.



Largest Importers in America of Oldenburg German Coach, Percheron and Belgian stallions and this no man can dispute. Our importation of 1906 arrived November 15th. We have won more blue ribbons in 1906 than all other importers combined.

At the great Illinois State Fair at Springfield we won, out of fourteen shows, twelve blue ribbons in the Percheron, Belgian and German Coach classes. We won the championship offered for the five best Percheron stallions owned by one firm and also the same championship offered for the best five Belgian stallions. We won the championship for best Belgian stallion and second, third and fourth in that class. At all other fairs we have done as well and we can show buyers more good, serviceable draft and coach stallions than ever before.

Our exhibition in 1906 at the great International surprised the hundreds of thousands of visitors that attended. We can and do sell our stallions as low as they can be sold at any place in America.

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SEDALIA, MO. NASHVILLE, TENN. SAN JOSE, CAL.

JACKS.

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GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

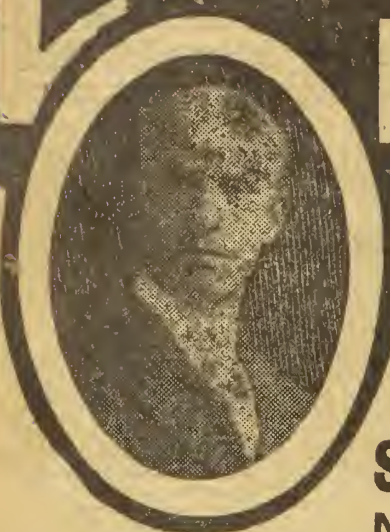
John Henry, Fairfax, Iowa, at the Fair Grounds.



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H. C. GUMBEL

The man who stands back of the "KNODIG" PITLESS SCALE.

## My New Direct-From-Factory Selling Plan

### Saves You All Jobber's and Dealer's Profits

No Deposit—No Notes to Sign—No Obligations of Any Kind

### You Have Nothing to Pay Until Satisfied

The Only Scale  
Guaranteed by  
the Maker  
for 10  
Years

your own premises before you pay me one penny. It isn't one of those sham "free offers," where you pay first and then take your chances on getting your money back, if the article you buy is not satisfactory.

No, sir! I mean just what I say. My "KNODIG" Pitless Scale, with the Protected Bearings, is the best scale ever put on the market. I know all about it because I make the "Knodig," and I know it is good enough to put out on a genuine free basis.

I will send a set to you or any other honest man on 30 days' trial. You have nothing to pay me, no notes to sign, nothing to do but make a fair test of the "KNODIG," entirely at my risk. If it fails to satisfy you, return it at my expense, and I will pay freight both ways.

You can't afford to buy one of those inaccurate, cheaply constructed Pitless Scales which will do poor work and get out of whack in a month or two,—nor a high-priced, old style Pit Scale which runs up big repair bills and can not be moved about on your place.

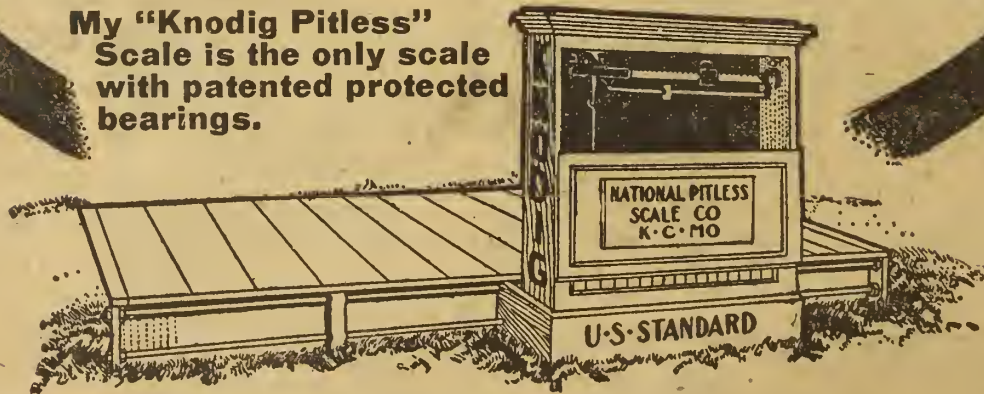
What you need is a KNODIG PITLESS SCALE which costs you a little more at the start than the "cheap" scales sold by the mail-order houses, but is the best investment in the long run, because it lasts a lifetime. The "KNODIG" costs you from \$30 to \$50 less than a Pit Scale, and is as good as any scale made at any price. It is the only scale backed by an unlimited iron-clad 10-year guarantee.

As a matter of fact, you positively can't afford to buy any scale until you have seen my big, illustrated catalog showing the new models A and B "KNODIG" PITLESS with Protected Bearings. They are the only scales ready for instant use when you want them. No ice nor snow to cut away from the bearings in winter—no dirt nor dust to clean out in milder weather. Nothing to interfere at any time with the absolutely accurate and sensitive weighing feature of the "KNODIG" PROTECTED BEARINGS.

Fully covered by patents. Sold only direct from factory at lowest wholesale factory prices. Cost about half the price of a Pit Scale and have no expensive pit with rotting timbers, rusting parts and big repair bills.

The KNODIG PITLESS can be removed anywhere on your land, wherever the work happens to be. It is personal property. Should

**My "Knodig Pitless" Scale is the only scale with patented protected bearings.**



you sell your farm, the "KNODIG," unlike the Pit Scale, does not go with the land. Absolutely accurate because tested according to U. S. Standard of Weights. The U. S. Government has selected the "KNODIG" for use in the Kansas City Postoffice. Also in use exclusively at the U. S. Experiment Station, North Platte, Neb.

Here's how I save you money on scales of high quality. Other scales, including the high-priced pit scales, are sold through Jobbers, Dealers, Agents and Salesmen, who all take their profits out of the scale by the time it reaches you, the user. My new Direct-from-Factory Selling Plan now saves you all these middlemen's profits, because I have cut out absolutely everyone who stands between you and me in the sale. You now pay only one small profit on the "KNODIG" over and above the actual cost of labor and materials in producing it.

No other scale in the world is sold this way. If you question this statement, just write to any scale manufacturer and see how quickly he will turn you over to some agent or dealer. But why should you pay MORE for the privilege of buying scales through a third party? That isn't good common sense,—is it?

Does it make the scales you buy any better to pay this extra profit? Is there a single reason why you should NOT deal directly with the factory? You buy Stoves, Incubators, Organs, Buggies and a hundred other things that way, and save money by doing it. Then, why not—Scales?

In adopting this policy of direct selling, I realize that I am making many powerful enemies for the "Knodig" Scale. For I am antagonizing every scale jobber, mail-order concern, dealer, agent and salesman in the country, who will naturally, in self-defense, talk against the "KNODIG" and in favor of the scale that gives them, instead of you, the extra profit.

So, you see, I must rely solely upon you, the man who pays for and uses the scale, and I ask you to decide for yourself where your REAL interest as a scale buyer lies—whether with the scale that comes to you burdened with a "rake-off" for the middlemen or the "KNODIG," which you can now buy direct at a saving of one-third to one-half? Just sit down and think the matter over carefully before you decide. Figure it out for yourself, before giving up any of your good money for anybody's scale. Consult your own interest. Consider your own pocket-book, that's all I ask you to do, Friend.

Am I right about it?

At the  
Royal  
American  
Live Stock Show,  
Kansas City,  
"Knodig" was selected as the official scale.

This Scale is Used and Approved by the U. S. Government, which proves that it must be right.

## Send for My Big Free Scale Book

The "KNODIG" must satisfy you, or no sale, remember! No buying a "pig in a poke" when you deal with me. You try BEFORE you buy my scale. The new "KNODIG" Scale Catalog gives full details of my wonderfully liberal Free Trial Plan and Guarantee. You ought to see this book whether you expect to buy a scale now or not. It contains over forty fine pictures illustrating scenes from farm life and is chock-full of sound scale sense from cover to cover. Cost me a big lot of money to get up, but I'll be glad to send you a copy—FREE—if you say so. Just address me personally, and write today, before the books are all gone, for I want you to have one.

**H. C. GUMBEL, General Manager,**

National Pitless Scale Co., 2011 Wyandotte St., Kansas City, Mo.

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VOL. LII. NO. 4.

DES MOINES, IOWA, JANUARY 24, 1907.

WHOLE NO. 2584

### GIVING THE FARM BOY RESPONSIBILITY.

The following communication has been received from a Missouri subscriber:

Some years ago there was some excellent advice given in *The Homestead* relating to the question of responsibility in farm affairs as a factor in developing boys and young men. You stated that as a rule farm boys do not have as much experience when they come of age as would be the case if fathers adopted a more liberal policy in the matter of banding over responsibility. I have never read in any paper sounder advice than was given at that time, and I take occasion to open up the subject anew.

I have as good neighbors as can be found in any part of the corn belt, but I think some of them are making grave errors by adopting the plan of taking entire charge of all business matters, and also taking the responsibility of performing those items of labor that call for special skill. It will surprise any man who has never tried it to see how a fourteen or fifteen-year-old boy will respond when he is placed under responsibility. Just how far a father should go in letting the boys conduct business affairs and in letting them perform early in life the kind of labor that calls for special skill is not for me to say, but I would like to see you discuss that topic in the columns of your paper.

There are so many different kinds of fathers and so many different kinds of boys that it's a little difficult for us to lay down rules that will apply in all cases.

No boy will grow very much attached to a farm or its affairs if he is given the

drudgery end at all times. Not that we infer that there is drudgery in any special degree about farm work, but if the labor is not divided so as to call into play the brain as well as the hand a good deal of the labor comes nearly being under that classification.

Where pure-bred stock is kept it is easy to make a start in placing responsibility on the boy. Give him charge, for instance, of keeping the books in which is recorded the items that are necessary in keeping up herd records, and see to it that he makes himself familiar with both ends of the business, namely, the animal end and the pedigree end. If he has become interested in matters of this kind his labor in stables, feed lots and pastures becomes the labor of one who uses both head and hand. His interest will center there, and such a boy will seldom find the time or seek an opportunity to take up work along other lines. Give him the drudgery end only—that of hauling fodder, cleaning out stables, milking, carrying and hauling water, etc., and you will soon find discontent written on his countenance and after that his labor had better be performed elsewhere.

Where only grade stock is kept there are fewer opportunities to rivet the growing boy's interest, but it is there just the same if the right attitude is as-

sumed by the parent. Turn over a heifer calf, a mare colt or a sow pig to him and let this be his own, giving him a business-like share in the increase after deducting expenses for feeding. This will sharpen his business instincts, and it will surprise you how quickly he will be able to share a large part of the responsibility of your business.

In addition, we would say let the boy do the difficult things just as soon as he wants to. Let him shear a few sheep while you do the holding; let him take an important part in the labor involved in putting up the year's meat supply; let him handle some of the more complex machinery, and a thousand other things that are too commonly done by the parent while the boy looks on or simply helps a little. In agriculture as much as in anything else we learn to do by doing, and that is why we are in favor of letting the boy undertake the things that he would like to do at the time when he has the notion for it. That mysterious thing called "knaek" can be acquired much more easily while one is in his teens than later in life. A boy of average development at the age of fourteen or fifteen can be trusted to perform almost any kind of work if he is started out under the sympathetic guidance of a sensible parent. He will not be expert from the start, but the

average boy will acquire skill in a marvelously short time.

### MINERAL MATTER FOR HOGS.

The following communication has been received from a subscriber at Laddonia, Mo.:

Some time ago a subscriber asked, through the columns of your paper, for a pig conditioner consisting of such ingredients as charcoal, sulphur, ashes, etc. In reply you gave what is known as the government formula, but I believe that it can be improved upon. I could name many prominent hog breeders who prefer the following formula to anything that has yet been prepared by the government:

One bushel of charcoal,  
One bushel hard wood ashes,  
One gallon of sulphur,  
One gallon of common salt.

Pulverize and mix carefully so that each time the hog takes a mouthful of the formula he will get the proper proportion of all ingredients. This should be placed in dry quarters where hogs have access to it at all times. My reason for claiming the formula superior to the government's is that the hard wood ashes are preferable to chemicals, also that the government formula does not get enough sulphur into the hog. I have used both and watched the results in every instance, and the one I have given you has always been the most satisfactory.

A mixture of this kind is not expensive and in these days when hogs are necessarily raised under conditions that are somewhat artificial it is but natural that they be provided with mineral matters in some form, additional



IMPORTED AND OWNED BY TRUMAN'S PIONEER STUD FARM, BUSHNELL, ILL.

Prize Winning Shires at Iowa, Illinois and Indiana State Fairs and American Royal 1906, Imported by Trumans' Pioneer Stud Farm, Mr. J. G. Truman, Mgr., Bushnell, Ill. See field notes.



to what is received in the food. Hard wood ashes, where they can be obtained, are in themselves an excellent hog tonic. We have in mind one individual who raises about 150 hogs a year and who goes to the trouble to haul hard wood ashes a distance of nine miles for his hogs. His plan is to place these within reach of his hogs and he scatters over the ash pile some common salt and some oil meal. When this is done it is surprising how much time the hogs will spend around the ash pile.

Sulphur also is excellent for a hog, though we believe in feeding it in conjunction with just such substances as are mentioned by this subscriber. If it is fed alone in slop one has to be a little cautious, especially in cold weather, or the hogs are apt to contract a severe cold. This is especially true if the weather is changeable and rains are followed by cold spells.

### THE GREAT BERKSHIRE MEET.

The first meeting of the American Berkshire Congress, commonly called the Berkshire Love Feast, was held at Kansas City in March, 1906, and attracted the largest number of leading breeders of Berkshire swine ever before assembled at a similar convention.

The program of the Kansas City meeting was worthy of the very complimentary recognition it received, and all in attendance voted the conference the most important and far-reaching in its influence for good of any ever held by breeders of Berkshire swine. The uplift given to the breeding of Berkshires, as a result of the papers and discussions presented at the Kansas City meeting, has had a marked effect in stimulating the breeders of Berkshires to adopt and follow much higher standard in the matter of form, better breeding and greater care, and the giving of more attention to all that tends to the further improvement of the up-to-date Berkshire.

The meeting at Kansas City encouraged not a few to make larger and better exhibits at the late fairs, which gave 1906 the record for the largest exhibit of high-class Berkshires ever shown in any previous season. The most pronounced effect of the Kansas City conference followed the discussion of the generally conceded advantages of public sales, and the very gratifying result gives the sale record to 1906, during which year nineteen public sales of Berkshires were held in six states. The public sales of 1906 included 716 head that sold for \$69,168.00, making an unheard of average of \$96.60 per head. The great momentum given to the advance movement of the Berkshire hosts by the first meeting of the American Berkshire Congress at Kansas City is sure to receive a far greater impetus by the second session, to be held at Springfield, Ill., February 20 and 21, 1907.

The show and public sale of Berkshires to be held in connection with the coming session of the American Berkshire Congress will insure the attendance of a large crowd of representative breeders, from all sections of the United States and Canada. The breeder, new or old, who has or expects to make any considerable investment in Berkshires and desires to keep up with the rapidly advancing procession has doubtless made up his mind to attend the meeting of the Congress at Springfield, Ill., February 20 and 21, 1907. The progressive and enterprising breeder of Berkshires who has not completed his arrangements to attend the next session of the American Berkshire Congress at Springfield will decide to attend the convention after he has examined and duly considered the program of the meeting.

The topics and speakers for this session are as follows:

Address of welcome by W. S. Corsa, president Illinois Berkshire Association.  
Response by N. H. Gentry, president American Berkshire Congress.

**THE BERKSHIRE OUTLOOK.**  
Five minute responses by the presidents of state Berkshire associations, viz.:  
Illinois: W. S. Corsa, White Hall.  
Indiana: E. J. Barker, Thorntown.  
Iowa: Geo. S. Prine, Oskaloosa.  
Kansas: W. H. Rhodes, Tampa.  
Michigan: J. E. Hibbard, Bennington.  
Missouri: Sam. Spellman, Sturgeon.  
Ohio: E. B. Everson, Columbus.  
Nebraska: W. A. Apperson, Tecumseh.

**BERKSHIRE EXHIBITS AT FAIRS OF 1906.**  
Five minute responses by the secretaries of state Berkshire associations, viz.:  
Illinois: Lyman H. Lovejoy, Roscoe.  
Indiana: F. W. Hemingway, Zionville.  
Iowa: H. U. Hainline, Orient.  
Kansas: H. R. Little, Hope.  
Michigan: C. S. Bartlett, Pontiac.

Do you realize the full meaning of the fact that The Homestead now has 100,000 subscribers? One hundred thousand is a number so vast that few, even in these days of large things, grasp its significance, except in a comparative way. It may give you a clearer conception of it to compare our subscription list to a great audience, or a number of them. One of the great national political conventions characteristic of American politics sometimes attracts into an immense convention hall as many as ten thousand delegates and spectators. The sight is inspiring and words fail the reporters in trying to describe the "sea of faces" that stretches like a great expanse of moving waters far from the platform where the convention centers. Well, The Homestead's subscription list would number as many souls as ten such great national gatherings; and, if we rate its entire constituency as five readers to each copy, it would require fifty conclaves of that vast extent to equal them.

Another suggestive comparison is in the extent of the paper used: Last week's Homestead consisted of forty-eight pages of four columns each. If those columns of reading matter and advertisements had been measured in their entire length, they would have extended across this continent, and nearly a thousand miles beyond its limits, the full distance thus expressed being 4,058 miles, without multiplying the fractional inches, which would have run into scores of miles. Full page width the sheets would stretch fully 1,000 miles if printed on one side and 500 miles if printed on both sides. On such a colossal scale is modern agricultural journalism carried, with its beneficent mission of spreading light upon the practical and scientific problems of the greatest of human vocations.

"I have taken The Homestead twenty years," writes Mr. J. S. Smith, of Jewell, Iowa, "and consider it the best farm paper published in the United States. I often find in a single issue information that I regard as paying me for the full time I have taken it." That is the true test—the test to which The Homestead likes to subject its own work. It represents an ideal toward which we are ever striving; for we try to put so much into each issue that the ambitious farmer who reads and thoroughly digests its contents will get a full dollar's worth of information every week. We endeavor to make the paper so valuable that the farmer simply cannot afford to do without it. That is the real reason, coupled with the loyal support of thousands of old friends like Mr. Smith, for The Homestead's growth to 100,000 circulation. It now occupies a foremost place among the world's agricultural journals; and, in its own field, enjoys the remarkable pre-eminence of having a larger circulation in Iowa alone than any other Des Moines agricultural weekly has in all the states of the union combined.

Mr. N. A. Peterson, of Geneseo, Ill., feels that he cannot get along without The Homestead and also writes a word

of commendation for the other excellent papers composing the "Red Letter" combination, which he regards as a remarkably good collection of reading matter for the farmer at a wonderfully low price. This year's orders for the "Red Letter" combination are very much greater in number than those of a year ago. Farmers rightly feel that when they can obtain The Homestead, The Chicago Weekly Inter Ocean, The Kansas City Weekly Star, The Farm Gazette and The Homemaker for \$1.25 a year, there is no longer any reason for failing to supply their homes with an abundance of attractive reading matter.

From Artesia, N. M., comes a highly appreciated letter from Mr. William Crandall, who was a reader of The Homestead for twenty years in Iowa and Nebraska, and finds his good habits so strong that he cannot shake them off, for he writes: "When I moved to New Mexico, I thought I would not need The Homestead any more, but I certainly miss its weekly visits much more than I thought I would. Enclosed, therefore, find money order for your 'Red Letter' combination." Hundreds of others feel the pull of The Homestead on their heartstrings in distant states and countries. They do not realize how much a good farm paper is to them until they try to do without it, and then they discover that it is a power for good beyond estimate.

The veterinary department of The Homestead is of priceless value to the farmer, in the opinion of Mr. John Bradley, of Clare, Iowa, who thinks there could be no more profitable reading to the average farmer than it contains. "The legal department has saved many a hard-earned dollar for the farmer, which would otherwise go to fill the coffers of some lawyer, with little or no benefit. The 'Hints and Devices' are interesting and valuable, giving us knowledge of many labor-saving inventions that would otherwise never be thought of. 'Farm Furrows' is to me the most profitable of all the departments, as it shows us where we are lame and reminds us of various things we have forgotten, but which are too important to overlook. I think The Homestead, bringing as it does the ideas of so many practical farmers before us, should be in every farm house and read by every farmer who desires to make a success of his vocation."

"My whole family are delighted with The Homestead," is the gratifying assurance that comes from Mr. William Downing, of Nora, Neb., who expresses his individual satisfaction with the paper and encloses \$1.25 for the "Red Letter" combination. The Homestead always enjoys such letters as that of this loyal Nebraska friend, because they betoken an attachment broader and deeper than the merely personal. The Homestead loves the American farm home and the American family and likes an expression which comes from them all. It conjures up in our minds the typical scene around the farmer's fireside, where husband and wife, surrounded by their children, read and talk together, entertain-

ing and helping one another and bearing one another's burdens. When the whole family in such a farm home as that approves of a paper, its field of usefulness is vastly multiplied. Such tributes to our home department come in thousands of our letters, and are appreciated in the fullest measure.

Mr. Benjamin Clark, of Munden, Kan., takes eighteen newspapers and magazines, but The Homestead has a prime place in his regard, and if he were "weeding out" some of them, The Homestead would be safe and would continue to be a welcome visitor to his home. "To say that I am pleased with it would be putting it mildly," writes Mr. Clark. "It is filled with plain, practical, common-sense reading all through. I have been a farmer all my life, but there is always room for improvement, and I read your 'Hints, Devices and Suggestions' with profit. In fact, all the departments are excellent. The Homestead is a great paper, published in a splendid city, in one of the best states in the union. May joy, peace and prosperity attend its publishers!"

And here on our table lies a letter that went straight to the publisher's heart, for it told another beautiful story of home life in this good country of ours—a story of unselfish love and sacrifice. Thirteen-year-old Elva Sidwell, daughter of Mr. William Sidwell, of Queen City, Mo., writes of a serious illness which came to her father in 1905, disabling him so that he has since been unable to write. Miss Elva tells us about her day school and her studies; about her Sunday school and, with evident pride, of its good attendance. "Father likes Henry Hatch's articles best," she writes; "mother is most interested in the poultry department, and I like the Sunday school department; but to tell the truth, we hardly know which part of The Homestead to praise the most—it is all so interesting." God bless this brave, unselfish little Missouri girl, who is thus doing her part in life—at home writing her sick father's letters; at Sunday school and day school, keenly interested in her work. To have such friendship as hers is a blessing to any newspaper; and to have such a child is more than blessing to her parents.

Have you sent that little advertisement of yours to our classified department yet? If not, remember our rules: Copy should be in our hands by Saturday of the preceding week. Every word should be clearly written, on one side of the paper. The price is five cents a word, which secures without additional charge, insertion not only in The Homestead, but also in The Farmer and Stockman, of Kansas City, Mo., and The Wisconsin Farmer, the three papers having a combined circulation of 190,000. No single insertion accepted for less than \$1.20, so you might as well have your twenty-four words. Every word, initial letter and abbreviation, including your address, counts as one word. Cash must accompany the order, as we keep no books for this department. Look our classified advertisements over. They will interest you and may suggest some profitable line of advertising for yourself.

Ill., and G. C. Council, Vandalia, Ill., who will give a demonstration on Berkshire type, quality, etc.

Discussion of the topics of the morning session until adjournment.

**THURSDAY AFTERNOON SESSION.**  
(1 O'clock, Sale Pavilion, Illinois State Fair Grounds.)  
Banquet 6 o'clock at the St. Nicholas Hotel.

**THURSDAY EVENING SESSION, 6 O'CLOCK.**  
Address, "The Possibilities of a Sire," by W. S. Corsa, White Hall, Ill.

Address, "The Merits of the American and English Bred Berkshires Compared," by C. I. Hood, Lowell, Mass.

Address, "Berkshires are Prolific Breeders," by Frank S. Springer, Springfield, Ill., secretary American Berkshire Congress.

Address, "What Does the Future Promise for the Berkshire Breeder," by A. J. Lovejoy, Roscoe, Ill.

Address, "Some of the Hindrances to the Improvement and Wider Dissemination of our Chosen Breed," by N. H. Gentry, Sedalia, Mo.

**TO CURE A COLD IN ONE DAY.**  
Take LAXATIVE BROMO Quinine Tablets. Drug stores refund money if it fails to cure. E. W. GROVE'S signature on each box. 2c.

Missouri: J. D. Tuder, Salisbury.  
Nebraska: J. K. Honeywell, Lincoln.  
Ohio: J. B. Schlebach, Millersburg.  
Address, "The American Berkshire Congress as a Promotion Agency," by Col. Charles F. Mills, secretary American Berkshire Congress.

**WEDNESDAY AFTERNOON SESSION—1 O'CLOCK.**  
Address, "Pleasure and Profit in Breeding Berkshires," by W. H. Coffman, Bluefield, W. Va.

Address, "The Buyer and Seller, Their Obligation to Each Other," by C. A. Stannard, Emporia, Kan.

Address, "The Paramount Duty of all Breeders to Exhibit Berkshires at the Fair, as the Most Effective Agency for Increasing the Popularity of our Chosen Breed," by Rueben Gentry, Nashville, Tenn.

Address, "The Exhibitor, His Competitors and the Judge, Their Relations and Duties to Each Other," by G. C. Council, Vandalia, Ill.

Address, "Fitting and Exhibiting Berkshires," by W. D. Fletcher, Lowell, Mass.

Address, "The Trials and Responsibilities of the Berkshire Judge," by W. D. Spicer, Bushnell, Ill.

Address, "The Public Sale of Berkshires, What It Accomplishes for the Breed and the Breeder," by L. E. Frost, Springfield, Ill.

Discussions of topics of the afternoon session until adjournment.

**WEDNESDAY EVENING, 7 O'CLOCK.**  
Address, "Breeding Berkshires as a Business," by F. W. Morgan, Beloit, Wis.

Address, "A Study on In-breeding, the So Generally Condemned," by A. M. Fulford, Bel Air, Md.

Address, "The New Breeder of Berkshires," by William Osborn, Morris, Ill.

Address, "Size and Early Maturity of the Berkshire," by W. H. Durham, Toronto, Can.

Address, "The Berkshire Barrow in the Feed Lot," by Percy G. Stone, Bradford, Ill.

Address, "Are the Breeders of Today Advancing in the Improvement of the Berkshire," by Geo. S. Prine, Oskaloosa, Iowa.

Discussion of the topics of the evening session until adjournment.

**THURSDAY MORNING SESSION.**  
(9 O'clock, Sale Pavilion Illinois State Fair Grounds.)

Address, "Is the Score Card of Any Practical Value, and If So, When?" by George W. Jessup, Rockville, Ind.

Address, "The True Berkshire Type or the Standard of Excellence and Needed Changes, if Any," by Prof. William Dietrich, Urbana, Ill.

Judging Berkshires, cataloged for the public sale, in the show ring by Messrs. N. H. Gentry, Sedalia, Mo.; A. J. Lovejoy, Roscoe,



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Farm Furrows

\*\*\*\*\*

Turned by a Practical Farmer.

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Honor, like beauty, is only skin deep in most men

I am not a lover of these stiff stanchions that compel cows to look straight ahead.

When the poor young man finds a rich better half he is also apt to find better quarters.

We are told to love one another, but excuse me when it comes to loving the "smart aleck" chap.

If hay continues to increase in value as it has the past few months I should think it would affect the price of some breakfast foods.

Children get a good deal of their knowledge at school, but real culture is stamped on their character within the four walls of the home.

They say it's an ill wind that blows nobody good, but for me I do not like the uor' westers when I am feeding out a bunch of cattle and hogs.

How does it make you feel to see a \$15 old sow nose around a \$100 fat steer until she puts him out of his snug nest and takes possession herself?

I have no use for the cow of any breed that cannot raise a good calf. She may be a good beef animal, it is true, but she is not the most profitable kind.

I am not a crank on grammar, but it offends my ear to hear high school graduates injecting a grammatical error into almost every statement they make.

Raised a batch of turkeys this year. They roost so high and are so wild when they are on the ground that the only way to get one is to use a shotgun.

There is absolutely no excuse under any circumstances for the use of coarse language in the home. If children are to grow up with refined sensibilities they must live in a refined atmosphere.

I know a man who sent a thousand miles away for some seed corn last year. His crop from that seed was so poor that he came to the conclusion that it wore itself out trying to look as well as the picture in the catalog.

The main fault that I have to find with our stations is that they jump at conclusions without doing enough real experimenting. Anxiety to get something into print frequently leads to the propagation of unsound doctrines.

Straw has been selling around our town for \$5 a ton this winter. Although we had three men in the straw pile at thrashing time, we wish now we had had four or else the three had done a better job. In time we will probably learn to save our straw better.

A subscriber asks the Furrows man to give the weight of the largest hog ever produced. That's a stumper to me. I saw one last year at a state fair that weighed 1,075 pounds. If you know of

THIS IS IT



ELECTRIC

The wagon you are looking for; the wagon folks are all talking about. By every test it is the best—no living man can build a better. Of course you have guessed that it's the

ELECTRIC HANDY WAGON

Low steel wheels; wide tires and durability and good service written all over it. Don't be talked into buying an inferior. Get the wagon that lasts. Or we'll sell you a set of Electric Steel Wheels and make your old wagon new at slight expense. Spokes united with the hub; absolutely impossible to work loose. Sold on a money-back guarantee. Their saving in time, labor, horse flesh and repair bills will pay for them in a single year. More than a million and a quarter in use. All we ask is a chance to tell you more about them. Drop us a line, we'll do the rest. Catalog free.

ELECTRIC WHEEL CO.

Box 43 Quincy, Ill.

a heavier weight than this please drop a line to this paper to that effect. Of course the porcine variety is referred to here and not the two-legged kind.

Sell the cow from your dairy herd that makes you work hard all summer and does not pay for the feed she eats.

It pays to keep stock in the yard so they can be under cover when these cold winter rains come on. A neighbor of mine lost a \$225 gelding the other day, due entirely to exposure to a cold rain.

A pound of good butter would swap even today with a bushel of corn. The former contains no fertility, while the fertility in the latter is worth about fifteen cents. Each man can draw his own conclusions.

In studying to increase the number of bushels of grain raised, study also to increase the number of pounds of butter made per cow. The number of pounds over 120 per year are the ones that help your bank account.

To shout angrily at a horse is to frighten him, and to frighten him is to make him less sure of himself and his master. To lose his confidence is to make him less useful, and since usefulness is almost all horses are kept for one can see how big a mistake it is to shout at a horse.

### THE CURING OF MEAT.

Among the ranks of our readers are to be found a large number who have recently fallen heir to the responsibility of running a home. There are numerous instances where farmers' sons and daughters have had to take some part in the handling of farm meats, but who had to do this with some one else taking the entire responsibility. When these same young people start in for themselves they are obliged to learn the business over again through actual contact or experience.

As pig killing day will soon be here, we have deemed it advisable to present a drawing showing the manner in which the carcass of a hog should be put, and



A GOOD WAY TO CUT.

to give in addition a good method for curing the different parts.

Sometime ago Prof. Andrew Boss of the Minnesota Experiment Station prepared a bulletin on the subject of farm meats for the national department of agriculture, and as we have tried the recipes given by him with unqualified success we have no hesitation in passing them along to our readers.

#### Plain Salt Pork.

Rub each piece of meat with fine common salt and pack closely in a barrel. Let stand over night. The next day weigh out ten pounds of salt and two ounces of saltpeter to each hundred pounds of meat and dissolve in four gallons of boiling water. Pour this brine over the meat when cold, cover and weight down to keep it under the brine. Meat will pack best if cut into pieces about six inches square. The pork should be kept in the brine till used.

#### Sugar-Cured Hams and Bacon.

When the meat is cooled, rub each piece with salt and allow it to drain over night. Then pack it in a barrel with the hams and shoulders in the bottom, using the strips of bacon to fill in between or to put on top. Weigh out for each hundred pounds of meat eight pounds of salt, two pounds of brown sugar, and two ounces of saltpeter. Dissolve all in four gallons of water, and cover the meat with the brine. For summer use it will be safest to boil the brine before using. In that case it should be thoroughly cooled before it is used. For winter curing it is not necessary to boil the brine. Bacon strips should remain in this brine four to six weeks, hams six to eight weeks. This is a standard recipe and has given the best of satisfaction. Hams and bacon cured in the spring will keep right through the summer after they are smoked. The meat will be sweet and palatable if it is properly smoked, and the flavor will be good.

#### Dry-Cured Pork.

For each one hundred pounds of meat

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Ridpath is generally conceded the greatest history ever written. It is so beautifully written your children will learn to love it. It is the only general history recognized as an authority. This is your chance to buy it for much less than ever before.

SEND COUPON TO-DAY AND WE WILL MAIL SAMPLE PAGES FREE.

FOLD HERE, TEAR OUT, SIGN, AND MAIL

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Please mail without cost to me sample pages of Ridpath's History, containing photogravures of Napoleon, Queen Elizabeth, Socrates, Caesar and Shakespeare, map of China and Japan, diagram of Panama Canal, etc., and write me full particulars of your special offer to Iowa Homestead readers.

NAME.....

ADDRESS.....

FREE COUPON. 1-24-07

weigh out five pounds of salt, two pounds of granulated sugar, and two ounces of saltpeter, and mix them thoroughly. Rub the meat once every three days with a third of the mixture. While the meat is curing it is best to have it packed in a barrel or tight box. For the sake of convenience it is advisable to have two barrels, and to transfer the meat from one to the other each time it is rubbed. After the last rubbing the meat should lie in the barrel for a week or ten days, when it will be cured and ready to smoke. To cure nicely it is desirable to have a cool and rather moist place in which to keep it. This recipe should not be used where the meat must be kept in a warm and dry place, as the preservatives will not penetrate easily and uniformly.

Headcheese.

Cut a hog's head into four pieces.

Remove the brain, ears, skin, snout and eyes. Cut off the fattest parts for lard. Put the lean and bony parts to soak over night in cold water in order to extract the blood and dirt. When the head is cleaned put it over the fire to boil, using water enough to cover it. Boil until the meat separates readily from the bone. Then remove it from the fire and pick out all of the bones. Drain off the liquor, saving a part of it for future use. Chop the meat up finely with a chopping knife. Return it to the kettle and pour on enough of the liquor to cover the meat. Let it boil slowly from fifteen to thirty minutes. Season to taste with salt and pepper just before removing from the fire. Turn it into a shallow pan or dish. Cover with a piece of cheese cloth and put on a board with a weight to make it solid. When cold it should be sliced thinly and served without further cooking.



## \$4.00 to \$8.00 Per Acre

That's What a Good Spreader Will  
Do If Used as It Should Be

Write Us And  
Let Us Tell You  
How.



## The Great Western

Is Made for the Man Who Wants the Best.

Our 70-bushel Spreader is a great big, heavy machine. The main frame is all oak, oak pole and hickory double-trees. Made in four sizes—35, 50, 70 and 100 bushels.

It has a great big, strong 16-inch malleable iron fifth wheel, double oak bolster, wide front axle; the wheels track.

It has an endless apron that is always ready to load; no reverse gears, trips, springs or contraptions to get out of order. Spreads all kinds of manure.

It has a galvanized steel hood and end gate. Keeps the manure away from the beater when loading. Prevents choking when starting. Acts as wind shield when spreading.

It has light draft, because the load is nearly equally balanced on the front and rear axles; brings the team close to the load. Front and rear wheels track. Beater shaft runs in ball and socket bearings.

It is so simple that a boy can handle it. Ask your dealer about the

## Great Western Spreader

Don't let him sell you a substitute that he says is "just as good"—Because there is no other "just as good" or nearly as good.

There is no other that is as strong and heavy; the Great Western 70-bushel weighs 2250 lbs. No other has a 16-inch oscillating malleable fifth-wheel, all oak frame, oak pole, double oak bolsters.

Most other 70-bushel spreaders weigh 1800 to 1900 lbs.; if you buy a light, cheap machine, don't pay as much for it as you would for the Great Western—insist on having the best and save breakage, expense and trouble.

Write just these words on a postal card or in a letter—Do it now—"Send me your book, Practical Experience with Barnyard Manures, and catalog No. 4372."

Write us to any address given below:

**SMITH MANUFACTURING CO.,**  
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1201 Leavenworth Street, Omaha, Neb.  
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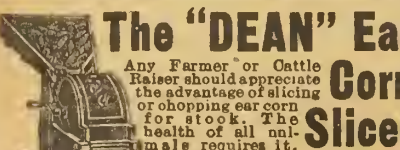
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## The "DEAN" Ear Corn Slicer

Any Farmer or Cattle Raiser should appreciate the advantage of slicing or chopping ear corn for stock. The health of all animals requires it. Feeders today know that grain should be mixed with "crumbs." The cob is the best mixture for calves and steers. "The Dean" Slicer soon saves its price in cob feed alone. Also saves time. Chops ears in 1/2 to 2 1/2 inch slices and cuts from 30 to 40 bushels an hour. Cobs thrive on the small slicing. It's so easily geared that even a boy can run it or any power can be attached. Elevator attachment to bin or wagon. Prices and terms very reasonable. Write today, for your stock's sake.

**Enterprise Wind Mill Co.,** 24 Main St., Sandwich, Ill.

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FOR NAMES OF FARMERS

The Farm Magazine Co. wants names of farmers likely to be interested in their big, handsomely illustrated farm paper. For 5 names they will allow our readers 25c and a stereoscopic outfit. The subscription price is 50c. Send 5 names and addresses of farmers and 25c. The publishers will enter you as a subscriber fully paid for 1 year. They will mail you FREE a boy's and girl's stereoscope and 50 views. Address: FARM MAGAZINE CO., BOX 307 OMAHA, NEB.

## ANCHOR FIRE INSURANCE CO.

BEST terms for farmers ever offered. Capital stock \$100,000.00. Address, J. S. Clark, president, Des Moines, Iowa.

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## THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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PUBLISHED EVERY THURSDAY.

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Address all communications and business letters to

**THE HOMESTEAD COMPANY,**  
Des Moines, Iowa.

## SIZE OF EARS AND YIELD OF CORN CROP.

The following communication has been received from a subscriber, Mr. R. O. Converse, of Marion county, Iowa:

I notice that in one department of your paper you state that there are 3,555 hills of corn on an acre that is checked three feet six inches. According to my calculation there are only 3,240 hills. Someone stated not long ago that two ears to the hill would make 100 bushels per acre, but he did not say how big the ears should be to yield that amount. On an average, it takes about 100 ears to make a bushel of corn. Now, two of these to each hill will only give you a yield of sixty-five bushels per acre. If there are three ears to each hill it will take about 125 ears to make a bushel, on an average, and this would only be seventy-seven and two-thirds bushels per acre.

I change my land from corn to clover about every third year and plant just three kernels to each hill, and one year with another, wet and dry, my average is about sixty bushels per acre. Now, if you can tell me where the yield can be increased I will greatly appreciate it and I know that many of your readers will be just as much interested in what you have to say as I am.

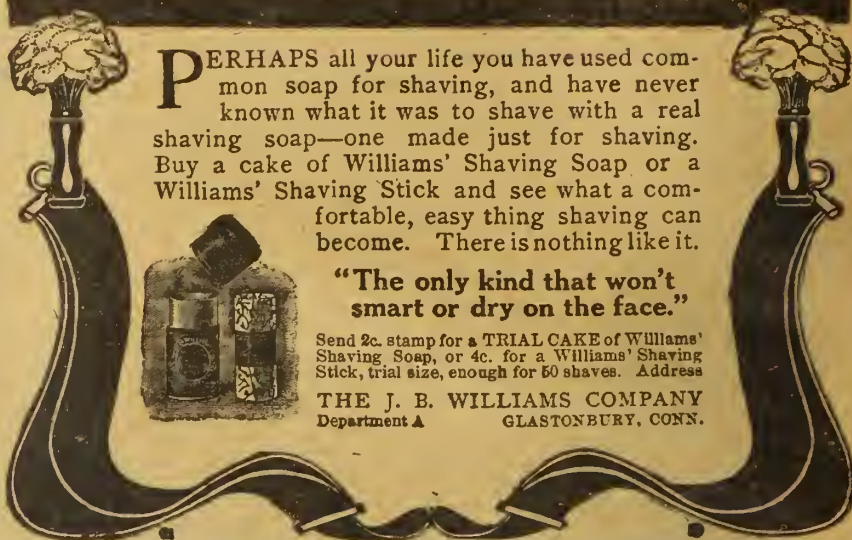
As an actual fact there are 3,555 hills of corn on an acre that is planted three feet six inches each way. If 100 ears make a bushel, each ear in this case will average .7 of a pound. One ear per hill of this weight would mean thirty-five and one-half bushels per acre; two, seventy-one bushels, and three, 106 1/2 bushels. Of course when it is increased to three kernels per hill the average of the ears will not be quite as large as in the case of two, and consequently the ratio hardly increases in the proportion given.

Now, if we were called upon to state just why the yield is not larger under circumstances as given by Mr. Converse, when the land is clovered every three years and the seed is good, we would say, in the first place, that there is no doubt some reduction due to insects, to part of the crop being torn out by the cultivator, and, possibly, a slight reduction due to an occasional poor ear of corn the seed of which was planted. Of course there is something in variety, and it might be quite possible to produce only a yield of sixty bushels per acre with certain varieties, while under the same conditions other varieties might yield seventy-five or even eighty bushels per acre. Our experiment stations have found that there is at least this much difference in the yielding ability of varieties of corn.

We know of instances in 1906 where there was a difference of twenty-five bushels per acre in favor of improved varieties as compared with the common kinds, and the stand was practically the same in each case, as the seed was all tested. Of course the highest yielding field produced ears that were slightly larger. A difference of an ounce and three-quarters to each ear would make this difference of twenty-five bushels per acre in the yield.

Then again, we often fall down in the matter of cultivation. It may be that there is an excellent prospect for a ninety or even 100 bushel crop, and yet when we come to harvest it we only have sixty or seventy bushels. This difference might easily be made by plowing too deep or too close to the corn when laying it by. Where a whole field or the corn on a whole farm is laid by with the same implement it is a little difficult to get at an error of this kind, though it may partly account for the difference

## Williams' Shaving Stick

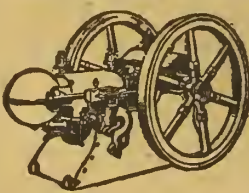


PERHAPS all your life you have used common soap for shaving, and have never known what it was to shave with a real shaving soap—one made just for shaving. Buy a cake of Williams' Shaving Soap or a Williams' Shaving Stick and see what a comfortable, easy thing shaving can become. There is nothing like it.

"The only kind that won't smart or dry on the face."

Send 2c. stamp for a TRIAL CAKE of Williams' Shaving Soap, or 4c. for a Williams' Shaving Stick, trial size, enough for 50 shaves. Address

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between what the crop appeared to yield and what it actually produced.

## Increasing Water Movement.

To the Editor of The Homestead:

I will give you my plan of increasing the working capacity of my tile drain. I extend the upper end out to a fence when practical and to the last tile laid I add an elbow sewer the same size as the tile, and to the upper end of this I add enough more to extend above the surface of the ground. This gives it air and causes it to draw faster when it is running full, or nearly so. By having this vent under or near a fence it is out of the way of stock and farming tools.

Another thing to do is to go to the low places in your field directly over the tile, dig to the tile and uncover three or four joints and fill in over the tile with old hay or trash of any kind—cobs are good—and leave it this way through the winter and spring, providing there is no stock to get in it. This will also let the water in much faster. Before farming begins these holes may be filled with dirt, leaving the trash in.

Still another good trick might be mentioned. If you have a natural surface drain underlaid with tile and wish to prevent surface washing, dig down to your tile (where it passes under a fence is the best place) and take out one section of tile and pick a hole in it as large as necessary and replace it with the hole upwards. Then take another section with the same diameter as the hole you made and fit it over the hole as close as possible and cement around it to prevent dirt washing in. On top of this section set another, and so on until your last one extends a few inches above the surface. Fill dirt in carefully, taking care that you do not disturb your stand-pipe. Just below or near this inlet make a bank or dam across the drain so as to back the overflowing surface water up enough to flow into this sink or inlet.

A sink of this kind near a large outlet is very valuable in preventing the washing around the "header" or abutment. These sinks should be made as large as practicable. They can be screened or grated if necessary.

Sangamon county, Ill. C. F. Spicer.

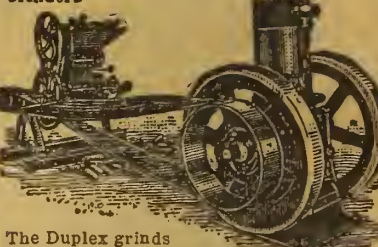
## A Trip to Los Angeles.

The trip to Southern California has come to be regarded as a regular part of the education of the well-to-do farmer, merchant and professional man; and as all good Americans are loyal husbands, their wives are always included when the plans are laid.

To such as are contemplating taking this delightful and interesting journey, a neat volume entitled "Westward the Course of Empire," published by G. P.

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The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

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## PATENTS

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Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

**MAKE** your own fence posts. Write for prices of the Smith Cement Post Machine. Address, Dept. E, W. Smith Grubber Co., La Crosse, Wis.

Putnam's Sons, New York, will prove an invaluable guide and mentor.

The work is by Montgomery Schuyler and is in part a reprint of the correspondence of that writer sent to the New York Times while actually taking the trip. It is breezily written and illustrated with handsome half-tone pictures. The book is dedicated "to Theodore Roosevelt, the typical American of Our Time, who is equally at home in all parts of Our Country."

The trip was taken on the famous "Los Angeles Limited" of the Union Pacific railway, Mr. Schuyler being one of a party of prominent journalists invited to enjoy the hospitalities of the road on the occasion of the first trip made by this justly celebrated train.



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## TRESPASS—DAMAGES.

A Subscriber, Odin, Ill.—A and B own adjoining pasture fields. B allowed his part of the partition fence to get out of repair. A notified him of the fact and afterwards A's stock got through the bad fence into B's pasture, and then the stock of both broke into adjoining land owned by C and did damage. Who is liable for the damage to C?

Answer.—Both A and B are liable to C if his fence was a lawful fence.

## TAXATION OF TELEPHONE PROPERTY.

A Subscriber, North English, Iowa.—We have a mutual telephone company here. Does the law require the stock holders to pay taxes on it?

Answer.—The company must, before the first day of May in each year, furnish to the executive council of Iowa, a statement verified by its president or secretary, showing with great particularity of detail, all about the company, its line, operation, receipts, expenses, capital stock, property, value, etc., as provided in section 1328 of the Code of Iowa, which see. The executive council then assesses the property for taxation upon such statement and other information which it may have. The law provides that owners of capital stock of a telephone company, shall not be assessed for taxation.

## PARTITION FENCE—REPAIRS—FIXTURES.

A Subscriber, Solon, Iowa.—(1) A owns sixty-eight acres of land and C owns the land adjoining on the south. There is no partition fence between these lands. A rented his land to B. Who should make the partition fence? (2) Can B compel A and C to put up the partition fence? There was nothing said about fences when A rented the land to B. (3) Can B compel A to keep in repair the fence between the land and the public road? (4) A sold his farm to C and is going to sell his personal property at public sale. Can he sell the rope and hay fork out of the barn, and the water tanks and feed grinder?

Answer.—(1) A and C in equal shares. (2) He cannot. He rented the land as it was, without having any agreement or promise on the part of A to make a fence. He could have required this or refused to rent the land, but he did not. A landlord is not bound to fence land for

a tenant unless he agrees to do so. Either A or C can compel the other to contribute to the construction of a fence, but B cannot without an agreement to that effect. (3) He cannot. (4) Unless the articles you mention are permanently attached to the place, they are merely personal property and may be sold at the public sale.

## HORSES—TAXATION.

A Subscriber, Kellogg, Iowa.—What is the law concerning the taxation of horses? At what age are horses exempt from taxation.

Answer.—Horses, that is, colts under the age of one year, are exempt from taxation. A team of horses belonging to a teamster or drayman, who uses it in the making of a living, is exempt from taxation. All other horses are subject to taxation under the laws of Iowa.

## A RUINED SKIRT.

A Subscriber's Wife, Fairfax, Mo.—A dressmaker who is supposed to be first class, made two dress skirts for me, I furnishing the material. She charged \$5 for making one and as to that one I have no objection to her work. The material of the other cost me \$6.25. She was to make it for \$2.50 and she cut and made it different from what I ordered, and in such an unskillful manner that it does not fit at all, and cannot be made over to fit me. I can prove by several persons to whom I showed the garment, that it is ruined, and the material spoiled by reason of the way in which it was made. (1) Can the dressmaker recover pay for making this skirt? (2) Can I lawfully refuse to pay her the \$5 for making the first-named skirt on account of spoiling the last one?

Answer.—(1) She cannot recover anything by law. (2) You can set off the price of the spoiled material against the dressmakers claim for the first skirt, and the law will sustain you. But why go to law about such a little matter? It would cost you more than both dresses are worth.

## DIVORCE—DESCENT—KANSAS.

A Reader, Prairie View, Kan.—(1) A husband and wife have lived together one year. The husband has no land. Suppose they should be divorced, would the wife be entitled by law to half the husband's property, or could she sue him for wages? (2) If a husband and wife are living together and the wife dies, who is entitled to her property under the laws of Kansas?

Answer.—(1) She would neither get half of the husband's property, nor could she recover wages from him. When husband and wife are divorced in Kansas, the court, after considering all the circumstances, determines the amount of money or property which the husband must turn over to the wife. This is called alimony, and the amount of it rests entirely in the sound discretion of the court that grants the divorce. (2) If the wife has no issue the husband

## What Does It Spell?

## AN ARGUMENT FOR QUALITY



WHEN you see the name of any machine, especially any farm implement, do you ever stop to think what this name spells to you? The Litchfield Spreader is being put before the American people as a machine of quality, and it is building up and sustaining this reputation. The aim of our company is to build this machine so thoroughly and with such care, all based on the most modern ideas and the latest inventive ingenuity, so that when you see the name Litchfield it will spell "quality."

This is why the Litchfield Spreader uses steel wheels. These wheels cost more to build than any ordinary wood wheels, and especially much more than the usual kind of combination-cast iron and wood, but they are stronger and they are better in every general way and are particularly adapted to spreader work.

It is because quality is aimed at rather than cheapness, that the endless, swinging section, hinged conveyor is used, in preference to the ordinary return conveyors, which can be built for half the money. This conveyor gives excellent working results, stands all the varying conditions, including cold weather, and does not find its way daily into the repair shop. Therefore, regardless of cost it is used on this modern spreader.

It is because of this quality that must be maintained in the Litchfield Spreader that the present style of two or three-horse center draft hitch is used. It costs much more to build this kind of a hitch because of the expensive malleable castings and the additional general outlay, but the results justify the expenditure. There has been such a universal criticism of the ordinary three-horse hitch (with two horses on one side of the pole) because of the side draft and other annoyances, that our style of adjustable hitch was designed and placed on the market. It gives absolute perfect draft with all horses working squarely in front of the machine. It must be seen to be appreciated.

Quality, and nothing else, has demanded the largest steel axles used on any spreader, the heaviest self-oiling journal bearings, and the elimination of little tinkering automatic triggers, etc., all with a view of increasing the strength and decreasing the annoyances and repairs. Kindly write us and read the next issue.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

is entitled to all her property; if the wife leaves issue—children or children's children—they get half her property, and her surviving husband gets the other half.

## CONSTRUCTION OF DEED.

▲ Subscriber, King City, Mo.—A husband and wife in this state deeded land to their children, making a reservation as to part of the land. The reservation clause in the deed is as follows: "We reserve full use and control as long as we live, of the above described lands." Can the wife hold the lands for her own use after the death of her husband in case he should die first?

Answer.—It is difficult to answer this question without an examination of the deed itself. The intention of the parents was, of course, to grant a fee simple title to the land to begin when both parents should die; in other words, a remainder after a life estate of both parents. If the deed was carefully drawn it could be made to effect this purpose and very likely the deed you mention does so.

## LEGAL EFFECT OF NOTE.

A Subscriber, Lockport, Iowa.—What does this mean? State fully: "Utica, Iowa, Sept. 17, 1906. One year after date I promised to pay John Doe or order fifty-three dollars and 35-100 with interest at seven per cent if not paid when due. Richard Roe."

Answer.—The matter above set forth appears to have been intended as a promissory note for \$53.35, given by Richard Roe to John Doe, payable one year after date and without interest if paid when due, but with interest at 7 per cent if not paid when due. Such is the legal effect of it. The usual words "for value received" are omitted, but this does not affect the validity of the note, neither does the word "promised" instead of promise change its legal effect. A court would decide it to be a good promissory note nevertheless.

## GOOD CASE FOR DAMAGES?

An Iowa Subscriber.—A sold a mare to B for \$125 and guaranteed her to be sound and all right, and never sick except with distemper early last spring, from which she had fully recovered. Some time after B bought the mare she became sick with spinal disease, from which she recovered in a few days, but on December 8, 1906, she was stricken with another attack of spinal disease and has not yet recovered. B has learned that the mare had the disease while A owned her, and was treated by a veterinarian. Can B recover damages from A for misrepresenting the condition of the mare?

Answer.—This correspondent knows how to ask a question—how to state the facts. He has made a clear-cut, definite statement of the case. It presents good grounds for a lawsuit by B against A

Active and retired farmers, and all persons owning, renting, dealing in real estate or property of any description to send for sample pages of the only work of the kind published in the world.

## "The Encyclopedia of Iowa Law."

"No work like this has ever been published in the English language." From The Homestead.

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"No fifty volumes, and I might safely say, not even a hundred volumes in my library could be selected that would be to me of so much practical use what the law is in Iowa on a given question, or advising others as to the law." Judge C. B. Bradshaw.

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for damages, in which B could hardly fail to recover judgment, for the difference between what the mare is actually worth and what she would have been worth, if she had been sound and all right as represented.

## Announcement.

The Originator of the Combination Oil Cure for Cancer and Tumors says that under his present management the chances for a cure are far better than ever before. Write for free book to Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

## Our SPECIAL TIME PRICE Is What WE Want to Send YOU NOW on a Detroit Tongueless Disc Harrow

YOU can't afford to overlook our Special Time Price. We are making right now on a Detroit Tongueless Disc. The Tongueless Disc is our new horse and man saver, and we had nearly 1463 orders more than we could fill last season. No body else can make or sell you a Detroit Tongueless Disc, as it is our patent. We sell only direct to the user. Our Special Price will surprise you. Let us tell you about it. Write today.

## Easiest on TEAM and DRIVER

Disc Harrowing had always been a horse killer until we made our Detroit Tongueless Disc.

This Light Truck Instead of Tongue is only one of the Great Special Features

Doing away with the tongue saves rubbing and side jamming on your horses—saves weight on their necks—gives perfect balance to the frame and makes the discs roll smoothly. Sharp turns and side hills are easy, as the team always pulls straight ahead on the Eveners. The Detroit Tongueless is altogether the lightest draft harrow made, and will save its cost in horseflesh alone, besides doing your work easier for you, better for you and quicker for you.

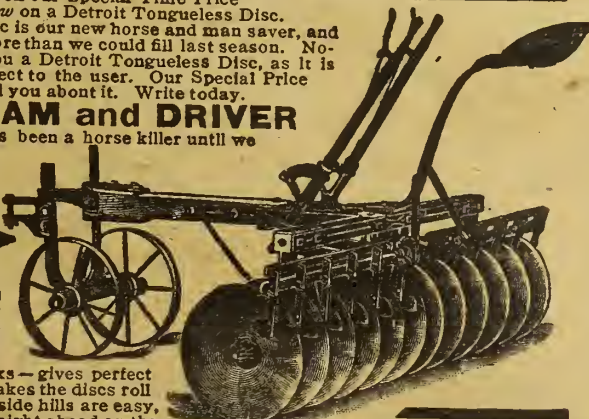
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We want you to order it on our 30-Day Field Test Trial. We want you to be satisfied. We want you to know that the Detroit Tongueless Disc is just exactly what we claim it is before you pay us one dollar

## We Pay Freight—Both Ways If Not As We Claim

We pay the freight direct to you anywhere. You don't send us a dollar until after thirty days, and then you can pay cash or settle on our liberal time terms, if you find that it does just what we say it will. If it doesn't, you can ship it back to us at our expense. A month's work in your fields will

AMERICAN HARROW CO., 142 HASTINGS ST. DETROIT, MICH.





## Organized Agricultural Meetings in Nebraska

It is doubtful if any state in the corn belt can show a superior organization to Nebraska, in so far as the state's agricultural affairs are concerned. Last week something like sixteen agricultural organizations held their annual meetings in Lincoln, a record being made in the matter of interest shown and in the number of those in attendance. Most of the programs were carried out at the agricultural college, the equipment of that institution being placed at the disposal of the agriculturists of the state. The officers of the college and station were utilized to the greatest possible extent by those in the various associations who were responsible for the program, and in each instance the best possible kind of service was rendered by these men.

The experiments along various lines now being conducted at the college and station proved to be of unusual interest to those in attendance, this being the case especially along live stock lines. The college now owns one of the greatest dairy herds in the United States and as nearly every man who attends these conventions is directly or indirectly interested in the milking of cows, it was but natural to find this one of the popular features of the institution during the week.

### State Board of Agriculture.

One of the principal items of business transacted by the Nebraska State Board of Agriculture was the passage of a resolution offered by Secretary Mellor, which directed the board of managers to present a bill to be introduced at the present session of legislature asking that an annual levy of one-eighth of a mill be made for the purpose of defraying expenses for erecting permanent buildings on the state fair grounds. The report of the treasurer showed that there is now on hand in the treasury something like \$37,000. President Youngers in his annual address emphasized the importance of this appropriation. He called attention to the need of having better transportation service to the fair grounds and expressed the belief that transportation companies would do something during the year to improve the situation. In his annual report Secretary Zeller called special attention to the good work that is being done by the agricultural college in behalf of better live stock, and especially in what has been accomplished by way of increasing the acreage of alfalfa in the state.

### Poultry Show.

The Nebraska Dairymen's Association twenty-second exhibition in the auditorium at Lincoln last week. There were between 2,500 and 3,000 birds on exhibition, these being composed of forty-five different varieties. The secretary of the association stated that it was the finest collection of birds that had ever been brought together in the central West. It was not only larger than ever before, but birds of finer quality were on exhibition.

### Horticultural Exhibit.

An unusually fine exhibit of fruit was made by the members of the state horticultural society. If there were those who in the past have doubted Nebraska's ability to produce fruit of superior quality that doubt was in a measure dispelled last week. The noted horticulturist, Mr. Stevens, alone exhibited 450 plates of apples and pears. The preparation of certain charts by Dr. Heald, illustrating the work of the codling moth, added much to the interest of the meeting of the horticulturists.

### Duroc Jersey Breeders.

One of the enthusiastic meetings held during the week was that of the Nebraska Duroc Jersey Association. It was well attended and the interest taken in carrying out the program demonstrated that the Duroc Jersey men of the state are, as they have been in the past, pulling together. Dean Burnett, of the college, in an address of welcome to the Duroc men, pointed out with much force

what had been accomplished by the Duroc association during the last five years, and the showing made by him was indeed complimentary, not only to this great breed, but to all men who are engaged in handling the Duroc. S. R. McKelvie presented an interesting paper on the problems of Duroc Jersey breeders.

### The Dairymen.

The Nebraska Dairymen's Association was well attended and an interesting program was carried out. One of the features of the meeting was the exhibition of the milking machine in use in the college barns. Of the 200 members of the association present few had ever witnessed the actual operation of a machine of this kind, and surprise could be heard expressed on every hand at the seemingly satisfactory manner in which the cows in the dairy herd were milked by mechanical means.

### Short-horn Meeting.

About 200 breeders were present on Friday at the annual meeting of the Nebraska Short-horn Breeders' Association. Prof. H. R. Smith welcomed the Short-horn men in an address packed with information concerning the use of Nebraska roughage. He called attention to the fact that while the hog had been the great money-maker in the past, the time had come when it was necessary to keep more cattle in order to consume the roughage grown in the state and in turn be able to utilize the fertility and the vegetable matter which it contained. By reference to experiments being conducted at the station he showed that as large gains were being obtained on a bunch of steers in feeding only fourteen pounds of corn a day, together with all the alfalfa hay and corn stover that they would eat up clean, as were made in another instance when steers were fed twenty-six pounds of corn and bran a day, but given only corn stover and no alfalfa. The largest gains being made on any lot ran a little over three pounds daily per steer, this being made on a full ration of corn, together with corn stover and alfalfa, half and half.

One of the interesting papers presented before the Short-horn convention was that of Dr. McConnell, representing C. Bischoff & Co., of New York. His subject was "Controlling Bovine Tuberculosis by Vaccination." He cited the results of experiments conducted in Germany and France, as well as in the United States, which indicated conclusively that the von Behring method of inoculation will absolutely prevent a bovine from contracting tuberculosis, even though exposed to tubercular cattle. His paper stirred up considerable discussion, and men on every hand expressed themselves as believing that in the near future this method of immunizing herds in the corn belt would be introduced generally.

### Other Meetings.

There were other important meetings held during the week, of which the mere giving of the program at this time would go beyond the space at our disposal. There was, for example, held an important meeting of the Nebraska Veterinary Medical Association, the swine breeders' association, the improved stock breeders' association, corn improvers' association, the farmers' institute conference, bee keepers' meeting and a meeting of the Nebraska Academy of Sciences.

As said in the beginning, these meetings on the whole were well attended and the programs that were prepared by the various committees and secretaries were carried out in detail with but few omissions. The effective organization of the diversified interests of agriculture on Nebraska is unquestionably doing much the plan that is being worked out in for the state.

### HOW VALUABLE IS THE MANURE SPREADER?

The manure spreader has been in use long enough now to determine whether it is an implement of permanent value or not. During the last ten years there have been thousands of spreaders sold throughout the central West and many of our readers have been purchasers.

For the benefit of those who have never had any experience with the spreader we propose that the title of this article be made the subject of dis-



### THE OLD RELIABLE ..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills.  
TWO HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

## From Factory to Farm NO MIDDLEMEN

14-in. Steel Beam Plow, Double Shin  
Best that money can build, only \$8.65

12-in. \$7.95	64-Tooth Lever Harrow \$7.95
16-in. \$9.25	96-Tooth Lever Harrow \$11.95
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Sulky Plow \$25	14-in. Sulky \$30.00
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1000 other articles. Big Catalog Free. Special Catalog of Bug-gies, Harness, Steel Ranges.	Best Sewing Machine \$4.00
	equal to any \$50 machine \$17.50
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	12-16 Disc Harrow only \$14.95

12-in. Hard Steel Castor Counter with Plow \$1.25 extra.  
Best Walking Cultivator, 4 shovel, \$12.00. Best Walking Cultivator, 4 shovel and Eagle Claws, \$15.95.  
Improved Riding Cultivator, 4 shovel \$19.00. Improved Riding Disc Cultivator, 6 Disc, \$24.95. Corn Planter, complete, 80 rods wire, \$27.25. Tell us what you want when you write for catalogue. Address  
**HAPCOOD PLOW CO., 117 Front St., ALTON, ILL.**  
(Only plow factory in the United States selling direct to farmers at wholesale prices.)

cussion by our readers who have had experience with the spreader.

Let those who take up this topic keep in mind the two principal claims that are made for the manure spreader, namely, the saving of labor and the saving of fertility which is effected by handling farmyard manure properly. Incidentally, the best time to haul manure comes up under this topic, because that has much to do with the preventing of waste. Also the best place to put the manure.

We know that articles of three or four hundred words from users of the manure spreader will be eagerly read by those who contemplate purchasing.

### Iowa Farmers at School in the Short Course.

Complete figures on the 1907 short course in stock and grain judging at the Iowa Agricultural College have proven it to be the most successful course yet held. Six hundred and twenty-four students were enrolled in the stock and grain judging work, seventy-nine in the dairy course, and thirty-two in the domestic science course, a total of 765 students. Nineteen of the above number combined horticulture with stock or grain judging, so that the figures as given above represent the total enrolment. Of the 654 men, 156 had attended previous courses and a number were present who had attended four or five different times. The constant change in stock and bringing in of new loads, representing the very highest types of pure-bred stock, make it possible for men to return here for several years for their two weeks' work with profit to themselves.

Monday afternoon, Tuesday and Wednesday forenoon were given up to sheep judging, and the interest was keener than ever before displayed, undoubtedly due to the high prices which have prevailed for sheep and wool in recent years. Iowa is far in the rear as a sheep producing state, and only the southeastern part of the state contains any considerable number of these animals. Other portions of the state are far behind, but there is every indication that there will be a marked increase in the number of sheep kept within the state within a few years, particularly as farmers learn how to deal with the parasitic diseases which at present interfere so seriously with profits.

Wednesday afternoon, Thursday, Friday and Saturday were given up to work on cattle, the first three days being devoted entirely to beef cattle, both market types and breeding classes being considered. Saturday was devoted entirely to dairy cattle. The large classes and keen interest manifested indicate an increasing interest in the dairy cow. The college has never been better equipped with cattle for class work than at the present time, as the grand champion steer of the recent International and a number of younger steers that are being carried on for class work next year formed the very best of types. Mr. P. J. Donohoe, of Holbrook, Iowa, furnished two bulls and five females from his show herd of Aberdeen Angus cattle. These furnished excellent types of breeding beef cattle, and the work on these classes was greatly appreciated by the hundreds of

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farmers assembled. Monday, January 7th, was given up to a consideration of the carcasses of the animals that had been slaughtered on the preceding Saturday. The veterinarian, John Gosling, of Kansas City, who, more than any other person, was responsible for these valuable carcass demonstrations, was present and explained the value of the various carcass cuts in his usual happy manner. He was assisted in this work by Mr. Louis Young, an expert cutter from Chicago.

Tuesday morning witnessed the beginning of the horse judging, when a lecture on conformation and soundness was given by Dr. McNeil, of the veterinary college, and for the two days following the classes gave their entire time to the consideration of market types of draft and heavy harness horses, while the advanced class took up the study of the four draft breeds and of the breeds that furnish our other market types of horses. A car load of excellent Percheron and French Coach stallions from the stables of McLaughlin Brothers furnished class work in sires. Chicago was represented by a pair of high steppers from Ellsworth & McNair. The Shire gelding, Tom, exported to this country by King Edward VII., and the champion Clydesdale gelding at last spring's Highland Agricultural Society show, also came out in this shipment, and gave the students an opportunity to realize the extreme massiveness and weight desired in the highest type of draft horse.

The work on Thursday afternoon, Friday and Saturday was devoted entirely to swine, the market types of fat hogs being furnished by the college, and the bacon hogs from the herd of Mr. James Atkinson, of Des Moines, who supplied the college with the Yorkshire barrows.

The work of the animal husbandry department was most effectively supported by daily talks on practical live stock subjects by the members of the faculty of the veterinary college. Dr. McNeil's lectures were especially appreciated by all stockmen present, and his remarks on tuberculosis aroused all those who heard him to a realization of the great danger confronting every family that uses milk. Tuberculosis is undoubtedly the most serious danger to the herds of the state today, and its danger to humanity is being greatly minimized in the state. It is to be hoped that a law can be passed in the near future that will make possible inspection and condemnation of animals affected. Prevention is better than cure, and as the state has recently planned to build an expensive sanitarium for the care of tuberculosis patients, it should certainly take some steps to prevent the wholesale dissemination of the disease through the milk of infected animals.

The enthusiasm shown by the short course students only serves to fix the college more firmly in the affections of the people of the state, and there is no question but that the one week short courses held in different districts of the state will be greatly augmented in number within the next two years.

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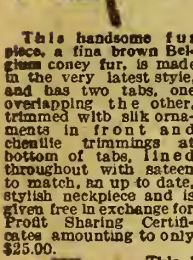
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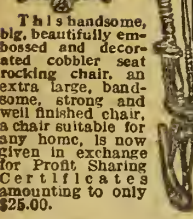
This rich, big, gold finished metal stand or parlor table, with a handsome, rich, onyxized top, a beautiful stand, 30 inches high, top 15x15 inches, is one of the richest gold finished metal onyxized top stands made, will be sent free to any customer of ours in exchange for Profit Sharing Certificates amounting to \$25.00.



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This handsome new style ladies' mackintosh or raincoat will be furnished free in exchange for Profit Sharing Certificates amounting to only \$25.00. This is a very handsome garment, made from an extra quality Quaker gray Berkley cloth. The inside of the coat is a light weight brown cloth. It is beautifully finished throughout; a handsome, stylish garment. Comes in size 32 to 44 bust measure, length 54 to 58 inches, is really an exceptional value and we give it free in exchange for Profit Sharing Certificates amounting to only \$25.00.

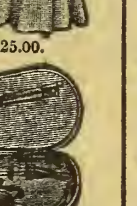


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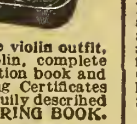
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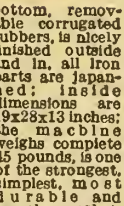
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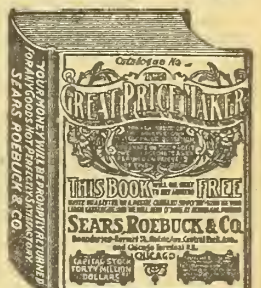
of valuable articles, many of which were heretofore furnished at \$50.00 and upward in certificates, which we now give to our customers in exchange for Profit Sharing Certificates amounting to only \$25.00. Many more are offered in our big, free Profit Sharing Book, still more valuable articles, at \$30.00, \$40.00 and upward; rich, valuable parlor, bedroom, dining room and other furniture, a vast variety of merchandise now given in exchange for a surprisingly small amount in Profit Sharing Certificates.

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## SEARS, ROEBUCK & CO., CHICAGO, ILL.

### HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

The problem of making a good feeding floor for the hogs at a reasonable cost is one that confronts many farmers. Victor Wiley, Moultrie county, Ill., has kindly favored us with his plan, which we herewith submit to our readers. The feeding floor proper is of plank



resting on joists which are supported by brick pillars at the corners and as often between as necessary. Floor is about two feet from ground and if it cannot be built in a slope, so as to furnish an approach to two sides, then one is made either of earth or lumber. At one end of feeding floor is a trap door (D), through which the cobs are shoveled onto a rough floor beneath and beside a brick furnace or fireplace. This fireplace extends the full length of the tank above it, which in this case is eight feet long, two feet wide and eight inches deep. This tank is probably covered over partly in cold weather and the flue or smoke pipe is protected by a frame from being displaced by the hogs at feeding time. The plan is to allow the cobs to dry one day and then burn them. The tank is protected on the sides and ends by a two-inch plank and the whole feeding floor may be fenced in to prevent animals and feed from falling off. Mr. Wiley states that when

once the brick is warm and a live bed of coals is established the water will be kept warm night and day. Possibly some may not wish to go to as much expense as would be required to duplicate this platform, in which case its construction might be much simplified. Instead of brick pillars, wooden blocks or logs cut the right length and set on end would do very well. Two sides of the platform could be made to extend into a slope, which would eliminate the need of an approach. The tank idea in itself could be patterned from in many cases.

Mr. J. P. P., of Maquoketa, Iowa, writes: "Enclosed please find a sketch of a tug holder which I find very handy. The object of this device is to hold up the tugs when not in use. Quite often the cast iron hooks on the harness which are made to hold the tugs become broken, while some harnesses have no tug hooks at all. Secure a good, strong piece of whang leather eight inches long and make a slit in each end. One end is then attached to the harness where the tug hooks usually are and the other end is left dangling. On this dangling end a stout wire is attached. Its shape should be such that the tugs can be easily hooked into it."

One of our California subscribers, Mr. F. R. Pollock, advises us that he has found a handy door or gate button in the following described device: Saw a semi-circle out of a six-inch board. This is to be used instead of the ordinary rectangular piece commonly made for a latch. The screw or bolt is placed within an inch of the straight side of the piece in the center. The advantage of this latch is that it always hangs in a position to hold a door closed.

In regard to the cement foundation for a corn crib which appeared in these columns lately, Mr. C. F. Spicer, of Sangamon county, Ill., writes as follows: "We would suggest that the top soil be taken off and replaced with cinders or

tamped clay. Place boards around the outside to form a mold for the concrete. Six-inch boards should be used and should extend nearly their whole width above the surface. Place the concrete and tamp it well, leaving it rounded in the center and at least two inches higher than at the sides. Before filling center place something through to form a gutter six inches wide and two or three inches deep. This may be made four inches deep by placing three pieces of 2x4's edgewise through the center. When concrete is set these are removed. Instead of using a sill as suggested, have a blacksmith cut dowel pins from five-cir. 1 rounded iron eight inches long. Place these around the crib floor four inches from the outer edge and as close together as you wish to place the studing. These are set in concrete, while the same is yet green and are placed four inches deep, leaving four inches to stand above surface of concrete to be inserted in the bottom of the studing, having bored holes in these pieces to fit the pins. After concrete has become thoroughly set lay one-inch slate three feet apart across the gutter and lay a six-inch board on these and you will have your corn well ventilated. More gutters may be made if necessary. The ends of these gutters should be screened to prevent animals from entering."

Those who work with "saw horses" will find in the accompanying illustration



an idea that will save many a tired back and considerable time as well. In-

stead of throwing the hammer or the saw on the ground every time one picks up another tool they are placed in the shallow box formed on top of the "horse" by nailing a good strip to each side of the 2x4 that makes the back of the saw horse. Most "horses" are made with a 2x4 for the back; however, a 2x6 would be preferable in case the "horse" was to be made as illustrated. It would then be of sufficient width to allow a saw to lie flat, as well as holding nails and other tools.

### SORES ON HANDS. Suffered for a Long Time Without Relief—Doctor Was Afraid to Touch Them—Cured by Cuticura.

"For a long time I suffered with sores on the hands which were itching, painful, and disagreeable. I had three doctors and derived no benefit from any of them. One doctor said he was afraid to touch my hands, so you must know how bad they were; another said I never could be cured; and the third said the sores were caused by the dipping of my hands in water in the dye house where I work. I saw in the papers about the wonderful cures of the Cuticura Remedies and procured some of the Cuticura Soap and Cuticura Ointment. In three days after the application of the Cuticura Ointment my hands began to peel and were better. The soreness disappeared, and they are now smooth and clean, and I am still working in the dye-house. Mrs. A. E. Maurer, 2340 State St., Chicago, Ill., July 1, 1905."

We are publishing in this issue on page 5 the latest of the Litchfield Spreader series. If we have any readers who are land owners that are not following these, whether they own a Manure Spreader or not, we can assure them that they are missing valuable information on this timely and modern topic.



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NEWTON'S Heave, Cough, Dis-temper and Indigestion Cure. A veterinary specific for wind, throat and stomach troubles. Strongly recommended. \$1.00 per can, of dealers, or Exp. prepaid. The Newton Remedy Co., Toledo, Ohio.

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When writing please mention this paper.

## VETERINARY MATTERS.

**PROFESSIONAL** Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### WARTS.

I have two yearling mules that have what I think are blood warts. One has a red bunch about the size of a hickory nut which looks as though it is scabbed over part of the time and part of the time it is blood color. It is about half way between the fetlock and hoof. The other one is on the stifle joint and is about as big around as a dollar and flat. Part of the time it is red and part of the time there is a scab on it. They came on some time during the summer. I have not tried to doctor them yet. Please tell me what to do for them.

The wart on the foreleg may be easily and safely removed by operation, but if you cannot have this done saturate the part once daily with glacial acetic acid applied drop by drop. The wart on the stifle is in such a dangerous position that you had better let it alone unless you can have it attended to by a qualified veterinarian.

#### ABSCCESS.

I should like to know what is the matter with my mare and what to do for her. She is a bay, thirteen years old. The trouble began by mare getting stiff and unable to roll or shake a fly off, and she was this way for about a month. Then for a week or two she seemed to be all right. Her breast then began to swell considerably, swelling extending one or more feet back of front legs, and stayed this way for four weeks, when a lump formed on breast the size of a fist. At this state I applied coal oil and then liniment. It came to a sharp head and a little of the hair came off of point. Then I opened it by cutting across with a sharp knife. It discharged a great deal of yellow matter, rather thick and has been running freely ever since, and now the swelling has mostly gone. Mare seems to be in good health, looks well and eats well and her hair looks all right.

Open the abscess freely and after syringing it out, pack it full of oakum saturated in a mixture of equal parts turpentine and raw linseed oil. Renew the packing once daily. The abscess may have followed an attack of influenza or strangles.

#### QUITTOR.

In September I had a gray mare get cut on a barb-wire fence. The injury was a mere scratch on the fetlock, on her front foot. I applied antiseptics, but it commenced to swell. The veterinarian pronounced it blood poison. We poulticed it until the swelling went down some, and it nearly all healed excepting two places where it still runs. She goes somewhat lame and it is swollen above the fetlock. The mare eats well. Please give me your advice as to what can be done.

We would advise you to remove hair from part, then inject into the discharging places once daily a little of a mixture of twenty drops of formaldehyde in half a pint of pure water and afterwards apply a flaxseed meal poultice made with a couple of drams of coal tar disinfectant in poultice water. When discharge ceases blister part with cerate of cantharides. Peroxid of hydrogen also would be a good medicine to inject if the other does not seem to do the work. It may be that foreign bodies or diseased tissues are present in which case they will have to be removed by operation before the fistula will close.

#### TUBERCULOSIS IN SWINE.

What are the symptoms of tuberculosis in hogs and what is the treatment for same?

Tuberculosis of hogs and other animals is incurable. There are few symptoms that would lead one to conclude with certainty that the disease was present in a hog and the disease may be there to a greater or less degree without causing appreciable symptoms; in other words the evidences of the disease may not be discovered until after

## Fistula and Poll Evil

Any person, however inexperienced, can readily cure either disease with

#### Fleming's

**Fistula and Poll Evil Cure**

—even bad old cases that skilled doctors have abandoned. Easy and simple, no cutting, just a little attention every fifth day—and your money refunded if it ever fails. Cures most cases within thirty days, leaving the horse sound and smooth. All particulars given in

#### Fleming's Vest-Pocket

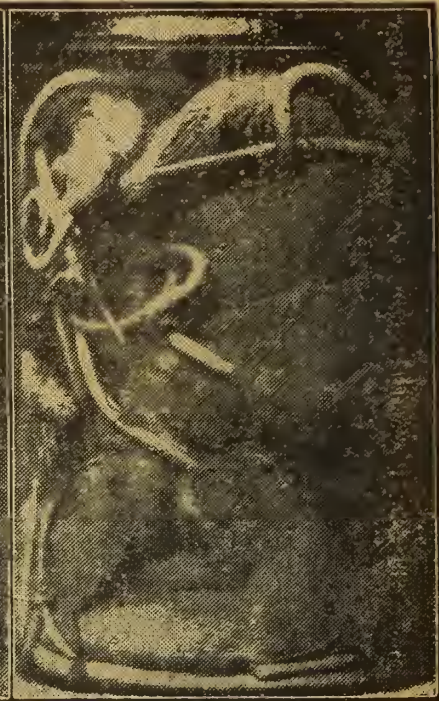
Veterinary Adviser  
Write us for a free copy. Ninety-six pages, covering more than a hundred veterinary subjects. Durable bound, indexed and illustrated.

FLEMING BROS., Chemists,  
310 Union Stock Yards, Chicago, Ill.

## Chief Cause of Hog Losses



This exposure shows stomach and intestines taken from a twenty-five pound shoat, full of intestinal worms.



This shows liver of same shoat, with worm in bile bladder. The duct through which worm has come was split with knife to show worm.

#### To Whom It May Concern:

During the month of August, 1906, my shoats got sick, and a number of them died. On August 27th, Mr. Deal, representing the Iowa Stock Food Company, called at my place and told me my hogs were dying on account of worm trouble. In order to make sure of this, we killed one pig. On examination we found the stomach and a portion of the small intestines full of intestinal worms. Some of the worms had worked their way through the bile duct and into the bile bladder and liver.

The jar that Mr. Deal carries with him contains the liver, stomach, intestines and worms taken from this shoat. If anyone doubts this and will write me, I will, if necessary, go before any notary public and make oath to the above fact.

I fed Iowa Worm Powder to the balance of my pigs. It cleaned them of worms, and I had no more losses. Iowa Worm Powder will accomplish all that is claimed for it. I never saw anything that would remove the worms so effectively. I also consider Iowa Stock Food the best appetizer and conditioner I ever fed. The feeding of these products has saved me my crop of pigs. Anyone can be convinced of their value by using them.

Very truly,  
G. L. POULSON.

## FREE!

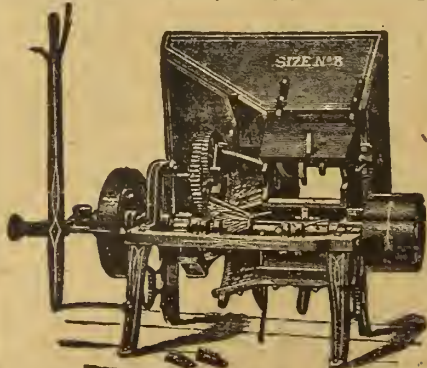
To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing. Address Dept. A.

## IOWA STOCK FOOD CO., Jefferson, Iowa.

the animal has been slaughtered. The reason for these facts as compared with other animals is that hogs are usually allowed to live but a few months and so the disease rarely runs to the extreme lengths as seen in progressive consumption of cattle. Still one may suspect the disease if hogs pine away, cough and are weak, but all of these symptoms may also be due to some other trouble than tuberculosis so that it may be said that one cannot confidently diagnose the disease in the live animal. After death the disease is indicated by the presence of little and large tubercles in lungs, glands, or studding lining of chest or abdominal cavity or intestines or even implicating the muscles.

#### OPEN FOR INSPECTION.

The accompanying illustration shows one of the most popular sizes of the well-known line of Bowsher Feed Grinding Mills thrown open for inspection. This illustrates the ease of access to all the grinding parts, as the mill can be opened up as shown in a few minutes' time by simply withdrawing



four pins. This is only one of the many features which make the Bowsher the handiest mill that can possibly be devised. It will also be noticed that the grinders in this mill are cone-shaped. It can readily be seen that this cone-shape presents a large area of grinding surface and still does the work close to the center of the shaft, thus effecting a great saving of power. There are many other features about these mills which work together to give the user the best possible returns from the power he has at command, and which the Bowsher Company will be glad to explain fully to any inquirer. These mills have been on the market for the past eighteen years, and are favorably known in all parts of the country. Indeed, much of the continued suc-



## A Whole Medicine Chest.

A bottle of DEAN'S KING CACTUS OIL in time of emergency saves many dollars.

## PROF. DEAN'S

## KING CACTUS OIL

Will heal the worst barbed wire cut without leaving a scar if used in time. We have thousands of testimonials that prove this fact. Every owner of live stock should keep it on hand, for it is a positive cure for cuts, sprains, bruises, old sores, swellings, open wounds, harness and saddle galls, etc.

**KING CACTUS OIL** is equally valuable for ailments of the human race. It is magnetized and soothing, pleasant to apply and heals a wound from the bottom up.

Sold by druggists in 15c., 50c. and \$1 bottles, \$3 and \$5 decorated cans. Sent prepaid if your druggist cannot supply you by **OLNEY & MODAID, Clinton, Iowa.**

cess and steady increase of sales this firm have enjoyed is due to the fact that each mill sent out is a recommendation of their line, and a positive proof of the honest manner in which these machines are built and the superior principle of construction which makes their performance so highly satisfactory. Free, illustrated catalog, showing all the different sizes of these "combination" mills, ranging from two to twenty five horse power, also their line of sweep power mills can be secured by addressing the E. N. P. Bowsher Company, South Bend, Ind.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

ROCKY CREST FARM is offering choice Barred Rocks, both cockerel and pullet bred lines, with score cards by Judge McClave. Prices reasonable. These birds line bred for years. At Rochelle, Ill., in strong competition, won four firsts and tied for fifth first. Eggs for sale in season. Write for prices. Member American Plymouth Rock Club. Will D. Quick, Ashton, Ill.

EVERGREEN Lawn Farm, M. Hummel, prop., Monroe, Iowa, breeder of heavy-boned Barred Plymouth Rocks for 22 years, has for sale 450 birds sired by high-scoring Iowa State Fair and Jasper County Fair first prize winners. We won nine first prizes at the Jasper County Fair in 1905. Nothing but first-class stock shipped.

BARRED Plymouth Rocks for sale. 300 cockerels, hens and pullets at a bargain. Large-boned, vigorous, farm raised, scored birds that win. I have developed heavy egg producing strains. Mrs. A. A. Berry, Box 125, Clarinda, Iowa.

RILEY'S Pure Barred Rocks, Hawkins-Thompson strain. Get eggs of us if you want good value. There's a reason. Ask why and get prices. Any number. Orders now or later. Mrs. J. Willis Riley, Box 64, Grand River, Iowa.

BARRED Plymouth Rocks, Hawkins, Thompson, Felch and Todd strains, cockerels, \$1.50 to \$2.00 each; hens and pullets \$9.00 a dozen, if taken soon, as we intend to leave. Lou Blattner & Co., Prairie City, Iowa.

WHITE ROCKS—Exclusively. Fishel strain. Range bred, healthy and vigorous. Scored, \$2.00 up. Unscored without disqualifications, \$1.50. G. H. Blake, Route 2, Oelwein, Iowa.

WHITE ROCKS, pure bred. Pullets, \$1.00, cockerels, \$2.00 during January. Buff Rocks, July hatch, cheap to close. All are good; culs all sold. A. H. Prater, Council Grove, Kansas.

WHITE Plymouth Rock pullets and cockerels and Silver Comb Buff Leghorn cockerels, prize winners. Free circular. D. W. Harberts, Marion, South Dakota.

FOR SALE—Barred Plymouth Rock cockerels, Mammoth Bronze turkeys, raised from high scoring stock. Eggs in season. Mrs. Eugene Scott, Lathrop, Mo.

BUFF ROCK cockerels; big strong range birds with solid color. Cash with first letter, \$1.50. Satisfaction guaranteed. Kelley Poultry Farm, Altoona, Iowa.

FOR SALE—White Plymouth Rocks. A large number of cockerels and pullets. Good size, pure white; prices reasonable. Mrs. B. Treloar, Ogden, Iowa.

BARRED ROCKS—Pullete, cockerels, scored 88½ to 93½. Large, vigorous. Write your wants. Prices low. Circular free. Eddie Anderson, Alta, Iowa.

75 BARRED Plymouth Rock cockerels for sale. Nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

## LANGSHANS.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Stalcup, Lorimor, Iowa.

## COCHINS.

CASEY'S Partridge Cochins won again at Iowa State show. Can sell you beautiful exhibition bird for \$10; good farm and market birds, \$1.00 to \$2.00. W. J. Casey, Knoxville, Iowa.

## ORPINGTONS.

ROSE COMB Buff Orpington cockerels for sale at reasonable prices. Eggs in season. Mrs. D. D. Lindsay, Aurelia, Iowa.

## TURKEYS.

MAMMOTH Bronze turkeys, sired by a 40-lb. tom. Walter Ames, Albion, Iowa.

## WANTED.

WANTED—A thoroughly practical farmer capable of taking charge of 50 acre stock and grain farm. Must thoroughly understand hog raising and cattle feeding. Address with references, Box 302, Marshalltown, Iowa.

WANTED—All cream producers to know that the Des Moines Creamery Company pays at all times top prices for cream. Write for proposition. Des Moines Creamery Co., Des Moines, Iowa.

WANTED AT ONCE—An experienced handy farm hand by the year. Must be strictly temperate. Good wages and a good home. W. A. Shelden, Paxton, N. D.

## The Week in Kansas.

To the Editor of The Homestead:

To those living outside of Kansas, the state must appear a collecting place for storms, if they believe the black headlines on the front pages of the daily newspapers. Again, according to the last Topeka daily paper, "A Blizzard is Raging in Kansas." The cold is said to be intense and stock is suffering. But that comes from a steam-heated room in the state capitol. Out here on the farm we do not know a blizzard is raging; we feel no intense cold and we know of no stock that is suffering.

It all happened by a storm of sleet falling, then a little snow, then more sleet, a little rain, and still sleet, rain and snow. This is the kind of weather we have been having ever since

## WYANDOTTES.

SILVER, Golden and Buff Wyandottes. 100 cockerels at \$2.00 each, scored birds, eggs. Iowa State Fair, Iowa State Poultry Show winners. Catalog. V. G. Warner, Bloomfield, Iowa.

30 WHITE WYANDOTTE cockerels. They are beauties. Write me about them. S. W. Harr, Riverside, Iowa.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

## LEGHORNS.

HOSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Davenport, Belmont, Iowa.

## MISCELLANEOUS POULTRY.

EGGS for hatching from 35 leading varieties of high-class poultry. Send 4c. for our book describing our plant, fowls, incubators, brooders and Holstein cattle. Larkin & Herzberg, Maple Grove Poultry Farm, Box 0, Mankato, Minn.

MAMMOTH White Holland turkeys, Imperial Pekin ducks and Barred Plymouth Rocks from prize-winners of extra heavy weight and high scoring. Fred Post, Moulton, Iowa.

SINGLE Comb Brown Leghorn cockerels, 75c. Toulouse geese, \$1.00; both first premium winners. Large-boned Barred Rock Cockerels, \$1.00. Pearl McKibbin, Barney, Iowa.

FOR SALE—Barred Plymouth Rocks, Rose Comb White Leghorns, Rose Comb Rhode Island Reds, cockerels and pullets. Write for prices. H. Fain, Emmetsburg, Iowa.

MAMMOTH Bronze turkeys; 50 from stock scoring 98 to 97. Barred Plymouth Rock cockerels all sold. Eggs in season. J. C. Watts, Berwick, Iowa.

PURE BRED Mammoth Bronze turkeys, Barred Rock and Light Brahma cockerels and hens for sale. Prices low. J. L. Goddard, Route 2, Waucoma, Ia.

BUFF Plymouth Rock cockerels, large size, good color, \$1.50 each; Mammoth Pekin ducks, \$1.00 each. Mrs. J. W. Martin, Mason City, Ill.

FINE Partridge Cochins, Golden Wyandottes for sale. Pullets, \$1.00 up; cockerels, \$1.50 up. E. L. Elliott, Oelwein, Iowa.

CHICKS—We ship thousands each season. Stamp for booklet and testimonials. "Hatchery," Box 5, Freeport, Mich.

WHITE Holland turkeys, White Wyandottes for sale. Write for prices. W. A. Marsb, Jr., Aledo, Ill.

## DOGS.

FERRET'S and Scotch Collie dogs for sale. H. B. Simpson, Albany, Ill.

## CATTLE.

FOR SALE—High class double standard Polled Durham bulls. Extra good quality, good colors of serviceable age. Also blacksmith wanted. Chas. Albright, Overbrook, Kan.

RED POLLED Cattle, Champion beef and milk producers, choice animals, either sex, priced right. Write for booklet and particulars. O. P. Russ, Ravenwood, Mo.

## HORSES.

THREE home-grown, pure bred Percheron stallions for sale; two 3 and one 2 year old, blacks, 1,500 to 1,800; heavy boned, extra quality. Priced right. Grant McCoy, Indianapolis, Iowa.

IF YOU HAVE a model horse, either roadster, draft, coach or carriage, register him as foundation stock for the great American breeds of horses. N. J. Harris, secretary, Des Moines.

PERCHERON Stallion for sale. Home bred, an extra good one, six years old, weighs 1,800 pounds. Address, Grant Spangler, Burdette, Iowa.

FOR SALE—One of the purest and best bred Morgan stallions on record. No guess work or said-to-be. P. O. Box 218, Moulton, Iowa.

## HOGS.

FOR SALE: Poland China Glits out of splendid aged sows. Good bone, good quarters, nice head and ears, good color. Sale in pig by "Sunlight," one of the best young boars in the country. H. M. Crumbliss, Ulysses, Neb.

30 POLAND CHINA and 20 Duroc Jersey bred glits for sale. Weight 250 to 275 lbs. Every one guaranteed. Joseph Bouska, R. 2, Calmar, Iowa.

J. H. BARNETT estate will sell seven young Percheron stallions at a sacrifice for the next two months. J. H. Dyke, Administrator, Indianapolis, Ia.

## MISCELLANEOUS.

STRAWBERRY PLANTS that grow. Best varieties; also raspberry, blackberry, gooseberry, currant and grape plants, asparagus roots and seed potatoes, in assortment. Due bill of 25c. free to each inquirer for my new 40-page catalog. C. E. Whitten, Box 24, Bridgman, Mich.

BIG 4 PILE CURE makes life worth living. After twenty years' research it is today the most honest and scientific preparation the world knows. Send today for free sample. Regular packages postpaid, 50c. Nelson Remedy Co., Adrian, Minn.

THOUGHTFUL women use Balm of Figs Remedies and cure themselves of all female diseases, in the privacy of their own home. Free booklet. Address, Mrs. John R. Hill, Corresponding Secretary, Des Moines, Ia. Lady managers wanted.

WE WILL send you our great farm paper absolutely free, one year, if you do us a small favor. Just send names and addresses of five good farmers and enclose 2-cent stamp. Address, Valley Farmer, 550 Jackson St., Topeka, Kan.

MEN with teams wanted to sell Seminole Indian Remedies and house supplies to farmers. Light work and profitable. For particulars address Seminole Indian Medicine Company, Boone, Iowa.

WHY NOT remove that corn? We have a sure cure. No pain, nothing like it. Cure or money refunded. Price 50c. Wright Corn Cure Co., Box 50, Minneapolis, Minn.

WE WANT your logs, picket bolts and saw timber. Can quote you best prices. Geo. D. Longshore, Eighth and Elm, Des Moines, Iowa.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

SCHOLARSHIP in a Kansas City Business College for sale cheap. Address at once, Thomas, Box 67, Des Moines, Iowa.

## PATENT ATTORNEYS.

A SNAP FOR INVENTORS—All your money back if patent is not allowed. Address Silas C. Sweet, Patent Lawyer, Box 111, Des Moines, Ia.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

## AGENTS WANTED.

AGENTS WANTED—Lady or gentleman agents to sell our adjustable window bracket for hanging window shades. Something new. Just patented May 15, 1906. Ladies try them. Sampled 0 cents. Address, Dime Bracket Co., Lavinia, Iowa.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

## REAL ESTATE.

A SNAP BARGAIN. One of the very best equipped and most fertile half section farms in famous Freeborn county, Minnesota, for \$62 an acre. Within twenty miles of Iowa's hundred dollar land. Write A. W. Trow, 944 Ashland Ave., St. Paul, Minn.

IMPROVED wheat farm, 1120 acres, 500 ready for crop. Fourteen horses, harness, 800 bushels wheat, 1,000 oats, cattle, machinery, hay, tools, etc., good buildings. W. A. Code, Box 29, Elgin, Manitoba, Canada.

FOR SALE, in Lyon county, Kan., 74 acres Neosho river bottom land, 90 miles from Kansas City, near two railroads, fenced in two lots, \$10 an acre. Milo J. Owen, owner, Barton, Vt.

ALL OR PART of an 11-section ranch south of Canyon, Texas; five miles from railroad. Good, smooth land and well improved for \$12.50 an acre. Address, Frank H. Corum, Liberty, Mo.

EASTERN Colorado farm land, \$6.00 to \$8.00 per acre. No irrigation required. Large crops of corn and small grains. Name this paper. F. C. Lougee, Council Bluffs, Iowa.

320 ACRES, 10 acres cleared, \$500 worth of buildings, drilled well, two springs, young orchard, \$1,800; would sell half. Address, J. C. Heins, Argyle, Mo.

FOR SALE or Trade—Our Short-horn herd bull, Banff's Lord 202930. Got by Lord Banff 150718 out of Glosterina 5th. H. Couklin & Son, Altamont, Ia.

KANSAS WHEAT LAND—100 quarter sections of smooth land, good soil, \$7.50 to \$12.50 per acre; also Iowa farms. Jenk E. Wright, Chariton, Iowa.

A SNAP in 200 acre, well improved, Buena Vista county farm, German settlement; 800 per acre, good terms. James M. Hoskins, Sioux Rapids, Ia.

160-ACRE well improved farm in Oklahoma, 85 acres in growing wheat. Will sell reasonable; one-third on time. T. A. Schnelle, Kiowa, Kan.

FOR SALE. A fine lot of farm bargains in east Kansas. Any size; write for free list and map. Iler & Mansfield, Garnett, Kansas.

## REAL ESTATE.

FOR SALE—Walnut Valley Stock Farm, near Osceola, Iowa. 360 acres, rich valley land, no overflow; northern border upland; scattering timber in pasture thickly set to blue grass. Large two story house on upland, tenant house, large barn, double cribs, cattle sheds, other improvements, all new. Unlimited supply of water forced to house, barn, lots with gasoline engine. Best feed lot in county, facing south, surrounded by natural grove. Rent corn netted owner \$12 per acre. Bargain, \$60 per acre. Also an 88-acre farm, same price. Address owner, E. T. Beede, trout I, Osceola, Iowa.

280 ACRES, 12 miles west of Beloit, Wis., improved, cheap buildings, mostly grass land, \$25 per acre. 340 acres, Worth county, Mo., 12 miles south Mt. Airy, Iowa; \$5,000 worth buildings, \$38 per acre. 80 acres, Harrison county, Iowa; no buildings, medium soil, \$30 per acre; one-fourth down, balance 5½%. No trades considered. Also for rent for term of years, 350 acres Decatur county, Iowa. Good buildings, 7 miles hog fence, one-half plow land, spring water. L. M. Mann, owner, Des Moines, Iowa.

160-ACRE farm, 40 miles west of Kansas City 9 miles southeast of Lawrence, Douglas County, Kan.; 1½ miles from railroad. Creamery and school near by. Four-room house, basement barn, corn crib and granary; good well, windmill, 40 acres blue grass, pasture, 50 acres tame grass, five acres timber, balance under cultivation. All improvements good. On rural route and telephone line, near State and Baker Universities. Address, B. Thomas, Eudora, Kan.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

220 ACRES rolling hazel brush and burr oak timber land, ten miles west of Winterset. Fenced, fair improvements and some cleared. Deep, black soil, good location on It. P. R. \$40 an acre. Thousands cash or good property, balance ten years, low interest, might divide. T. D. Peterman, owner, Winterset, Iowa.

320 ACRE FARM in Sherman County, Kansas 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

KANSAS FARM BARGAIN.—320 acres choice land, good house, barn, granary, cribs, good wells, windmill, orchard; 180 acres in cultivation, 20 acres alfalfa, balance pasture; all fenced, 135 acres growing wheat goes with sale. I have other good bargains. Call on or address, J. K. Bremyer, McPherson, Kan.

THIS will not appear again. For sale by owner, 120 acres, Bates County, Mo., 60 miles south of Kansas City; lays fine, all can be farmed. Price for 60 days, \$5,000, one-half cash, balance ten years at 6%. F. C. Little, Boone, Iowa.

FOR SALE—Retail dairy and farm; 160 acres, 2½ miles from Chariton, town of 4,000. Good improvements; equipped for business. Having been elected county treasurer, will sell on fair terms. Frank P. Wright, Chariton, Iowa.

240 ACRES top wheat, corn, alfalfa land for sale; 3½ miles from college town of Nickerson, direct to purchaser, less real estate dealer's commission. For description, price, Eliza A. Stroup, Nickerson, Kan.

560 ACRE ranch, well improved, in Coffey county. No better in eastern Kansas. At a bargain if taken soon. For descriptions and maps write, Lane & Kent, Burlington, Kansas.

A BIG SNAP—320 acres, Kay county, Oklahoma; all smooth land, 200 acres broken, balance grass land. Price less than \$35 per acre. Write Chas. E. Vogele, Newkirk, Oklahoma.

\$800.00, HALF CASH, buys 120 acres good level land, half under cultivation, balance timber; house, barn, fruit, well; station 6½ miles. Frank Pearce, Fredericktown, Mo.

I CAN SAVE you \$1.00 to \$5.00 per acre on land in Southwestern Kansas, Oklahoma and Texas. Write for particulars. C. R. Oard, 728 East Douglas, Wichita, Kan.

FOR SALE—Farms, Reno and adjoining counties, ranches well situated bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

KANSAS, Oklahoma and Texas lands. We are located in the finest wheat, corn and alfalfa country in the world. Write us. Southwest Land Co., Newton, Kansas.

SEE MY improved quarter, best vicinity state, rich soil, nice lay, markets, school, mail, telephone. Price and terms right. Reil Johnson, Long Island, Kansas.

BELLEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

IF YOU WANT a dairy, fruit or poultry farm in the Willamette valley, Oregon, do not wait. Write, F. B. Phillips, Cottage Grove, Oregon.

ter than 30 below zero, and three feet of snow on the ground. Henry Hatch. Coffey Co., Kan., Jan. 17, 1907.

Volume twenty-six of the American Berkshire Record is now ready for distribution. It contains pedigrees from 90001 to 95000, and also contains a list of transfers of animals sold whose pedigrees are recorded in previous volumes. It also contains the index of breeders, owners and animals, rules of entry, etc. This book is of course free to members, and to non-members the price is \$1.00. Address F. S. Springer, Secretary, Springfield, Ill.

PILES CURED IN 6 TO 14 DAYS. PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

is going to put them behind with their work in the spring. They will have hay to haul to market and grain to get, either to the feeders or shippers, during the early spring and summer months.

The man who has a good-sized bunch of thrifty shoats is the one who is getting the best price for his corn these days, and he is not being bothered with the problem of hauling it to market, either. In one day he can get his hogs to market, and when he sells them he has sold his corn, at a price much better than the present market affords, too.

This morning the weather is like it has been, and like it appears to continue to be for the rest of the week. The name, Sunny Kansas, is now a misnomer. The sun hasn't shone clear and bright for two weeks. It has been dark, cloudy and dismal; yet, for all this, bet-

last Monday evening, with the end not in sight. It has not been cold, but, on the other hand, unusually mild for the season of the year; no great amount of snow, sleet or rain has fallen, not as much as we should expect at this season of the year, and yet it is a blizzard, according to the ideas of the daily newspaper weather sharps. The people of other states are only pitying us when we need not their pity.

It is a good time to hunt rabbits, and that's about all this weather is good for. No work, except the chores, can be done, unless a person likes to work under difficulties and when disagreeable. As to getting any of the grain and hay to market, that is beyond a possibility. With a great many, who were depending upon working all winter the same as during the summer, this



## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## Silage for Dairy Cows.

To the Editor of The Homestead:

I never knew of a dairyman who did not regard the silo as a valuable and essential adjunct to his business. Milk is more cheaply made by good grass than in any other way, and next to grass comes silage because it furnishes the cheapest and most desirable substitute for grass. It is true that it costs considerable to make silage because of the necessary machinery the farmer has to purchase, but careful tests made at various experiment stations show quite conclusively that silage from corn is a more desirable feed for cows than the corn crop preserved and fed in various other ways, and this after allowing for the cost of harvesting and storing the crop after various methods.

There is nothing like silage to keep the dairy cow's appetite on edge throughout the long winter feeding period. It also keeps her system in good condition, which is a very important matter, and gives her a relish for her food. In fact, silage well made can often be fed in the summer to great advantage. The dairyman who proposes to maintain the milk flow of his herd will find either soiling crops or silage a necessity during the long, hot, dry summer, for even on the best managed farms the grass if utilized to best advantage will become dry and short from three to four months, depending on the season.

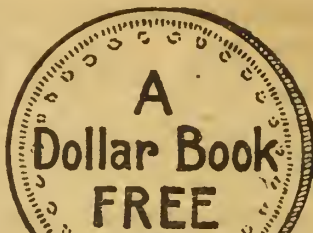
It would take very large barns to store the same quality of forage that one can put in a silo, say sixteen to twenty feet in diameter and twenty-five to thirty feet high, and the food put in

a properly constructed silo will come out with comparatively little loss and be in almost ideal condition for feed. Then when stored in a silo and the work largely done by machinery, as it is on a well managed farm, there is nothing to do, but throw it down day by day as needed.

On the other hand, the coarse rough fodders must be handled over two or three times, and there is of necessity a good deal of loss from exposure and handling, and the labor involved is much greater. It is true that the dairy cow cannot be maintained to best advantage on silage alone, but she needs only a moderate amount of some protein like red clover and alfalfa hay, and corn-and-cob meal finely ground with cottonseed meal to make an ideal ration for her maintenance; so the handling over of a large amount of roughness is not a necessity in the dairy and should be avoided as much as possible.

It is true that dry foods can be improved greatly by running through a cutting box, moistening with water and scattering meal over it and allowing the mass to stand ten to twelve hours before feeding. In this way very slight fermentation is set up and the palatability of the food greatly increased, but when you think of all the labor involved, how much farther ahead are you than if you use silage in the beginning? An experience of a life-time in handling and feeding dairy cows leads me to believe that the silo is an absolute necessity on the dairy farm. Silage can be made very cheaply on land well managed, from ten to fifteen tons of corn silage being obtained per acre. The heavy work in connection with the preservation of the crop in the form of silage is all done in a comparatively short time, and though it may call for a good deal of trouble and expense, the experience of thousands of dairymen shows clearly that they cannot disregard the silo in their daily dairy operations.

As regards the kind of silo to erect, I should recommend a good factory-made silo as being perhaps more satisfactory than any other. I consider the cost of filling the silo as less in proportion to the amount of feed stored than that of earing for the corn crop in any other way. The season for filling comes when the days are long and the weather fine, so that a maximum amount of labor can be accomplished. Shredding the fodder later in the season when the days are short and the weather changeable is a much more expensive way of caring for the corn crop, and unless the winter weather is exceptionally fine it is a



Mrs. J. Renken, Trenton, Ia., says "We cleared \$100.00 in six months off seven cows."

THE SHARPLES SEPARATOR CO.,  
TORONTO, CAN. WEST CHESTER, PA.

Chicago, Ill.

## TO FARMERS AND DAIRYMEN

It will pay every farmer or every farmer's wife to sit right down and write for Sharples "Business Dairying." This valuable book contains information that can be found in no other book, and will help any dairyman to make his business more profitable. It tells How to Feed, What to Feed, How to Care for Feed, What Foods Produce Greatest Amount of Milk, How to Care for the Dairy Cow in the way to get best results, and the whole book is practical. To get all the good out of your milk you should of course use

## THE SHARPLES TUBULAR CREAM SEPARATOR

It is not only guaranteed to more than pay for itself annually, but the ease with which you can skim, the low can, the self-oiling bearings, the simple Tubular bowl with only one little part inside to wash, the moderate price, are all points you should know about. Send today for the free "Business Dairying" and full information about the Sharples Tubular, giving number of cows you keep. Ask for booklet G. 121

great waste to feed fodder without shredding. It is almost impossible some seasons to get fodder shredded and stored away without dampness, which causes a great loss in feeding value. In filling the silo it is necessary to keep one man tramping all the time, and the middle should be kept at least a foot lower than the edges, so that in settling the silage will press against the walls and leave no space for air to get in, which is sure to result if less carefully packed.

Many farmers in various parts of the corn-belt are making use of the silo for

summer feeding by filling with freshly cut clover. This is done by means of a hay fork, pulley and rope, or run it through the ensilage cutter, and it is surely a much more economical way of keeping cattle in summer time than of depending on grass alone, especially during a season of protracted drouth. I have never used anything but corn in filling my silos. Some farmers recommend planting cow-peas with the corn to supply the protein element for the food, which I shall try this year. The question of a protein ration in connection with silage I consider the most important one aside from the silo itself. With bran hanging around \$20 a ton the year round, and other protein feeds proportionately high, it stands us in hand to at least make the attempt to provide a protein food that will be less expensive. To that end we can each experiment in a small way with cow-peas, soy beans and alfalfa.

In conclusion, let me say to every dairyman and stock raiser to build a silo corresponding in size to the size of your herd; don't put it off from year to year, but be sure to build it.

J. P. Fletcher.

## The Farm Milk Cow.

To the Editor of The Homestead:

The farm milk cow is perhaps the most important individual among all the farm stock. Upon her depends the supply of butter and milk which are the foundation of the farmer's table and which enter into the composition of nearly all other dishes. Milk is the national farm drink for children and to a large extent, that for the older members of the family.

The real worth of the family milk cow is seldom computed in dollars and cents. This is to be regretted, for if it were, it would usually have the effect of raising her vastly higher in the family's estimation. It ought surely, too, to carry with it an improvement in her general treatment as well as in respect for her.

Let us suppose that good old "Bossy" could talk for a time; what do we imagine she would say? Well, I imagine that she would first begin to complain about some things that she did not like. She would probably say that her services deserved better board and lodging than she was getting. She would ask for special quarters for herself, a good roomy box stall, instead of being knocked about among the other stock and milked at whatever place her master or mistress happened to find her. She would request more and better feed



Can you count these dots? Two pianos, big cash prizes Free.

In this issue will be found on page 15 an advertisement of Successful Farming, of Des Moines, Iowa, which is one of the best and most successful agricultural papers in the United States. They are making a remarkable offer to our readers of two pianos and some large cash prizes to those who count the dots correctly in the picture of a piano which appears in their advertisement. Full conditions are given and we would suggest that our readers should look this up and go after these prizes. We would be more than pleased if some of these big prizes should be won by readers of our paper, and, while it is not so easy to count these dots as it may seem from first glance, we see no reason why readers of our paper should not be the fortunate ones. Successful Farming is responsible and refers to every bank and business house in Des Moines and awarding of prizes will be wholly in the hands of disinterested judges, among whom is the treasurer of state of Iowa, a judge of the district court and a minister. It would seem this is an opportunity for somebody to get large prizes free. We publish above for the benefit of our readers an extra copy of the dot picture. Look up the offer on page 15 and get in your counts.



## You Want All The Cream

Therefore You Want the

## Iowa Dairy Separator

No other Separator made extracts every particle of cream. Some is always left, and this "some" is your loss.

The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.



## DAVIS LOW DOWN SEPARATOR

Goes direct from factory to you. No state agents or traveling salesmen to pay. Straight factory prices. And it's absolutely the

Easiest to clean, easiest running, simplest separator on earth. We guarantee that with a Davis your profits will increase \$10 per cow while cutting your labor in two.

Freight prepaid. Send for money saving catalog No. 110 right now and investigate.  
DAVIS CREAM SEPARATOR CO.  
54 L North Clinton St., Chicago, Illinois.



and ask how she should be expected to give a bucketful of milk unless she was given something to manufacture it out of; that she could not make it out of her own blood and bone nor out of the air or water. She would say that while her breakfast was good, there was not nearly enough of it; that instead of one gallon of bran she would like three, and five ears of corn instead of two. She would say that her preference was for well cured clover hay, that cow peas were her next choice and then bright fodder, and that any master who expected his milk cow to find anything fit to eat in a straw stack, did not deserve to get any milk or butter.

Another improvement she would mention would be a more plentiful supply of bedding. She decidedly objected to lying down on a wet and filthy bed and then being scolded at milking time for being so dirty; she appreciated a clean bed as much as anybody and if she were only able to handle the fork, she would help herself to a supply of straw. She would explain that the reason she kicked the hired man the other morning was because he had roughly seized a teat that was chapped and sore; that she had not meant to soil the milk but had used her foot involuntarily; that he was not a good milker anyhow, that he scolded her without cause and sometimes struck her, that he did not strip her thoroughly and that her milk was therefore decreasing; that her feed was irregular in quantity, and that her feed box and manger were not kept clean. Some and maybe all and more of such complaints many a good "Bossy" would make if she were given tongue to speak. How many of us would expect to hear an accusing voice from our own stable?

L. R. Johnson.

#### An Old-Fashioned Cheese Recipe.

To the Editor of The Homestead:

In our home we make a kind of cheese that is very little known, we find, in the homes of our neighbors. We learned the recipe from our grandmother. She used to make it for the harvest hands and they thought that there was nothing better for roughage than this cheese with good bread and butter. While it differs considerably from the ordinary American or cheddar cheese, in that it is much stronger, perhaps more like brick cheese, we like it very well. Those who have eaten of it and who are generally fond of cheese also think it very good. We will give the recipe as we make it, and hope that some of your

readers may try it and find the result to their liking.

We use either skim or whole milk, as is desired, and precipitate the curd by heat or cheese tablets. We separate the whey from the curd just as in making ordinary cottage cheese. Then, instead of using this curd for cottage cheese, we set it away in open pans or cheesecloth sacks and allow it to drain and ripen. This requires a moderately warm room, though in winter we find it ripens just the same, only it requires considerably longer time than in warm weather. Every day we stir the curd so that it ripens fairly uniform, and when it has developed a rather strong odor and a salty consistency it is then placed in a frying pan and melted together. The heat should be gentle, so as not to burn it, and as soon as it is well melted together it may be taken from the stove, poured into a platter or dish so that it will not be more than an inch deep and placed where it will cool.

In several hours it may be cut, and the cut surfaces will glisten. The flavor of this cheese is quite similar to that of the mild brick cheese, and we think it is just as good. The advantage of making cheese in this way is that it requires little work and the process is short, while we think the cheese just as healthful and digestible as any.

L. E. Troeger.

Having published the Litchfield serial story for some time, and knowing that this has a great many interested readers each week, we feel that some of our patrons who are not following these stories are perhaps missing a good deal. If you are not already reading these stories, begin with this issue which is published on page 5.

#### NEEDS NO INTRODUCTION.

In the last issue of this paper we published the picture of Dr. T. F. Williams, of Des Moines, Iowa, but neglected to give his name and address. However, the doctor needs no introduction to the readers of this paper, for his announcement has appeared from week to week for a number of years. We wish to call special attention to the claim made by Dr. Williams. The doctor claims to cure catarrh and its allied diseases, and we believe this to be an honest claim because it is substantiated by grateful testimonials of cured patients. If you are suffering from catarrh, write Dr. Williams at once for his free book and symptom blanks. To convince you that his methods are effective he offers to all who apply one month's treatment free. This is a genuine offer and one that has been thoroughly investigated by a representative of this paper. If the reader did not see the illustration referred to, it will be found with a large sized picture of the doctor in the last issue of this paper. For full particulars address Dr. T. F. Williams, 211-218 Crocker Bldg., Des Moines, Iowa.

## W H Y

### 98% OF THE WORLD'S CREAMERIES USE DE LAVAL CREAM SEPARATORS.

Today over 98 per cent of the world's creameries use DE LAVAL separators. This fact means much to every cow owner. Without the separator creamery operation would be almost impossible. No matter whether the creamery is buying whole milk or cream its success rests upon the centrifugal cream separator. Those who are buying whole milk skim it at the factory with DE LAVAL Power machines—those who are buying cream advise their patrons to purchase DE LAVAL Hand machines. The biggest and most successful creamery in the world is buying cream from more than 40,000 patrons to whom it has sold DE LAVAL Farm machines, after many years of experience with all kinds of separators. Had the DE LAVAL not been the best and by far the most profitable separator for anyone owning two or more cows, this great creamery would never have taken the responsibility of placing them with its patrons. And this is true in hundreds of other instances, for creameries can be found in every part of the world having from a few hundreds to many thousand DE LAVAL patrons. Wouldn't it pay you to find out why experienced creamerymen prefer the DE LAVAL to other separators? You may learn the reason by asking for a DE LAVAL catalog, or better still a DE LAVAL machine—to examine and try out at your own home free of all expense. Don't wait, but write us today.

### THE DE LAVAL SEPARATOR CO.

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## THE DAIRY QUEEN

THE CREAM SEPARATOR THAT SUITS ALL.

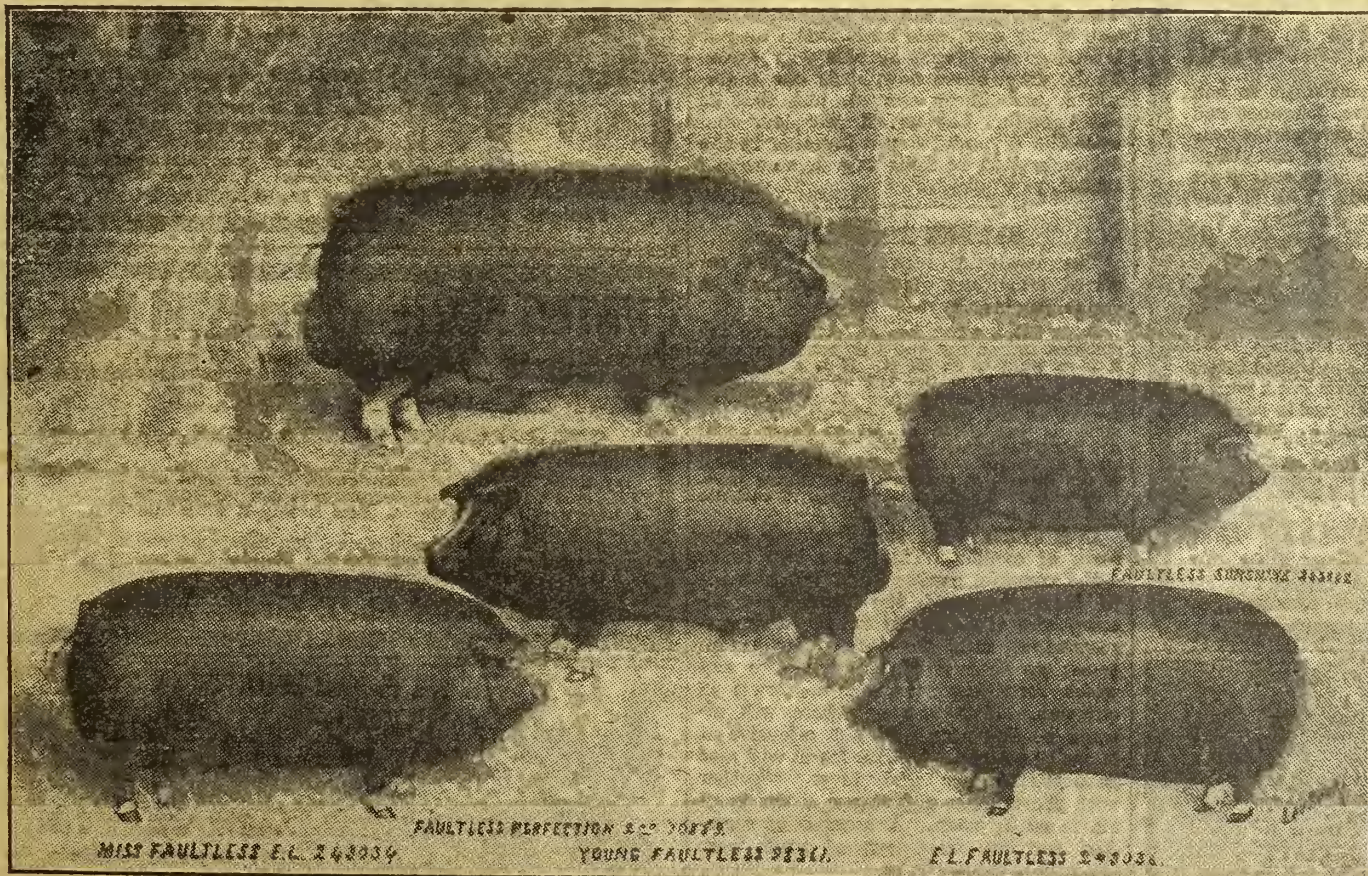
The Dairy Queen is as near perfection as can be reached in cream separators. It fills every requirement, its low and large supply can, its simple and easy bowl to clean, its light running and close skimming is just what you have been wanting. It never gets out of order, it's always ready to skim, and leaves the cream in perfect condition.

#### You Can Try It Before You Buy.

The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

Address, E. R. Bailey, Clarinda, Iowa, or  
DAIRY QUEEN MFG. CO., FLORA, IND.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THIS PAPER.



We present to our readers a good likeness of several of the good sires and dams whose produce is included in the public sale of Poland Chinas owned by Messrs. Bridgford & Nesbitt, of Alledo, Ill. The sale will be held on Thursday, February 7th. See field notes.







all drinking vessels which have been used by them, scalding with the utmost thoroughness. Disinfect the quarters where they have been burning all litter and droppings. A little turpentine in the drinking water is also good.

Another cure for canker comes highly recommended. The authority for it claims that in the course of twenty years breeding of poultry, it has never failed to cure. It is as follows: Six yolks of eggs, one pint good vinegar, one-fourth ounce turpentine. Put in a bottle and shake well. After it is thor-

oughly mixed, place it in a vessel of some kind in which the head of the fowl may be completely immersed. The head should be held in the liquid for just a moment, not long enough to strangle the fowl. One application each day for three or four days will effect a cure, according to this authority.

#### RHEUMATISM IN FOWLS.

One of our subscribers asks the following question:

-Having been a reader of your paper for years, I thought I would venture to inquire through your columns what is the trouble with my chickens, also give remedy. They become lame in one foot and soon are lame in both and are perfectly helpless. They linger along in this condition for some time, then die. If I shut them up and feed on soft feed for a time they recover somewhat, but never fully. I have a duck affected in the same way. They have a good appetite and will eat to the very last. They are fed principally on corn and have a large range. They have never been confined to the chicken house or yards and have a dry, comfortable roosting place. They have been troubled with lice just a little.

The symptoms described point strongly toward rheumatism. This disease is usually caused by cold and dampness. Even with dry quarters, a long spell of damp weather has been known to bring it on. Unsanitary conditions of any sort favor its development.

The remedies for rheumatism, like those for roup are legion. One quite practical is as follows: Affected birds should have frequent change of ration with plenty of green food. Begin treatment with twenty or thirty grains of Epsom salts. The following day add thirty or forty grains of baking powder to a quart of drinking water and give two or three grains of salicylic acid twice a day. Apply camphorated or carbolic ointment to the affected parts often. Birds seriously affected are better dead than alive.

Rheumatism sometimes arises from the fowls running in wet grass. When the legs and feet are affected, as in this case, relief will often come if bathed with very warm mustard water, then wiped dry, and anointed with witch-hazel ointment, lard, or sweet oil.

No remedy, however, will be wholly efficacious, unless the cause of the trouble is found and if possible, remedied. Rheumatism in fowls, as in the human race, is a baffling and uncertain disease. What helps in one case may fail in the next, and so it goes.

Commercial Poultry tells the story of a farmer who opened a ledger account for everything on the farm. There was a page to the poultry, a page to the cows, a page to the swine, a page to each to large and small fruits, a page to the vegetables, and so on. At the end of the year he was surprised to learn that the poultry had led all the rest. The other crops, in a number of instances, brought in more money, but there was more expense attached to them, and much more money invested; and for capital and labor invested, the fowls were in the lead. There are apt to be surprises in store for the careful record keeper.


"Out of 50 chickens that had the roup bad, some blind, we never lost one after using Walker's Roup Remedy." Mary Ann Orfield, Lamoni. For trial send 25c for 50c package. Walker Remedy Company, Lamoni, Iowa.

#### Common Sense in the Henney

The American hen is the greatest bird in the world. All the gold and silver mined in a year, added to the value of sheep and wool, doesn't equal the money worth of poultry products. Biddy produces in 365 days' time. That sounds big, but it's a big fact and can't be expressed in small figures. If it's hard to believe, take the same truth in another way. Think of a railway train 900 miles long, composed of 107,818 cars. Well! If all the eggs produced on Uncle Sam's farm in one year were packed in crates containing 360 eggs each, it would take just such a train to transport them all between any two points. Now, what about our hen! Nothing small in the poultry industry, is there? No, there is not, and if every man with a hen used Dr. Hess Poultry Pan-a-ce-a, giving a small portion every day in soft food, the business would be far more colossal than it is. Pan-a-ce-a is the key-note of success in poultry culture.

Some breeders, crusted with the barnacles of old traditions and prejudices, think hens and corn are the only two things necessary for making money out of eggs. Some, again, think there may be something in the "tonic idea," but lack sufficient faith to try it. And in the meantime, while these men are growing poorer, thousands of others, with a full knowledge of what hens require, are giving Poultry Pan-a-ce-a and coining money. Poultry Pan-a-ce-a is not a stimulant. It doesn't force the hen to a short period of large production, only to leave her exhausted and unproductive for a much longer time.

Poultry Pan-a-ce-a gets at the root of the trouble in another way. It makes the hen feel natural when her whole environment is contrary to nature. If at liberty to scratch and forage at will, she would find in Nature's



## The Klondike

### INCUBATORS AND BROODERS

ARE SOLD ON THIRTY DAYS TRIAL.

They do not require an expert to manage them. Chicken-raising is made a pleasant pastime when they are used. Ask your dealer about them. He may have them on his floor to show you. If not, write us. We will be glad to send catalogue and all information.

**KLONDIKE INCUBATOR Co. Des Moines, Ia. BOX**

#### BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c. **FRANK FOY, BOX D, DES MOINES, IOWA.**



**Hatch Chickens by Steam with the EXCELSIOR INCUBATOR OR WOODEN HEN**

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. **GEO. H. STAHL, Quincy, Ill.**

#### A Hundred Per Cent

Is no uncommon batch for

#### Petaluma Incubators

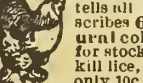
They are the oldest and most reliable machines on the market. Results are uniform and always high. Redwood and copper materials. Devices purely automatic and sure. Write us for free catalogue.

**PETALUMA INCUBATOR CO.,**

Box 2, Petaluma, Cal. Box 3, Indianapolis, Ind.



**FOR SALE:** Live deer, all ages, white awans, California quail, ferrets, Belgian hares, Jack rabbits, wild geese, brant, canary birds, goldfish, Homer pigeons, milk, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. **Deer Lake Park, Severy, Kan.**



**GREIDER'S FINE CATALOG 1907** tells all about pure-bred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases; kill lice, make money. This valuable book only 10c. **B. H. Greider, Rheims, Pa.**



**POULTRY PAYS** Our Book, "Poultry for Profit" showing 35 best paying varieties mailed for 10c. **Delavan Poultry Farm, F. E. R. Goets, Manager, Box 35, Delavan, Wis.**

lavish providing most of the things she needs to promote the healthful activity of every organ. But, being restricted in range, she needs Poultry Pan-a-ce-a to take the place of Nature's providing by making food available, and by strengthening and assisting the digestive process till the largest possible amount of nutrition which nature can use is wrung from the food eaten, and directed into proper channels for building healthy flesh or producing eggs. This statement of fact is not overdrawn—hens cannot lay when confined or at liberty, if forced beyond a certain point—unless a preparation of this kind is given.

The truth of all this is sufficiently evident in the number of deserted and abandoned "coops" one sees about the country, where people have literally killed the hen which laid the golden egg by requiring the impossible and unreasonable. Dr. Hess and Clark (who make Poultry Pan-a-ce-a) are so well assured of the real value of the compound, that they back it with their personal guarantee—no profit from using Pan-a-ce-a—no pay. If you try it and are disappointed, you get your money back, that is their offer.

Very likely your dealer has Dr. Hess Poultry Pan-a-ce-a; if not, a postal order will bring it. Thousands more are using it this year than ever before. Try it yourself—get in line for prosperity.

#### POINTERS.

—Mr. W. W. Vaughn, of Marion, Iowa, has twenty large-framed Buff Cochins cockerels which he is offering for sale in his advertisement which appears on this page of The Homestead.

—Mrs. T. W. Glass, of Sac City, Iowa, reports that she is sold out of Muscovy ducks. She wishes Homestead readers to watch for her advertisement in the spring offering eggs from this breed for sale.

—Mr. W. J. Dooley, of Keosauqua, Iowa, who has made a specialty of breeding Barred Plymouth Rocks for a number of years, has an advertisement offering cockerels for sale on this page of The Homestead.

—The advertisement of Mr. C. W. H. Beyer, of Grinnell, Iowa, offering White Wyandotte cockerels of the Fishel strain for sale, will be found on this page of this issue. He is also quoting eggs for sale.

—Mr. F. Bowman, of Eldora, Iowa, has an advertisement on this page of The Homestead. He writes: "I have a nice lot of Rose Comb Brown Leghorns for sale in lots from one to a dozen. Prices reasonable."

—In the advertisement of Mrs. D. C. Molsberry, of Plymouth, Iowa, that appeared in last week's issue of The Homestead, there was a slight mistake in regard to her forty-seven-pound Mammoth Bronze turkey. His score was given at 93%; it should have been 96%.

—Mrs. C. F. McLochlin, of Gray, Iowa, whose new advertisement appears on this page, writes that she has some nice, large

#### POULTRY.

### Barred P. Rocks

E. B. Thompson Strain.

LARGE, heavy boned birds for the farmer and fancier. Scored by Heimlich. Will sell at public sale, February 28th, Poland China bred sows and Shorthorn cattle. Farm joins Alta, Iowa. Telephone No. 87. Write for catalog.

**J. A. PENN, :-: ALTA, IA.**

Mike's S. C. Buff Orpington Ranch. Eggs from scored birds. Cook strain. Pen No. 1 scores from 92% to 94, 15 eggs \$2.00, 28 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. **M. S. Helland, Slater, Iowa.**

BARRED Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92% points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7½ to 11 pounds. Price \$1 to \$3. Write your wants to **M. A. Easthouse, Hartley, Iowa.**

#### SILVER SPANGLED HAMBURG.

FINEST of layers. Most beautiful variety known. Cockerels, hens and pullets for sale from my prize winners at the Cedar Rapids, West Liberty and Ottumwa shows. Also Mammoth Bronze turkeys. **J. B. McAllister, Palo, Iowa.**

BUFF Cochins Exclusively. 20 large framed, good boned, even colored, well feathered cockerels for sale at \$2.00 to \$5.00 each. Write or order. **W. W. Vaughn, Marion, Iowa.**

ROSE Comb Brown Leghorns, exclusively. Cockerels from high scoring stock \$1 each, 6 for \$5. Eggs \$3.50 per 100, \$6 per 200. **R. R. Stewart, Charles City, Iowa.**

S. C. BUFF Orpingtons, from stock scoring 93%, S. C. Williams strain. Prices reasonable. **Bob White Poultry Yards, Nettie Crane, Blencoe, Iowa.**

B. L. K. Cochins, S. L. Wyandottes, B. turkeys, sire 47 lbs score 96%; hens 97; 1st, 2d, c's; 1st, 2d, 3d pullets. **Albert Leashow, Mrs. D. C. Molsberry, Plymouth, Ia.**

MAMMOTH Bronze turkeys; first prize tom head of the flock. Hens weigh 18 to 24 lbs. **Golden Wyandottes, Geo. E. McGrew, Route 1, Selma, Ia.**

100 Barred Plymouth Rocks, scoring 89 to 91, bred for utility and fine points, large fine shape, prices right. **Mrs. Anna Dockey, Pilot Mound, Ia.**

FOR SALE—150 choice Barred Plymouth Rock cockerels and pullets. Some very fine M. B. turkeys. Eggs in season. **Mrs. Mary Pierce, Nevada, Iowa.**

FOR sale, fine, large Black Langshan and Silver Laced Wyandotte cockerels, scoring from 92 to 94%. Prices right. **Mrs. Wm. Barr, Kirkman, Ia.**

MAMMOTH W. H. turkeys, Imperial Pekin ducks and a few choice W. Wyandotte cks. Scored and unscoring stock. **Mrs. C. F. McLochlin, Gray, Ia.**

FOR sale, white Wyandotte cockerels and pullets from large, well bred stock. Write me for prices. **Mrs. A. H. Graham, R. F. D. No. 1, Alexis, Ill.**

SINGLE Comb Brown Leghorns, Barred Plymouth Rock cockerels and Pekin ducks. \$1 each or 6 for \$5. **Mrs. H. L. Jones, Montezuma, Iowa.**

200 Barred Plymouth Rocks, scoring 89 to 92, bred for laying and fine plumage, large and vigorous. \$1.00 to \$5.00. **C. G. Good, Ogden, Ia.**

FOR SALE, Buff Cochins, White Wyandottes, Cornish Indian Game and White Holland Turkey Toms. **Peter Geiger, Minden, Iowa.**

MAMMOTH BRONZE TURKEYS, heavy-boned, blocky birds from high-scoring stock. **C. A. Molsberry, Plymouth, Iowa.**

POSE Combed Brown Leghorn cockerels for sale, 6 for \$5.00, also eggs in season. Write for prices. **F. Bowman, Eldora, Iowa.**

FOR SALE—BARRED PLYMOUTH ROCK COCKERELS, \$1.00 and \$2.00 each. **W. J. Dooley, Keosauqua, Iowa.**

WHITE WYANDOTTE cockerels. Fishel strain for sale \$2.00, eggs \$2.00 for fifteen. **C. W. H. Beyer, Grinnell, Iowa.**

#### DOGS.

THOROUGHbred fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. **S. A. Smith, Keosauqua, Ia.**

White Holland toms left that weigh from twenty to twenty-four pounds. Also some large ducks and some choice White Wyandotte cockerels, both scored and unscoring, for sale. She reports her stock as scoring from 93 to 96 points.

—Mrs. Mary Pierce, Rural Route No. 5, Nevada, Iowa, breeder of Mammoth Bronze turkeys and Barred Plymouth Rock chickens, writes that she has only a few Mammoth Bronze turkeys left for sale. She has a forty-pound yearling tom that won first in the Ames Poultry Show, scoring 97, also two young toms and a very choice two-year-old hen, weight twenty-five pounds. Her Barred Plymouth Rock cockerels and pullets are fine, large, well-bred, vigorous birds. Write her early for prices, as she has 150 choice

## Let Me Quote You a Price on a CHATHAM Before You Buy an Incubator

It will take one penny for a postal, and a minute of your time, to write for Special Prices on 1907 Chatham Incubators and Brooders. No matter what kind of a machine you have in mind—no matter where you intend buying, or when—TODAY you should send me a postal and get my catalog and prices.

My book will post you on the best way to make money out of poultry—and my prices on Chatham Incubators and Brooders will show you how to start in the poultry business for a small amount of money.

Chatham Incubators are sold on 84 Days FREE

trial, freight prepaid, and are guaranteed 5 years. Chatham Incubators are the best possible to make. They are tested, and known to produce the largest percentage of strong, healthy chickens.

If you are most ready to buy a machine now, put it off for a day or two, until you can get my prices and catalog. Then decide.

We have warehouses in all the leading trade centers—where Chatham Incubators and Brooders are kept in stock—insuring prompt delivery.

I invite you to write for my prices and book. I can save you money on an incubator.

**HANSON CAMPBELL,** President Hanson Campbell Co., Ltd., 241 Western Ave., Detroit, Mich.

If you live west of the Mississippi River, address me Box 241, Topeka, Kan.

**\$11.75** Buys a 240 Egg Incubator. The surest and easiest hatcher made.

**The Famous IDEAL INCUBATOR**

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than 1¢? Let me show you the reason. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's Free.

**J. W. MILLER CO., Box 306, Freeport, Illa.**


## INCUBATORS 40 DAYS FREE TRIAL

The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

**GUARANTEED FOR 10 YEARS**

Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not the best, we will return it at our expense. Write for complete FREE catalog of Great Western incubators and brooders.

**GREAT WESTERN INCUBATOR CO.,** 914 Liberty St., Kansas City, Mo.



Write today for The Autobiography of a Hen and the Victor Book—the whole story from the chick in the egg to how to make hens lay. All about incubators for expert and beginner. Knowledge you ought to have if you are thinking of buying one. VICTOR machines are practical and well made, economical in operation and always produce the best results. Don't waste your time, eggs and oil on a poor machine. Let us tell you how to begin right. Our 40 years experience is at your service in these books. Let us send them to you and see. Write us for them today. **Geo. Ertel Co., Established 1867, Quincy, Ill.**

## Racine Incubator

The simple, sure, dependable kind. Used by thousands of successful poultrymen and women.

Our free Incubator Book tells about them—tells how to make poultry pay. 24 years experience. Don't buy until you read it. Warehouses: Buffalo, Kansas City, St. Paul, Address

**Racine Hatcher Co., Box 135, Racine, Wis.**



# PILES

## FISTULA--NO MONEY TILL CURED

A. C. Wurmser, Furniture Dealer, Kansas City, Mo. Writes February 20, 1902: "I am pleased to inform you that since your treatment I have been troubled no more with my old complaint, Piles. I take great pleasure in testifying to your successful treatment. I have recommended it to a great many of my friends and never fail to refer to you when I hear of anybody suffering. I know of no one at present requiring your treatment, but if I hear of anyone I will certainly refer them to you."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

**DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.**

## Cut Out and Send This!

**DRS. THORNTON & MINOR,**  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed..... Town..... State.....

cockerels to draw from. See advertisement on this page.

—Mr. C. A. Molsberry, of Plymouth, Iowa, can furnish Homestead readers with Mammoth Bronze heavy-boned turkeys. They are from high-scoring stock. His advertisement appears on page 13.

—Mr. Peter Geiger, of Minden, Iowa, is offering Buff Cocbin, White Wyandotte and Cornish Indian Game chickens and White Holland turkeys for sale in his advertisement on page 13 of The Homestead.

—Mr. R. R. Stewart, of Charles City, Iowa, breeds Rose Comb Brown Leghorns exclusively. He has cockerels for sale from high-scoring stock at prices named in the advertisement, which will be found on page 13 of The Homestead.

—Barred Plymouth Rocks of the E. B. Thompson strain, large, heavy-boned birds, that will please both the farmer and the fancier, are offered for sale by Mr. J. A. Penn, of Alta, Iowa, in his advertisement which appears on page 13.

—Mrs. Anna Dockey, of Pilot Mound, Iowa, breeder of Barred Plymouth Rocks, in furnishing copy for her advertisement found on page 13 of The Homestead, writes: "I have a fine lot of birds for sale, the best I ever owned. My birds have great size and bone, as well as fine markings." Write Mrs. Dockey your wants.

—Mr. George E. McGrew, of Selma, Iowa, in furnishing copy for his advertisement found on page 13, writes: "We have some fine Mammoth Bronze turkeys. Our tom was the first-prize bird at the Northern Iowa poultry show held at Spencer, Iowa, February 1 to 3, 1906. We have yearling hens that weigh twenty-four pounds."

—Mr. M. A. Easthouse, of Hartley, Iowa, whose advertisement offering Barred Plymouth Rock cockerels for sale appears on page 13, writes: "These cockerels are in fine condition, the best I have ever raised, and any Homestead reader in want of good cockerels to head their flocks or pens can get them from me at a reasonable price."

—Mrs. A. H. Graham, of Alexis, Ill., writes in regard to the White Wyandotte cockerels and pullets which she is offering for sale in her advertisement on page 13: "My White Wyandotte chickens are large, healthy, farm-raised birds and from a good laying strain. I have about 300 of these birds and I offer them for sale at reasonable prices."

—Mr. C. G. Good, of Ogden, Iowa, whose advertisement appears on page 13 of The Homestead, writes: "I have the best lot of Barred Plymouth Rocks I ever owned, many weighing up to eleven pounds, with bone to spare. They are well barred and healthy, vigorous birds and bred from a strain noted for its laying quality." Write Mr. Good your wants.

—Messrs. Larkin & Hersberg, proprietors of the Maple Grove Poultry Farm, of Mankato, Minn., are among our new advertisers. They have something to say to our readers who want eggs for hatching purposes. They have twenty-five of the leading varieties of fowls. Two farms have recently consolidated and they are now amply able to care for a large egg trade of land and water fowls.

—Mrs. Wm. Barr, of Kirkman, Iowa, has an advertisement on page 13 of The Homestead. In furnishing copy Mrs. Barr writes: "I have twenty-five Black Langshan and Silver Laced Wyandotte cockerels for sale. All of them are healthy and well-developed birds and have had the range of the farm. I also have one yearling cock for sale, scoring 94 points. All orders will be promptly filled."

—"The Mammoth Bronze turkeys which I offer for sale are sired by a forty-pound tom," writes Mrs. T. O. Cooper, of Knierim, Iowa, in sending copy for her advertisement on this page. She further says: "I took first on both old and young turkeys at the Calhoun County Fair in 1904, the stock being judged by Judge Todd. I also took same prizes in 1905. The Barred Plymouth Rock cockerels are large, well-barred stock and are good enough to head any flock."

—Mrs. H. L. Jones, of Montezuma, Iowa, in furnishing copy for her advertisement offering Single Comb Brown Leghorn and Barred Plymouth Rock cockerels for sale, found on page 13, writes: "I have a fine lot of cockerels from prize winners. My Barred Plymouth Rocks are large, heavy-boned birds and well barred. My Single Comb Brown Leghorns are first class in every way and are easily worth twice the money I ask for them. They scored 92 to 94 at the poultry show. My Pekin ducks are all right."

—The Berry Poultry Farm, of Clarinda, Iowa, in furnishing copy for advertisement on page 13, sends the following letter lately received from Mr. A. Lee Renchar, dated at Eagar, Arizona. Mr. Renchar says: "My Leghorn chickens arrived yesterday. They came through in perfect condition. They are beauties and I am more than satisfied with them. I am glad to find a poultry farm that will do exactly what they say they will. By your manner of treating your customers, your firm is fully entitled to its name, Golden Rule. I thank you for my fine birds."

—Mr. J. B. McAllister, of Palo, Iowa, in furnishing copy for his new advertisement on this page of The Homestead, writes: "The Silver Spangled Hamburgs I have for sale are extra nice ones of the same strain as my noted prize winner at the Cedar Rapids, Ottumwa and West Liberty poultry shows. This most beautiful variety and profitable breed of chickens, because of their great laying qualities, have only to be tried to be appreciated. I am offering either cockerels, hens or pullets for sale at prices that should move them. I would be pleased to correspond with any of your readers interested in the Silver Spangled Hamburgs."

### POULTRY.

## 75 PLYMOUTH COCKERELS FOR SALE

Of the Bradley, Ringlet and Eclipse strains. Some very excellent birds at \$1.00 and up; can also spare a few good hens and pullets. Address

Mrs. E. F. Escher, Manning, Iowa.

## Monster M. B. Turkeys and Toulouse Geese

FOR SALE cheap, as I have to move and won't have room for them. I will put them on the bargain shelf for thirty days. Remember I sell all without reserve, at very low price.

C. H. DRAKE, Stockport, Iowa.

## White Holland Toms

WEIGHING from 16 to 20 lbs., \$4.00 each. Choice Barred Plymouth Rock cockerels, \$1.50 each.

J. S. TEALE, Lamoni, Iowa.

I HAVE EXTRA large Barred Plymouth Rocks of Bradley Bros. strain direct, and also White P. Rocks of pure Fitch strain direct. These Rocks are all very large and as I have to move will make extra low prices on them till Feb. 20, 1907. Please state what you want, not ask what I have. C. H. Drake, Stockport, Iowa.

## WHITE WYANDOTTES FOR SALE.

300 YOUNG birds of the choicest strains. Will sell cheap as I am in need of the room. Wm. Miller, Rush Park Stock Farm, Independence, Iowa.

## BARRED ROCKS AND M. BRONZE TURKEYS FOR SALE.

EXTRA large bone and fine markings; yearling and 2-year-old hens, weighing 22 to 26 lbs. I will sell these hens, young hens, up to 18 lbs; toms 24 to 28 lbs. J. T. Prim, New Providence, Ia.

## FOR SALE.

MAMMOTH Bronze turkeys. Fine young stock for sale. Sired by the 1st prize winner of the St. Louis poultry show. He is also a grandson of the World's Fair 1st prize winner, mated to hens scoring from 95 to 97 points.

Jasper Lacy, Neoga, Ill., R. F. D. 2.

## G. M. Grinstead, Mitchellville, Iowa.

40 Monster M. B. Turkeys, bred from N. Y. prize winner, and winners at recent Iowa State Poultry show, '06; won 1 and 2 on young tom, 1, 2, 3 and 4 on pullet, 2nd on pair. 50 B. P. Rock cockerels, 30 Pekin ducks. Phone 91 D.

## CEDAR LAWN POULTRY YARDS

Barred Plymouth Rocks exclusively, 75 scored cockerels at \$1.50 to \$3.00 each. A few unscored at \$1.00 each. Prompt shipment and satisfaction guaranteed. W. J. Applegate, New Sharon, Iowa.

## Evergreen Poultry Farm, MARATHON, IOWA.

200 prize winning birds for sale. B. P. Rocks, M. B. turkeys, Pekin ducks and Toulouse geese, fine large birds with or without score cards. Prices right. Write me, Mrs. Silas Cobbs.

## PARTRIDGE COCHINS

CHEAP to close out; 40 fine cockerels, 15 pullets. Come quick. D. C. Ross, Box 253, Audubon, Iowa.

## Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Dancer, Lamoni, Iowa.

WHITE ROCKS—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. Bulus H. Flanagan, Pleasantville, Iowa.

A LIMITED number of B. P. Rock cockerels. For the next two weeks I will sell them for the low price of \$1.00. J. H. Farls, New Providence, Ia.

FOR SALE—Mammoth Bronze turkeys of both sexes, also B. P. Rock cockerels from prize-winning stock. Mrs. T. O. Cooper, Knierim, Iowa.

UPLAND POULTRY FARM—Stock for sale from Light Brahmas, Rhode Island Reds and R. C. B. Leghorns. Albert Hans, Waucoma, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 to \$2.00 each. Big bone, fine color, bred from our winners. J. M. Detwiler, Dunlap, Iowa. R. 1.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

FOR SALE—FULL Blood Black Langshans. Roosters crated and delivered to railroad at \$1.50 each. E. A. Whited, Atlantic, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spalti, Box 7, Pleasantville, Iowa.

FOR SALE—A few choice young Bronze turkey toms, \$3.25 each; hens, \$2.25. C. Bergeson, Wallingford, Iowa.

"SPECIAL" high-class suappy lot. Barred Rocks, Cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

200 FULL Blood Black Langshan cockerels \$1.00 each; pullets \$1.25. B. F. Read, Blairsburg, Iowa. Route 1.

WHITE Wyandotte cockerels for sale, scoring from 91 to 91½. Mrs. J. G. Huffman, Audubon, Iowa. R. 6.

### POULTRY.

## BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Nelbert strains. Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fishel White Rocks. We have them and are going to sell them at bargain prices. Please notice change in address.

C. C. Drake & Son, LaHarpe, Ill.

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96½ at Newton and Monroe Poultry shows, 1906. Won 3 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

## For Sale---Prize Winning

MAMMOTH Bronze turkeys, scoring from 95½ to 96½. Also choice Barred Plymouth Rock cockerels and pullets.

CHAS. STUART, Phone 93 V, Altoona, Iowa.

## MAMMOTH BRONZE TURKEYS.

MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

CHOICE M. B. Turkeys, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strain; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

ROSE COMB BROWN LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

SINGLE COMB W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

WHITE Plymouth Rocks for sale, scored and unscored. Hens, pullets and cockerels. Fishel strain. Prices low. Eggs in season. Mrs. O. J. Early, Bristow, Iowa.

FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

CHOICE B. P. Rock cockerels, Bradley and Thompson strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

FOR SALE—150 thoroughbred Mammoth Bronze turkeys. Large bone, well marked. Toms, \$5 each, hens, \$3. C. M. Snyder, R. 4, Corydon, Iowa.

PRIZE-WINNING Light Brahmas, scored by Judge Russell. Scored cockerels, \$2.00; unscored birds, \$1.00. J. Q. Swallow, Box 89, Nodaway, Iowa.

WHITE Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa.

S. L. Wyandotte cks. for sale; fine large birds from S. high-scoring stock; also two Buff Orpington cks. single comb. Mrs. F. H. Long, Manning, Iowa.

MAMMOTH W. Holland turkeys. High scoring breeding stock; also Pekin ducks, Rankin strain. Prices reasonable. Mrs. J. H. Richardson, Bristow, Ia.

40 BREMDS hardy northern raised thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. R. R. Nenbert, Mankato, Minn.

BARRED Plymouth Rock cockerels, \$1.50 each and up. Scored by Helmich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa.

ROSE and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

100 BIG M. B. Turkeys, McLaughlin and Giant strains, 200 Giant B. P. Rocks, Pairs, Trios or Pens in either class. Grant Gallaher, Spencer, Ia.

WHITE Plymouth Rock cockerels, scored and unscored. Scored stock \$2 to \$4½, farm raised, \$1 to \$2. Eggs in season. D. A. Good, Ogden, Iowa.

ROSE Comb Brown Leghorn Cockerels 75c each and White Holland Turkey Toms \$4.00 each. Mrs. Ida M. Reiter, Corydon, Iowa. R. F. D. 4.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hann, Earlville, Iowa.

MAMMOTH White Wyandotte cockerels and Buff turkeys, true to color and large size, at reasonable prices. Mrs. L. C. Dennison, Arbia, Mo.

FINE, large-boned Mammoth Bronze turkey toms at \$5.00 each. Barred P. Rocks at \$1.00 to \$3.50 each. Write D. H. Leaser, Robins, Iowa.

MAMMOTH B. turkeys, both sexes, B. Langshans. Cockerels, scored and unscored. Also Pekin drakes. Mrs. A. Kitson, Audubon, Iowa.

SILVER-LACED WYANDOTTES, Pekin ducks, choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

LIGHT BRAHMAS exclusively for 16 years. Fine large cockerels for sale with grand shape and style. E. E. Condit, Newton, Iowa.

LEGHORNS. Both white and brown. Cockerels, \$1.00 each, six for \$5.00. Address, Barker Bros., Indianola, Iowa.

FINE Partridge Cochins; also trio White Holland turkeys, "good enough for show room." \$20. Floy Collins, Viola, Iowa.

BARRED ROCKS, Buff Cochins, scoring 89½ to 94. Scored and unscored birds. Write your wants to Ida Hepp, Gray, Iowa.

### POULTRY.

## Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90½ to 95½ at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, Iowa.

## B. P. ROCKS EXCLUSIVELY

MY young stock is finer than ever. Remember strongly that the birds you buy are seed. Seed sowing always precedes reaping. What you buy in poultry that shall you reap. Cheap birds are like everything else cheap. Good breeding cockerels \$2.00 to \$3.00. Pullets \$1.00 each, taken in lots of 5 or more. Exhibition stock a matter of correspondence.

G. W. STOUT, Rose Hill, Iowa.

## For Sale--High Scoring Prize-Winning

BARRED P. Rock cockerels and M. B. turkeys, both sexes. Toms weighing up to 25 lbs., \$5.00; pullets, \$3.00 each, two for \$5.00; trios mated, not akin, \$12.00; also 3 dozen B. P. R. hens at \$10.00 per doz. Address, M. V. Leeper, Redfield, Iowa.

## Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Black Langshans. A nice lot of cockerels for sale. Write us for prices.

## 30 CHOICE

Single Comb White Leghorn Cockerels. All good ones and from the very best of stock. Address, JNO. C. MILLER, Harlan, Iowa.

## B. Plymouth Rock Cockerels

PULLETS or pens mated for best results. Noted "Eclipse strain" winners at the great Chicago show. Cheap for quality. Circular free. Address, J. B. McAllister, Palo, Iowa.

## 75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellabarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, Montezuma, Iowa.

## Mammoth Bronze Turkeys.

HIGH SCORING young stock for sale. Score cards furnished. Address, GUY W. OFFILL, Prairie City, Iowa.

MRS. J. W. BLOKHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa.

WHITE P. Rocks, B. Langshans, S. L. Wyandotte cks., scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

MAMMOTH Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

## ROSE COMB WHITE LEGHORNS.

Write for prices. M. T. McEvoy, Emmetsburg, Iowa.

M. B. turkeys large-boned toms weighing 25 lbs. and up, \$5 each and up; also White P. Rock cks. \$1.25 each; farm raised. Adam Kolb, Thornton, Ia.

BLACK Langshan cks., extra large, good comb. Matings of 14 large hens and 9½ pt. chl., \$1.50 to \$2 each. Mrs. Sarah F. McKee, Box 36, Sac City, Ia.

MAPLE GROVE Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia.

OTTOMWA Poultry Yards. Light Brahmas exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

PURE Bred Barred P. Rocks, scoring 89 to 92½. Choice cockerels, cockerel and pullet matings. Eggs in season. Mrs. R. VanDerWert, R. 2, Lacey, Ia.

SILVER-LACED Wyandottes, Steinmesch strain, some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Bedford, Iowa.

CHOICE S. L. Wyandotte cks., W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eggahood, R. 1, Grundy Center, Ia.

WHITE Wyandottes, both sexes. Scored and unscored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

BUFF Rocks for sale—150 pullets, hens, cocks and cks., scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steidom, Lacey, Ia.

S. C. B. LEGHORN hens and pullets for sale at \$1.00 each; at reasonable prices; also M. B. turkeys and B. P. Rocks. J. P. Eskildsen, Lawler, Iowa.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

S. C. and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Cass Co., Iowa.

FOR SALE: A few Mammoth Bronze turkeys, key toms of the Giant strain. S. O. West, Berwick, Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

FINE LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.



## DAY BY DAY

Agricola

Man, born of woman, is apt to jump to conclusions not warranted by the premises. It was so in Bible times; it was so when our nation was in swaddling clothes, and we of the blessed twentieth century ever and anon do some spasmodic jumping.

Just read this from history: In 1797 Charles Newbold, of Burlington, N. J., invented a cast iron plow, spending \$30,000 in perfecting it. But the farmers said that a cast iron plow "poisoned the soil, ruined the crops and promoted the growth of rocks." This terrible indictment bankrupted the manufacturer and it was twenty odd years before farmers acknowledged their mistake.

It was in the year 1819 that a man named Jethro Wood patented a plow which forced recognition from farmers, and acknowledgements that it was far ahead of the primitive style which came down from the days beyond the deluge. In fact, Wood's invention is the basis of the up-to-date plows turned out today. In other words, he is the man to whom the civilized world is indebted for the modern plows.

A generation ago O. C. Gibbs, M. D., of Ohio, and Ohio is a mother of presidents—combated the advice in agricultural papers regarding fall plowing. And this is, in part, what he wrote to the Country Gentleman: "If the surface of the land is not protected so as to prevent the escape of those fertilizing elements, rendered gaseous by the process of decomposition, they are, in a great measure, evaporated and utterly lost."

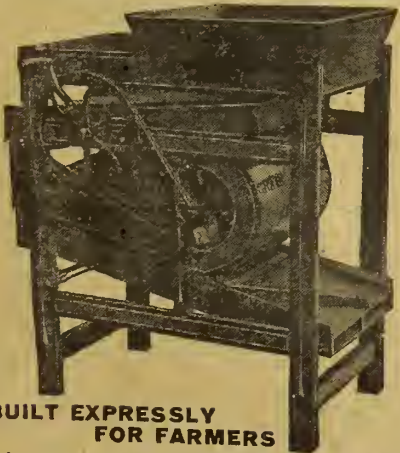
As to the measure of damage by fall plowing, the learned doctor said that the land was impoverished nearly, if not quite as much, as though a crop had actually been taken from it without any return.

To the above, S. Edwards Todd replied that if this were true, the air would become so overloaded with the poisons evaporated from the soil that it would kill us, doctors and all.

In these latter days of grace and Teddy Roosevelt, every farmer who plowed all he could last fall feels better and has better digestion because of his happy frame of mind; his own experience having shown him that he can plow in the fall and have better crops and keep his land more productive than by spring plowing. But it was not always thus, nor is it now in some kinds of soil, so let us bear in mind the old maxim that circumstances alter cases, and study each his own case.

By the way, Jethro Wood, the father of modern plows, was a "whittling Yankee." He made the models of his plows by whittling out potatoes, first one form, then another, until he hit upon the geometrical form which was scientific and practical. Nowadays our institu-

## THE HAWKEYE Grain Grader and Cleaner



BUILT EXPRESSLY FOR FARMERS

It is both a grain grader and fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time.

It will clean and grade seed corn.  
It will clean and grade seed wheat.  
It will clean and grade seed oats.  
It will separate oats from wheat.  
It will separate timothy from clover.  
In short, it will do any work required of a fanning mill and grade seed grains besides.  
If your dealer does not handle it, write us for illustrated circular and prices. Manufactured by

PARSONS HAWKEYE MFG. COMPANY, NEWTON, IOWA.

## TWO PIANOS! CASH! BIG PRIZES FREE!



If this chart gets destroyed another printed upon heavy paper will be sent upon receipt of 2c stamp for postage.

**CONDITIONS**—50 cents pays for a year's subscription to **SUCCESSFUL FARMING** and one count; \$1.00 pays for two years and three counts and makes you eligible for the special \$50.00 prizes given to winners of 1st prizes if they have three counts. See below.

**AWARDS** will be made as follows—The person giving correct or nearest correct count will get first prize. Next nearest second, etc. **\$50 PRIZES**—We believe everybody should have three counts so they can have one each side of what they think is correct to be more sure to hit it. To encourage this we will give \$50.00 extra to winners of 1st prizes if they have three counts. Remember if you have one count you get piano only, but if you have three counts you get \$50 extra.

**TIME PRIZES**—\$25.00 Extra. We feel early counters should be rewarded and we will give \$25.00 to the person sending best answers by Feb. 28th.

**OUR RESPONSIBILITY**—We are a responsible business house, and every prize must be paid and will be paid as Savings Bank; in fact any Bank, Express Company, business house or individual in Des Moines, as well as Dunn or Bradstreet's Agency, or the publisher of this paper.

**JUDGES**—We have wholly disinterested judges to award prizes. Here is what they say:

**TO WHOM IT MAY CONCERN:** We have been asked by the publishers of **SUCCESSFUL FARMING** to act as judges in their contest and see that prizes are all awarded fairly. This we will gladly do guaranteeing each contestant absolute fair treatment. Signed—W. W. MORROW, Treasurer State of Iowa; HUGH BRENNAN, Judge District Court; Rev. A. J. WILLIAMS.

In case of tie we will write each person so tied asking them to make as few words as possible from the letters of the alphabet, using each letter of the alphabet twice and only twice, and no one word more than once, each letter left over counting as one word. To the one tied in the counting who gives us the fewest words as above will be awarded first prize. This practically eliminates all question of tie, but if there should be any possibility be a tie in this the prize will be divided equally between these so tying.

Subscription without counts is 25 cents per year, additional counts after you have three entered as per our terms in paragraph "condition" above may be entered at 25 cents each.

This contest is not to be confused with the guessing or estimating contests. Our contest is a test of skill in planning and counting and the best man wins. Nobody connected with our paper will be allowed to compete. Contest closes June 30, but get your counts in at once. See about time prize above.

tions of learning turn out students who will apply rules already deduced and "blue print" for you anything from a steam shovel to a septic sewerage tank. "Science with practice" is the motto of our modern agricultural colleges—science born of practice is a godfather of the curriculum.

Talking about swollen fortunes, they do not seem to be a present menace here in the corn belt, and this is a cause for rejoicing. But if you want to see the look which may be inferred to belong to a man thinking himself able to buy a big diamond or two just look at the farmer riding home from town in an empty hog rack.

But when you run across a farmer whose hogs "went dead" with cholera just before he intended to sell them you behold another kind of picture. Well, this adds to the spice of life. If Edward Bellamy's "Looking Backward" policy were our rule of life, and each and every man had a stated income credited to him with no chance to better it by doing better work, and no risk of losing it by doing fool tricks, life would be free from many great troubles and made as uninteresting and unrelishable as dish-water soup.

Acting upon this theory the girl on this farm has taken turkey raising for her special industry, although small fruit and garden truck also come under her supervision. The surplus of the latter are hers, and all of the turkey money is hers.

From her account book the following interesting facts are gleaned: She had one tom and six turkey hens. The num-

ber of eggs laid was 119, of which she set 114, and ninety-four were hatched and just half of those hatched reached turkeyhood and sold for \$102, net.

A little figuring on the above shows that each of the 119 eggs laid brought ninety cents when grown to turkeyhood, the ninety-four young turkeys which serabbed out of the shell averaged \$1.08 each, and the ninety-four which lived to a marketable age averaged \$2.17 each. This was one year ago, and poultry was higher than it is this year.

Agricola made a resolution several years ago to grow a patch of wheat every year for the benefit of the hens. A sheaf or two of wheat thrown into their scratching shed works wonders in egg production, because it makes the egg-producers work, makes them exercise.

But exercise is effective according to the enjoyment of the exercise. Walking for the health is less healthful than walking under a delightful incentive. Seeing the hens around the farm with dogs and sticks furnishes them exercise, but not a productive exercise.

It only remains to say that I no longer raise wheat because of the bother. But sheaf wheat takes the place of wheat.

One year ago there was some dissatisfaction because the institutions of the state did considerable lobbying during the session of the legislature. It almost caused a scandal, and it is to be hoped that there will be no occasion to be suspicious of a repetition. But still suspicions last year may have been groundless so far as manifest impropri-

## CAN YOU COUNT THESE DOTS?

SUCCESSFUL FARMING WILL GIVE TO THOSE WHO CAN COUNT THE DOTS IN THE PIANO CORRECTLY OR NEAREST CORRECTLY, THE FOLLOWING LIST OF PRIZES: CAN YOU DO IT?

**Two Elegant Pianos**, one to a lady and one to a gentleman.

**2nd. Two Hundred Dollars Cash.**

**3rd. One Hundred Dollars Cash.**

**4th. Fifty Dollars Cash.**

**5th. Twenty-five Dollars Cash.**

**Next 5. Ten Dollars Each.**

**Next 10. Five Dollars Each.**

**Next 25. Two Dollars Each.**

**CONDITIONS:** 50 cents pays for one year and one count. \$1.00 pays for two years and three counts. You get \$50 extra if you have three counts. It will pay you to have three. See conditions below.

## DON'T DELAY!

IF YOU WANT A PIANO OR OTHER PRIZES **FREE** SEND YOUR COUNTS AT ONCE

**PRIZE WINNERS IN PAST CONTESTS**

**A Piano for \$1.00.** Surely people may enter that they will receive fair treatment. How glad I was to win a piano for so small an amount and wholly unexpected. The paper alone is worth all I paid.

MRS. L. W. NOTT, Marion, Ia.

**He Won a Piano.** went to know whether you are honest. I got a piano for a prize and never heard of you until I answered your ad. Your paper is worth twice the subscription price.

W. C. ELLIOTT, Audubon, Iowa.

**\$100.00 Prize.** easiest I ever earned. The dots are hard to count but I know the prizes go to those who win them fairly.

AMY R. BARNES, Van Horn, Iowa.

**Won \$350 Cash.** I won grand prize of \$350 Cash in last contest. I was much surprised.

JOHN A. GOODWIN, Richmond, Va.

**\$50.00 for Canada.** I never knew there was such a paper until I answered ad, now I will never be without it again.

MISS E. FORNIER, Montene, Quebec

**Won a Piano.** I received the elegant piano which I won in your recent contest, and all was perfectly grand. I am recommending you to all my friends and you are at liberty to use my name as reference any time you wish.

ISAAC SHOTWELL, Rockland, Ohio.

**OTHERS WHO HAVE WON:**

**Pianos**—Myra A. Fursman, Panama, Ill. E. L. Jones, 82 Cottage Ave., Ansonia, Conn. Mr. Libbie Groulick, St. Paul, Minn. W. S. Keever, 817 Freeman St., Cincinnati, O. J. Gemmlich, Kensington, Kan. Edith Hutchinson, Leonard, North Dakota.

**\$100**—Eve I. Buckner, Fredonia, Kas. C. S. Wyman, Vinton, Iowa. E. M. Hall, Montrose, Mo. J. W. Smith, Rome, Okla.

**\$50**—S. Irving Steyer, 225 E. Balt, Baltimore, Md. L. F. Stinson, Arcata, Calif. A. J. Perdue, Altoona, Ia. Albert Peterson, Holdrege, Neb. Ches. McBride, Peoria, Ill. Jos. Unser, Bellevue, O. Mrs. D. H. Stoner, Granger, Ia.

**THESE ARE BUT A FEW OF MANY. WE COULD GIVE A LIST OF HUNDREDS IF WE HAD SPACE. YOU MIGHT AS WELL BE A WINNER IF YOU GO AT IT AT ONCE.**

**Publisher SUCCESSFUL FARMING** 1303 Tenth St., Des Moines, Iowa.

I enclose \$..... for subscription to **SUCCESSFUL FARMING**, and I wish to enter the..... (write ladies' or gents') Contest. If \$1.00 is paid send three counts; if only 50c is paid send **ONLY ONE** count. The extra \$50.00 go only to those having **THREE** or more counts entered.

My Count is: (1).....(2).....(3).....

NAME.....

P. O. .... State.....

Address all letters to **SUCCESSFUL FARMING**, 303 Tenth, St., Des Moines, Iowa.

## HOG CHOLERA

CURED and prevented, worms run out and hogs made healthy and thrifty in a few days at a small expense. Write for book of reliable information on care and treatment of hogs. Also reports of public tests. Address,

**Dr. J. H. Snoddy Remedy Co.,**  
Box 852, Des Moines, Iowa.

eties go. Confidence in our state institutions is a most valuable asset, and those concerned should be heedful not to jeopardize it, even unintentionally.

I wish that some courageous adventurer in science, realizing that there are millions in it, would succeed in inventing a light, cheap, successful storage battery for electricity. Once when in New Orleans, Agricola was astonished at seeing steam cars running in Canal street with no tender for fuel and, wonder of wonders, no fire, and no firebox for burning it! Yet the engine spouted steam, and whistled and puffed and speeded up, all with steam. When I learned that it was charged with compressed steam at a power house the mystery was swept away.

But come to think about it, there would be little occasion to do even that much. The windmill could run and store up electricity as well as store up water, and we could draw it from the storage battery and use it "according to the dictates of our own conscience," provided—there is the rub—we had a workable storage battery. Well, Edison is working away, "has almost arrived at success" is and has been the report for I don't know how long. The good time is still coming—the time so long on the way.



**"Good as Gold"**

This mark [©] now called a *bull's eye* was used by the ancient alchemists to represent gold. If you want the choicest vegetables you should follow the Bull's Eye [©] wherever it appears in

**BURPEE'S Farm Annual for 1907**

the "Silent Salesman" of the world's largest mail-order seed trade. An Elegant New Book of 200 pages, with hundreds of illustrations from photographs, it tells the plain truth about the Best Seeds that Grow. It describes Grand Novelties in Flowers and Vegetables, of unusual importance, which cannot be obtained elsewhere. If interested, WRITE TO-DAY, and the Book is yours.

W. ATLEE BURPEE & CO., Seed Growers, Philadelphia

**SEED CORN**

IMPROVED, DEEP GRAIN STRAINS: Shipped to you on  
EARLY MATURING. BRED FOR 10 Days' Approval  
HIGH YIELD PER ACRE.

Pure-bred, hand selected, fire-dried REID'S YELLOW DENT—(High oil) and BOONE COUNTY WHITE—(High Protein.) Grown under most approved methods, insuring heavy yield. Every ear selected early and carefully inspected. Fire dried and vigorous, and proved of HIGHEST GERMINATING POWER. Recent tests show 97 to 99 PER CENT BRED FOR RIG, RIPE EARS. If you want corn that will YIELD and GET RIPE, plant my HIGH-YIELDING NORTHERN ILLINOIS GROWN SEED. EVERY EAR INSPECTED, and SHIPPED UNDER POSITIVE GUARANTEE to satisfy you when you get it. THAT'S THE SAFE WAY TO BUY SEED CORN. Headquarters for seed that will mature between latitude 40° and 42°. CHANGE SEED OATS for BIGGER YIELD and BETTER QUALITY. FINE SWEDISH SELECT, PURE WHITE, and heavy. Best oats in America. Send today for my free Catalog. L. C. BROWN, LAGRANGE, COOK CO., ILLINOIS.

**We Breed 7 Varieties of SEED CORN**

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

**SEED CORN!****NOW LISTEN! OUR CATALOG**

WE GROW IT JUST RIGHT!  
WE HANDLE IT JUST RIGHT!  
WE SELL IT JUST RIGHT!!!

Leading Seed House.

Tells you all about our Farm Seeds from A to Z and it will be sent to any address FREE

J. B. ARMSTRONG & SON, F. H.,

SHENANDOAH, IOWA

**SEED CORN**

146 bushels per acre; the kind that will please you. Makes bushels where other sorts yield pecks. It's the kind that pays to plant. Change your seed and grow two bushels where you now grow but one. Write for our big Catalog. It tells you all about every farm, field and garden seed and crop that grows. A postal card will bring it, FREE. Address, RATEKIN'S SEED HOUSE, SHENANDOAH, IOWA. (The largest seed corn growers in the world.)

**SEED CORN**

NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 16 to 215 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper. IOWA SEED CO., DES MOINES, IOWA.

**The Call of the West**

Young Men—Men of brain and brawn—the West is calling for YOU. There are no buffalos to hunt—no Indians to fight—but there is land to till—rich virgin soil waiting for the plow and harrow. There are mines to develop and forests of the finest timber ready for the ax. In the states of

**Washington, Idaho, Montana North Dakota**

are countless opportunities for all kinds of farming and every branch of business. The great development of the next few years will be in these states along the line of the Great Northern Railway. If you would share in this work, go this spring when rates are low. The West needs you and will make you independent in a few years.

**LOW RATES DURING MARCH and APRIL**

BOOKS ON WASHINGTON, MONTANA OR NORTH DAKOTA, MAILED FREE

MAX BASS

General Immigration Agent

220 SO. CLARK ST.

Chicago



A. L. CRAIG

Passenger Traffic Manager

St. Paul, Minn.

ALASKA—YUKON—PACIFIC EXPOSITION, SEATTLE, JUNE—OCTOBER, 1909

**HORTICULTURAL TOPICS**

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

**Where to Plant.**

To the Editor of The Homestead:

Planting time will soon be here. Order the stock you want early so that it will not be far down on the nurseryman's list and reach you late in the season. Late planting in the spring is hazardous and a large per cent of late-planted trees are always lost. Nursery stock should be planted just as early as the soil will do to work and knowing when such time usually comes in your section, urge your nurseryman to ship on a date that will get them there on time. The nurseryman is only human and while he will fill most orders in rotation, he will be influenced by that patron who knows just what he wants and when he wants it. Write a letter of inquiry about your stock about the time you ordered it shipped, that no mistake may be made in the time.

If your farm is all prairie, of the same kind of soil, the question of where to plant each variety is merely a question of general consideration. If, on the other hand, it is rolling or hilly and varies much in the character of soil, then the question of where to plant assumes a new importance.

Plant the apple trees on the richest ground. They need good soil to do well and bear large crops. They will stand high feeding. Not so with the pear. Plant the pears on the poorest ground you have. If it be rocky, so much the better. It may be too rough to ever cultivate—that matters not. High fertility and cultivation mean death to the pear by blight. But the trees will not blight before coming into bearing; therefore if the ground be too poor for them to make a healthy growth, mulch them with manure for the first two or three years; then sow grass and let them alone except to spray. The peach trees also should not be highly fed. They make too much wood and the fruit rots easily. Large peach orchards are always cultivated, but a few trees for the family will do well enough in sod if they are vigorous enough to make an annual growth of two or more feet. Plant them in any rough place or corner, feed them with some ashes, and spray twice a year, just before the buds open and just after the blossoms fall. Plum trees like a moist soil. Along a stream, in a hollow or bottom, they will do well without attention; the plum, however, is a hardy tree and will bear in almost any soil. They are a good tree to plant in the hog pasture. Cherries should be planted on good well-drained soil. They will not endure wet feet like the plum. They also require rich soil. For the first few years at least the cherry should have attention in the way of cultivation and manure so as to make a good vigorous growth. L. R. JOHNSON.

**Pruning Apple Trees.**

In a general way it may be said that the best time for pruning is in the spring, just before growth starts. Wounds made at that time will not dry out as much as when made in the fall or winter, and when the ends of the branches are to be cut back, there is often danger that they will be killed back still more by the winter, whereas there is no danger of this when the trees are pruned in March or April, as soon as severe freezing weather is over. Spring pruning is especially desirable for tender varieties, as it not only lessens the tendency to winter-killing, but at that time it will be possible to tell how much the trees or plants have been killed back and to cut below the injured portion.

The rule, however, is not an inflexible one, and, in sections where there is little trouble from winter-killing, the pruning may be done at any time after the leaves drop in the fall and before growth starts in the spring.

It used to be said that fall and winter pruning induced leaf growth, while summer pruning promoted fruitfulness. It is not strange that, if we remove a portion of the branches during the winter, the full vigor of the tree being turned into those that remain, a stronger growth should be secured than with the trees unpruned. We can then say that

**Do You Want to Farm it Right?**

Then sow our Hardy and Reliable Northern Grown Seeds most productive everywhere. We make it a specialty to grow from pedigreed Seed Stock, on our own farms, Right here at Faribault, Minn., all the standard varieties of Seed Grain, Seed Corn and Seed Potatoes. We also offer novelties of wonderful productivity, of our own origination. Try our Canadian Giant Oats, a giant on account of stiff straw and enormous yield. Our Canadian Chief Wheat, produces large, plump grain and heavy crops. Having such heavy chaff, it resists smut, rust and blight better than other kinds. For 10c. we will send 8 samples of pedigreed Seed Grain, also sample of Faribault Jewell Corn, earliest, largest, best yielding Yellow Dent Corn. Spring catalog, English or German, free. Write for it. Farmer Seed Co., Wm. Kueker, Mgr. Box 14, Faribault, Minn.

**GRASS SEED GRAIN**

Timothy, Clover, Blue Grass, Oats, Barley, Speltz, Millet, etc. Stocks are large now, can give you the best at the lowest figure. Prices are bound to advance. Send for our illustrated catalog. Figure what you will need, then ask for samples and prices. Wholesale price list sent any day giving you the latest prices.

CATALOG AND SAMPLES FREE

A. A. BERRY SEED CO.  
BOX BY, CLARINDA, IA.

**A BIG GARDEN**

The year of 1906 was one of prodigal plenty on our seed farms. Never before did vegetable and farm seeds return such enormous yields.

Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid

- |  |               |
|--|---------------|
| 1 pkg. Garden City Best                        | 10c           |
| 1 " Earliest Ripe Cabbage                      | 10c           |
| 1 " Early Emerald Cucumber                     | 15c           |
| 1 " La Crosse Market Lettuce                   | 15c           |
| 1 " 12 Day Radish                              | 10c           |
| 1 " Blue Blood Tomato                          | 15c           |
| 1 " July Turnip                                | 10c           |
| 1000 kernels gloriously beautiful flower seeds | 15c           |
| <b>Total</b>                                   | <b>\$1.00</b> |

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 16c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant, nursery stock, vegetable and farm seed and tool catalog.

This catalog is mailed free to all intending purchasers. Write to-day. JOHN A. SALZER SEED CO., La Crosse, Wis.

**FIELD'S SEED CORN**

Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

HENRY FIELD, SEEDSMAN, BOX 25, SHENANDOAH, IOWA.

**CLOVER**

New Crop IOWA Grown Recleaned and Tested

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper. IOWA SEED CO., Des Moines, Iowa.

IOWA CLOVER 1906 crop of recleaned and tested seeds. Medium Red, Mammoth, Alfalfa and White Clover also Timothy, Blue Grass, Red Top, etc. FIELD SEEDS of all kinds. Our seeds are the best tested seeds that you can buy. The crop tells the story. Get our catalog of Garden Seeds. The Adams Seed Co., Decatur, Ia.

to improve the growth of a tree the pruning should be done while it is dormant.

On the other hand, when a tree is making a strong growth without developing fruit buds it can often be brought into fruitfulness if it is given a severe pruning after growth is under way. This will result in a check to the growth and the tree will be able not only to develop and ripen up the remaining branches but to form fruit buds for the coming year.

For young trees a strong knife answers very well, and for larger ones



much of the work can be done with hand shears. Pruning saws are needed for large branches, and for some purposes some of the level shears may be used.

To secure the best results it is important that the cuts should be made at the right point. If cut too long a bad stub will be formed, while if cut too close beneath the bud, it will dry out. The proper way is to have the cut start on the side opposite the bud, about even with its tip, and, with a slant of about 30 degrees from a cut at right angles, come out just above the bud.

Even greater care should be taken in cutting off large branches from the trunk or other branches. Sometimes the cut is made at right angles to the branch that is cut. This leaves a bad stub, which will be unsightly and the end of which will heal over very slowly, if at all. As a rule the interior of the stub decays, and a cavity is formed in the tree. On the other hand, the cut is often made parallel with the main trunk or branch. This is sometimes all right, but generally there is a large shoulder at the base of the branch and a wound of considerable size is produced. By cutting at an angle of 15 or 20 degrees from the last-named cut, the wound would often be reduced in size fully one-half, and it would not project so far but that the healing would be even more rapid than with a parallel cut.

If the trees have large roots that have ragged ends or that have been broken in handling, they should be cut off smoothly. This applies to trees of all kinds.

The head of an apple tree trunk should not be more than three or four feet from the ground. They can be so pruned that it will not be difficult to work beneath them, and when they have low heads there is far less risk of the trunks becoming sunburned; further, as the trees grow it will be easier to prune and spray them, and to thin and gather the fruit, than when the heads are six or more feet from the ground.

During the first year the young apple trees will need but little pruning, but if the heads are very thick or sprouts appear on the trunk they should have attention. The second and third springs the surplus shoots in the center of the tree should be cut out, giving particular attention to those that cross or grow

close together. If the head is poorly balanced, an attempt should be made to improve its symmetry. The branches should be left longest on the southwest side, that they may shade the trunk, especially if that is the direction of the prevailing winds.

When the trees are of an open habit it is a good plan to head back the branches from one-fourth to one-half. This will strengthen the trunk and branches. The same rules can be followed as the trees develop. All dead branches and the watersprouts, if not needed to fill up the head, should be cut out, and if the tree becomes too thick the thinning out process should be resorted to.—[Practical Gardening.

#### HORTICULTURAL NOTES.

We desire to call the attention of our readers to the advertisement of Mr. Geo. H. Whiting, of Yankton, S. D., that appears on this page of this issue. Mr. Whiting can supply our readers from his nursery, a general line of fruit, shade and ornamental trees including evergreens, shrubs, bulbs, small fruit, etc. He has been in Dakota for twenty-three years in this business. Send to him for his free catalog.

The evergreen specialist, Mr. D. Hill, of Dundee, Ill., is making bargain prices for spring plantings of Scotch pine, white pine, Norway spruce, white spruce, Ponderosa pines that will be found on this page of this and American arbor vitae, in an advertisement. The trees that Mr. Hill is offering are suitable for wind-break purposes or ornamental planting. Besides those mentioned above, he has fifty other bargain lots and he requests readers of this paper to write him for catalog.

Readers of The Homestead who contemplate putting in any considerable area of onions the coming season will be interested in the advertisement of Messrs. H. D. Chester & Co., of Chicago, Ill., that appears on this page of this issue of The Homestead. Onions can be grown in any soil or climate and will require no more care than any other product. The above firm will agree to buy, from those who purchase their seed, the crop raised, or the raiser can sell his crop to his own grocer or dealer if he prefers.

Mr. L. C. Brown, of LaGrange, Ill., is offering seed corn of the improved deep grain strain and early-maturing varieties for sale in his advertisement which appears on page 16 of this issue. He is not only doing this, but he agrees to ship it on ten days' approval. Mr. Brown's seed corn has been grown under the most approved methods, which insures a heavy yield. Every year it is inspected and shipped under positive guarantee to satisfy the purchaser. He also has for sale Swedish Select oats, pure white and a heavy yielder. He considers it the best oats in America. Send for his three catalogs.

The members of the Farmer Seed Company, of Faribault, Minn., whose advertisement appears on page 16 of this issue, are practical farmers and gardeners. They own extensive farm lands, and have been engaged in farming and seed growing the last eleven years at Faribault, Minn., a section that is renowned for the production of choice seed grain, seed corn and seed potatoes, and also for the growing of fine vegetables. Clover, timothy and other grass seeds, produced in the neighborhood of Faribault, are unsurpassed for high quality, and for this reason the Farmer Seed Company are headquarters for them. They give special attention to the growing of carefully selected clover-grass mixtures for permanent pastures and meadows. The Farmer Seed Company claim, and their customers prove it, that with their carefully-selected clover-grass mixtures, one can make two and three spears of grass grow where but one grew before. The readers of this paper, who are interested in farming and gardening, should write to the Farmer Seed Company for their new, illustrated catalog, which is a very attractive and instructive book. They offer it free to the readers of this paper. Write for it.

**THE NEW IDEAL SEED CORN TESTER.**  
The advertisement of the New Ideal Seed Corn Tester will be found on this page of this issue. This tester is something that will do away entirely with old-fashioned methods of testing seed corn. The blotting paper or cigar box plans were always makeshifts, but these have been put entirely in the background by this new tester. It makes the seed come up through soil, which of course is the natural and only way to test corn. Professor Holden, the noted expert of the Iowa Agricultural College, has strongly endorsed this tester. The season for testing is at hand. Write at once for catalog to the Ulbrich Seed Corn Tester Company, Atlantic, Iowa, and please mention this paper when you write.

**CLOVER SEED.**  
Clover is unquestionably a crop of the greatest importance to agriculture, not only on account of its great value for pasture and hay production, but also because its cultivation adds so greatly to the fertility of the soil, enriching it in nitrogen and restoring it when exhausted by frequent cropping. It is now a generally recognized fact that it is impossible to secure the best results from any farm without clover, and the farming lands of Iowa and the West are increasing so rapidly in value that in order to make farming profitable it is necessary to have the purest and best seed possible. For several years past the clover crop in the West has been nearly a failure, but this year, while the crop was not large, still there was some very nice seed grown here, and the Iowa Seed Company, of Des Moines, Iowa, state that they have spent considerable time and money in sending out men over the state searching among the best seed growers and secured some lots of seed of exceptional purity and value. These they have thoroughly re-cleaned and tested, and in order to distinguish them from all ordinary grades, they call them the "Anchor Brand." Each bag of this seed is branded with an anchor and also sealed with a lead seal. They are using the same brand also for fancy grades of mammoth red, alsike, alfalfa, white clover, timothy and blue grass, and in each case it represents strictly new crop seed of unusual

## GENUINE AVERY Stalk Cutter

The Original Spiral Knife.



IT CUTS AT A SLANT. Does better work than any other, yet avoids that terrible jolting and jerking common to others. Pleasant to use. Lasts a lifetime.

**Special Proposition** mailed on request. Write for free Catalog now.

One or Two Row.

AVERY MFG. CO., 169 Iowa St., PEORIA, ILL.

## Jewell Seeds and Trees

1200 acre nursery and seed farm, founded at Lake City in 1883 by Dr. P. A. Jewell. Send postal card for Free 132 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

**THE JEWELL NURSERIES,**  
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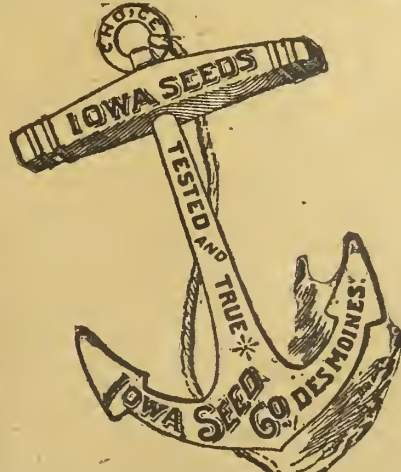
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re-cleaned clover to customers in Ohio as well as large quantities to other parts of the country. Remember that it does not pay to sow weed seeds on your land and every pound of dirt or refuse in clover reduces the value or increases the actual cost for the good seed. The supply of this high-grade seed is of course limited, and we believe that it would pay farmers to order early this season. The Iowa Seed Company have agreed to send a free sample of any of these seeds to those of our readers who are going to require seed for sowing this season. Mention this paper in writing them.

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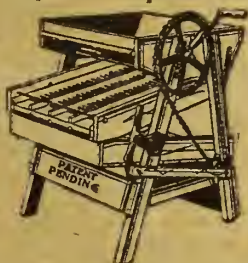
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**OUR HOME DEPARTMENT.**

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

**WITH THE EDITOR.**

There are probably several hundred public school teachers among our readers, but it is for the benefit of school patron readers, who number many thousands, that a certain little book has been chosen for discussion here With The Editor.

One reason why parents, the average parents that is, are so indifferent about the schools is that they know so little about them. One reason why they think anyone can teach school is because they have practically no conception of the gifts and the training necessary to adequately equip one for the work of teaching. A story which gives a picture of school life governed by twentieth century ideals of a school, and taught by a competent teacher, is a sort of home missionary. It should be given wide circulation. Its truths should be announced from pulpit and editorial sanctum by all who see the necessity of the time for better educational methods and better teachers. This need is especially great in rural schools where methods are usually behind the times and teachers so ill paid that low-grade service obtains. If I were rich enough I would place a copy of "Jean Mitchell's School" in every traveling library in the country. I feel confident that it would stimulate teachers and directors and patrons to improve their school.

The first chapter in the story—a story written with the distinct purpose of showing "the vital relation of the work of the school to the life of the child"—is entitled "The New Teacher." Its opening paragraph describes a not uncommon state of affairs:

A new teacher had been engaged for the Morrisville school. There was nothing at all surprising in the fact itself, for teachers came to the place and went away again in a monotonous procession. Now and then some spirit, bolder or less sensitive than its predecessors, remained for a ten months' term, a feat which was chronicled with mingled respect and admiration by the loungers at the village store; but such victories were achieved only by constant warfare, and the conquerors usually declared with emphasis that a worse school could not be found anywhere.

The boys and girls themselves beheld their instructor depart with few feelings of regret, while they looked forward to the next arrival with eager anticipations of triumph.

The main qualification upon which the trustees strenuously insisted was strength. Every applicant for the position was carefully viewed, and if he or she seemed strong and muscular the officials nodded their wise heads and agreed to "try it once more."

Jean Mitchell did not meet the requirement of physical strength. How, lacking this requisite, she succeeded in securing the position, puzzled the village gossips. The director's apologetic explanation was: "I really believe I engaged her 'cause I kinder wished I'd had jest sich a teacher when I was a boy. She can't do no wuss than the last six or eight we've had, an' goodness knows they was strong enough." Scotch Sandy, the village oracle, on hearing these words shook his head, saying: "I wonder at ye engagin' her because she had pleasant ways! The pur young lassie! Ye should ha' had peety on her. I gie her a week to stay."

But the close of the term saw Jean Mitchell considering the urgent entreaty of the directors that she should return after the holidays. Her "pleasant way" was the outward and visible sign of an inward grace, a sanity, wisdom, strength and sweetness which enabled her to bring a hard school into kindly co-operation and one by one to win the most lawless and churlish to a spirit of loving obedience and good fellowship.

Everything depends upon the beginning. The story of Jean Mitchell's first day makes interesting reading. We commend it to our readers. One of the first plans she executed was that of transforming the schoolroom from dreary barrenness to cheerful beauty. In this transformation the children had a large part. Everyone, even the tiniest, did something. Walls and windows were cleaned, woodwork scoured, curtains made and hung, pictures cut and mounted; they gathered boughs and berries, acorn clusters and deserted birds' nests, and hung specimens of their work in number, language and drawing. And the best of all was it was not mere decoration. Everything had a direct

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**15 to 35 Cts. PER ROD DELIVERED.**

bearing upon the children's school work, a distinct influence upon their lives.

It is necessarily impossible in this little talk to sketch the story in anything like detail. A touch here and there to suggest the underlying spirit at work, the methods and the results achieved, is all that can be given.

Miss Mitchell was full of devices to interest the pupils. Every month was made to teach new lessons and increase the attractiveness of the school. In October the autumn vines and the departing birds told their stories. In November there was Thanksgiving to learn about and prepare for. The story of the coming of the Pilgrim Fathers was all worked out on a sand table. England, Holland the Puritans, the ocean, the ship, the landing at Plymouth Rock—to the delight of the children who had no idea they were being taught history and geography. December brought Christmas and the school treat with its gifts made by their own hands. February, with the birthdays of Washington and Lincoln, furnished opportunity for talks and essays cultivating love of country and the desire to live noble lives. Each month had its calendar, its song, its special blackboard decoration, and its events, conditions and lessons were made to correlate with the work of the school.

New fangled ways may be trusted to provoke suspicion if not opposition. The patrons did not all approve of the teacher's methods and occasionally a disgruntled parent paid the school a visit. Usually his conversion dated from that day and he went away saying, "The hull thing is agin my idee o' what should be done, but I guess you're right. You fix the studies to suit yourself and we'll stand by you."

As I talk about "Jean Mitchell's School" the conviction grows upon me that it is a book that should be read rather than talked about. If this desultory chat incites to the perusal of the book, my purpose will be served, otherwise little will have been accomplished.

**HOME AND HOMEMAKING.**

**LITTLE HELPS BY THE WAY.**

Prayer is the stairway to heaven,  
And whoever will may climb—  
The child in his morning beauty,  
The sage who is bowed by time,  
The king in his royal raiment,  
And the outcast clothed with crime;  
Prayer is the stairway to heaven,  
And whoever will may climb.

These are prayers of that sweet and simple soul, Robert Louis Stevenson, and the other is the prayer of Bishop Huntington. These were the first two prayers. In the morning: "Give us to go blithely on our business all this day. Help us to perform our duties with laughter and kindly faces; let cheerfulness abound." In the evening: "Give us health, food, bright weather and light hearts; give us to awake with smiles, give us to labor smilingly." These two prayers were found among Mr. Stevenson's papers after his death. The prayer of Bishop Huntington was: "Grant, I beseech thee, merciful Lord, to thy servant pardon and peace,

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and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how Wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free.

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**C. E. BROOKS, 3144 Brooks' Bldg., MARSHALL, MICH.**

that I may be cleansed from all my sins and serve thee with a quiet mind."

**THE BEST LIFE PARTNERS.**

Men seldom ask the girls with whom they laugh and bandy jokes to share their homes. They enjoy being amused for an hour by the girl who is witty and clever, who is sparkling and gay, and they will heap admiration to the full measure upon the girl who is beautiful. Yet how seldom do they think seriously about making such women their wives! Men are, as a rule, far cuter than folks imagine when it comes to the point of marriage. True, so many sacrifice everything for the sake of a pretty face, but the majority are wiser in their generation. They see the mistakes of others and take warning. Beauty fades, wit and clever-



erness pall if they are backed up with no more solid virtues, and the happiness and comfort of a home cannot depend upon the power of being amusing. When a man marries he wants a helpmeet, not a beauty upon whom he must be forever dancing attendance, not a brilliantly clever woman, at whose feet he must forever be sitting in admiration, but a woman full of love and sympathy, a partner who can bring into the partnership what he himself lacks, one who will help him, and for whom he will never tire of working and serving devotedly.

## CONUNDRUMS.

What bird can lift more than an elephant?  
A crane.  
What bone is hollow and is used as a horn? The trombone.

## NO END.

"Every time it snows the papers say that it assures the wheat crop. When will they let up on the wheat?"  
"No let up to it. It's a cereal story."

## THE COOK.

To Bake Ham—First soak the ham (a whole one) in water over night. Then rinse, scrape and place it in water over the fire. Having allowed it to boil gently two hours, remove it from the water and take off the skin. This done, place the ham in a large dripping pan and bake it in a very moderate oven for three hours, basting it frequently. Use for the basting a cupful (generous measure) of vinegar, in which a tablespoonful of brown sugar has been dissolved. Pour this over the ham in quantities of a few teaspoonfuls at a time, and when it is all consumed, baste with the drippings from the pan. Hams cooked in this way are always tender and of most excellent flavor.

Pressed Chicken—The chicken should be liberally seasoned with celery salt and paprika, and boiled until very tender. Remove the bones and skin and cut the meat in small pieces. Boil the liquor down to a half pint, moisten the meat with this, and pack in a buttered mold, alternating with chopped or sliced hard-boiled eggs. Cover with a plate, place a weight on it, and set in a cold place over night.

Peanut Brittle—Shell and remove skins from two quarts of freshly roasted peanuts; pound, or roll until slightly broken; sift the peanuts lightly, allowing the finer portions to fall on an ordinary bread board sufficiently thick to cover the board; set the rest aside. Put one pound of sugar into an iron saucepan; stir over the fire until it melts and is slightly brown (not scorched); stir in just as many peanuts as the melted sugar will hold, and turn out quickly on the board covered with fine broken kernels; roll out thin, cut in squares and let cool. Walnuts or hickory nuts may be used instead of peanuts.

## IMPORTANT LITTLE THINGS.

For, verily, after much meditation and experience, I have divined that it takes as much sense and refinement and talent to cook dinner, wash and wipe a dish, make a bed as it should be made and dust a room as it should be dusted, as goes to the writing of a novel or shining in high society.—From Rose Terry Cooke's "Somebody's Neighbors."

## ECONOMICAL SUGGESTIONS.

I never throw away a bit of fat of any kind, no matter how badly it is burned, but pour it all into a crock. When I have a gallon or more I put it into a large kettle with twice the quantity of water. When the fat is all dissolved, I let it boil for about twenty minutes, then cool it. When it is hard I take it all off and "render" it down and pour back into the crock. The result is a nice lot of pure, clean fat, much better than lard for pies, and for cakes, also, by adding one-third butter.

I always keep a clothespin near the sink

## The one water-proofing which resists and lasts is natural asphalt.

Resists all atmospheric conditions, also steam, gases, alkalis, acids, and everything that commonly attacks a roof.

The day of the coal-tar roof is past. Genasco Ready Roofing, with its tough, pliable, enduring asphalt-life, is just as far ahead of it as the electric light is ahead of the tallow dip. The Trinidad Lake Asphalt which we put into Genasco, is the standard by which all other asphalts are compared, just as Genasco is the standard roofing of all roofings.

Easy to lay—smooth and mineral surfaces, several weights.

Ask your dealer.

Write for Book N and samples.

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Largest producers of asphalt in the world

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### All Shipments On Approval

WHEN you were a boy you went 'cross lots when you wanted to get there in a hurry. You didn't care for fences—you went right over them.

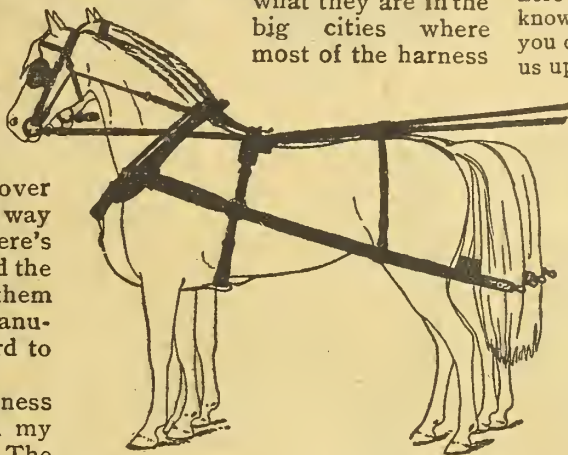
Now when you buy harness why don't you buy by the 'cross-lots method? In the old way there are a lot of fences and if you don't climb over them it's a long, round-about way from harness maker to you. There's the fence of the wholesaler and the fence of the retailer—jump them both and go straight to the manufacturer. You will save a third to a half.

I make 50 styles of good harness and I make them right here in my own factory in Waterloo. The whole business is under my own supervision. I know the men and I know what they can do. They are all skilled harness makers and I pay them enough so they feel right and do good work.

I use only the best oak-tanned leather—I buy every bit of it myself so I know what's going into my harness as well as how it is made.

There's cheaper harness sold than mine but as far as I've been able to find out there's no harness anywhere near as good as mine

that is sold for as little money. Our expenses here in Waterloo are low—very low compared with what they are in the big cities where most of the harness



sold by dealers and mail-order houses, is made.

And then, when you buy from us you are paying only one profit and that's not a very large one. We believe big sales at small profits are better than big profits and small sales.

I've told you about the harness—how good it is and how we save you money. Now I want to tell you about our firm. There's not a more reliable and honest concern in the country than the Western Harness & Supply Co. The men that

are associated with me are men who stand high in this community. You can ask any Bank or Express Company right here in Waterloo, where we are best known, what sort of fellows we are, or you can go to your own bank and look us up in Dunn or Bradstreet.

All our shipments are made on approval. If you are not satisfied with the harness when you get it and have examined it, you are to send it back and your money will be refunded together with transportation charges both ways.

As I said before we make 50 styles of harness—all are good and all are sold at a mighty low price but the set illustrated here we call our "leader." The cut gives you a fair idea of it. It's a genuine bargain—a splendidly made 1½-inch team harness, strong and stylish in appearance and made of the very best grade oak-tanned leather. It is actual-

ly worth more today than it was when we made it up, because leather is advancing in price, as you may know.

So, if you want this special harness value, please order promptly. Just send me the money, \$24, and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways, if you are not perfectly satisfied.

My big, free Harness book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address R. M. Knox, Pres.

Western Harness & Supply Co.,  
613 Main Street, Waterloo, Ia.

for scraping pots and kettles that have been burned or are otherwise hard to clean.

For mixing flour with milk or water for thickening I always use a fork. It never lumps, and it takes less time.

For an old-fashioned Yorkshire pudding, cooked under a roast of beef: Take four fresh eggs, beaten very light; one pint of milk, one pint of flour, sifted twice, and one-half teaspoonful of salt. Beat the whole for ten minutes. Raise the roast on a rack, turn out most of the gravy, pour the mixture into the hot pan and bake for twenty minutes. Be careful not to shake it for the first ten minutes.

When frying down sausage for summer, one can make better headway by making the cakes the evening before. Then use a large bread pan and fry them in the oven. Also have the largest kettle you possess filled half full of very hot grease and put in as many cakes as you can conveniently handle. A few slices of raw potato added occasionally will clarify the grease.

Spare-ribs fried down and put away as you do sausage makes an agreeable variety of meat through the summer.

### AMONG OURSELVES.

A delightful proof of the truths of the "circle" thought given to our readers in the January 3d With the Editor has just come to me. Some years ago among the Band of Mercy members was a bright girl who learned to love "all harmless living creatures" dearly and frequently wrote rhyming verses in their behalf. The girl is a grown-up young lady now and the sweetness and the helpfulness gendered in the Band of Mercy days is fruiting in the sunshiny desire to work anywhere she can "help the least bit." She hopes we have room Among Ourselves for her and by way of entrance for dues sends us some verses. "Somebody Smiled" should make music in our hearts. It surely will if we open them to its message.

#### SOMEBODY SMILED.

I was weary and tired, and life was gray;  
My heart was cold and so was the day;  
But somebody smiled, and then, and then,  
My heart was cheery and warm again.  
Somebody smiled; 'twas a little thing,  
And yet, what comfort smiles can bring!

A sorrow came to be my guest;  
The sun went down in the somber west;  
And the night was black as Pluto's realm.  
I drifted—a ship without a helm—  
Till somebody smiled, and then a star  
Of hope arose and shone afar.

Somebody smiled; what matter who?  
But, oh! resolve that it might be you.  
For sometimes one smile will save a soul,  
Wrecked where life's fiercest billows roll.  
Only a smile; 'tis a little thing,  
But, oh! the good a smile can bring.

—L. A. J.

"Somebody Smiled" could be written by one kind of young woman only. We like the kind. Miss Lillie Johnson is herewith made a member of our circle

and cordially invited to scatter sunshine among us as frequently as other duties permit.

Book talks are not coming in as they should; perhaps this little offering of "Skipet" will stimulate lagging contributors:

For ten years I have been a silent reader of this good paper. Perhaps mention of some of the late books may help the friends: "Hester of the Grants," a story of the battle of Bennington, is excellent; "Col. Carter's Christmas" is a pretty story of a southern gentleman being kind and loyal to others, showing the right Christian spirit; "The First of the Hoosiers," by George E. Eggleston, is a biography of the life of Edward Eggleston well told. A good book to put into a boy's hand, except, perhaps, for his later religious convictions; but boys have to thrash out the wheat from the chaff on all subjects. Among the historical books for boys there are none better than the Heuty books. Though a boy don't want to feast entirely on such strong food. The quotations in the Home Department "Little Helps by the Way" I save mostly, and then pass them on to my friends by letter as a message of cheer and encouragement.

I wonder if many of the friends memorize those "Little Helps"? I wish they would. From experience I can testify to their value as nerve calmers, heart strengtheners, and sleep-producers. I have a rosary of choice gems from among them which I tell over as I ride in the street cars, lie resting in the gloaming or waken in the night watches.

There are friends who speak to us only once in awhile, but who are constant and appreciative members of this gathering. Of such is Mrs. Ruth English, of North English, Iowa, who has a few words for us this week:

I have been much interested in the discussion of the subjects treated lately in the Home Department. Our industrial system is to be blamed for much of the divorce evil, forced marriages, women being compelled to work beyond their strength and little children working in mills and factories. One of the friends blamed the men for allowing the women to work outside. They are to blame in one way, for they have the ballot and by using it intelligently they could have the full product of their labor instead of being content with a small part and letting the rest go to men who are already drunk with too much wealth. In one of the editorials recently Mrs. Walker talked of contentment. No one can be perfectly happy as long as any of our sisters or brothers are starving and are poverty-stricken in this land that God has given such wonderful resources. The editorial containing an excerpt from Mrs. Gilman was fine. There should be more homes, fewer tramps, less employment of girls in department stores and other places where they are almost compelled to be immoral or where the temptation to do wrong is very strong.

If laws could do all Mrs. Miller thinks they would and we could have the laws

## Wouldn't You Like

to have us show you the wonderful opportunities existing in the South, and how you could improve your present condition?

### THE "Seaboard Magazine"

Devoted to the agricultural and industrial development of the South, will point out the many advantages of a location in our mild climate, where life would be a greater pleasure as well as profit by reason of being able to carry on work throughout the entire year. Why battle against the elements? If you want a stock or grain farm, a fruit farm, truck farm, where lands are fertile and productive, in fact, anything, and want it in Virginia, the Carolinas, Georgia, Alabama or Florida, the magazine will assist you. Sent FREE on request, together with other handsomely illustrated literature descriptive of the South and its wonderful resources and progress.

Special low round-trip rates for homeseekers, prospectors and investors.

J. W. WHITE, General Industrial Agent,  
Portsmouth, Va.

Seaboard Air Line Railway, Dept. "S."

she believes in, I wonder, I honestly do, if the world would really be revolutionized and if it were, how long it would remain a serpentless Eden? And at the same time I do firmly believe that the laws are great molders of public sentiment and potent forces in the life of the nation.

A Foster Mother brings for our consideration a problem which I shall be very glad to have thoroughly discussed here Among Ourselves:

I would like to ask the opinion of the readers of the Home Department as to the advisability of taking orphan children to raise. There are so many of these motherless, homeless little ones in the orphanages of our large cities and it seems to me in this great farming country of ours there is so much room for them in our many good country homes. Not to make drudges of them (God forbid), but to give them wholesome homes. They surely are entitled to not a little consideration. It takes so little to make a child happy, and friends, isn't it worth while? We have two children in our own home, brother and sister, who are orphans, both parents being dead. By the way, I would take no other than ag-



tirely orphaned children. My parents raised three orphans, so I have had quite a little experience in this work. However, I love children, and let me say to those who do not, under no consideration take orphan children into your home. Love for children must be in your hearts or you will be lacking in patience, for children are trying many times. I fail many times, but I try to profit by my failures and keep persevering, hoping that the end will not be a complete failure at least. We surely can do more for them than was being done where they were. There are many sides to this question and I will write more of my own experience if anyone is interested in it; however, my object in writing is to receive help from the opinions and experiences of others.

There are probably numbers among us who have adopted children in their homes. Will not these friends come and give us their experiences, frankly and fully? If they will we shall be greatly their debtor.

Like so many of the new members Mrs. Mary slips softly into the circle and rises to her feet with some heart trembling. Don't be nervous, friends; you are certainly welcome:

Being a newcomer in this department, although I have been a reader of the paper for several years, I am a little afraid as to how I will be received. But as I have a few little helps to offer, and a request to make I will venture in. Do all the sisters know that in preparing their apple butter for the stove, if instead of cooking on top of the stove they would place it in the oven on wash day they would have a great deal less work, as it only requires stirring once in a while, and we like the flavor a great deal better? Here is also a little saving when the shoulders, collar and sleeves of men's shirts are worn: The good parts make good underclothing for little tots. I am always interested in the mother's talks, as I have six little ones, the eldest but nine years.

#### Dressmaking and Millinery. No. 553.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

The embroidered collar and cuff sets are in especially high favor, and as their vogue is promised to continue throughout the coming summer it will be wise for us to provide ourselves with several of these, or at least with the collars, if we do not care for the cuffs. They may be made at home, being simple in design, either in openwork or blind embroidery. The edge is worked in scallops in buttonhole stitch, and the chosen design is arranged in the corners. The turnover part of the collar is straight and is joined to a band that is shaped like the shirt waist stock, so no special pattern is needed.

Negligees of the kind shown in No. 5481 have become general favorites, so that few wardrobes are without one or more of these made up in simple or more elaborate modes,



## STEVENS

### Firearms

Girls enjoy shooting and profit by it no less than do boys. Decisiveness, self-reliance and sound health result from hours spent in the open. Give your daughter a "Little Krag" rifle, \$5.00

#### Write for Our 140-page Free Catalog

Any man or boy or girl interested in firearms will find it full of helpful information on hunting, proper care of weapons, notes on sights, ammunition, etc. Why not write to us to-day? Send four cents in stamps to cover postage.

Ask your dealer—insist on Stevens. If you cannot obtain them, we ship direct, express prepaid.

J. STEVENS ARMS & TOOL CO.  
115 Pine Street  
Chicopee Falls, Mass., U.S.A.

## SAVE MONEY ON Feed Cookers

Smith's "easy mixer" given free with every cooker.



This Peerless Cooker Complete with Smith's "Easy Mixer" \$3.75

by buying direct from our factory. Every cooker absolutely guaranteed and sent out on 30 days approval test. Special FIRE device that saves 50 per cent in fuel—jacket bound in steel. Kettle warranted flawless, cookers are unequaled in efficiency, durability and low price. Write at once for catalog and special book "What to Cook and How to Cook for Stock."

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29 GREENVILLE, MICH.



H. C. GUMBEL

scale you like best. I will ship it to you all ready to do business as soon as it is set up on your place. If it doesn't suit you for ANY reason, I will take it back, pay freight BOTH ways and send you a check to cover the expense of setting up and taking down the scale.

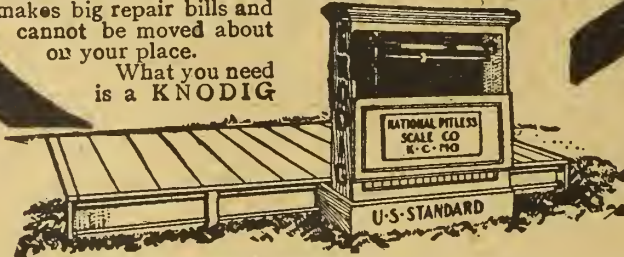
How's THAT for a liberal offer? I couldn't afford to make it unless I was absolutely SURE that my scale was right, could I? Well, I DO know it. You see, I make the "KNODIG," and can afford to stand back of it. My 10-year guarantee shows how much faith I have in it. No other scale is backed up by the manufacturer as mine is.

\* \* \*

Now, you can't afford to buy one of those inaccurate, cheaply constructed Pitless Scales, which will do poor work and last only a year or two, nor a high-priced, old style Pit Scale which makes big repair bills and cannot be moved about on your place.

What you need is a KNODIG

My Scale is Used by the U. S. Government in the Post Office at Kansas City



according to the purpose for which they are intended. These garments are loose and are always made without lining, and are made up plain or with simple banding, as pictured. There are many materials especially suited to these, found usually among the large flowered or striped designs, but one's taste must govern her choice after all, and often preference is given to small, neat, figured patterns, or to a plain material. In all cases where any attempt is made to follow out the "original" idea of the kimono the banding used about all the edges is of plain cloth and it may contrast with or harmonize with the color of the design in the body of the garment. This banding may be applied as a facing or it may be cut of sufficient width to allow of it being used



[5481—Tucked Kimono, small, medium, large.]

double, in which case it is applied on the edge. In using pattern No. 5481 the sleeves may be cut full length and be then left free or gathered to a band as liked. It is not necessary to alter the shape of the sleeve for this. If preferred the lapels may be cut off where they fold back, and the usual "kimono" finish be used instead. For cold weather wear the fleece-lined flannels in either cotton or woolen material is often selected, but when warmth is not a consideration, challies, the soft woolens or half-woolen materials and other light weights are

selected for these. As these garments are not required to "fit" snugly, the patterns are cut only in three sizes, small, medium and large. (The small should be ordered for bust size 32 or 34. Medium 36 or 38, and large for 40 or 42. The latter may also be used for 44 if desired.)

No. 5269 is an old favorite in a night gown and one that is varied but slightly from season to season. As pictured it is made either with high neck and roll-over collar or the yoke is cut out to give the half-low neck that many have come to prefer for such garments. This low, round yoke is cut from all-over embroidery, and finished with narrow beading. Even when the high-neck style is adopted the yoke may be made as fancy as one likes, and all-over embroidery may be used or alternate rows of embroidered banding and tucked or plain cloth. For such garments cambric or long cloth is preferable to the heavy muslins, and the latter especially is so easy to iron.



[5269—Round Yoke Night-Gown, 32 to 44 bust.]

No. 5269 is cut in size for a 32, 34, 36, 38, 40, 42 and 44-inch bust measure. Give size when ordering pattern. Can furnish the square yoke gown if preferred, and is so etated in the order.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

#### A GOOD INTRODUCTION.

Some years ago, Macbeth, the lamp chimney maker of Pittsburgh, sent 200 boxes of chimneys to Australia, to be sold by the box for what they would fetch at auction. They brought thirty cents a box more than freight and handling and auctioneer's

PITLESS, which costs you a little more at the start than the "cheap" scales sold by the Mail Order Houses, but is the best investment in the long run because it lasts a lifetime.

The "KNODIG" costs from \$30 to \$50 less than a Pit Scale, and is as good as ANY scale made at any price. Ready for instant use when you want it. No snow or ice to cut away from the bearings in winter—no dirt or dust to clean out in milder weather.

The KNODIG PITLESS SCALE can be moved anywhere on your land, wherever the work happens to be. It is personal property. My plan saves you all the middlemen's profits. Deal direct with me. No Agents, Salesmen, Jobbers or Dealers stand between you and my factory.

Why should you pay from \$30 to \$50 more for the empty privilege of buying through an agent or dealer? Does it make the scale you buy any better? Does it add one single penny to its value? Then why not save the middleman's profits and keep them in your own pocket?

Remember, I am willing to PROVE that the "KNODIG" Pitless is the scale you need. I will send a set to you or to any responsible Farmer, Stockman, Elevator Man or Grain Dealer on a month's free trial. Write me personally for the new Knodig Pitless Scale Catalog. It contains over 40 fine half-tone pictures that will interest you.

The book is free. You will want to see it. Write for it today to

H. C. Gumbel, Gen. Mgr.,  
National Pitless Scale Co.,  
2011 Wyandotte St.,  
Kansas City, Mo.

Cut Out and Mail this Coupon Today.

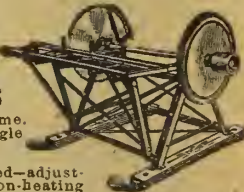
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Please send me your big FREE Knodig Scale Book by first mail.

Name.....

Address.....

You never saw a saw which saws like this saw saws



endless as long a time. Frame of heavy angle steel strongly braced—absolutely no shake. Patented—adjustable, dust-proof, non-heating oil boxes, etc. We make these

**Appleton Wood Saws**  
in 6 styles—strong, simple, safe and successful—and we make a 4-wheel mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 A DAY. We make the celebrated

**HERO FRICTION FEED DRAG SAW**  
nothing like it—no other so good. Also feed grinders, shellers, fodder cutters, huskers, manure spreaders, farm trucks, windmills, etc., all guaranteed full Appleton Quality. Catalog free for the asking. Ask for it now.

APPLETON MANUFACTURING CO.  
39 Fargo Street  
Batavia, Ill., U. S. A.

fees. But, falling into the hands of wholesale dealers, introduced themselves; and now Macbeth enjoys the leading position in the Australian trade.

#### THE TELEPHONE ON THE FARM.

We have lately received from the Stromberg Carlson Telephone Manufacturing Company, of Rochester, N. Y., a booklet which they have just issued especially for their friends in the rural district. This book has been prepared with a view of placing before the farmer in as brief a manner as possible the various uses of the telephone on the farm. We quote from it: "The value of this instrument in rural life cannot be overestimated. It saves time and eliminates space. It saves many a trip to town and to the neighbors, both of which may be located many miles away. By thus saving many a long trip, the day has been materially lengthened and opportunity given for other important work at home, otherwise, it would have to wait until the next day and possibly much longer. Much time is thus saved which in the busy season is of great value and means many dollars to the farmer. This booklet will be of value to those of The Homestead readers who are interested in the telephone. It can be had by addressing the company as above.

There seems to be a general complaint of poor galvanizing on fence wire. The complaint has become so general as to attract the attention of the United States Department of Agriculture and they have taken the matter up with the view of investigating conditions and giving practical information from time to time to fence users. The time was when galvanized fence wire could be relied on to last several years, but now, in many cases, it begins to rust soon after put up. Messrs. Kitzelman Bros., of Muncie, Ind., fence manufacturers, claim to have an improved process of galvanizing wire that adds much to its lasting qualities. They have just issued a ninety-six-page catalog fully describing the above process. Upon request it will be mailed free to all readers of The Homestead. We trust all of our friends will write for it. If there are any improvements made we want our readers to know of them. See advertisement on page 18.



## LIVE STOCK SALES

## The Bloomington Horse Sale.

The breeders' combination horse sale held at Bloomington, Ill., on January 9th, 10th and 11th was a pronounced success. Breeders were present from many states and the prices received were very good, considering the large number of horses disposed of. The registered stock was sold on January 9th and 10th and a full report follows. Buyers from the following states were present: Ohio, Illinois, Iowa, Indiana, Missouri, Kansas, Nebraska and Oklahoma. This sale was ably conducted under the management of Mr. C. W. Hurt, of Arrowsmith, Ill. The highest price realized was \$1,400, at which figure the six-year-old percheron stallion, Absalom, consigned by Mr. D. Augustin, of Carlock, Ill., went to Mr. L. Potter, of Deer Creek, Ill. Colonels Harriman, Snyder and Brown conducted the selling. A full list of sales is given below:

Absalom, six years, sire Kellermann, L. Potter, Deer Creek, Ill.	\$1,400
Grant, three years, sire Dewey Ditt, M. W. Miller, Gallon, Ohio.	915
Ero, five years, sire Nero, I. P. Davis, Youngstown, Ill.	600
Stella, ten years, sire Earville, C. W. Bainbridge, Pana, Ohio.	390
Rosco, two years, sire Ilongrois, H. J. Ulrich, Scranton, Kan.	800
Bergeron, three years, sire Bouliwet, Robt. Burgess & Son, Wenona, Ill.	565
Clofate, two years, sire Absalom, E. S. Ellsworth, Iowa Falls, Iowa.	380
Cascade, two years, sire Cadix, same.	380
Voltaire, one year, sire Valient, J. A. Wilson, Fairfield, Mo.	300
Cadix, one year, sire Cadix, H. G. McMillan, Rock Rapids, Iowa.	310
Landes-Valient, one year, sire Valient, M. D. Shutt, Rock Rapids, Iowa.	230
French draft mare, four years, N. Richardson, Elliott, Ill.	200
French draft filly, same.	175
Keota Lydon, eight years, sire Duc Doudaville 2d, A. C. Landon, Clinton, Mo.	650
Lot 15, I. P. Davis.	400
Polly, six years, sire Romco, Nicholas Stamm, Letts, Iowa.	530
Molly, seven years, sire Romeo, same.	550
Clara Clarion, five years, sire Clarion 2d, M. O. Thompson, Paxton, Ill.	430
Queen Victoria, seven years, sire Harry, N. Richardson.	260
Elizabeth, six years, sire Fils-de-Dominant, W. M. Moore, Vienna, Ill.	300
Myra, four years, sire Sampson, E. S. Ellsworth.	380
Brilliant, two years, sire Keota Lydon, J. & E. Maddox, Clinton, Ill.	670
Powerful Jr., two years, sire Powerful, A. C. Landon.	510
Lillian, two years, sire Major, E. S. Ellsworth.	350
Mable, ten months, sire Hector, Tremont Bennett, Modoc, Ind.	225
Maud A., ten months, sire Hector, same.	225
Nellie, nine months, sire Kenos, same.	150
Pluton, one year, sire Pedroe, J. W. Cavanaugh, Urbana, Ill.	605
Pearl, eight years, sire Carnot, J. K. Ellis, Vienna, Ill.	235
Julia, six years, sire Vesper, Mose James, Mansfield, Ohio.	450
Minnette, eleven years, sire Scott, D. A. Zook, Eight Mile, Mo.	260
Sally D., five years, sire Grimoald, Mose James.	450
Fanny, ten years, sire Carnot, Thos. Kennedy, Eminington, Ill.	225
King Rollo, four years, sire Fils-De-Dominant, J. W. Wilson.	500
Estella, four years, sire Boer, same.	380
Valcine, two years, sire Boer, S. Noble King, Normal, Ill.	480
Alpha, one year, sire Carpon, O. H. Scanlan, Williamsburg, Ind.	310
Bluette, three years, sire Boer, J. H. Henderson, Leland, Ill.	500
Dina, five years, sire Prince, J. H. Armstrong, Tonica, Ill.	480
Juno, one year, sire Boer, J. Wilson.	445
Paramount Lass, one year, sire Boer, same.	510

## TRY THIS MILL

10 Days Free.

I will send any responsible farmer one of

DITTO'S

Latest Double Cut, Triple-Geared Ball-Bearing

Feed Grinders

On Ten Days Trial—No Money In Advance.

If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10¢ sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue.

G. M. Ditto, Box 12 Joliet, Ill.

## THIS MILL ON TRIAL FREE 20 DAYS

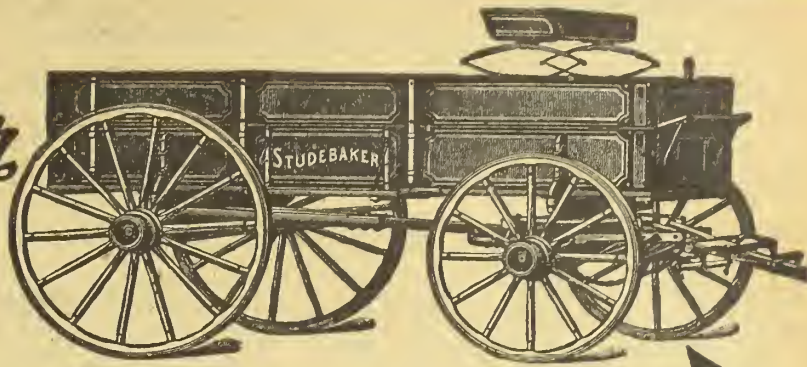
We'd like to tell you how we send our "Corn Belt" Feed Mills on 20 days trial free, and why it's the mill for you to buy. This is the one mill you'll like better the longer you use it. 20 days gives you time to see how it works—how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep and power mills.

Spartan Mfg. Co. 202 Chambers St., Galveston, Ill.

## How a

Studebaker

## Saves You Money



THE way to figure the cost to you of a wagon, a carriage, a buggy or a set of harness—

Is to figure the cost per year as long as you use it.

If a farm wagon, for example, that costs you \$60 lasts 20 years and requires only \$2 repairs, the cost to you of that wagon is \$3.10 a year.

If another wagon costs only \$50, and lasts 10 years, and requires \$10 worth of repairs, the cost to you is \$6 a year, at least.

Which is the cheaper?

There is no doubt about the lasting qualities of Studebaker wagons, carriages and harness.

It's the material that goes into them—plus the way they are made.

Studebaker farm wagons have axles  $\frac{1}{4}$  inch deeper than others, made from selected butt-cut Black Hickory—air-dried from 3 to 5 years.

The axles are also re-inforced with a special bar of steel running from the heel of one skein to the other.

The Studebaker Patent Truss Skeins are made from cast iron having a transverse strength of over 3,000 pounds to the

square inch—25% greater than the requirements of the United States Government—and probably 50% greater than the ordinary wagon.

The Studebaker hubs are large in diameter—furnishing a proper foundation for the spokes. They are treated with a secret solution, which greatly adds to their weather resisting qualities.

The Studebaker slope-shoulder spokes—one of the greatest improvements ever made in wagon building—carrying the largest amount of wood into the hub. They are strongest where other spokes are weakest.

The Studebaker patented round-edge tires are oil-welded and cold-set. That's why they never loosen.

And so on—point by point—feature by feature—nothing that will add to the durability and long life of the

Studebaker is overlooked.

Do you wonder that it lasts?

Do you wonder that it is the wagon with a reputation behind it?

You cannot afford to buy a "cheap" wagon, when you can get the best for so little.

It is poor economy to be constantly paying out money for repair bills.

Get a Studebaker and save money.

## See the Studebaker Agent

## Go to the Studebaker Agent

and examine the Studebaker for yourself. Ask him for a FREE COPY of the Studebaker Almanac for 1907. If you don't know the agent, write us. Enclose a 2c stamp and we'll send you the book free. Please address Desk 39.

Studebaker Bros. Manufacturing Co., South Bend, Indiana.

SELLING AGENTS ALMOST EVERYWHERE.

Flacoe, two years, sire Mustapha, J. S. Cooper, Winfield, Iowa.	435
Rominette, three years, sire Boer, J. H. Armstrong.	425
Albina, two years, sire Boer, A. W. Hopp, Adrain, Mo.	550
Sada B., two years, sire Germain, O. R. Thompson.	405
Carrie, three years, sire Boer, Kerr & Allen, Oconee, Ill.	360
Marcia, one year, sire Bedford, Wm. Mell, Three Oaks, Mich.	385
Black Nell, one year, sire Bouliwet, same.	385
Dewey, two years, sire Bedford, J. Wilson.	490
Beaudole, two years, sire Marks B., M. D. Shutt.	320
Cola, two years, sire Boer, H. E. Henry, Marion, Ind.	310
Hazel, seven years, sire Cap Sheaf, Kerr & Allen.	610
Ruby, two years, sire Bellini, J. A. Sutton, Thawville, Ill.	310
Richmond, two years, sire Powerful, Ed. Moats, Normal, Ill.	610
Mignon, one year, sire Boer, M. D. Shutt.	335
Chacal, one year, sire Bouliwet, same.	305
Nora, one year, sire Paritlin, O. H. Slater, Oconee, Ill.	200
Flora D., one year, sire Bouliwet, H. G. Gritstner, Hopedale, Ill.	280
Nina, ten months, sire Lorin, Tremont Watts.	255
Rose, five months, sire Pantin, J. B. Kratz, Monticello, Ill.	300
Alma, nine months, sire Pantin, J. E. Horton, Dunlap, Ill.	225
Philibert, two years, sire Hercules, C. French, Riverside, Ill.	800
Adison, three years, sire Hercules, J. Wilson.	700
Beautor, two years, sire Joffard, same.	505
Ellas, seven years, sire Hercules, H. E. Henry.	335
Mustaches, two years, sire Hercules, H. G. McMillan.	405
Gilbert, four years, sire Involvo Jr., A. J. Sutton, Dodsdsville, Ill.	410
Coco, four years, sire Prince of Pleasant Hill, J. G. Ruby, Kearney, Neb.	480
Bryan, one year, sire Levan, C. W. Wood, Stratton, Neb.	410
Blucher, one year, sire Bouliwet, M. D. Shutt.	285
Pharoah, seven years, sire Wimille, Robt. Burgess & Son.	600
M. D. Shutt.	450
Mountain, five years, sire Vulcan 7th, Lee Griffith, Manitou, Okla.	365
Mollie 2d, one year, sire Gerome, E. S. Ellsworth.	270
Helen, two years, sire Leader, J. H. Armstrong.	350
Holder Bell, ten months, sire Leader, M. D. Shutt.	250
Solferino, eight years, sire Brock, J. Wilson.	610
Teddy, two years, sire Rutabaga, Kerr & Allen.	810
Duke, two years, sire Bruno, M. D. Shutt.	505
Molly M., five years, sire Ring Leader, Geo. Warren, Mahomet, Ill.	500
Fairfield Princess, eight years, sire Grove Rover, J. A. Elton, Bloomington, Ill.	385
Holly Maid, four years, sire Thorsby, M. E. Henry.	355
Flossy, two years, sire Highland Hero, Thos. Kennedy, Eminington, Ill.	380
Matchless, two years, sire Highland Hero, W. B. Fuller, Watseka, Ill.	450
Floss of Gold, two years, sire Highland Hero, S. Staddler, Piper City, Ill.	275

Sound Currency, one year, sire Highland Hero, C. A. Lindquist, Essex, Iowa.	600
Lot 90, Dan Halliwell, Farmer City, Ill.	340
Lot 97, same.	340
Dollie, three years, sire Prince Max, same.	500
Roy Royalist, ten months, sire Severn Royalist, Geo. Warner.	205
Keota Princess, thirteen years, sire Stuntney Revenue, Geo. Warner.	300
March On 2d, six years, sire Barney, Jas. Shaw, Gibson City, Ill.	900
Prince David, two years, sire Lord of the Harem, Jno. McClure, Gibson City, Ill.	300
Clayton St. Bodolph, ten years, sire Duke of Wirsley 2d, W. S. Youde, Saybrook, Ill.	310
Raybourn's Buster Brown, three years, sire Dunsmore Invincible, Lee Griffith.	215
Skenedoa, four years, sire Keir Albion, J. J. Smith, Eureka, Ill.	605
Lot 101, D. G. Ruby.	525
Lot 102, C. A. Lindquist.	430
Lee, one year, sire Levan, M. D. Shutt.	300
Franklin, one year, sire Levan, same.	310
Mate, four years, sire Sampson, J. F. Reid, E. St. Louis, Ill.	450
Brilliant 3d, one year, sire Pedroe, M. D. Shutt.	300
Dewey, one year, sire Rutabaga, J. Wilson.	290
Frenchman, one year, sire Kenos, D. G. Ruby.	210
Duchess, nine years, sire Avant Courier 2d, J. T. Reed.	425
Fanny, seven years, sire Grain D'Or 3d, H. E. Henry.	305
Alexander, three years, sire Fils-De-Dominant, M. E. Stimpson, Zeoring, Ill.	530
25 Crocker Bldg., Des Moines, Iowa.	830
Roland, H. G. McMillan.	335
Victoria, J. G. Chapman, Vienna, Ill.	220
LaSalle, D. A. Zook.	335
Governor, E. B. Reynolds, Lexington, Neb.	255
Theodora, J. Campbell, Roberts, Ill.	135
Katydid, five years, sire Avant Courier, J. W. Pline, Lanesville, Ill.	505
Clifton Wonder, J. P. Kratz.	700
Ulysses, eight years, sire Ohpelin, W. Scott, Erastus, Ill.	625
Flora, eleven years, sire Brutus, F. L. Tremont, Hoopeston, Ill.	115
Ravachol, eight years, sire Boule-D'Or, D. A. Zook.	700
Kiata Marie, six years, sire Pantheon, J. Wilson.	500
Husky Pilot, one year, sire Hoosier Pilot, E. K. Roth, Gibson, Ill.	300
Louise, five years, sire Lyceen, J. & W. C. Robinson, Towanda, Kan.	610
Lady, seven years, sire Duke, I. U. Roop, Carlock, Ill.	490
Lucy, four years, sire King, J. C. Chapman.	350
Brilliant Fanny, six years, sire Beau-manoir, H. Y. Bowman, Tunnell Hill, Ill.	285
Voltaire, one year, sire Bouliwet, D. A. Zook.	240
Prosper, M. D. Shutt.	305
Flossy J., one year, sire Arlette, Hoke Treed, Gridley, Ill.	130
Lark, two years, sire Arlette, M. D. Shutt.	285
Fiasco, seven years, sire Romeo, H. G. McMillan.	700
Yvon, seven years, sire Brock, Edward Cooper, Manchester, Iowa.	950
Brilliant, four years, sire Slismond, D. G. Ruby.	440

Queen, ten months, sire Hoer, E. S. Ellsworth.	290
Saved for Cary Brant, P. E. Chandler, Compton, Ill.	415
Charmar, nine years, sire Rubicon, D. A. Zook.	505
Chenebourg, five years, sire Charlemagne, S. Noble King.	805
Kate, ten years, sire Reader, Peck & Houghton, Woodhull, Ill.	390

## SUMMARY.

70 stallions	\$33,225; average...	\$475
69 mares	24,625; average...	357
139 head	57,850; average...	416

## Dawson's Sale a Great Success.

The great sale of Poland China bred sows made by Messrs. Dawson & Sons at Fairbury, Neb., January 12th was one of the most successful ever held in the state of Nebraska. The offering was in fine condition and up to the expectation of every breeder and farmer present. Those from a distance were royally entertained at the best hotels in the city and we are sure that every man that made a purchase at this sale felt that he had his money's worth. No. 1 May Queen, topped the sale at \$200, going to the well known herd of Chas. Lewis, of Beatrice, Neb. She is a daughter of old Expansion and surely one of the good sows of the breed. There were breeders from several different states present and the good things of the sale were stubbornly fought for. Below is a complete list of the sales.

Lot	Name	Price
1	Chas Lewis, Beatrice, Neb.	\$200.00
2	J. H. Hamilton & Son, Guide Rock, Neb.	120.00
3	McKeever & Sons, Hubbell, Neb.	145.00
4	John McFarlane, Fairbury, Neb.	92.00
5	Albert Smith, Superior, Neb.	115.00
6	J. A. Monroe, Fairbury, Neb.	95.00
7	Geo. Morehead, Beloit, Kan.	103.00
8	John McFarlane	110.00
9	E. Holey, Narka, Kan.	72.50
10	J. A. Monroe	70.00
11	John Hidelk, Fairbury, Neb.	60.00
12	J. H. Simkins, DeWitt, Neb.	107.50
13	Lee & Clawson, Grand River, Ia.	170.00
14	F. R. Barrett, Cadams, Neb.	112.00
15	J. B. Simkins	110.00
16	W. R. Jones, Fairbury, Neb.	34.00
17	Andrew Johns, Rosendale, Mo.	62.50
18	Clay Dawson, Lincoln, Neb.	35.00
19	F. P. Higgins, Iadann, Kan.	53.00
20	Frank Coffman, Arapahoe, Neb.	47.00
21	Segrist & Stout, Humboldt, Neb.	53.00
22	Andrew Johns	49.00
23	E. Schaffer, Erie, Kan.	62.50
24	E. M. Jenkins & Son, Byron, Neb.	82.00
25	Andrew Johns	80.00
26	John Monroe	47.00
27	Glen Beavers, Oak, Neb.	42.50
28	Will Summers, Beatrice, Neb.	30.00
29	B. J. Atkinson, Cozad, Neb.	45.00
30	F. S. Wells, Fairbury, Neb.	40.00
31	McKeever & Sons	65.00
32	E. A. Grim, Alexandria, Neb.	65.00
33	O. W. Stalder, Salem, Neb.	100.00
34	John Leyel, Elk Creek, Neb.	65.00
35	Frank Coffman	62.00
36	J. A. Monroe	50.00
37	Frank Coffman	38.00
38	J. A. Mosher, Rydal, Kan.	34.00
39	Geo. Morehead, Glen Elder, Kan.	95.00
40	Jensen & Son, Belleville, Kan.	71.00

## SUMMARY.

40 head sold for	\$3,100.00
Total average	77.60



## ADVERTISING NOTES.

The W. Smith Grubber Co., of LaCrosse, Wis., whose advertisement appears on page 4 of this issue, request Homestead readers to write for prices on their cement post machine.

Mr. J. M. Cowan, of Emporia, Kan., requests Homestead readers, in his advertisement on page 24 of this issue, to write him for his special bargain list of farms and ranches for sale.

Messrs. Buchanan & Patterson, of North Platte, Neb., have good farming and grazing lands located in Lincoln county, Nebraska, which they are offering for sale in an advertisement which appears on page 24 of this issue.

Agents can make an average of \$7 per day selling the pump equalizers made by the Equalizer Manufacturing Company, of Waseca, Minn. See advertisement on page 8 and write them for particulars, mentioning The Homestead.

The Homestead readers are invited by the Patrick Investment Company, of Denver, Colo., to come to sunny Colorado. Their advertisement appears on page 24 of this issue. They have dry or irrigated lands, farms and garden tracts for sale. Write them for list.

Messrs. Bingaman, Bolin & Johnston, of Maryville, Mo., have bargains in Nodaway county farms at prices named in the advertisement, which will be found on page 24. They also have the best of coal and mineral lands in other sections of Missouri for sale. Write them for list and prices.

Messrs. Nolterieke Bros., of Greene, Iowa, or William Nolterieke, of Charles City, Iowa, have a 120-acre farm located five miles from Charles City which they are offering for sale on page 24 of this issue of The Homestead. For particulars, call on write to either of the parties named in the advertisement.

Good farm lands in Old Virginia, in mild climate, are offered for sale by Messrs. Casselman & Co., of Richmond, Va., on page 24 of this issue of The Homestead. Write them for their free illustrated catalog and large list of farms they have for sale in that state. They desire to hear from every northern farmer who desires to better his condition.

Messrs. Wm. Ernst & Son, of Tecumseh, Johnson county, Neb., announce in an advertisement which they have on page 26 of

# Let Me Quote You A Price ON (We Pay the Freight) THE AMERICAN Manure Spreader

We will send you the famous American Manure Spreader direct from our factory, because we've stopped selling this celebrated machine through jobbers and dealers. You save their profits now. You get the wholesale factory price on the best Spreader made—not a "cheap" Spreader, but the best one in the market.

## I Don't ASK You to Send Cash

As we send you the American and you pay us on easy, liberal terms—letting the Spreader really pay for itself if you use it—after you've tried it free. You now get the American, recognized as by far the best Spreader, for no more than you must pay for an ordinary Spreader. It is the

## Lightest Draft Spreader Made

That saves your horses. The machinery works only when you start it in your fields—is at rest as you drive out. That saves wear and tear on the Spreader. And you ought to use a Manure Spreader. An American Manure Spreader will make your manure cover more ground, your ground grow more crops, your crops bring more money, and it will make your land worth more dollars per acre. The American has 40 per cent more exclusive features than any other Spreader. I want to tell you about it.



American Harrow Co., 145 Hastings St., Detroit, Mich.

these practical exclusive features which make the American the only Spreader for you to buy at any price. The American is the Standard of the world. We allow

## 30 Days' FREE Trial

on every American Spreader made. We want every customer to see and try an American Spreader. We want every customer satisfied and to prove that our spreader is just as represented, therefore we say

## Test It in Your Own Fields

If it is not just as represented you can return it. We pay all freight—BOTH ways—trial being FREE.

My low price is for the American Manure Spreader delivered at your station—freight paid—including free trial—giving you the dealer's and jobber's profits, and—

## If Satisfied—Take Your Time Paying

for your American Manure Spreader. Now, I want you to know my new low price and I want you to know all about the American Spreader.

## Write Today for My Price

and I'll send it promptly. Also my free catalogue and booklet, which tell you all about the American Spreader, and Fertilizing. You'll be interested in both. You'll be glad you wrote. A postal will do. Don't buy until you investigate this. Take your time investigating, but—WRITE TODAY.

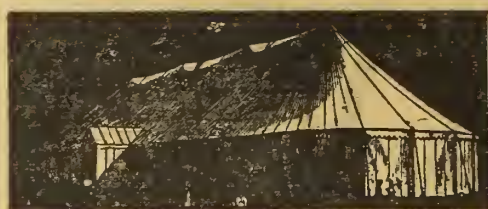
**W. W. Collier, Gen. Manager**  
American Harrow Co., 145 Hastings St., Detroit, Mich.

this issue, that they have a limited amount of new home-grown alfalfa seed which they are offering for sale at \$10 per bushel of sixty pounds. They also have meadow fescue of their own 1906 raising on which they are quoting a price in the advertisement referred to.

"It is a fact," said a wholesale grocer of Kansas City, in a recent talk with the writer, "that fully one-half of the sugar wholesaled from Kansas City is beet sugar and a great deal of this, too, is manufactured in our neighbor state—Kansas. It is in every way successfully taking the place of cane sugar." The Kansas factory is at Garden City in the Arkansas valley district. It was only a few years ago that sugar beet growing was looked up by many as political jingoism—a clap trap to catch votes. Today there are over thirty factories in the United States, which last year produced over 300,000 tons of sugar. The government's demonstration made it possible for hundreds of farmers who formerly were working on rented patches or as hired hands, to be clearing over \$1,000 a year on small tracts of land. These facts and figures were brought out in a conversation a few days ago between a Homestead representative and a gentleman who had visited Garden City viewing the beet sugar and alfalfa lands of the Great Western Land Company. The founders of this company, through shrewd foresight, procured 30,000 acres of land adjacent to the Garden City beet sugar factory. The Garden City farmer has almost eliminated the element of chance. In the first place, it was a fertile spot with an average rainfall of over twenty inches annually. But to this has been added a great irrigation system. Five big ditches traverse the country from which the orchards, alfalfa and beet sugar fields get just the right amount of water at just the right time for their crops. The water is pumped from a copious underflow which has been proven by government test to be inexhaustible. In addition to the big plant already operating, the national government is building a \$250,000 plant to amplify the existing service. In fact, there is scarcely a walk of life in which the toiler can get more expert advice and assistance than at Garden City. In the first place, the government fostered the beet sugar industry, and has in every way made a success with it possible. Then, too, the factory will give the newcomer explicit instructions in beet culture. It does not pay the factory as well to use beets with a low percentage of sugar as those containing a high percentage, hence it is on a keen hunt for the best seeds and improved methods. For the man who needs labor in his beet fields, the factory furnishes workers at a fixed price. An acre of beets will average twenty tons, which will bring \$5 a ton. The labor, if hired, will not exceed \$35 an acre and will average \$25, so the profits per acre will average \$75. The women and children of a household frequently work in a factory. When the sugar beet grower near Garden City is not working in his beet field, he is cutting his alfalfa crops, for the working seasons of sugar beets and alfalfa alternate. Three crops of alfalfa will be cut a season and occasionally four. The average yield is eight tons per acre, though twelve have been grown, and the grower says he can repeat this when furnished water by irrigation. Alfalfa sells for \$7 and \$8 per ton. The second crop of alfalfa is usually thrashed and the yield averages from five to six bushels of seed per acre, which will sell at from \$6 to \$10 per bushel. The straw is a good feed and is worth \$5 per ton. The Arkansas valley is a great fruit country also. Almost all of the tree fruits do well here, and the cantaloupes and melons are unrivaled. The soil, in fact, is a rich, warm, sandy loam which is easily worked and will grow anything. It has been washed down from the mountains and deposited by the Arkansas river. For the man in search of a good working farm, sure in its returns, the lands offered by the Great Western Land Company, of Kansas City, Mo., certainly seem to offer an attractive proposition. Their half-page advertisement will be found on page 24 of this issue and should be read by all interested in lands or in sugar beet and alfalfa growing. The company is made up of reliable people and are selling land at exceedingly low prices, having obtained control of a large tract before the prices advanced so materially.

## FINE TEXAS RANCH CHEAP.

Rich, black, sandy loam land at \$20 an acre is surely cheap. In this issue the Fairfarms Immigration Company of Kansas City, Mo., are offering 2,712 acres of fine land in Texas, with two miles of river front



## TENTS TO RENT

FOR STOCK SALES, ETC.

MANUFACTURERS of all canvas goods, also Silckering, a waterproof dressing for all canvas goods.

**Peoria Tent & Awning Co.,**  
Peoria, Illinois.

along one side, at the above price. This will make a fine ranch or it is suitable for general farming, as 90 per cent of it is tillable. This place is improved. It is in the healthiest climate in the world. Don't fail to read the advertisement on page 25 and write for further particulars.

## THE ASPINWALL POTATO MACHINERY.

Almost every potato grower in the corn belt has heard of the Aspinwall potato machinery. This machinery is almost as standard in the esteem of the people as gold dollars. A booklet has recently been written on the subject of potato culture by Mr. L. A. Aspinwall, the man who has devoted his life to the study of potato culture and to manufacturing machinery for handling the crop. This booklet will be furnished free upon application to the Aspinwall Manufacturing Company, of Jackson, Mich., and please mention The Homestead when you write.

## NO MORE THUMPS AND SCOURS IN PIGS.

Scours and thumps destroy hundreds of thousands of pigs in the corn belt every spring. It does more than that, as it "runs" a considerable percentage of the pigs that go through. These runts are rarely if ever fed at a profit. There is a remedy for these trouble, and it is called Anti-Scour. This has been extensively tried by experiment stations and by a large number of successful swine breeders. Four hundred doses cost but \$1. It is made by the Agricultural Remedy Company, of Topeka, Kan. Send to the above address for booklet entitled "Bigger Pig Money," and please mention The Homestead when you write.

## TEXAS LANDS.

Those who want land in the Panhandle of Texas should not overlook the advertisement of Messrs. Boyer, Peterson & Co., of Kansas City, Mo., on page 24 of this issue. They offer 18,000 acres near Canadian, the owner of which lives in Kansas City and will verify their statements. They have other tracts in Swisher county, in all about 15,000 acres, which they will sell in any sized tract from 160 acres up. In fact, they will subdivide any of the land they have. The Swisher county land is good, especially on account of water. This is a shallow water district and good water can be had at from twenty-five to fifty feet. This firm are reliable and sell Panhandle lands at bottom prices.

## A SPLENDID SHAVING SOAP.

Those who have never used Williams' Shaving Soap have a positive treat in store for them. This soap has been "standard" so long that one is apt to gain the idea that it is used by every man who shaves. This is not true, however, because substitutes for good soap are constantly being pushed forward, and there are those who by the use of these substitutes have been prevented from using the real thing. It would take a small book to enumerate the advantages of Williams' soap over the common kind, but only takes one shave with it to prove the matter better than any book. For four cents you can obtain a trial shaving stick of Williams' soap, enough for fifty shaves. Address the J. B. Williams Company, Dept. A., Glastonbury, Conn., and please mention The Homestead when you write.

## TELEPHONE WIRES ATTRACT LIGHTNING.

Any house with telephone wires is liable to be struck by lightning in the mildest storm, because live telephone wires are the greatest conductors of lightning known. Many of the country's most disastrous and property-destroying storms are laid to this very cause. To keep lightning out of telephones during a storm has been a difficult problem and has at last been solved by the W. E. Ashby Telephone Cut Out Company, 101 Square St., Chariton, Iowa, in their own invention known as the Pedigo Lightning Arrester. This invention is a simple device, easily installed and by simply pulling a knob

you disconnect your telephone, leaving the line wire dead, and free from any current. Wherever the arrester has been used it has always worked properly and successfully, and is known to be a life protector as well as a property saver. For any further information you can write direct to the manufacturer and inventors.

## A GOOD HOME COMPANY.

The Anchor Fire Insurance Company, of Des Moines, Iowa, report a fine year's business for 1906 and good prospects for a larger and better business for 1907. The Homestead is always pleased to record progress and growth of our home industries. We believe Iowa is good enough for Iowa people and in all lines of business, as well as our marvelous products from the soil, unmatched anywhere in the world, Iowa is taking a front place. No state of its age and population, nor at any time in the history of our country, has equaled Iowa in the industry of fire insurance. Protected and safeguarded by excellent laws, the Iowa companies have grown in business and strength beyond anything hitherto known. They are pointed to with pride and are entitled to the confidence and patronage of our people. The Anchor Fire is one of the best and strongest. It holds the respect and good will of the Des Moines business houses and of the Iowa people where best known. We patronize the Anchor and are pleased to commend this company to our readers. See advertisement on page 4 of this issue.

## WINTER HOG TROUBLES.

Now that winter is on in full force, its effects are seen in the unhealthy hogs. The fall pigs that are wormy, or out of condition, are not growing. The older hogs are not getting ready for market as they would if they were clear of worms. In many places cholera is raging, because the unhealthy, wormy hogs very readily contract any disease near them. It is a loss of feed and time to keep unhealthy hogs. And why do it? It is easy to clear the hogs of worms, and make them healthy and thrifty, so they will grow and fatten as they should. For this purpose the Snoddy treatment is very highly recommended. It is used by such men as Messrs. O. S. West, Paulina, Iowa; P. W. Peterson, Vermillion, S. D.; Geo. Seckman, Ripley, Ill.; Dave Rankin, Tarkio, Mo.; W. M. Putman, Tecumseh, Neb., and thousands of other well-known reliable breeders and feeders, who recommend it very highly. People who have had several years' experience with the treatment say that it will actually cure and prevent hog cholera and swine plague every time. Write to Snoddy Remedy Company, Box 852, Des Moines, Iowa, and they will send you, free, a little booklet of much valuable and interesting information on the care and treatment of hogs and also several circulars containing the pictures and endorsement of hundreds of the leading hog men of the country. Write for this information at once, and learn how to grow hogs without worms or cholera.

## SEARS, ROEBUCK & CO.'S WONDERFUL NEW CATALOG JUST OUT.

Sears, Roebuck & Co., the great mail order house of Chicago, have just issued their new spring and summer catalog, the largest and most interesting general merchandise catalog ever printed, and they are willing to send it free to anyone who will write for it. This great concern now advise us that they are handling all orders with wonderful speed since they are entirely located in their mammoth forty-acre plant and are filling and dispatching the thousands of orders they receive daily in about half the time they formerly required, and are setting a new standard for good service in the mail order world. With this firm's wonderful facilities in their new plant, with the marvelous values as shown by the low prices and high quality of the merchandise in their latest free catalog, with the liberal profit-sharing plan which they maintain, whereby they give their customers a large share of the profits of the business, giving away an endless variety of



## HARD WEAR

is what the SECURITY BOOT was made for. Try it.

## DURABILITY

is what you are seeking. Get it by insisting on having

the

## SECURITY

LYCOMING DUCK BOOT.

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

## SNAG PROOF.

LYCOMING RUBBER BOOTS and SHOES are the best money can buy. QUALITY in every inch of them.

If your dealer can't supply you, ask us how to get a pair of SECURITY BOOTS.

HAMILTON BROWN SHOE CO.

ST. LOUIS.

HAMILTON-BROWN LARGEST IN THE WORLD SHOE CO.

When writing, mention The Homestead.



valuable merchandise absolutely free to their customers, and with the accuracy and speed with which they are now handling every order that comes to them, we look forward to see them break all records for volume of business this season. The honest and straightforward as well as liberal manner in which this institution treats its customers is certainly a model of business policy, one that all other tradesmen could well afford to pattern after. See advertisement on page 7.

#### MUST SELL THESE FARMS.

Any reader of The Homestead who would like to buy a good south Missouri farm at two-thirds its actual value should look up the advertisement of Mr. Geo. H. Gallup, of Kansas City, Mo., in the Lands and Homes department of this issue. Mr. Gallup is offering farms at \$20 an acre and others are asking \$30 to \$35 for the same kind of land all around these places. Mr. Gallup is engaged in other business and must sell these farms. If you want a bargain write him.

#### SOUTH DAKOTA LAND AT A BARGAIN.

The Big Sioux Valley Land Company, of Sioux Falls, S. D., give three reasons, in their advertisement on page 24 of this issue, why they are in a position to sell South Dakota farms at a bargain, that cannot be obtained through any other agency. That company are offering land in the time-tried and crop-tested areas, land that will produce oats, corn, red clover, alfalfa, blue grass and timothy. The land is offered by this company is ideal not only for crop production, but for the raising and feeding of beef cattle for market. Write at once for a list of the lands for sale, and address the Big Sioux Valley Land Company, Ramsey Building, Sioux Falls, S. D., and please mention The Homestead when you write.

#### RELIABLE PATENT ATTORNEYS.

Those of our readers who are interested in securing patents are referred to the advertisement of Messrs. Orwig & Lane, registered patent attorneys, of Des Moines, Iowa. Messrs. Orwig & Lane are gentlemen whose business experience and preparation enables them to do all the work incident to the securing of a patent. Both are graduates of Yale College, thoroughly posted in all legal matters, and with a continued experience in the examination and securing of patents that places them high in profession. Their offices in Des Moines are complete, their facilities and equipment being greater than any other of the kind in the West. They have also offices in Washington, D. C. They make a specialty of patent examinations, trade marks and copyrights, and are prepared to give expert legal opinions on each of these subjects. They are employed by many of the best manufacturing concerns of Iowa and the West and have in hand patent suits involving the interests of some of the greatest manufacturers of the United States. They are highly recommended and responsible in every particular. The Homestead, having known this firm for years and of their responsibility, does not hesitate to say that its readers may deal with them with perfect confidence. The value of a patent depends greatly upon the ability of the attorney who secures it and it is, therefore, to the interest of the inventor to have his work done by a firm whose experience in such matters places it in a position to give the applicant the fullest protection. For any information concerning patents, address Messrs. Orwig & Lane, Des Moines, Iowa. See advertisement on page 4.

#### HIGH-CLASS FUR ROBES AND CLOTHING.

"My husband has two more hides (Galloway) at your tannery. I want a long coat just like his, only a little smaller, with more shape in the back, and hurry up about it, too, as they are simply immense for comfort. Oh, yes, I want a high collar just as high as his, only fine fur, something soft, plain cuffs, wristlets in sleeves to keep the snow out, and two outside pockets. Hurry up!" This is a letter which Mr. W. W. Weaver, of Reading, Mich., one of the finest custom fur tanners in the country, received lately from one of his lady patrons. At present they have thousands of satisfied customers scattered over the United States. For fifteen years Mr. Weaver has been making some of the finest fur robes, coats and clothing that are to be obtained in the country. The Galloway coats, made from the hides of Galloway cattle, which are admired wherever seen, are made at this tannery. There is nothing warmer or more wind proof than one of these coats made from a whole hide. They wear a good deal longer than those which are made from smaller skins that need to be pieced many times to make a large coat. Besides the Galloway hides, there are hides of all colors received, which include horse hides, Jersey hides, Holstein, Angus, mule and calf skins. These hides are tanned to suit the taste of the purchaser and are given a gloss which is permanent.

It is surprising what beautiful clothing and robes can be made from this kind of skins. If you have any doubt about this assertion just try this company with some animal hide and have it made into a robe or some article of clothing. The quick time in which the work is done gives you still time to have this work done this winter. A full line of coat and robe linings are carried and samples will be mailed for the asking. Nothing but first-



class work is done by this tannery, still prices are moderate. Write to Mr. Weaver for circular describing the work which they put out. They also prepare and mount heads of deers, elks and other animals. On page 18 will be found their advertisement. When writing them kindly mention The Homestead.

#### BIG GUNS IN THE NAVY.

Some remarkable figures have been compiled on the armament of the great fleet of warships that President Roosevelt reviewed in the early fall at Oyster Bay. In this greatest American fleet ever assembled were 1,178 so-called "big guns."

In one minute they could hurt almost 400,000 pounds of death-dealing metal upon an enemy's ships. At a single broad-side, using the twelve and thirteen-inch guns alone, 55,000 pounds of metal could be poured into an opposing fleet were the conditions favorable.

Some 16,000 officers and men were "behind the guns" at this great naval review.

In marked contrast to this display are the hundreds of thousands of small rifles now in the hands of the younger American generation. Though the size of these firearms seems insignificant by comparison, yet these little rifles have their place in a boy's training just as do the big guns in the fitting of our men in the navy. Alertness, quickness of decision, keenness of eye and self-reliance all come from a boy's experience with a firearm.

The J. Stevens Arms & Tool Co., of Chicago, Falls, Mass., are doing much to encourage boys and girls in the use of firearms, both for returns in character and health building, for days spent in the open with a rifle or shotgun do make for stronger, better and healthier men and women.

The 140-page free catalog issued by this company contains much of interest to all lovers of firearms who are continuously seeking useful information on ammunition, sights, the proper care of firearms, etc. This interesting catalog is sent free to anyone sending four cents in stamps to cover postage. See advertisement on page 20.

#### McNeil Bros.' Sale.

Another successful Duroc Jersey sale has been held by Messrs. McNeil Bros., of Bowen,

# Where Can I Go TO BE CURED?

THAT QUESTION IS OF THE GREAT-EST IMPORTANCE TO ALL MEN AFFLICTED WITH BLOOD POISON, SKIN DISEASES, WEAKENED VITALITY, PROSTATE, URETHRAL DISORDERS, PELVIC DISEASES, PILES, KIDNEY AND BLADDER TROUBLES, VARICOCELE, HYDROCELE, ETC.

Careful thought and investigation is necessary. The result means much to the afflicted one. Either a life long misery, prolonged suffering, mentally and physically, if the proper treatment is not applied, or a positive, permanent cure from the right kind of treatment.

Every man who is afflicted seeks the latter goal, only a few attain it. The others fail principally because the physician treating them lacks experience with each case and fails to prescribe the right kind of treatment.

Perhaps you have had the experience or in doubt as to the best source of obtaining a cure. Let us help you decide.

We have had 20 years' experience in the treatment of these diseases. During that time, men everywhere placed themselves under our care and were cured quickly and permanently. Some after other

physicians and specialists had failed.

We want you to try our treatment no matter where you live, or how serious your afflictions are. If you can come to the office for a personal examination we will make it free of charge. If you cannot come to the office, write us a description of your case and we will give you our honest and frank opinion by mail, free of charge. We will tell you whether your case is curable or otherwise.

If in our opinion, your case is curable, we will prove it to you free of charge. We will give you at the office or send you by mail, a full month's treatment which you can use for fifteen days. This will prove that our treatment is right, that it is what you need to get well. We have demonstrated this to many men. Let us demonstrate it to you. It will cost you nothing if the fifteen days' trial proves unsatisfactory. Come and see us or write us today and get our

FREE BOOK!

telling all about men's diseases, their cause and cure and explain many other conditions that you should know.



**Drs. Fellows & Fellows Co.,**

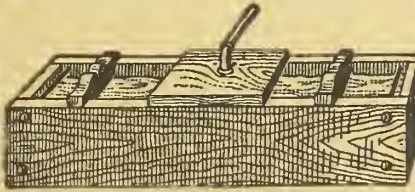
323 Rollins Bldg., 4th & Walnut Sts., Des Moines, Iowa



## The Only Hog and Sheep Waterer. SIMPLE. DURABLE. RELIABLE.

NOW when everything else is frozen solid, those who use the ONLY smile and know that the hogs have got all the water they want. Weather 40 below is just like summer with the ONLY. Write and ask us all about it. Enclose 10 cents for our booklet on hogs. —Write today—

THE ONLY MFG. CO., Hawarden, Iowa



Ill. These well-known breeders are deserving of good sales and the liberal patronage of Duroc breeders. They have invested their money liberally and have used excellent judgment in selecting their breeding stock. Until the fall of 1906 little was known of Messrs. McNeil Bros. as breeders of thoroughbred Durocs. They had for a number of years been engaged in breeding thoroughbred stock and had been breeding Durocs in a small way, constantly on the outlook for better individuality than in previous years. At the J. D. Nidlinger Duroc sale in 1905 these gentlemen secured the noted show and breeding boar, Hanley, at the long price in those days of \$315. Since that time, however, they have seen fit to pay \$1,000, the highest price yet paid for a Duroc boar at auction. In adding Hanley to their herd and two of his full sisters they secured one of the best boars of the breed. He has proven a breeder of unusual excellence and his produce have found ready sale. As high as \$2,000 has been tendered Messrs. McNeil for Hanley, but he could not be purchased for that money at the time the offer was made. On Thursday, January 17, 1907, Messrs. McNeil made an average of \$48.01, the highest average ever made in Illinois up to that time. On Thursday of last week they disposed of fifty head at an average of \$86.80. Messrs. Deal & Schweizer, of Elwood, Ill., represented by Mr. Fred Schweizer, topped the sale, paying \$700 for Minnie Advance, a daughter of the noted boar, Proud Advance. This sow is a litter mate to the sow which sold in the Fagan, Browning & McCabe sale last fall at the record price of \$500 for an open gilt, at which figure Mr. Ed A. Baxter, of Pawnee, Ill., was the purchaser. Minnie Advance was bred to Hanley and the cross which should result from this cross will no doubt be a profitable one. The contesting bidder was Mr. Melvin A. Krachel, representing the firm of Messrs. Krachel & Son, of Macon, Ill. There were several bidders up to the \$500 mark. Messrs. Manlove Bros. & Norris, of Bowen, Ill., secured a bargain in Lady Cross, a yearling sow bred to Buddy K. IV., at \$252.50. Mr. N. B. Cutler, of Carthage, Ill., secured the good brood sow, Sadie Mc., bred to Hanley, at \$200. What Messrs. McNeil have done others can do if they put forth the same effort to place the Duroc breed where it belongs. Colonel Reppert opened the sale and was assisted by Colonel C. C. Keil. List of sales given below:

Armlde Hanley 137828, one year, J. M. Ward, Warrensburg, Mo.	90.00
Fair Agnes 137838, two years, Al Fagan, Ripley, Ill.	62.50
Bowen's Lassie 137824, two years, G. L. Martin, Bowen, Ill.	35.00
Irene Clayton 32658, six years, H. B. Griffiths	102.50
Armlde Demisk 41928, five years, T. E. Laurie	82.50
Mabel Notcher 137818, one year, W. H. Todd, Manchester, Iowa	62.50
Miss Fruit 136208, three years, N. B. Cutler	80.00
Mabel Justice 117204, three years, Geo. W. Seckman, Ripley, Ill.	55.00
Sadie Mc. 102876, three years, N. B. Cutler	200.00
Golden Rod II. 136618, one year, Fred Krachel & Son, Macon, Ill.	80.00
Monolio Orion 117200, two years, Hastings Bros., Hamilton, Ill.	85.00
Minnie Advance 129764, two years, Deal & Schweizer, Elwood, Ill.	700.00
Daisy Mc. II. 117198, three years, Riggins & Rogers, Petersburg, Ill.	52.50
Golden Esther 139380, one year, John Schroterberger, Gardner, Ill.	50.00
Mabel Tip Top II. 137822, one year, Hastings Bros.	100.00
Miss Gold Bug 105410, three years, Geo. W. Trone, Rushville, Ill.	92.50
Conqueror Lady 137792, two years, J. M. & W. T. Gatton, Springfield, Ill.	117.50
Anna Good 105374, two years, A. H. Heaton, Hillsboro, Ill.	52.50
Florence M. 137810, one year, Seckman & Allen, Ripley, Ill.	60.00
Lady Lucile 137814, one year, W. H. Todd	67.50
Pawnee Roland 137794, one year, Deal & Schweizer	45.00
No. 34, one year, S. R. McAnulty, Golden, Ill.	47.50
Jessie Bartlett 43226, five years, G. W. Baker, Pawnee, Ill.	40.00
Jessie Hanley 137796, one year, A. H. Heaton, Hillsboro, Iowa	45.00
Eulalie Hanley 137846, one year, Cerwinsky Bros., Rockford, Iowa	40.00
Bell I Am 139372, one year, Hastings Bros.	55.00
Savannah Girl 137800, one year, T. E. Laurie	107.50
Dorothy H. 137830, one year, W. H. Todd	57.50
Lady Cross 113164, two years, Manlove Bros. & Norris, Bowen, Ill.	252.50
Lady Orion R. 139374, one year, J. S. Moore & Son, Wadina, Iowa	40.00
Queen Ann III. 117196, three years, H. B. Griffiths	125.00
Lillian Russell 105332, three years, J. M. Ward, Warrensburg, Mo.	155.00
Helen L. 137812, two years, Taylor & Son, Kokomo, Ind.	75.00
Red Girl 137826, two years, A. P. Cleland, Macy, Ind.	42.50
Decatur Belle IV. 105406n 29534a, six years, Jas. J. McCabe, Hersman, Ill.	115.00
Red Sallie III. 126876, one year, J. G. Reil, Ferris, Ill.	67.50
Extra, Hastings Bros.	35.00
Extra, J. S. Teale, Lamoni, Iowa	42.50
Extra, G. L. Martin	42.50

# LIFELONG CURES BY A TRUE SPECIALIST



Dr. Boyd's Pelvic methods are your greatest hope for a complete cure, if you are afflicted with either BLOOD POISON, SKIN DISEASES, SORES, ULCERS, STRICTURE, VARICOCELE, HYDROCELE, NERVOUS DECLINE, PILES, FISTULA or any affection of the Kidneys, Bladder and Prostate. You are wasting money and endangering your health in treating with ordinary specialists. My systems of treatment have established their reliability by permanently curing cases that had been unsuccessfully treated by dozens of other physicians.

A SAFE CURE is what I will give you beyond doubt if your case is curable; if not, I will not accept your money and promise to do anything for you. The best reference I could give as to professional reliability is the many cured, satisfied patients I dismiss, and prove that my Pelvic Methods cure when others fail to even benefit.

Guarantee to Refund Money—No Chance to Lose if You Do Not Get Value Received.—My patients receive a written agreement that I

shall return what they pay me for services if they do not receive a complete, permanent and satisfactory cure, and my guarantees are secured by a deposit of \$500 in the Century Savings Bank of Des Moines, Iowa. Consultation Free, Confidential and Invited, both at my office and by correspondence. My charges are reasonable, and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, 9 a. m. to 8 p. m. Sundays, 10 to 1. Address or call on

**J. BOYD, M. D.,** 505 Locust Street, Marquand Block, Corner Fifth and Locust Streets, - - - DES MOINES, IOWA



## IN AND AROUND WISCONSIN.

In order to help the congested freight car conditions in different sections of Wisconsin the North-Western road ordered seventy bunk cars, used for construction work, prepared for service as coal cars and placed on trains going into the Illinois coal fields. Several condemned cars are also being fitted up for temporary use.

Some very large beds of kaolin exist along the banks of the Ontonagon river, Michigan. Kaolin is the true China clay used for the making of finest porcelain and pottery. Ohio and Illinois pottery makers have recently made a contract for 1,500 tons of this material from the Michigan beds.

Followers of the Norwegian Ski game have planned a tournament to take place on Hessler Hill, near Cameron, Wis., January 29th. Excursion rates will be secured and plans are being made to award prizes for the long-standing jump and the twin jump.

Passes have recently been issued by two roads in North Dakota to members of the legislature, as well as to others in the state. In order to evade effectually the federal law the following provision is printed on each annual: "This is only good for a trip wholly within this state. It cannot be used for any portion of an interstate trip, nor can baggage be checked or sleeping car reservation be made for an interstate trip."

Four saw mills have started up business at Marinette and Menomonie. The Sawyer-Goodman Co. is shipping its logs by rail, while the Langam-Ryan Co. is also securing its logs in the same way. Last week a shingle mill was again started in Menomonie after being shut down for a month on account of lack of timber.

Extensive preparations are being made in Gates county by stockmen for the purpose of carrying on a large ranching business. Seven concerns are interested and the smallest one holds 4,000 acres, while the largest holds 10,000. Some of the firms are from Chicago, and ranching with sheep has proven so successful in the past that many sheds are now being erected for winter use. This gives the business a permanent aspect.

One of the largest land deals in the northern part of the state has recently been made a part of the public record. Deeds conveying nearly 50,000 acres of Bayfield county land have been received in the office of the register of deeds. All deeds run to the American Immigration Company, which is a sort of holding company, and the consideration named is a low one. Enormous tracts of land will be placed upon the market for settlement and roads and other public improvements will be made where needed to assist the settlers in building their homes.

At Jefferson, this state, Mr. and Mrs. J. A. Purner recently celebrated the sixty-first anniversary of their wedding. They were married in Germany on New Year's day, 1846, and have lived in Jefferson since 1853. The couple have four sons, five daughters and forty grandchildren. Mr. Purner is a noted musician.

At a mass meeting of 300 farmers addressed by Professor Humphrey of the University department of animal husbandry, the Barron County Holstein Breeders' Association was formed and the Holstein adopted as a uniform breed of cattle for the county.

A rich man who is born of poor but honest parents often receives a better heritage than he leaves.

## Bonewell &amp; Duffus Short-horn Sale.

The sale of Short-horns held at Grinnell, Iowa, January 16th, under the management of Messrs. James Duffus & George Bonewell, was well attended. The crowd was with one or two exceptions local. Mr. W. C. McLemore, of Kearney, Neb., was one of the best bidders and buyers. The seating capacity of the tent was not adequate by at least 150. It was hard for Col. George P. Bellows to maintain order. It was a difficult task to control such a large and uncomfortable crowd. Bulls were in active demand and sold readily, including young bull calves that were cataloged with, but sold separate from, their dams. J. B. Birbel, John Nichols and D. C. Sleggel were the other consignors. Many of the cattle were entirely too thin for the sale rings. Mr. F. A. Edwards, of Webster City, Iowa, purchased the top female of the sale in Merrimont 2d at \$210. Nyce Bros., of Marshalltown, Iowa, secured Victor Royal, Mr.

## LANDS AND HOMES FOR SALE

## FARMERS AND FARM RENTERS READ THIS.

OUR COMPANY own thousands of acres of land in the famous RED RIVER VALLEY of NORTH DAKOTA, and large holdings in cheaper lands in Western North Dakota; selling on most liberal terms ever offered. Come and buy direct of us, the real owners of the land. Write to-day for our illustrated Land Book with full particulars.

J. B. Streeter, Jr., Company, Investment Bankers.  
Capital and Surplus, \$250,000.00.  
LARAMORE, - - - - - NORTH DAKOTA.

## A FARM BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES, 4 1/2 miles from Osage City, Kan.; 45 acres in cultivation, 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; 140 acres of this farm can be cultivated, balance is a little broken and has some stones, but is the very best of pasture; hay land is all smooth and would make a fine field. Soil is a black, sandy loam of the very best quality, no bad ground on place; 5 room house in good condition, barn for 8 horses, with lofty cow barn, cattle shed, buggy shed, corn crib, hen house; plenty of good water; nice grove around house; 1 1/2 miles to school. Fine location on main traveled road. This is one of the best all-around farms in Osage Co., Kan. No trades considered. One-half cash, balance on time. Price \$40 per acre. Send for our list of Osage Co., Kan., farms for sale.

Olander & Rapp, Osage City, Kan.

## 5 FREE BOOKLETS. FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

California Farmland Company,  
58 GROSSE BLDG., LOS ANGELES, CAL.

## BIGGEST BARGAINS EVER KNOWN

IN SOUTHWEST MISSOURI  
NEAR ELDORADO SPRINGS, CEDAR CO., MO.  
40 Acres, \$20.00, nice little home.  
800 Acres, \$20.00, stock farm.  
600 Acres, \$20.00, grain and stock farm.  
280 Acres, \$20.00, grain farm.  
240 Acres, \$20.00, grain farm.  
80 Acres, \$20.00, new improvements.  
155 Acres, \$20.00, grain and stock farm.  
140 Acres, \$20.00, grain farm.  
320 Acres, \$20.00, grain farm.  
All these farms are improved. Terms, 1/2 cash, balance on or before five years, 6% interest. I own these farms and must sell.  
GEO. H. GALLUP, 1420 Grand Ave., Kansas City, Mo.

## You Don't Have To

DEPEND ON Providence alone in farming in Colorado. Ever read of wonderful results from "dry farming"? You don't have to pray for rain. Record crops. We have dry or irrigated lands, farms and garden tracts. Come to sunny Colorado. Write for our list. Address,

THE PATRICK INVESTMENT CO.  
456 Empire Bldg., - - - - - Denver, Colo.

## OWN A FARM IN CUBA.

IT will produce more than fifteen times as much as a farm in the North, because the growing season in Cuba is 365 days long. We guarantee you a clear and absolute title to the finest plantation on the island, which we are selling in small tracts at a price which makes it easy for you to own a profitable farm in Cuba. Transportation facilities the best. Only a short haul to New York markets. Write at once for descriptive booklet, prices, terms, cheap rates, etc. TURIGUANO LAND CO., Majestic Building, Chicago, Ill.

## LET ME SELL YOUR FARM, HOME OR BUSINESS

for cash in the shortest possible time. We absolutely guarantee to place the description of your property in the hands of 5,000 reliable hustling real estate men and bankers throughout the United States. Write us today.

THE REAL ESTATE SALESMAN  
412 Brace Block. LINCOLN, NEB.

## IMPROVED FARM FOR SALE

120 ACRES, good buildings, five miles from Charles City, schoolhouse on farm; also 10 acres adjoining Charles City, with good buildings. For particulars call on or write to

WM. NOLTERIEKE, or NOLTERIEKE BROS.,  
Charles City, Iowa or Greene, Iowa

## OLD VIRGINIA FARMS

Good Lands Low Prices, Mild Climate. Free Illustrated Catalog. Largest list Farms in State. This is the country for the Northern Farmer. We want to hear from every man who desires to better his condition. Casselman & Co., Richmond, Va.  
Laurence Casselman, Former Auditor McLean County, N.D.

## Bargains in Nodaway County Farms

\$50 TO \$100 PER ACRE. BEST of coal and mineral lands in other sections of Missouri for sale. Write for list and prices.

BINGAMAN, BOLIN & JOHNSTON,  
Rooms 5 and 6 Roseberry Bldg., - - - - - Maryville, Mo.

## FOR SALE OR RENT:

Good improved 300 acre farm in Mercer county, Missouri; good 245 acre farm in Henry county, Missouri. Might take part in other property. Send for pictures and description, Box 151, Independence, Iowa.

## SHEEP FARM FOR SALE.

240 acres situated five miles west of Chariton, the county seat, and four miles east of Lucas, a coal mining town, in Lucas county Iowa. This farm is all newly fenced, sheep and hog tight, with 26 inch American wire at bottom, and three barbed wires above, with good oak posts 16 feet apart. This farm is principally all rolling land, with 50 or 60 acres of bottom land. It is all fenced in 40-acre fields (3 wires) with living water on each 40; comfortable house, good cistern at door; barn 30x60; new cattle shed 93 feet long; good granary and corn cribs under shingle roof; good chicken house, lots, etc. About 90 acres in blue grass and timber pasture. About forty acres in corn this year. Balance in timothy and clover, principally clover. Some fruit, good garden and strawberry bed. I offer this farm for \$45 per acre, coal right included. Terms reasonable. Address all communications to W. S. LONG, owner, Chariton, Iowa R. F. D. No. 7.

## WILL SAVE YOU \$1.00 PER ACRE ON COLORADO DRY LANDS.

THEY will double in value in the next six months. Have some of the best bargains ever offered in the state. Also have a fine list of improved farms. Write for list; it is free.

ANDREW & PALMER,  
308 McPhee Building,  
Denver, - - - - - Colorado

## FOR SALE

MY fine farm of 480 acres, located in Buffalo county, near one of the finest farms in the state. Price, \$80 per acre. Half cash. This price good 'till February 15 only. Address the owner, W. H. Grassmeyer, Riverdale, Neb.

## 320 ACRES

RICH Kansas wheat, corn and alfalfa land, 5 miles from good railroad town. Fine water. Nothing better in the market today. If you want the best this will suit you. Price, \$15.00 per acre. Easy terms. Howell Realty Company, 310 Shubert Building, Kansas City, Missouri.

## FARM BARGAIN.

560 ACRES in Union Co., Iowa, nearly all in meadow and pasture. Am bound to sell. If I can't get my price, I'll take yours. Write for full particulars. S. S. SPANGLER, - - - - - Milan, Mo.

## MISSOURI BARGAIN.

193 acre grain and stock farm within one mile of Macon, a town of 8,000. Good improvements; will be sold at a bargain before February 1st. Long time given and easy terms. Write W. P. & P. A. Blackford, Hillsboro, Iowa.

## FOR SALE OR EXCHANGE:

240-acre eastern Texas peach and pear orchard, 2 miles of good growing city of 18,000 population. Owner will sell on easy terms or exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

## IF YOU WANT TO BUY,

sell or trade a farm send 10 cents for a copy of the Farmers Want Journal, Dept. 51, Kansas City, Mo. It gives names of owner and description of 500 to 1,000 farms for sale and trade and what others want to buy.

## Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free. RAZEL J. MEEK, Chillicothe, Missouri.

## Virginia Farms and Homes.

FREE CATALOG of Splendid Bargains. R. B. CHAFFIN & CO., Inc., Richmond, Va.

IOWA FARMS. Send for our new illustrated list of improved Iowa farms. Is the finest list we have ever issued and gives full descriptions with good pictures of improvements, with map. Northern Iowa Land Co., Independence, Ia.

## TO EXCHANGE:

TWO registered draft and one standard bred stallion and 50 head registered Polled Angus cattle. Will exchange, separate or together for land or city property. Address, Box 148, Independence, Iowa.

GOOD farming and grazing land in Lincoln county, Nebraska, \$3.00 to \$25.00 per acre. For land lists and full particulars, address Buchanan & Patterson, Land and Immigration Agents, U. P. R. B., North Platte, Neb.

FOUR SALE—Improved quarter section, one of the best in South Dakota. Close to market. Write owner, R. B. Scholley, Bemis, S. D.

WHITE J. H. McCOWN, Emporia, Kan., for special bargain list, farms and ranches.

3 REASONS WHY YOU SHOULD BUY SOUTH DAKOTA LANDS OF THE BIG SIOUX VALLEY LAND CO. SIOUX FALLS, S. D.

1st. S. E. part of our state is in the great fertile Mississippi Valley. Formation of soil is the same as that of Iowa and Illinois, black vegetable mould to a depth of 24 to 36 in., with a porous clay sub-soil. We sell good land cheap, \$25 to \$50 per acre according to location and improvements.

2d. We have the same climatic conditions and rain fall, as Northern Iowa and Illinois, where land that does not produce any more corn per acre, sells at \$75 to \$125. per acre. South Dakota's acreage to corn in 1906, was 1,978,466 acres; production was 77,414,351 bushels; average production of the state, 36.7 bu. per acre.

3d. Our Agency covers the 16 S. E. counties of the State, which produce over 80 per cent. of the State's corn crop. We are prepared to show you actual production values, as our lands are time-tried and crop-tested, proving its ability to produce abundantly: *Corn, Oats, Red Clover, Alfalfa, Blue Grass and Timothy*. The crops essential to mature the great American Steer.

Write to-day for list and descriptive literature, BIG SIOUX VALLEY LAND CO. (Inc.) Ramsey Bldg., Sioux Falls, So. Dak.

## TEXAS LANDS.

LARGE and small tracts in all parts of Texas for sale; write to us for what you want. We have a large tract of land in a solid body in Knox county, Texas, of 150,000 acres; an excellent proposition for a colony; cheap. Two large tracts in La Salle county, Texas, close to railroad; about 180,000 acres in the two tracts. Price \$5.50 per acre; terms to suit. Panhandle district, 19 sections near Amarillo, Texas; \$8 per acre; all smooth plains land; 95 per cent can be plowed with steam plow. 18,000 acres near Canadian; takes in part of the town; 2,000 in cultivation; the cheapest land in Texas. 26,000 at Glazier, Texas, on railroad. 21 sections at Panhandle City, 1,000 acres in cultivation; produced 36 bushels wheat to the acre last year; 300 acres in wheat this year; this is the finest body of land in Texas for sale. We can sell land in any quantities you want and near railroad. Write us before buying.

BOYER, PETERSON & CO.,  
100-10 Gumbel Bldg., Kansas City, Mo.

## SOUTHEASTERN KANSAS FARM.

I WILL sell at a bargain and on easy terms, my 400-acre farm in southeastern Kansas. All smooth land, good 6-room frame house, large barn, outbuildings, orchard, well fenced, abundance of pure well water. One-half mile to school, 2 1/2 miles to railway station, 7 1/2 miles to city of 15,000 population. Possession given March 1st, if sold before February 15th. Also 120-acre farm in same neighborhood. Address,

J. R. CARPENTER, Owner,  
210 Fifth St., - - - - - Des Moines, Iowa

## Get the Best While You Can.

There is Only One Crop of Land.

WE own and control 300,000 acres in the West and South at popular prices. We also represent the Farwell Estate and Security Trust Co. Lands in the Panhandle of Texas at \$3.00 to \$12. Special Car, Free Sleeper and Low Rates, Feb. 6th.

WESTERN LAND COMPANY,  
Des Moines, - - - - - Iowa

Bonewell's herd bull at the bargain counter price of \$240. Only seven females reached the \$100 mark, while it was reached nine times on the sixteen bulls sold. We report all sales of \$100 and over with buyer's names and address:

FEMALES.  
Merriment Second, five years, sire Imp. Red Light, F. A. Edwards, Webster City, Iowa ..... \$210  
Lady Annie 18th, two years, sire Victoria's Count, Wm. Smiley, Malcom, Iowa ..... 120  
Lady Bruce 10th, five years, sire Prince Mysie, and c. c. H. D. Parsons, Newton, Iowa ..... 150  
Linn Grove Beauty 2d, three years, sire Gwendoline's King, and b. c. A. A. Foster, Grinnell, Iowa ..... 110  
Lily Victor, three years, sire Royal Victor 2d, H. M. Gray, Grinnell, Iowa ..... 100  
Victor Belle, three years, sire Royal Victor 2d, same ..... 125  
Iniscara, six years, sire Dewey Duke, and b. c. Lewis Bros., Marshalltown, Iowa ..... 110  
Bessie 13th, seven years, sire Grand Duke of Enterprise, and c. c. H. M. Bray ..... 110  
Irene, eight years, sire Admiral Dewey, and h. c. W. C. McLemore, Kearney, Neb. .... 100

MALES.  
Prince Victor, two years, sire Victor Royal, W. C. McLemore ..... 200  
Victor Bearer, two years, sire Victor Royal, H. M. Bray ..... 100  
Diamond's Fancy, one year, sire Fancy's Pride, L. M. Smith, Grinnell, Iowa ..... 135  
Victor Royal, four years, sire Royal Rosewood, Nyce Bros., Marshalltown, Iowa ..... 240  
Royal Victor 2d, five years, sire Victor Boy, C. A. White, Montezuma, Ia. .... 105  
Bull calf, sire Victor Royal, Warder Mershon, Newton, Iowa ..... 100  
General Victor, eight months, sire Victor Royal, W. P. Arthur, Montezuma, Iowa ..... 200  
Fancy's Choice, two years, sire Imp Fancy's Pride, C. J. C. Cole, Tama, Iowa ..... 100  
Bull calf, eight months, sire Victor Royal, W. Shea, Ottumwa, Iowa ..... 100

SUMMARY.  
16 bulls ..... 1,780.00; average... 111.50  
48 females ..... \$3,748.50; average... \$ 78.10  
64 head ..... 5,528.50; average... 86.30



# LANDS AND HOMES FOR SALE

## Raise Crops That Pay From \$35 to \$125 Per Acre on Land That Costs \$40 to \$75

This is what the farmers in the Great Arkansas Valley in Western Kansas are doing today in that wonderful Alfalfa and Sugar Beet Country, and you can do the same. But remember, this land will not sell at this price always. It's only a matter of a short time till it will be \$300 to \$500 per acre.

### Profitable Crops in the Arkansas Valley.

The rich alluvial soil of the Arkansas valley will raise many crops in abundance. Alfalfa which is the best feed for stock that has ever been known. Farmers harvest four crops a year here to say nothing of seed. The usual yield is about 2½ tons per acre each cutting, and sells for \$4.50 to \$5.00 per ton. In addition to the hay the seed yields about seven bushels per acre and sells for \$8.00 to \$10 per bushel. This certainly beats raising corn or oats. Sugar beets are a very easy crop to handle and pay from \$40 to \$75 per acre on this irrigated land. Then there is no question about a market, as the million dollar Beet Sugar factory at Garden City, contracts to take all the beets farmers raise at \$5.00 per ton. You just know just what you will get for your crop. And you know you will have a crop on this irrigated land. There is no guess work about it. A crop of Cantaloupes will bring from \$100 to \$125 per acre. Other crops which do well in the Arkansas valley are wheat, corn, barley, wild hay, sorghum, flax, oats, potatoes, watermelons, prunes and small fruits of all kinds.

### Buy Now--Prices Low--Terms Easy.

If you want to buy land while the price is low come now. We make very easy terms. Some cash, balance in three to five years. This land is a bargain at the prices we offer it--\$40 to \$75 per acre--and will make money either for the farmer or investor. The value alone will make you more than the crops on land in other sections.



Private Dining and Sleeping Cars operated by the Great Western Land Company, from Chicago, Kansas City and intermediate points to Garden City, Kansas.

### Facts About the Arkansas Valley.

**Water:**—The average rainfall in the Arkansas Valley for the past twenty years has been twenty inches and there is plenty of water for irrigating. Good, pure drinking water can be had at from 15 to 50 feet. **Climate:**—The climate of the Arkansas Valley is very healthful. The air is dry and pure. The days are sometimes warm in summer but the nights are always cool. The winter seasons are mild and usually there is very little snow, and owing to the even temperature there is very little sickness, such as pneumonia, etc.

**Garden City:**—This is one of the coming towns of the great Southwest. You will find here, as well as in the country adjacent, excellent school and splendid churches. In fact, Garden City, has all the advantages that any Eastern town has, and in fact better population considered.

**A Stock Country:**—We have one of the best stock countries in the West. The mild winters, abundance of cheap feeds, such as Alfalfa and best pulp makes this an ideal locality for the man who raises horses, mules, cattle or hogs.

**Land Advancing:**—We cannot lay too much stress on the fact that land in the Arkansas Valley is very cheap and is advancing in price. The Great Western Land Company controls all the land we are offering and as we bought months ago we are selling at bottom prices. This land will advance 50 per cent in six months.

Alfalfa pays from \$40 to \$75 per acre, and sugar beets from \$50 to \$90, cantaloupes about \$125. The Great Western Land Company has 30,000 acres of this RICH ARKANSAS VALLEY ALFALFA AND SUGAR BEET LAND to sell, and it's going fast. Go with us in our own private dining and sleeping cars on the next excursion date, February 5th, from Iowa, Illinois and eastern points, and February 6th from Kansas City, and view this land from our automobiles. See the Million Dollar Beet Sugar Factory at Garden City. Our land is near there.

## The Same Land We Are Selling For \$40 to \$75 Sells From \$300 Up In Colorado.

Get some land for the boys and girls where prices are low and crops pay big. Then they only need a small farm. GET IT NOW.

We can use Live Agents—Write us. Write today for literature about the Arkansas Valley and Map of Kansas FREE.

## The GREAT WESTERN LAND CO.

1048 Union Ave., Kansas City, Mo.

WESTERN OFFICE: GARDEN CITY, KANSAS.

Don't take our word for these statements. Go see for yourself. That's the way to prove it. But don't wait. These prices won't last always.

The following are the names and addresses of some of our agents who can tell you about the Great Arkansas Valley.

**Missouri:**—Cowell & Shacklett, Memphis; J. S. Goddard, Cowgill; J. W. Howard, Queen City; D. F. Hall, Downing; C. B. Harris, Harris; Ben H. Kite, Braymer; F. M. Kern, Excelsior Springs; O. E. Mankoff, Memphis; J. C. McCray, Cowgill; Wiley Miller, Ludlow; D. B. Reesman, LaPlata; O'Brian, Roberts & O'Brian, Lancaster; J. E. Niccolls, Kansas City, 2745 Holmes St., General Agent; Karl M. Blanchard, Chillicothe. **Iowa:**—T. H. Earhart, Clarinda; Harkins, McCormick & Duke, Hedrick; Tedrow & Richards, Corydon; Payne & Bradley, Gravity; John A. King, Shenandoah. **Illinois:**—D. C. Pfoutz, Lanark. **O. G. Jones, Shenandoah, Iowa, General Agent; J. W. Hope, General Agent, Birmingham, Iowa.**

### FOR SALE.

A "JO DANDY" farm, as good as there is in the state of Iowa; located in Keenebeck Township in Monona County, five miles from Onawa, the county seat, two from Turin, both good railroad towns. Good farm house, about six rooms, brick foundation, cement cellar; large barn, nearly new, with brick foundation; ample cribs, bins, sheds, hay scales, good wells, windmill, etc. All buildings well painted and in good condition; the soil is a very rich and dark loam, no rocks, no sand, lies nearly level, and is easily worked. About 300 acres are under cultivation, and except 15 acres in good timber along the Little Sioux river on west boundary line, the remainder is splendid land; all told there are 587 acres. For stock or grain the farm has no superior. It is well fenced and will sub-divide nicely. Will sell 300 acres, including the improvements, at \$75 per acre. On balance of the tract, 287 acres, partly cultivated and partly raw land, will make fair price. Terms reasonable. Photographs of the buildings sent on request. Address the owner.

Z. T. LINDSEY, Omaha, Neb.

### WANTED

"OUT THEY GO" AGENTS  
To go to southwestern North Dakota to see our 80,000 acres of land at \$17 an acre yielding yearly as much. Free fuel; no shortage of coal in southwestern North Dakota, the land of sunshine and big crops. You should go out and talk with our satisfied farmers. Reliable agents with business initiative, sense and hustle and keen, intelligent, up-to-date farmers wanted to sell our lands. Two new railroad buildings, maps and facts for the asking. Wm. H. Brown Co., Mandan, N. Dak. or 131 La Salle St., Chicago, Ill.

## Want A Farm-Home?

NOW is the time to get it. Investigate Meadowlands Settlement, 45 miles from Duluth, in Saint Louis county, Minn. Prices right. Terms, \$1 per acre down and balance in fifteen years' time. Good soil, water, etc. Railroad. For full information write Land Commissioner D. & J. R. R. Co., 525 Wolvin Bldg., Duluth, Minn.

## WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

Homeowner, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Mende, Kansas.

## GET A HOME In The Big Bend Country

The word "Home" means much to us all. The man who rents has not the spirit of freedom or the comfortable "settled" feeling of the man who OWNS. The Big Bend country of Eastern Washington is the place of

### PROSPERITY AND PLENTY.

Wonderfully productive soil insures large crops of fruits, grains and vegetables. No wind or electrical storms. Superior advantages to the man who wants a HOME. Church, school and other associations well developed. Come out and see this unexcelled country. Railroad fare refunded to purchasers. Send for illustrated booklet and other information.

Dept. 1. THE BIG BEND LAND COMPANY, Wilbur, Washington.

## Great Bargain CHOICE TEXAS RANCH

IN THE Famous Gulf Coast Country

## 2712 acres of the richest black sandy loam LEVEL TABLELAND, 10 miles from good town and railroad. This ranch has 2 miles river front on the beautiful Nueces River, (land not subject to over-flow), and consists of the highest grade of Agricultural and grass land, 90% tillable. It is covered with a park-like growth of valuable large mesquite trees; very little underbrush; 50 acres in high state of cultivation; good two-story dwelling, large barns, fine wells, windmills, outhouses, cattle pens, etc. Irrigation is not necessary; sufficient rainfall for all crops. Crops in value from \$50.00 to \$300.00 per acre have been raised for years in this neighborhood. Extensive irrigation plant can be cheaply installed on river. This is an absolutely ideal garden, farm and stock farm proposition in the healthiest climate. PRICE \$20.00 PER ACRE. This will be sold quick.

FALFURRIAS IMMIGRATION CO., No. 3, West 10th Street, Kansas City, Missouri

FARMS FOR RENT: Send for our list of Iowa, Missouri, Kansas, Minnesota and Wisconsin farms. Cash or grain rent. Northern Iowa Land Co., Independence, Iowa.

IOWA FARMS FOR SALE: Write for printed list. Always have a bargain to offer. J. J. Lynch, Laurens, Iowa.

## Gulf Coast Texas

Offers greater opportunities to the farmer, homeseeker and investor in land than any other place in the world today. We own and control 1,000,000 acres in the gulf coast country, which we will sell in tracts to suit everybody, from the fruit or truck farmer, who wants 5 to 10 acres or up, the home seeker, a quarter section or section, to the investor or syndicate, who wants up to 100,000 acres. Prices, \$1.50 to \$35 per acre, according to size of tract and location. This land is all fine, black loam, from 2 to 5 feet deep. Clay subsoil. No brush. Ample rainfall. No irrigation necessary. Fine water in wells, 25 to 250 feet deep. Sufficient elevation to assure a fine atmosphere, cool, refreshing breezes, all within one to ten miles of railroads, and within 30 to 100 miles of ocean transportation. Healthful climate and fine neighbors. Profits of \$50 to \$600 per acre annually can be made, according to crop grown. Corn, oats, alfalfa, rice, cotton, sugar cane, oranges, figs, all kinds of garden truck. Some crop every month in the year. Call or write for our book, "Truth About Texas," and state map, free. Excursions from all points, first and third Tuesdays of each month. Come and see. Buy from owners and save commission. Easy terms.

PICKERT-HAMMOND LAND COMPANY, Opposite Grand Central Station, Houston, Texas.

## LAND BARGAINS

Next excursion Feb. 5. You can buy land in our Locksburg colony, near Locksburg, Sevier county, Arkansas, at \$1 to \$6 per acre that will rent for one-fourth to one-half the cost each year; write us for free pamphlet and map. E. N. Brown, president Kansas City Southern Land and Immigration Co., Room 708, Beals Bldg., Kansas City, Mo.

FARMS FOR RENT AND SALE on crop payments. J. MULHALL, Sioux City, Iowa.

## The CANADIAN West is The Best WEST

THE testimony of tens of thousands during the past year is that the Canadian West is the best West. Year by year the agricultural returns have increased in volume and value and still the Canadian Government offers 160 acres free to every bona fide settler.

**GREAT ADVANTAGES**  
The phenomenal increase in railway mileage—main lines and branches—has put almost every portion of the country within easy reach of churches, schools, markets, cheap fuel and every modern convenience. The ninety million bushel wheat crop of this year means \$1,000,000 to the farmers of Western Canada, apart from the results of other grains as well as from cattle.

For literature and information address Superintendent of Immigration Ottawa, Canada, or the authorized Canadian Government Agent, W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 815 Jackson St., St. Paul, Minn.

## YOU CAN HANDLE THIS 120-Acre Wood River Valley Farm

Five and One-half Miles N. E. from Gibbon.

GOOD house and barn, double corn crib and granary, chicken house, hog house and other improvements. Buildings surrounded by good grove of ash and elm trees. Price \$55 per acre. Write today for a full description and plat of farm.

L. P. SARGENT, Gibbon, Neb.

## IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

THE ALLEN LAND & LOAN COMPANY, Laurens, Iowa

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.



# This Woman Makes \$50,000

Started a Few Years Ago with No Capital, and Now Employs Nearly One Hundred Clerks and Stenographers.

One of the most successful women in the United States is Mrs. Cora B. Miller, of Indiana. Several years ago she learned of a simple, harmless medicine for women. Little did Mrs. Miller think then that this wonderful preparation would be the means of making her wealthy. After curing herself and many of her friends, she had numerous calls for treatment, and knowing that eight of every ten women suffer with female diseases and piles, she decided to make the preparation in larger quantities and to furnish all who might call for it.

She started with only a few dollars' capital, and business grew so rapidly that she soon found her small cottage of six rooms did not afford ample room to live in and also conduct her business, so she rented a building down town. Business continued to grow until she was compelled to seek larger quarters several times, and now occupies one of the city's largest office buildings, which she owns. She also owns her home, a large palatial brown-stone residence, which is considered one of the finest in the state. Her profits last year exceeded \$50,000.00.

A few months ago Mrs. Miller decided to give away \$10,000.00 worth of medicine to women who have never used her treatment, and this she has done, but hundreds of letters are still being received daily from women needing treatment, and Mrs. Miller has decided to continue the offer for a while longer, at least.

Every woman suffering with pains in the head, back and bowels, bearing-down feelings, nervousness, creeping sensations up the spine, melancholy, desire to cry, hot flashes, weariness, or piles from any cause, should sit right down and send her name and address to Mrs. Cora B. Miller, Box 3386, Kokomo, Ind., and receive by mail (free of charge in plain wrapper) a 50-cent box of her marvelous remedy; also her valuable book, which every woman should have.

Thousands of suffering women are taking advantage of this generous offer, and it may be that Mrs. Miller will find it necessary in a short time to withdraw it. Therefore, if you suffer with female diseases or piles, you should send your name and address to her today, and receive the book and medicine before the offer is withdrawn.

## ECHOES FROM A KANSAS FARM.

The weather prophets have discovered that Easter comes in March this year. This means, by their way of figuring, that we will have an early spring. Let's wait and see.

It does not look reasonable to us that any date set by man, as is Easter, can have much of an effect on the weather or the seasons. Still, when we set a day to butcher, it most always storms.

Winter moving is getting to be the fashion among the renters. When the weather is good, it is a good scheme, as moving after March first often starts a fellow behind with his work, especially down here in Kansas. We often start the corn planter the first week in April.

We believe in early planting of corn, the earlier the better, as soon as the weather becomes at all seasonable. In the eleven years we have been growing corn in Kansas, not once have we had to replant the earlier planted fields, but several times that planted later on has had to be replanted. We believe in the theory that hot, moist ground rots corn quicker than ground just a little too cool for quick growing.

Don't get fooled into believing that you must have your corn exactly right to plant it successfully with an edge-drop planter. In some way, the tale has got out that an edge-drop planter is no good unless you have carefully graded seed corn. Ours will plant any kind of seed that the old style planter will, and much more accurately.

The seed companies are sending catalogs thick and fast these days. With most of them comes a sample of some of their seed, usually corn. We were sent a sample of corn yesterday, about which a great blow was made. Twelve kernels were sent, five of which we would consider imperfect shape, and we are not "cranky" about seed corn, either. If that is a fair sample of the corn sold, we could get as good by shoveling right from our cribs into a power sheller, then taking it as it came from the wagons.

Where a man is brought up makes a great difference with his preference of country. We recently have had a letter from a gentleman who hails from the Ozark country of Missouri. He recently made a trip into Kansas to buy a thoroughbred horse. He objected to our level country, and sticky, black soil, which, as he expressed it, made bad roads. He praised his native section by describing it as a place of clear, swift running streams and natural macadam roads. A man who has been raised among hills always has a liking for hills, while the prairie born shies from the slope that he characterizes as "taking four horses to haul the kids to school."

There seems to be two types of speltz, one you sow in the fall and one in the spring. Here we have been raising only the spring sown kind. A friend of ours, in Minnesota, writes that the winter speltz is much the better. It is beardless, so we understand, while that which we raise is exactly the opposite of beardless. It is claimed that the winter speltz makes better horse feed than oats, but we doubt it.

This is one of those days when you don't know what to do—whether to go out in the fine mist and frost that's falling and haul in two or three days' ration of feed for the stock, or wait

and trust to better weather. Usually, when a person hauls feed for feeding ahead, he does it at the worst of the storm. We once had a neighbor who seemed to have an antipathy for doing his work during the worst of the storm. By the time he would get his last load in, the clouds would invariably break away, the sun would come out, and there would be no more threatening weather until his supply was nearly gone.

In one respect Kansas has every reason to be ashamed. With every other western state holding a fair each fall, which serves as an educator and advertiser for the whole state, Kansas sits back and looks on, apparently contented with the several shows she has scattered over the state. Bring these together as one, and Kansas would no longer need be ashamed and we hope the legislature we have this winter will do something looking to this end. We must have a little state help at the start, but after that the Kansas spirit of being able to take care of itself, will assert itself.

One of our friends, a man who has been unfortunate in the past few years, while all around him have prospered, has decided to quit farming on the scale he has been, and has rented a small farm, with the expectation of making of it a chicken farm. He will use incubators, and on the farm land of the forty, will raise the kind of feed that is required by the chicken in its various stages of development. Our guess is that this man will make more in the future than in the past, if he manages rightly.

### The Fairchild & Stevenson Duroc Sale.

The sale of Messrs. Fairchild & Stevenson, at Onawa, Iowa, on January 11th proved to be a most successful one. This was the opening sale of the season and a great many breeders were on hand. The top price of the sale was \$100 for Rose Orion and she was purchased by Mr. C. W. Huff, Mondamin, Iowa. This was their first annual public sale and it must be considered a good one. An average of \$33.38 was made on the entire offering. Below is a complete list of the entire sale:

No.	Price.
3. Gus Brugger, Lake City, Ia.....	\$77.50
5. W. W. Robbins, Lyons, Neb.....	57.50
3. C. W. Huff, Mondamin, Iowa.....	100.00
44. Jno. Weighton, Audubon, Iowa.....	27.50
43. W. C. Whiting, Whiting, Iowa.....	32.50
12. Edmonds, Shade & Co., Kingsley..	30.00
14. Gus Brugger, Lake City, Iowa.....	31.00
36. W. C. Whiting, .....	27.50
34. Manley & Co., Lyons, Neb.....	30.00
37. Jno. Tryon, Bancroft, Neb.....	42.50
38. Easton Bros., Galva, Iowa.....	30.00
10. J. Wilkin, Correctionville, Ia.....	37.50
20. Nels Delashmuth, Onawa, Iowa.....	24.00
9. Robbins Bros., Lyons, Neb.....	45.00
11. Same .....	35.00
7. Mr. Clodfelter, Onawa, Iowa .....	40.00
30. Nels Delashmuth, .....	26.00
22. W. W. Robbins, Lyons, Neb.....	57.50
1. Robbins Bros., Lyons, Neb.....	39.00
50. Chas. Otto, Onawa, Iowa.....	30.00
41. Wm. Dugdale, Onawa, Iowa.....	26.00
4. W. W. Robbins.....	62.50
26. Chas. Huffman, Onawa, Iowa.....	39.00
23. W. W. Robbins.....	40.00
2. Gus Brugger, Lake City, Iowa.....	41.00

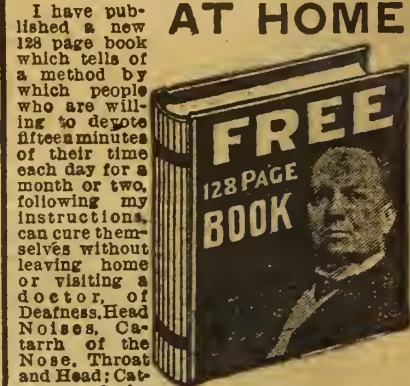
42. Wm. Dugdale .....	\$948.50
45. Arthur Dugdale .....	26.00
46. Chas. Huffman .....	25.00
24. Same .....	30.00
17. Chas. Smith, Onawa, Iowa.....	25.00
13. H. J. Riordan, Onawa, Iowa.....	29.00
19. Wm. Messing, Onawa, Iowa.....	25.00
49. Same .....	26.00
18. Chas. Smith .....	25.00
47. Henry Hall, Whiting, Iowa.....	26.00
48. Chas. Otto, Onawa, Iowa.....	31.00
40. Fred Hatt, Onawa, Iowa.....	25.00
21. Mr. Clodfelter .....	26.00
6. R. W. Cassidy, Whiting, Iowa.....	25.00
16. H. J. Riordan, .....	37.00
35. R. W. Cassidy .....	26.00
28. S. Livengood, Castana, Iowa.....	25.00
15. W. H. Hudson, Lohrville, Ia.....	34.00
27. S. H. Carhart, Mapleton, Ia.....	32.00
32. F. E. Garrett, Lohrville, Iowa.....	26.00
16. H. J. Hudson, Whiting, Iowa.....	25.00
32. Arthur Dugdale .....	25.00
25. Chas. Otto .....	25.00

### W. N. Rogers' Combination Sale.

Quite a good crowd of breeders and farmers from Iowa, Nebraska and South Dakota gathered at South Omaha on January 9th to select some good breeding stock from the Rogers' combination sale. The cattle were in fine condition, with a few exceptions, and the better ones sold at a good price. The top price was \$460, paid for the very fine yearling bull, Gay Wilton 5th 223249, a son of Gay Wilton 98084, that was surely a bargain, he going to the firm of Norman Oschner & Co., of Madison, Neb. The total average on the forty head sold was \$111.10, which was very satisfactory to all parties concerned. Below is a list of those selling at \$100 and over:

Lot.	Price.
2. Advancer 22d 250322, A. Kruse, West Side, Iowa .....	130.00
3. Senora 2d 214220, W. A. Kennell, West Point, Neb.....	100.00
6. Advancer 23d 250323, J. H. Smith, Friend, Neb.....	110.00
7. Advancer 18th 239061, Hall Hansen, Villisca, Iowa .....	145.00
8. Advancer 17th 239060, A. H. Myers, Burwell, Neb.....	145.00
9. Royal Grove 261714, W. E. Ewoldt, .....	145.00

# FREE! My Book About Curing DEAFNESS AND EYE DISEASES AT HOME



I have published a new 128 page book which tells of a method by which people who are willing to devote fifteen minutes of their time each day for a month or two, following my instructions, can cure themselves without leaving home or visiting a doctor, of Deafness, Head Noises, Catarrh of the Nose, Throat and Head; Catarracts of the eyes, Granulated lids, Sore eyes, Pterygiums, Films, Wild Hairs, Eye Strains or any weakness or disease of the eye, ear, nose or throat. This book gives the causes and symptoms of each disease. It tells you not only how to cure these diseases, but how to prevent blindness and deafness.

I want to place one of these books in every home in the United States. Write me a letter or a postal card and tell me your disease and you will receive this grand book and my opinion free of charge, and learn how people from every state in the United States are restoring their sight and hearing at home by this new method.

I want no money for this neither does it place you under any obligations to me whatever. I simply desire to show and prove to you how easy it is to get perfect sight and hearing by my method. Write to me today. Address

DR. W. O. COFFEE

340 Century Bldg., Des Moines, Iowa.

# BOWSER LIGHTEST RUNNING. Feed Mills

12. West Side, Iowa .....	110.00
12. Pretty Tom 216011, F. E. Bellnap, Creston, Iowa .....	150.00
32. Prosper 180483, J. A. Smith, Friend, Neb.....	130.00
34. Gay Wilton 5th 223249, Norman Oschner & Co., Madison, Neb.....	460.00
35. Edna 150320, Hall Hansen .....	137.50
39. Lora 124221, Wm. Ewoldt .....	135.00
40. Phebe 204412, Norman Oschner & Co.....	127.50
43. Diana 204409, same .....	127.50
44. Lobelia 132744, Hall Hansen .....	120.00
45. Jury of Shadeland 34th, A. J. Clark, Columbus, Neb.....	125.00
46. Shadeland's Maid 30th 207397, Geo. Libhold, Avoca, Iowa .....	130.00
47. Beau of Shadeland 25th, G. H. Stine, Ulysses, Neb.....	275.00
48. Monarch's Maid 14th, G. C. Grouse, Avoca, Iowa .....	130.00
49. Beau of Shadeland 23d, Wm. Clark, Columbus, Neb.....	100.00
51. Queen 4th 139179, G. C. Gross, Avoca, Iowa .....	130.00

SUMMARY.  
40 head averaged .....\$111.10  
21 bulls averaged .....125.25

### -MANURE SPREADERS.

When you buy a manure spreader, see that the main frame is made of oak or hard wood, as all the machinery is carried on the main frame, and if it twists out of shape it causes cramping and binding, hard draft and breakage. The machine should have an oak, ash or hickory pole the same as a farm wagon. The Great Western Spreader is made of the best material; it will pay you to investigate it.

### HOMESEEKERS' EXCURSIONS.

On the first and third Tuesdays of each month, the Iowa Central Railway will sell round trip excursion tickets to points in the North, Northwest, South, Southwest and Southeast. The rate is only one fare plus \$2 and less, with liberal stop-over privileges. Tickets sold to points in the following states: Minnesota, South Dakota, North Dakota, Arizona, Arkansas, Colorado, Idaho, Indian Territory, Iowa, Kansas, Louisiana, Mexico, Missouri, Nebraska, Montana, New Mexico, Oklahoma, Texas, Utah, Wisconsin, northern Michigan, Wyoming, etc. For rates and full particulars call on agents or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

## This Keeps Lightning Out Of Your Telephones

This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

Protects the house, avoids fire, insures safety for the family.

FREE TRIAL OFFER. You can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the arrestor. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One farmer sold over 300 "No Risk" Arresters last year besides doing his farm work.

Does your dealer handle the

Perfection Seed Corn Grader?

If not, write us. Best Grader on the market—capacity 10 bu. per hour. Get one and raise 16 bu. more corn per acre. Price \$1.00 f.o.b. Charleston, Ia. Don't Wait—Write Today to the W. E. ASHBY TELEPHONE CUT OUT CO., 101 Square St., Charleston, Iowa

## Are You DEAF?

I was deaf myself for 25 years. I perfected and patented a small, invisible ear drum in order to help my own hearing. It is called "The Way Ear Drum," and by the use of these drums I can NOW HEAR WHISPERS. I want all deaf people to write me. I do not claim to "cure" all cases of deafness, neither can I benefit those who were born deaf. But I CAN HELP 90 per cent of those whose hearing is defective.

Won't you take the trouble to write and find out all about me and my invention? Tell me the cause of your deafness. Geo. P. Way, 113 Majestic Bldg., Detroit, Mich.

## We Have a Limited Amount of HOME-GROWN NEW ALFALFA

At \$10.00 per Bag of 60 lbs.  
ALSO MEADOW FESCUE OF  
Our Own 1906 Raising at \$6.00 per 100 lbs.

WM. ERNST & SON,  
Tecumseh, Johnson Co., Nebraska.

**VITALITY TABLETS** Relieve the ills due to diseases of the liver, bowels, stomach and malarial poisons, headaches, backaches and general debility. An entire month's treatment only \$1.00. Small package, 50 cents. Address, VITALITY TABLET CO., Dept. C, Kansas City, Missouri.

## Black Taffeta Silk

Special to Our Mail Order Customers.

WE WANT TO SEND TO YOU ABSOLUTELY FREE OF COST

"free samples" of a Black Taffeta Silk which we are offering at 90c per yard. We want to convince you that this is the best silk ever offered at the price. It is the kind that usually sells at \$1.25 to \$1.50 per yard. We GUARANTEE it to be genuine Black Taffeta Silk of the "old reliable sort" without a trace of gum or dressing to "load" it. We want you to examine the samples and see for YOURSELF just what it is. The silk is 35 inches wide—the kind that is sold in most cases as 36-inch silk. We purchased a large lot on exceptionally favorable terms and will sell it ONLY to our MAIL ORDER CUSTOMERS. There is not enough of it to allow us to make a general city sale. If, after examining the samples, you decide to order, and are not perfectly satisfied when you get the goods, send the silk back to us—at our expense—and we will give you your MONEY BACK. We could not offer a fairer proposition. Nor can we offer other silk of this quality at this price. We would advise you to give this matter IMMEDIATE attention, as we expect to sell out the entire lot with this one advertisement. Address,

YOUNKER BROTHERS,  
Dept. B. Des Moines, Iowa



## Wernsman's Sale.

One of the most successful sales held so far in Nebraska was that of Mr. Jacob Wernsman, of Cedar Bluffs, Neb. There was a large attendance of breeders and farmers from that portion of Nebraska and a good average was made on the whole consignment. We wish to compliment the farmers in this vicinity on being so up to date and willing to pay the proper prices and advance the pure-bred hog business to where it should be in every section of the state. Below is a list of those selling above \$35:

Lot.	Name	Price.
1.	J. S. Golder, Scribner, Neb.	\$ 75.00
2.	Same	105.00
3.	Same	87.50
4.	Same	82.50
5.	A. L. Huddie, Malmö, Neb.	45.00
6.	F. H. Wilcox, Tilden, Neb.	100.00
7.	Same	85.00
8.	J. Linquist, Hooper, Neb.	40.00
9.	John Bowman, Cedar Bluffs, Neb.	47.50
10.	John Hammer, Greenwood, Neb.	90.00
11.	Joe Shepard, Scribner, Neb.	51.00
12.	Joe Ganovec, Morris Bluffs, Neb.	65.00
13.	Millard Glen, Cedar Bluffs, Neb.	62.50
14.	Joe Shepard	42.50
15.	A. Welty, Cedar Bluffs, Neb.	55.00
16.	W. H. Smith, Cedar Bluffs, Neb.	64.00
17.	Carl Hammer, Greenwood, Neb.	37.50
18.	J. Linquist	40.00
19.	W. H. Aldridge, Hooper, Neb.	40.00
20.	W. A. Kirkpatrick, Lincoln, Neb.	40.00
21.	Chas. Milton, Colon, Neb.	40.00
22.	Joe Shepard	37.50
23.	Wm. Bornemier, Elmwood, Neb.	57.50
24.	F. H. Wilcox, Tilden, Neb.	45.00
25.	M. Glen	50.00
26.	Dan Chase, Mt. Crook, Neb.	57.50
27.	M. J. Rockford, Colon, Neb.	40.00
28.	F. H. Wilcox, Tilden, Neb.	38.00
29.	Henry Weigand, Cedar Bluffs, Neb.	35.00
30.	F. H. Wilcox	55.00
31.	W. H. Aldridge & Son	35.00
32.	M. Glen	42.50
33.	Average	\$52.25

## Two Grand Duroc Sales at Maxwell, Ia.

The country round about this prosperous little village in Story county has long been noted for its productiveness. Not only can corn of the best kind be grown there, but the accompaniment of corn, which is hogs, is bred and grown there to a high degree of excellence. Two of the breeders of the red hog in the vicinity of Maxwell are Messrs. O. Osborn and W. J. Hartung. The very prosperous and thrifty condition of these two herds tells at once to the visitor the fact that they have proved a very successful part of the operations carried out in the management of the respective farms. Mr. Osborn has had unusual success the past years with his young stock and wants to share some of the good things he has produced with his fellow breeders and farmers. Accordingly he has chosen, Friday, February 8th for this event, and at that time on his farm, one-half mile from Farrar on the Newton and Northwestern railroad and seven miles south of Maxwell, on the C. M. & St. P., he will offer thirty-five head of females, including

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## SEPARATOR FREE

FOR A 1975 TWO MONTHS' TRIAL



WE WILL GLADLY SEND YOU A CREAM SEPARATOR; you can use it sixty days, and if you are not sure you have received the best separator in the world, the trial won't cost you one cent. Write for our new Cream Separator Catalogue and learn of THIS GREAT OFFER. \$19.75 buys our wonderful 1907 model Dandee Cream Separator, the equal of any machine sold by anyone else up to \$40.00. Our Improved Economy Cream Separator, slightly higher in price than our Dandee is guaranteed the best separator made, regardless of name or price, and is sold at a small part of the price others ask for high grade separators; and we guarantee our Economy to have greater capacity, to skim closer, skim cold milk, run easier and not get out of order, wear longer than any other machine in the market. We guarantee it 20 years, take care of it for you from the day you receive it, and will always furnish you any needed repair or part in the years to come, promptly and on a few days' notice. PRICES NOW GREATLY REDUCED. OUR CREAM SEPARATOR OFFERS are more liberal, more wonderful than ever before, greatly improved models, prices lower than last season. If you have more than one cow, write us a letter or a postal and say, "Send me your New Cream Separator Catalogue and all your new offers." and our great 1907 cream separator proposition will go to you by return mail, free and postpaid. We have two big cream separator factories and can sell you a machine on a two months' free trial, on manufacturing cost basis, much less than dealers and agents pay (all these profits you save) at a lower price than you ever thought possible. If you buy from us you get our free Profit Sharing Certificate and can exchange them for your choice of any number of most valuable articles, which we give our customers free. Write for catalogue today. Address, SEARS ROEBUCK & CO., CHICAGO

a number of his best producing sows and probably as fine a bunch of gilts as will be seen at any sales the next few months. An inspection of his herd will at once reveal the fact that Mr. Osborn has a good eye for good red hogs and moreover, he can produce them to suit the most particular. Among the mature sows which are to be sold are some splendid attractions which we will mention more in detail next week. A pair are sired by Carlin 14037, one of the good boars from the herd of Mr. N. P. Clarke. Suffice it to say they are splendid dams in every way and some of their produce in the sale will tell more of their ability to produce good stuff than paper and ink will. There will also be a number of fall yearlings sired by Reed's Cashier 25675, a grandson of Advance, also others sired by Gold Standard 33231. This part of the offering is bred and safe in pig to Perfection King 41711, the sire of many of the gilts which number twenty-six head and are a choice lot to say the least. Among them are some sired by Manley Orion and Long Tom, a grandson of Crimson Wonder. The gilts are bred to two sons of the sweepstakes boar, Crimson Wonder Again. Come to this sale, rain or shine, and prepare yourself on the offering by sending for a catalog. Good hogs and a good time. Remember the date. On the day following, Saturday, February 9th, buyers and visitors who were at the Osborn sale will find it very handy to remain in Maxwell for the sale of Mr. N. J. Hartung, which will be held in Shyrock's sale pavilion and will not be postponed on account of the weather. Col. F. F. Luther will conduct this sale, as well as the former one, and will open the selling after dinner. While the catalogs are now ready for mailing and should be in everyone's hands in the next few days, we will state, nevertheless, that among the offering of mature sows are some that carry the blood of those noted sires, old Orion, Duroc Challenger, Billy K., Advance and Top Notcher. The breeding speaks for itself and as to individual excellence we will say that the sows are large, wide backed, with plump hams, and strong and active on their feet. They are very regular and reliable as producers. The yearlings are a wonder for deep, roomy bodies, with the right kind of Duroc character and are about as large as anyone will be able to find this spring. For the gilts as much can be said without straining the truth. They will be sired by Malcolm's Model 2d and bred to a son of the noted Crimson Wonder Again. A recognized combination for good offspring and with the inheritance of individual excellence of the best kind to start with. Send for a catalog at once and inform yourself about this excellent offering. You will miss it if you don't. Kindly mention The Homestead when so doing. See formal announcement of sale on page 34.

## A. C. Berry's Short-horns.

Few herds of Short-horns in America have at their head a more richly-bred bull or a better producing bull than has the herd owned by Mr. A. C. Berry, of Unionville, Mo. We have referred to this bull, Imp. Mutineer, in former field notes, but since our recent trip to Mr. Berry's herd we feel more than ever that it is a difficult matter to overestimate the value of Imp. Mutineer as a sire. He was got by Bapton Chief, he by the same sire as Bapton Diamond, Mr. Dan Hanna's great breeding bull. Mutineer's dam, Imp. Missie 167th, was the dam of Mr. F. W. Harding's great champion bull, Whitehall Marshall. Following on down the list of sires we find such bulls as Lord of Fame, sire of Missie 167th, William of Orange for great-grand sire, then Ventriquoist, that

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You do the hard work of dairying and you ought to reap the profits. You won't get them so long as you are at the mercy of combinations and trusts. Join with 2000 Iowa Farmers to manufacture and market your own product. Cut out the gamblers and speculators who are standing between you and the consumer.

Our association has already in eight months forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa. Membership growing rapidly and the trust is on the run. Won't you join us at once for fair treatment now and future protection? Write today for prospectus and full particulars. Ship us a can of cream and get our test and price.

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We save our members and patrons from 20 per cent to 50 per cent on farm supplies, by buying for them direct from the factory at factory prices, cutting out all dealers and middlemen's profit. For example the

Farmer's Friend Separator Capacity 450 to 600 pounds, made for our members in the best factory in the world, fully guaranteed to excel any \$20 standard separator ever made, for only \$25. In efficiency of skimming, mechanical construction, easy running and durability, it has never been equalled. Send for our co-operative catalog of separators, washing machines, windmills, feed grinders, harrow carts, corn markers, corn shellers, etc. We give the best that money can buy direct to the user at factory prices.

## PIPE at less than 1/2 Price

We offer one million feet of pipe all sizes, also roofing, farm machinery, boilers, etc., at less than half the original cost. We guarantee everything we sell, and refund your money if you are not thoroughly satisfied. References: Merchants-Laclede National Bank, or any commercial agency. Write to-day for complete catalogue and prices.

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## SHEEP.

## Clover Hill Shropshires

"LEADING FLOCK IN MIDDLEWEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 285 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

Registered Shropshire Rams and Ewes OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

15 Registered Shropshire ewes, bred to imported Minton ram. W. C. Frazier, Atlantic, Cass county, Iowa.

tory, Oklahoma, Texas, Louisiana, Alabama and Mississippi, etc.

The Iowa Central Railway will place on sale on the first and third Tuesdays of each month, January to March, inclusive, one-way tickets at the extremely low rate of only one fare plus \$2 for the benefit of homeseekers and settlers.

Don't fail to call on Iowa Central agents for full particulars, rates, etc., or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

When a pound of butter looks like thirty cents it is time for us to sit up and take notice.

ONE WAY SETTLERS' RATES To points in Nebraska, Eastern Colorado, Kansas, Missouri, Arkansas, Indian Terri-



Tip Top Notcher 20729, the world's champion and one of the most popular sires in the United States, now heads the herd of Messrs. Thomas & Hogsett. In 1903 he won first honors at the Illinois State Fair and first at American Royal. At the World's Fair in St. Louis he won first in class, senior champion and grand champion boar. Besides his own winnings at St. Louis, he sired the second-prize get of boar, second-prize junior yearling boar, second-prize male pig, fourth-prize young herd, sixth-prize litter, seventh-prize senior male pig and champion herd from Illinois. The boar that won championship at the Florida State Fair in 1905 and the first-prize male pig and first-prize gilt at the Kansas State Fair same year were sired by him. At the Illinois State Fair in 1905 he was sire of the first-prize gilt and grandsire of the first-prize male pig, first-prize litter, second-prize young herd in open class and second-prize young herd bred by exhibitor. He also sired the first-prize yearling sow, second and third-prize senior male pig, second-prize get of boar and is the grandsire of the second-prize yearling boar and the grandsire of the first and second-prize gilts, third-prize get of boar and third-prize produce of sow at the Illinois State Fair, 1906. He also sired the first-prize senior male pig and junior champion boar at the Kansas State Fair, 1906, and second-prize gilt at Hamline and third-prize gilt at Sioux City, Iowa, same year. He sired the highest-priced litter in the world, the highest-priced boar ever sold at public auction and the first sow that ever sold at auction for \$1,000. Tip Top Notcher is by Tip Top Notcher, a state fair champion, he by Orion II., a state fair champion, he by Orion, champion at Iowa State Fair twice, he by Ben Hur H., he by Jim Bennett, he by Cuckoo, a state fair winner, he by Conqueror, he by Chickasaw Chief, he by Oswego, and he by Dan Voorhees. Tip Top Notcher is owned by Messrs. Thomas & Hogsett, of Golden, Ill., and Messrs. Fagan, Browning & McCabe, of Hersman, Ill. A number of sows in the sale offering of these firms are bred to this noted boar. See field notes.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Jan. 25, F. E. Garrett, Lohrville, Iowa.  
 Jan. 25, N. B. Cutler, Carthage, Ill.  
 Jan. 26, Dr. J. A. Downs, Glidden, Iowa.  
 Jan. 29, Grant Chapin, Green, Kan.  
 Jan. 29, A. L. Mossman, Radcliffe, Iowa.  
 Jan. 29, Claude Huffman, Scranton, Iowa.  
 Jan. 29, Frank Vrtiska, Pawnee City, Neb.  
 Jan. 30, J. O. Hunt, Maryville, Kan.  
 Jan. 30, J. C. Danner, Yale, Iowa.  
 Jan. 30, O. E. Osborn, Weston, Iowa.  
 Jan. 30, S. R. Quick & Son, Gosport, Ind.  
 Jan. 31, Combination Sale, Martinsville, Ind.  
 Jan. 31, C. E. Pratt, Frankfort, Kan.  
 Jan. 31, R. J. Harding, Carson, Iowa.  
 Jan. 31, Norrish & Pevington, Kingsley, Iowa.  
 Feb. 1, Clarence Beavers, Holmes, Kan.  
 Feb. 1, W. A. Rankin, Carson, Iowa.  
 Feb. 1, D. J. Pollock, Thayer, Iowa.  
 Feb. 2, John Fultz, Marysville, Kan.  
 Feb. 4, Roy West, Bondurant, Iowa.  
 Feb. 4, Austin Renshaw, Blair, Neb.  
 Feb. 4, Henry Weber, Friend, Neb.  
 Feb. 5, Manley & Co., Lyons, Neb.  
 Feb. 5, Sundburg & Olson, Madrid, Iowa.  
 Feb. 5, Frank Aldritt, Friend, Neb.  
 Feb. 6, E. Z. Russell, Blair, Neb.  
 Feb. 6, W. R. Bennethum, Madrid, Iowa.  
 Feb. 6, J. H. Husman, Exeter, Neb.  
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.  
 Feb. 7, H. S. Allen, Russell, Iowa.  
 Feb. 7, A. F. Sundell, Paton, Iowa.  
 Feb. 8, T. H. Isaac, Red Oak, Iowa.  
 Feb. 8, E. R. Wood, Jefferson, Iowa.  
 Feb. 8, O. Osborn, Maxwell, Iowa.  
 Feb. 9, W. J. Hartung, Maxwell, Iowa.  
 Feb. 10, Arch Brown, Waterloo, Neb.  
 Feb. 11, J. Stroth, Dewitt, Neb.  
 Feb. 11, S. P. Freed, Ames, Iowa.  
 Feb. 11, J. A. Teter, Remington, Ind.  
 Feb. 11, Geo. Schwab, Clay Center, Neb.  
 Feb. 12, J. M. Morrison & Son, College View, Neb.  
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.  
 Feb. 12, John M. Morrison & Sons, College View, Neb.  
 Feb. 12, H. Riffin and C. T. Rodgers, Petersburg, Ill.  
 Feb. 12, A. P. Alsins, Boone, Iowa.  
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.  
 Feb. 12, H. B. Louden & Son, Clay Center, Neb.  
 Feb. 13, J. B. Davis, Fairview, Kan.  
 Feb. 13, C. W. Huff, Mondamin, Iowa.  
 Feb. 13, A. Kirkpatrick, Lincoln, Neb.  
 Feb. 13, Ira Jackson, Tippacanoe City, Ohio.  
 Feb. 13, T. E. Laurie, Jacksonville, Ill.  
 Feb. 13, B. C. Marts, Polk City, Iowa.  
 Feb. 13, Bill East & Son, Clay Center, Neb.  
 Feb. 14, Shotwell & Menefee, Folk City, Iowa.  
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.  
 Feb. 14, Gilbert Van Patten, Sutton, Neb.  
 Feb. 14, B. W. Hale, Ladonia, Mo.  
 Feb. 14, White Hall, Yellow Springs, Ohio.  
 Feb. 15, G. E. Everts & Son, Audubon, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Marvin & Applegate, Shelby, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 15, Hosea Wilson, Blair, Neb.  
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.  
 Feb. 16, Clark & Tryon, Wausau, Neb.  
 Feb. 18, John Lydon, Belden, Neb.  
 Feb. 18, A. E. Poush, Chariton, Iowa.  
 Feb. 19, J. H. Habenicht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, John Black, Randolph, Neb.  
 Feb. 20, S. P. Briggs, Seward, Neb.  
 Feb. 20, B. R. Miller, Randolph, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, E. R. Miller, Randolph, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 21, Geo. Nordyke, Allen, Neb.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. C. Holmes, Osmond, Neb.  
 Feb. 22, R. A. Tawney, Pierce, Neb.  
 Feb. 22, W. L. Addy & Son, Parnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, A. W. Harris & Son, Waverly, Ky.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 23, S. R. Murphy, Sayannah, Mo.  
 Feb. 25, Wm. Sanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, M. A. Seliers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Bissling, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 26, James Williams, Marcus, Iowa.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pittman, Lohrville, Iowa.  
 Feb. 27, J. W. Wendt, Marcus, Iowa.  
 Feb. 28, Geo. Karchner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Feb. 28, Geo. W. Custer, Merville, Iowa.  
 Feb. 28, J. S. Teale, Lamoni, Iowa.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.

## GRAND CHAMPION DUROC CIRCUIT.

Jan. 31, H. B. Griffiths, Bowen, Ill.  
 Feb. 1, Manlove Bros. & Norris, Bowen, Ill.  
 Feb. 2, Thomas & Hogsett, Golden, Ill.  
 Feb. 5, Fagan, Browning, Hess & McCabe, Hersman, Ill.  
 Feb. 6, Ed A. Baxter, Pawnee, Ill.  
 Feb. 7, Fred Kraschel & Son, Macon, Ill.  
 Feb. 8, T. W. Stoner & Son, Henry, Ill.

## ABERDEEN ANGUS.

Feb. 4, G. W. Fink, Maryville, Mo., dispersion sale, Hal T. Hooker, Mgr.  
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.  
 Mar. 7, C. H. Seibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 23, C. J. Martin, Churdan, Iowa.  
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

## JACKS AND JENNETS.

Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

## POLAND CHINAS AND SHORT-HORNS

Feb. 28, J. A. Penn, Alta, Iowa.  
 Mar. 6, Schnieder Bros., Dana, Iowa.

## ABERDEEN ANGUS AND POLAND CHINAS.

March 27, J. H. Eno, Havelock, Iowa.

## HOLSTEIN-FRIESIANS.

Feb. 14, H. C. Glessman, South Omaha, Neb.

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS.

Jan. 29, F. A. Edwards, Webster City, Iowa.  
 Jan. 30, Combination sale at Shenandoah, Ia., C. F. Mitchell, Mgr.  
 Feb. 6, Geo. H. Miller, Harlan, Iowa.  
 Feb. 7, A. B. Garrison, Beattie, Kan.  
 Feb. 12, H. H. Hess & Sons, Surprise, Neb.  
 Feb. 15, A. H. Mattson, Loomis, Neb.  
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 21, J. Lefebure, Fairfax, Iowa.  
 Feb. 26, Isaac Novinger & Sons, Kirksville, Mo.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 28, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Hargren, Vinton, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## POLAND CHINAS.

Jan. 12, H. C. Dawson & Sons, Endicott, Neb.  
 Jan. 24, Young & Duncan, Madison, Neb.  
 Jan. 25, Closing out sale, Thos. F. Miller, Fullerton, Neb.  
 Jan. 29, John Schmieder, Remsen, Iowa.  
 Jan. 29, Geo. Regennitter, Bennett, Iowa.  
 Jan. 29, Snyder Bros., Winfield, Kan., and Stryker Bros., Fredonia, Kan., at Fredonia.  
 Jan. 30, C. A. Steel, Ogden, Iowa.  
 Feb. 2, Bert Fry, Plainfield, Iowa.  
 Feb. 2, Ernest Babcock, Manning, Iowa.  
 Feb. 5, Henry Dorr, Remsen, Iowa.  
 Feb. 5, H. B. Moats & Sons, Villisca, Iowa.  
 Feb. 5, H. B. Moats & Sons, Villisca, Iowa.  
 Feb. 6, A. B. Garrison, Beattie, Kan.  
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.  
 Feb. 7, Bridgford & Nesbitt, Aledo, Ill.  
 Feb. 7, W. I. Toop, Auburn, Iowa.  
 Feb. 8, T. J. Charles, Republic, Kan.  
 Feb. 8, J. C. Hardman, Brayton, Iowa, and Lon Hamilton, Kearney, Neb., sale at Council Bluffs, Iowa.  
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.  
 Feb. 11, Dan Needham, Woodward, Iowa.  
 Feb. 12, H. H. Hess & Son, Surprise, Neb.  
 Feb. 12, Jas. Watson, Madrid, Iowa.  
 Feb. 12, Reubel Bros., Rockwell City, Iowa.  
 Feb. 13, E. D. Keasey, Wiota, Iowa.  
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.  
 Feb. 15, Peter Mow, Orange City, Iowa.  
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.  
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.  
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.  
 Feb. 19, L. L. Hedglin, Boelus, Neb.  
 Feb. 20, H. C. Neal, York, Neb.  
 Feb. 20, W. J. Crow, Webb, Iowa.  
 Feb. 20, N. C. Bassett, Jefferson, Ia., sale at Brookside Farm, one mile east of Farlin.  
 Feb. 21, T. A. Davenport, Belmond, Iowa.  
 Feb. 21, W. N. Booth, Danbury, Iowa.  
 Feb. 22, Chas. Cook, Danbury, Iowa.  
 Feb. 22, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 22, E. N. Bergren, Stanton, Iowa.  
 Feb. 26, J. E. Walker, Anita, Iowa.  
 Feb. 26, J. C. Baily, Marshalltown, Iowa.  
 Feb. 27, W. W. Wheeler, Harlan, Iowa.  
 Mar. 7, Sanquist Bros., Oakland, Neb.  
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.  
 March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Iowa, at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## O. I. C. HOGS.

Feb. 6, 7, O. L. Kerr Est., Independence, Mo.  
 Feb. 13, Jas. A. Polley, Adaza, Iowa.  
 Feb. 21, John Lefebure, Fairfax, Iowa.

## THOROUGHbred HOGS AND CATTLE.

Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS AND DUROC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.  
 PERCHERONS.  
 Feb. 19, J. M. & J. C. Robison, Towanda, Kan.  
 Mar. 6, W. R. Wilson, N. D. Merrill and others, Arispe, Iowa.  
 March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

## THE ONLY WAY DUROC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.  
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.  
 Feb. 21, Frank M. Erschen, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

## JACKS AND JENNETS.

March 1, W. J. Finley, Marshall, Mo.  
 SHORT-HORNS AND ABERDEEN ANGUS.  
 Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## HEREFORDS.

Feb. 1, combination sale, Harlan, Iowa, F. W. Hann, Mgr.  
 Feb. 9, W. H. Leslie, Auburn, Iowa.  
 Feb. 14, Peter Mow, Orange City, Iowa.  
 Feb. 21, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 27, 28, Combination sale at Kansas City, Mo., C. R. Thomas, Mgr.  
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

## FIELD NOTES.

Mr. John Thornton, of Colo, Iowa, has registered Hereford bulls for sale in his advertisement on page 30 of this issue.

Messrs Wm. Ernst & Son, of Tecumseh, Neb., claim October 31st and November 1st as dates on which to hold a public sale of dual-purpose Short-horns.

Messrs. Nady Bros., of Fairfield, Iowa, have Percheron stallions and mares for sale that are black and gray in color. Their advertisement appears on page 30 of this issue of The Homestead.

Mr. H. G. McMillan, of Cedar Rapids, Iowa, proprietor of the Lakewood Farm, of Rock Rapids, Iowa, claims March 20, 1907, as a date on which to hold a public sale of Percheron horses.

Mr. H. P. Clark, proprietor of the Meadow Lawn Stock Farm, St. Paul, Minn., names March 27th as the date on which he will hold a public sale of Short-horn cattle at South Omaha, Neb.

On February 28th Mr. J. A. Penn, of Alta, Iowa, will offer for sale twenty-eight Poland China bred sows and Short-horn cattle. Write him for catalog. His advertisement appears on page 13.

Mr. John Lefebure, of Fairfax, Iowa, names February 21st as the date on which he will hold a public sale of Chester White brood sows. Watch The Homestead columns for further particulars in regard to this sale.

Mr. Frank L. Stream, of Creston, Iowa, announces in his advertisement on page 30 of this issue that he has thirty imported Percheron stallions for sale. They arrived January 24th. He also has home-bred stallions for sale.

Mr. J. W. Briggs, of Alden, Iowa, has forty Duroc Jersey bred sows and gilts of the best of breeding which he will sell at reasonable prices and guarantee satisfaction. His advertisement appears on page 45 of this issue.

Mr. W. W. Vaughn, of Marion, Iowa, has thirty smooth, well-quartered, strong-boned young Chester White sows that are bred to high-class matured boars, which he is offering for sale in his advertisement which will be found on page 30 of this issue of The Homestead.

Mr. J. C. Bailey, of Marshalltown, Iowa, claims February 26th as the date on which he will hold his brood sow sale, consisting of some thirty head of choice Poland China bred sows. There will be five aged sows and twenty-two of the best Poland China gilts that we have seen this year, particulars of which will appear in future issues. All the most fashionable Poland China blood lines are represented in the breeding and the offering is one that should attract attention and cause every lover of Poland Chinas to write

Mr. Bailey for his catalog. Detailed mention will be made in later issues of The Homestead.

Mr. D. H. Lewis, of Geneseo, Ill., has fifty head of improved Chester White sows that he is going to sell on February 2, 1907. These sows are bred to state fair winners and are of the class that will do their purchasers the most good. Send to Mr. Lewis for catalog.

Fifteen smooth, low-down, blocky Short-horn bulls ranging in age from ten to twenty months, and females of all ages are offered for sale at reasonable prices in the advertisement of Mr. W. W. Vaughn, of Marion, Iowa. His advertisement appears on page 30 of this issue.

On page 30 of this issue of The Homestead will be found the new advertisement of the well-known auctioneer, Mr. R. W. Barclay, of Mason City, Iowa. Those of our readers who contemplate holding public sales should confer with Mr. Barclay before naming their dates.

Two Duroc Jersey sales are claimed, one for February 26th and the other for February 27th, in this issue of The Homestead. Mr. James Williams, of Marcus, Iowa, will hold his sale on February 26th and Mr. W. J. Wendt, of the same place, will hold his sale on February 27th.

The Percheron stallion, Kenmor 23023, coming fourteen years old, a sure, sound and good breeder, is offered for sale in the advertisement on page 30 of this issue, the address of which is Box 748, Station A, Ames, Iowa. This animal will be sold at a bargain, as the owner is preparing to move.

There is offered for sale by Mr. Chas. Boland, of Williamsburg, Iowa, on page 30 of this issue of The Homestead, a registered Percheron stallion coming five years old. He is American bred, coal black, standing seventeen and one-half hands high. Any reader of The Homestead who desires a first-class stallion should write or visit Mr. Boland.

See advertisement of Messrs. P. S. & S. Barr, of Davenport, Iowa, on page 44. They offer choice, growthy Poland China gilts, weighing 200 to 240 pounds, also Short-horn and Polled Durham cattle, all ages, for sale at attractive prices. They report a number of recent sales in several states and they write that customers are well pleased with the stock.

The Western Land Company, of Des Moines, Iowa, having large interests in the Panhandle of Texas, report that large parties took advantage of the last low rate excursion to Texas. The number of actual settlers of these lands is one of the favorable features, as actual settlers are what make a country. For further particulars see the advertisement on page 24 of this issue.

The Roycroft Farms, of Des Moines, Iowa, are advertising Duroc Jersey sows and gilts bred to farrow in February, March and April, for sale in their advertisement that appears on page 45 of this issue. They have issued a catalog that gives the pedigrees and other information in regard to the stock and contains plans for hog houses, etc. They also have a booklet on breeding hogs which will be sent for the asking.

Mr. W. C. Frazier, of Atlantic, Cass county, Iowa, has fifteen Shropshire ewes of individual merit and of the choicest breeding that will be priced well within their value. These ewes are bred to the imported Minton ram, Manchuria A. S. A. 218834. Write him for list giving age, weight of fleece and price. He has also 400 Barred Plymouth Rock and White Wyandotte chickens for sale. See advertisement on page 30.

Mr. Roy E. West, of Churdan, Iowa, announces a public sale of Duroc Jersey bred sows to take place in that city on February 2d, as per advertisement which will be found on page 45 of this issue. Mr. West in furnishing copy writes: "I am putting in a bunch of gilts that few can duplicate. I have six or eight that would be a good addition to most of the old herds and would make a good foundation. They have length, bone and size, with quality. Many of them weigh from 250 to 300 pounds or more. I am feeding them for brood sows and not for the market. One of these gilts farrowed April 7th at 300 pounds or better. She is by a son of Proud Advance and out of a granddaughter of Prince Marti, and is a good show prospect. She has wonderful bone, best of color, a picture head and ear, good feet and back, good hams, and straight, deep sides. She will stand a good mail bid.



Kant Bee, one of the best sons of the noted Kant Be Beat. Many of the females in the forthcoming Duroc Jersey sale of Messrs. Stansell & Matern, at McNabb, Ill., are bred to him. See field notes.



It is too late for a catalog, but if anyone will send me a description of what is wanted as to size, weight, etc., and their best price, I will pick out one and have it bought as cheaply as possible. It will be guaranteed right. Better yet, come in person and buy as good as the breed affords. The sale will be in town."

Mr. C. H. Drake, of Stockport, Iowa, breeder of White and Barred Plymouth Rocks, will be obliged to move to a new farm that he has purchased near Hazelton, Iowa, about March 1st, and in order to dispose of his surplus stock he is offering it at very satisfactory prices in his advertisement which appears on page 14 of this week's issue of The Homestead. He also has Mammoth Bronze turkeys and Toulouse geese for sale.

Mr. J. E. Guernsey, of Keosauqua, Iowa, has ten two-year-old Short-horn heifers bred to an imported Cruickshank bull, also some extra fine young bulls, large boned and growthy, sired by an imported Cruickshank bull, which he is offering for sale in an advertisement to be found on page 30 of this issue. He also has a few tried Duroc Jersey brood sows and a choice lot of gilts on which he is quoting prices in the advertisement.

There is offered for sale on page 30 of this issue, registered Percheron stallions of good color, large size, ranging in age from three to four years, by Mr. W. D. Wolcott, of Gilmore City, Iowa. He announces that they will be priced so that they will pay for themselves the first season. He also has several span of high-grade Percheron and Shire mares in foal to registered horses, ranging in age from five to nine years, that he will sell at very moderate prices.

The Loomis Farm, of Tiffin, Ohio, have Angus cattle for sale of excellent breeding and quality by the car load. The farm is sold and the cattle must go before March. Western cattlemen will find this a chance to buy registered Angus cattle for less than they are worth. The offering will consist of cows, heifers and young bulls. To any of our readers who are in quest of Aberdeen Angus cattle, we would say that here is a most favorable opportunity to secure what is wanted. The advertisement will be found on page 30.

In furnishing copy for their new advertisement found on page 45 of this issue, Messrs. J. W. Troy & Bros., proprietors of the Red Oak herd of Duroc Jersey swine, wish us to call attention to the fact that they have changed the name of their herd from White Oak to Red Oak. They announce in their advertisement that they have a number of well-selected gilts of March and April farrow bred to Red Surprise 48087 for sale, for March and April farrow. By reference to the advertisement the breeding of these gilts can be obtained.

The advertisement of Mr. J. F. Waggoner, breeder of Poland China swine, of Olin, Iowa, will be found on page 30 of this issue of The Homestead. Mr. Waggoner in sending copy for his advertisement, writes: "My offering consists of fifteen selected sows due to farrow in April. They are sired by Waggoner's Giant; they have good smooth coats and color, not fat, but in just good breeding flesh; have heavy bone and stand good on their legs and feet; and are bred to Corrector 3d, a lengthy boar with good bone and an all round good one. They will be priced well worth the money."

Mr. Fred Ebendorff, of Strawberry Point, Iowa, in sending new copy for his advertisement found on page 43 of this issue, writes: "I am all sold out of Poland China males. I will now offer my entire herd of Short-horn cattle which consists of good young Scotch-topped cows with calves at side and bred again to Village Chief 178358, a richly-bred Scotch bull, and a Scotch Nonpareil. They are grand individuals. They are a good business herd and will make the buyer money at my bargain prices. They are not pampered, but in ordinary form, all reds and bred to red herd bulls and could get a car load of bulls for ranges, and very choice ones, too. All these cattle must go before April 1st, as I must make a change to devote more time to other interests. I also offer twenty choice Poland China gilts and yearling sows bred for March and April farrow. They are long, heavy-boned, with broad backs and are bred to Hustle On 105337, a very heavy-boned son of On and On, and others, weighing from 200 to 275 pounds; yearlings from 350 to 500 pounds. Price \$25 to \$50. One herd boar for sale and one

top spring male ready for hard service, and good fall pigs. Rose Comb Brown Leghorn cockerels at \$1 each."

Mr. F. H. Jackson, the auctioneer of Rutland, Ill., writes: "I have been busy all winter and fall and have sale dates as far ahead as October and for some of the best breeders. Stock of all kinds is selling high and there seems to be no limit to the demand. I have several sales for February and March in South Dakota, this being my third winter in that locality. I have sold for some of the best breeders in Illinois, Iowa and South Dakota. I always try to satisfy my customers and am prepared to make sales anywhere on short notice. Have had seven years' experience in selling fancy stock." See advertisement on page 42.

On March 13th there will be a joint breeders' Short-horn sale at Wayne, Neb., the contributors being Messrs. A. B. Clark and Wm. Lessman, both well-known cattlemen at that point. The cattle that go into these two sales are among the best they have, and both these herds are known to be among the very best in the state. There will be a choice lot of cows and heifers, and as good a bunch of bulls as has ever been sold in the state. If any of our readers want a catalog they should get their name on the list at once. Write to Mr. A. B. Clark, Wayne, Neb., and he will be pleased to send you one as soon as issued.

Messrs. Arch Brown & Sons, of Waterloo, Neb., are among the foremost breeders in Nebraska. They have been breeding and showing Durocs for several years. These gentlemen are what we call successful breeders doing a profitable business. Any orders or bids entrusted to them will be filled satisfactorily. The blood lines of this herd are known from east to west. They are the offspring of the champions. Their great herd boars are as follows: Echo King 18415, 8671, by Sensation by Orion R. by old Orion. He won second at the Nebraska State Fair in 1904. He is the sire of a great number of show hogs, a few of which are Glad Boy, Stone's Improver, Decatur King, Choice Goods and Wildie. Also King Nidlinger, the grandsire of the noted Hanley. The boys cannot go wrong in buying a sow sired by him. Sure Winner 14843, 11969, by Gold Standard by Hampton King by Kepler's Choice. This old boar has sixteen firsts to his credit. He is the sire of three gilts that go in the sale bred to Echo King. Royal Top Notcher 23639 is a grandson of Top Notcher, is a show boar and is the sire of a number of gilts that go in their sale bred to Sure Winner. Onward Duroc, a fine fellow, is the grandson of the undefeated show sow, Nebraska Belle. A number of the gilts are bred to him. For an attraction for the boys they include in their sale, on February 10th, Beatrice Queen 71346 by Duroc Challenger by Orion Chief. She is the dam of the two gilts that sold at the R. J. Harding sale for more than \$1,000. She is bred to old Kan't Be Beat for early farrow. Four gilts by Red Knight 25199, first and sweepstakes boar at the Nebraska State Fair in 1905. Two sired by Junior Jim, the \$5,000 boar. Another good one is Eureka Maid by Echo King, one of the plums. We cannot do justice to all, but in their catalog they will give each individual description. Write these gentlemen for catalog. They would be pleased to have you with them on sale day. Send bids to Messrs. T. C. Callahan and J. P. Speerman and they will be honorably treated.

#### BERKSHIRE SOWS AND GILTS.

Any of The Homestead readers who are on the market for some well-bred Berkshire sows and gilts should write Mr. E. H. Dancer, of Lamoni, Iowa. Mr. Dancer has a choice lot of sows for sale, and he has some of the most up-to-date breeding. He is pricing these right if taken soon. Write him at once if you want well-bred Berkshire sows.

#### SHOTWELL AND MENEFFEE'S DUROC OFFERING.

On February 14th, the last day of the circuit in which this sale is included, the above gentlemen will offer forty-five head of females, consisting of fifteen mature sows carrying the blood of Orion, Reed's Banker, Tientsin and others. These sows have made good money for their present owners and should offer a good investment for some breeder. They have been reliable producers of large litters. Fifteen head of fall yearlings sired by Challenger II. and as many

## CLOSING OUT SALE OF HEREFORD CATTLE AND CHESTER WHITE SWINE Auburn, Ia., Saturday, Feb. 9, 1907 37 HEAD 29 Cows and Heifers 8 Bulls.

Including my herd bull, DALE LAD 35TH 158312, a grandson of old Dale and Star Grove 15th, together with a lot of his get. All the young bulls except one will be sired by him, and the most of the young heifers. The blood of old ANCIENT BRITON, ANXIETY 4TH, THE GROVE 3D, COLUMBUS and LORD WILTON predominates in my herd, and I believe I am offering as good a bunch of cows and heifers as has ever been sold of late years. Ella Briton, a daughter of Ancient Briton, out of a Cherry Boy cow, goes in, also a grand lot of Masher and Jumbo cows in my sale. The most of the cows will weigh from 1,300 to 1,800 pounds, and are good breeders. For the size of my herd no man has a better one. There are some particularly choice heifers in my sale.

CHESTER WHITES—I will also close out all my Chester Whites, including my splendid herd boar, Duke of Headlight 15866. Will also sell my horses, fancy poultry and farm machinery. Write at once for catalog. Address,

COL. C. M. JONES **W. H. Leslie, Auburn, Ia.**  
Auctioneer

## Dorr's Great Poland China Brood Sow Sale

63  
HEAD

The Cream of the Herd Will be  
Sold in my Sale at my Farm Near  
**REMSEN, IOWA,**  
February 5, 1907.

63  
HEAD

Sired by Meddler, the great champion boar at St. Louis; Mischief Maker, an Iowa and Illinois State Fair Winner; Columbia Chief, an Iowa and Nebraska State Fair winner; Tecumseh Keep On, and the great boar, Dorr's Tecumseh. The aged sows and fall gilts are bred to Dorr's Tecumseh, the gilts to Hands Down, my new herd boar. I have bred for bone, size and finish, and I have got what I am advertising. I will show you as growthy a bunch of gilts as you have seen this year, and I don't care where you have been. My offering from beginning to end is high class and I invite all to be with me on sale day. Write for catalog at once. Address,

**HENRY DORR, - REMSEN, IOWA**

COLS. F. M. WOODS, BENSON and LYLE, Auctioneers.

## High Class Poland China Sows

FROM THE HERD OF  
**H. B. MOATS & SON, VILLISCA, IOWA.**  
FEBRUARY 5, 1907.

**45 HEAD** and they are a high-class lot of sows, with plenty of size and they certainly have the finish. Twenty large sows, a year old last spring, fifteen head a year old last fall, and twelve spring gilts. The bulk of the offering is sired by our great boar, SHAMROCK. We are including a very fine Chief Perfection sow now two years old, and bred to Shamrock. Another great yearling we are offering is sired by Perfect Tecumseh, a litter brother to Perfect Perfection. We think we never sold a better bunch of sows than will be offered in this sale. Write for catalog at once. Address,

**H. B. MOATS & SON, VILLISCA, IOWA**  
Col. H. S. Duncan, Auctioneer.

## 45 Growthy Poland China Sows and Gilts 45

—AT PUBLIC SALE—  
**FEBRUARY 8, 1907, ANKENY IOWA.**

FOR a number of years I have been building up a herd of Poland Chinas. From time to time, I have added good individuals to my collection. My work has been well spoken of by breeders and swine men. In this, my first sale, I have taken special pains to select my best and have them be a credit to myself and the breed. Ten yearlings and tried sows sired by Johnson's Chief, Nemo L's Dude and Chief Perfection 2d. Thirty-five March gilts sired by Tecumseh Longfellow. I have the long, deep-bodied, strong-boned type. Send for my catalog. Mention this paper.

**WILLIAM LENTZ, ANKENY, IOWA**  
COL. H. S. DUNCAN, Auctioneer.

gilts sired by Orion's Rival and Model Jim will complete the number offered. Many of the mature sows will have litters in the sale which will indicate their ability to produce, better than ink and paper. This sale is near Polk City and will be held in comfortable quarters. Send for catalog and remember the date.

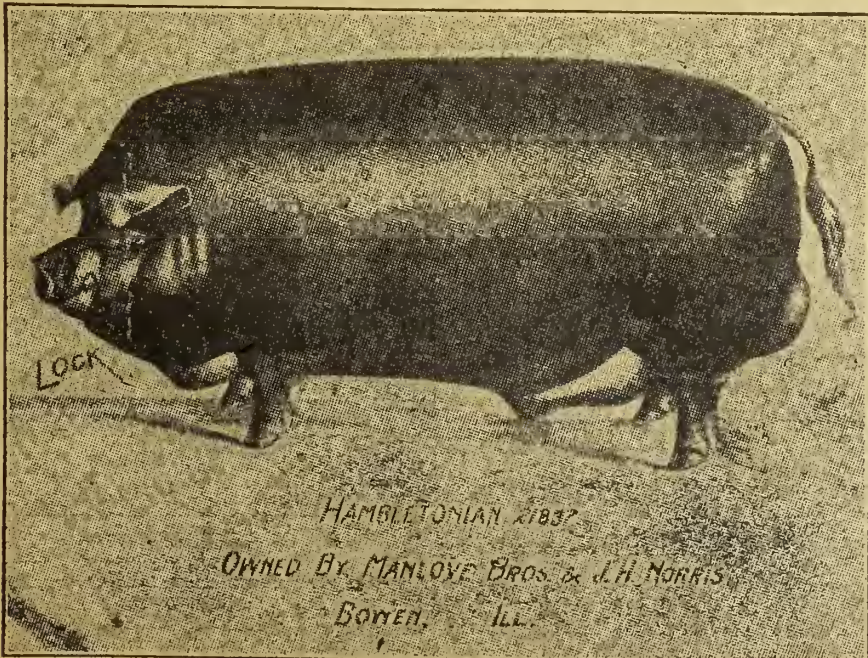
#### RENSHAW'S DUROC JERSEY SALE.

The opening gun of the northeast Nebraska Duroc Jersey sale circuit will be fired at the home of Mr. Austin Renshaw, of Blair, Neb., on February 4th. He is selling eight spring yearlings, two fall yearlings and thirty-one gilts. Four of these yearlings are sired by Alix Advance, a litter brother to the great sow, Alix II.; four by Golden Perfection, one by Cole's Duroc out of an Improver dam; one by Glendale Jim out of Lady Alix, the sow that sold in his last sale for \$425. The sire of this sow was Glendale Jim, second-prize yearling at Des Moines in 1905, and a son of the sweepstakes boar, Gold Dust Jim. She is a splendid sow and is bred to Arion, a winner at Des Moines and Lincoln for three years in succession. These yearlings are all bred to Arion and Long Alix. The gilts are sired by Junior Jim, the \$5,000 boar. There are twenty-five of these and they are a nice bunch, with fine color, heavy bone and good feet. These are bred to Arion, Long Alix and Redwood Chief, a son of Ohio Chief. One of the toppest gilts that he will sell in this sale is a gilt by Long Alix. She was farrowed March 16th and weighs over 350 pounds. She goes into the sale bred to Arion. Mr. Renshaw also sells four good gilts by Glendale Critic and out of a half-sister to Junior Jim. Two of these are very good and will weigh 300 pounds and all are bred to Redwood Chief. There is a good late bred to Redwood Chief. Mr. Renshaw has purchased Messrs. Manley & Co.'s interest in Arion and his sale will be the only place you can get Arion sows. He will offer more

Junior Jim gilts in his sale than will be sold in all the other sales this year. Write for his catalog and get a line on just what he is selling. Please mention The Homestead when writing.

#### QUICK'S DUROC AND SHROPSHIRE SALE.

One of the good Duroc Jersey offerings of the year is that of Messrs. S. R. Quick & Sons, which will be held at Gosport, Ind., on Wednesday, January 30th. Forty head have been selected for this occasion and they are worthy the attention of discriminating breeders. Mr. Joshua Rothrock, of Centerton, Ind., contributes some very choicely-bred gilts. The Messrs. Quick have been ardent supporters of the Duroc for many years. Their efforts have been rewarded in the selection of good foundation stock by the excellence of their herd. In order that the offering would come up to the standard which the Messrs. Quick have always maintained, several sows which had been reserved for use in their herd have been included in the offering. They are sired by such noted boars as Baker's Bred Right, Top Notcher, Perfection and others of equal merit, and are bred to Beat Him If You Can, the boar which recently sold for \$3,000; Quick's Perfection, Sure Winner Jr., and Go Forward. The western breeder who wishes to add new blood to his herd will find this herd noted among Indiana breeders. Sixty-seven head of Shropshires will be sold the same day. Many of the ewes are imported and are bred to a ram whose sire and dam were both imported. All ewes of breeding age are safe in lamb to this ram. Several young rams are included in the offering. The catalogs are now ready and will be sent to all interested who write as per the advertisement on page 37 of this issue. Those who cannot be present sale day can send bids to Mr. D. M. Pierce, represent-



Hambletonian 21837, a noted state fair winner and sire of state fair winners. Females bred to this noted boar are included in the public sale of Messrs. Manlove Bros. & Norris, at Bowen, Ill., on Friday, February 1st. See field notes.



ing this paper, in care of Messrs. S. R. Quick & Sons at Gosport, Ind. Kindly mention The Homestead when writing.

# A. P. ALSIN SELLS FORTY-FIVE DUROCS AT BOONE, IOWA.

Mr. A. P. Alsin, of the Ames-Boone-Polk City Duroc Jersey sale circuit, will hold the second day's sale of the circuit on his farm near town, February 12, 1907. While he presents a larger offering than some of the other members of the group, he has been careful to keep his selections up to standard merit and expects to show buyers on sale day some of the good representatives of the breed. Mr. Alsin has at the head of his herd several very excellent boars as individuals, as well as being richly bred. His offering presents a great variety of blood lines and among the seventeen head of yearlings and tried sows will be found daughters of Old Brilliant, Young Pilot, Albinus, King West, Old Surprise, Belle's Perf. King, Teddy R. and others. Readers can imagine that this bunch will contain some choice numbers and likewise producers of some of the best stock owned on the farm. The gilts will be a well-fitted bunch and are well sired. There will be several by each of the following boars: Ohio Chief, Proud Advance, Advance Dandelion and Orion's Typc. All through the offering is a choice one and will merit close inspection. Get a catalog and post up. The advertisement appears on page 35.

FAGAN, BROWNING & McCABE DUROC SALE.

Breeders of Duroc Jerseys are invited to be present at Hersman, Ill., on Tuesday, February 5th to attend the second annual brood sow sale of Messrs. Fagan, Browning & McCabe. The offering is the best ever made from this noted herd and breeders will find it to their advantage to be present sale day. This firm own one-half interest in Tip Top Notcher and are including a number of very good sows bred to him. Such sows as Foust's Pride by Kan't Be Beat, champion sow Illinois State Fair 1905-06; S. E.'s Model VIII, by Ohio Chief and sister to S. E.'s Model IX, that sold for \$1,060 at auction; Belle of Boone, fifth at Des Moines 1905, and Creamie, that cost them \$400 at auction, go in this sale bred to Tip Top Notcher, and many other choice sows bred to Golden Echo, Oakwood, Pilot Wonder, Royal Orion (by Orion) and Red Express. There will be eight or ten daughters of Tip Top Notcher bred to above hogs. The sale will include sows bred to Proud Advance, Hanley, Buddy K. IV. and other good sires. In our next issue we will give full particulars regarding this offering. Write for catalog at once, kindly mentioning The Homestead. Bids sent to Mr. D. M. Pierce, in care of this firm at Hersman, will be properly handled.

## STONER'S BROOD SOW SALE.

Forty-five head of choicely-bred Durocs from the herds of Messrs. T. W. Stoner & Son, of Henry, Ill., and J. W. Remley, of Lacon, Ill., will be sold at Henry, Ill., on Friday, February 8th. Messrs. Stoner have the following to say regarding their offering: "Yearlings, fall yearlings, gilts and three or four two-year-old sows of fashionable families are included. Our motto has always been, 'Individuals as well as pedi-

## BREEDERS LOUD IN PRAISE OF HOMESTEAD ADVERTISING RESULTS.

The Fairchild & Stevenson Sale of Duroc-Jerseys very successful—Mr. D. M. Norton's flock of Shropshires all sold out and obliged to stop advertising—Heads the list in Wisconsin.

THE HOMESTEAD is in receipt of scores of letters from breeders and importers praising its efficacy as a live stock advertising medium. Here are three samples: Messrs. Fairchild & Stevenson, breeders of Duroc-Jerseys at Onawa, Iowa, write: "We are very well satisfied with the results of our advertising in The Homestead. This was our first sale and we regard it as very successful. Enclosed please find money order in payment for the advertising." Mr. D. M. Norton, breeder and importer of Shropshire sheep at Sanborn, Iowa, writes: "Please discontinue my advertisement for the time being, as I am tired of answering the numerous letters called forth by The Homestead. I am all sold out of ewes, but am expecting a new importation from Canada about February 1st." Mr. James Fleher, breeder and shipper of Improved Chester White swine, of Eastman, Wisconsin, writing under date of Dec. 31st, says: "Please change my advertisement, as I am all sold out and I must give The Homestead again credit for standing at the head of the list of papers used this year; it has made me splendid sales."

gress.' Our hogs when properly fitted have ranked second to none. This will be an opportunity to get bargains. This offering is sired by and bred to such boars as Advancer Col., a litter brother to Proud Lady that sold in Messrs. Manley & Co.'s sale last winter for \$1,275. Also Stoner's Improver, Ohio Boy and Dandy Joe. The breeding of these boars is too well known to need any comment here. You will see their produce in this sale. Mr. J. M. Remley, of Lacon, Ill., will sell ten head of splendid sows, two or three two-year-old sows sired by None Such. The others are sired by Choice Goods and J. I. C. Choice Goods, one of the best sons of Echo King. J. I. C. is sired by Kan't Be Beat 28067, dam Cedar Vale Queen VIII. 70598, first in class and junior champion at the World's Fair St. Louis. We will welcome you all. Come to the sale and bring your friends." Send for catalog as per the advertisement on page 48 of this issue and watch these columns for further particulars next week. Bids sent to Mr. D. M. Pierce in care of Messrs. Stoner will be properly handled.

## OSBORN'S HIGH-CLASS DUROCS.

Never in the history of his breeding operations has Mr. O. E. Osborn been able to offer such a high-class lot of sows as he will drive through his sale ring on January 30th. Mr. Osborn has selected his best for this occasion and is putting in some of the best sows he has in the herd. To begin with, he is putting in the splendid sow, Allen's Maid, bred to Ohio Chief for early farrow, and no man is selling a better one. He is also selling six daughters of the great Ohio Chief and eight head in the sale will be bred to the same boar. The Ohio Chief sows that he is selling will be bred to Baxter's Buddy 3d and Briggs' Prince. Another very attractive sow is Proud Girl by Proud Advance. This sow was the top sow at the John Tryon sale last year. She is one of the best daughters of his Proud Advance and she is bred to the great Ohio Chief. He will also have some daughters of his old boar, Indicator, in the sale, and they are always good. If any man in the business deserves a good sale it is Mr. Osborn. He is offering a splendid lot of sows to be-

gin with, and no man has given more assistance to other breeders than he has. Everybody should write for his catalog. It gives the breeding of everything and shows what they are all bred to. Kindly write for it and mention The Homestead when doing so. If you can't attend the sale yourself, send a bid to Mr. M. T. White, Homestead representative, in care of Mr. Oshorn, and it will be attended to.

## CAREY CAMERON'S SHORT-HORN AND DUROC JERSEY SALE.

One of the good Nebraska sales that we would like to call the attention of Homestead readers to is that of Mr. Carey Cameron, at Herman, Neb., on February 25th. At that time Mr. Cameron will sell thirty head of Duroc Jersey gilts and about sixteen head of Short-horns, and we will take it upon ourselves to say, after inspecting both offerings, that they are as good as will go through any Nebraska sale ring this year. Mr. Cameron will be remembered as the man that sold Short-horns with Mr. John Skinner a few years ago and made an average of \$174. He is selling eight choice heifers sired by his former herd bulls, Red Bud and Scottish Count. All these heifers are safe in calf to Imp. Victoria's Count, his present

herd bull. He will also sell Jenny Lind, a six-year-old cow with bull calf at foot by Imp. Victoria's Count, and rebred to the same bull. She is a Chief Lavender cow out of a Royal Victor dam. He will sell eight good young bulls, all sired by Imp. Victoria's Count, and one is out of a Butterfy cow. He also puts in a good Canadian heifer. Mr. Cameron also sells thirty exceptionally good Duroc Jersey gilts in this sale. For years he has been picking up the best of sows and herd headers, and now he does not need to take a back seat for any man. Always being a stickler for size and bone, and being a good feeder himself, he has produced a bunch of gilts this year that are second to none in size, bone and quality. Just put this sale down as one where some good stock can be bought and bought right. The date is February 25th, at his farm near Herman, Neb.

## ALLEN'S SALE OF CHAMPION DUROC JERSEYS.

Mr. H. S. Allen, the well-known breeder and showman in Duroc Jersey circles, has chosen Thursday, February 7, 1907, for his sale of splendidly-bred sows and gilts. For the superior location and advantages of transportation the selling will be done in Spiker's sale pavilion, Chariton, Iowa. This place may be reached from four directions by rail and as the sale is to be held in a very comfortable building Mr. Allen is looking for a large crowd, regardless of weather conditions, whether they be rain or shine. There will be hotel accommodations for those from a distance and but four blocks from the depot is pavilion. As a breeder and exhibitor Mr. Allen has a very enviable record, and it has always been a specialty with him to select good boars. At the present time there are at the head of his herd two of the strongest boars carrying the richest blood of any, perhaps, in the state, or it might not be going too far to say in the country. Top Notcher Again, the old herd boar, was a champion at the Indiana and Illinois State Fairs in the hands of Mr. J. A. Teter, of Remington, Ind. This boar sired many of the most noted prize winners of recent years. The list includes Top Notcher

# 3 GOOD DUROC JERSEY BRED SOW SALES 3

MONDAY, FEB. 4th

Henry Weber,  
Friend, - Nebraska.

35 HEAD of richly-bred sows, bred to such boars as Improver III, he by Improver II, Gold Finder, one of the best sons of Hambletonian. My sows represent leading strains of the breed. Write for catalog. Send bids to Ray Page in care of proprietor.

## AUCTIONEERS.

Ray Page, J. L. McLeese.

TUESDAY, Feb. 5th

Frank Aldritt,  
Friend, - Nebraska.

45 HEAD. I have the get of 10 leading sires to offer, including daughters of the great Ohio Chief, Higgins' Model and others. They are bred to such boars as Royal Prince, Adams' Express, a full brother to Crimson Wonder, and a good son of Ohio Chief. Write for catalog. Send bids to Ray Page of this paper.

## AUCTIONEERS.

T. C. Callahan, Ray Page.

WED., FEB. 6th

J. H. Husman,  
Exeter, - Nebraska.

36 HEAD. This will be a dispersion sale. I will sell my entire lot of tried brood sows. They are bred to such boars as Von Billie K. Lankage, a son of Belle's Echo, and Fashion's Profit, by Fashion's Improver. Catalog now ready. Send bids to Ray Page in my care.

## AUCTIONEERS.

Ray Page, J. L. McLeese.

## TOO LATE TO CLASSIFY.

## Registered Percheron Stallions For Sale

GOOD colors, large size, three and four-year-olds. Priced so they will pay for themselves the first season. Also several span high-grade Percheron and Shire mares in foal to registered horses, ages five to nine years old. Address,

M. D. WOLCOTT,

Gilmore City, Iowa

## Pleasant Grove Herd Durocs.

BOARS ready for sale, by the famous old hog Top Notcher Again, Proud Advance and others of equal merit. Satisfaction guaranteed. Address,

HANKS & BISHOP, Props,

NEW LONDON, IOWA

## 50 Poland China BRED SOWS.

Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93231, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3,

Lanark, Ill.

On C., M. & St. P. R. R., 120 miles west of Chicago 20 miles east of the river.

## I WILL HOLD A PUBLIC SALE OF DUROC-JERSEY BRED SOWS

At Livery Barn, Churdan, Iowa, Feb. 2, 1907

30 HEAD bred sows and gilts, granddaughters of Orion, Proud Advance, etc., bred mostly to a Surprise yearling out of a Gold Dust Jim dam. Come out and see one of the best bunches of gilts to be sold. My motto is, "Best of Breeding," but the individual must be first a good prospect for a show yearling next year in one gilt. See field note for further particulars. F. F. Luther, Auctioneer.

ROY E. WEST,

Churdan, Iowa

## Percheron Stallion For Sale.

KENMOR 23023, coming fourteen years old; sure, sound and as good a breeder as there is in Iowa. Will sell at a bargain as I am going to leave the country. Price, \$300. Address,

BOX 748 A,

AMES, IOWA

## Percheron Registered Stallion.

FOR SALE—American bred, coming five years old. Coal black, 17½ hands and sound. If you want a stallion, come and see me or write.

CHAS. BOLAND, Route 3,

Williamsburg, Iowa

POLAND CHINA SOWS—Sired by Waggoner's Giant 102973, a 900-lb. hog, with 10½-inch bone and bred to Corrector 3d 119423, he got by the World's Fair winner Corrector 2d 87899. These are good, roomy sows, good length of bone and well quartered, with good coats. They will be priced right. J. F. Waggoner, Rural Route 2, Olin, Iowa.

Joseph Kestel,

John Schrotberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

## R. W. BARCLAY

Livestock Auctioneer, Mason City, Iowa.

PERCHERON STALLIONS AND MARES FOR SALE. Blacks and grays. Nady Brothers Fairfield, Iowa.

REGISTERED HEREFORD CATTLE—A few choice bulls for sale cheap. John Thornton, Colo. Iowa.

Chief, the junior St. Louis champion, also many others at the same show. The fact that his get were prize winners at this fair shows how he breeds. In good condition Top Notcher Again weighs 1,000 pounds and now at the age of seven years he is as active and vigorous as any of them. In the selection of Crimson Wonder Again Mr. Allen secured a wonderful sire, and not only a prize winner, but a sire that gets a very uniform and typical lot of gilts, as will be seen on sale day. As is generally known, he proved the champion boar any age at the recent Des Moines fair. He is a hog with

## SPECIAL BARGAIN SALE.

10 Two-year-old Short-Horn Heifers

Bred to an imported Cruickshank bull; also some extra fine young bulls, large boned and growthy, sired by an imported Cruickshank bull.

Also a few tried Duroc Jersey brood sows and a choice lot of gilts—the blood of Billy K. 20313, St. Paul, Manly Orion 3709, Cantine Boy 16319, King Perfection, Brilliant and Model Chief 11159 (A.). Prices from \$20 to \$50.

Wanted a good, fine stockman to buy a part interest and take management of farm. A good chance for a hustler. Reasonable terms.

J. E. GUERNSEY,

Keosauqua, Iowa

## WHO WANTS REGISTERED ANGUS CATTLE

Of Excellent Breeding and Quality by Car Loads?

FARM sold and cattle must go before March. Western cattlemen, here is your chance to buy registered Angus cattle for less than they are worth. Breeding cows, heifers and young bulls. Address,

LOOMIS FARM,

Tiffin, Ohio

## SCOTCH BULLS

Got by IMP. MUTINEER 172547.

MUTINEER is of Marr's Missie tribe and was got by Barton Chief and out of Imp. Missie, 16th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY,

Unionville, Mo.

## WILDWOOD SHORT-HORNS

ALL REDS AND DEHORND.

15 SMOOTH, low down, thick-meat Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,

W. W. VAUGHN,

Marion, Iowa

## Pleasant Grove Herd Chester Whites

BOARS all sold. Have to offer 25 bred gilts which are bred to my famous boar, White Leader 16513. Greatly reduced prices until February 10th. Write me your wants. Address,

J. M. JANSSEN, R. R. 3, P. O. Box 627,

Sibley, Iowa

## Chester White Hogs

30 smooth, well quartered, strong boned young sows, bred to high class matured herd boars for late March and April farrow for sale. Write

W. W. VAUGHN,

MARION, IOWA.

20 IMPORTED Percheron stallions arrived Jan. 4, 1907. Your choice, but one, for \$1,000. Also home-bred stallions. Frank L. Stream, Creston, Ia.

lots of good bone and stands right up on his toes; at the same time he is remarkably smooth and free from wrinkles and he is a splendid type of red hog all through, including his color. A large part of the older sows are sired by the Top Notcher Again boar, while the gilts are by Crimson Wonder Again. There are also some of the gilts



sired by Keep On out of an Advance dam; others sired by Proud Advance, Leather Stockings 2d, a prize hog, and Tom Davis, second at Des Moines and first at Nebraska this last fall. He is a \$300 hog. Here is some breeding that is unexcelled. Everybody wants some of it and knows just how good it is without further eulogy. Suffice it to say that the quality of breeding on the other side of the herd is just as good. The working herd contains some choice individuals and there will be some of them in the sale for attractions. This is one of the best sales of the season. Get in line with the boys and send for a catalog. You will find it interesting. The formal announcement appears on page 32 and when writing Mr. Allen kindly refer to The Homestead.

#### HENRY BROS. POLAND CHINA SALE.

The annual brood sow sale of Messrs. Henry Bros., will be held at Le Mars, Iowa, on February 8th, when they will offer fifty head of fall yearlings, matured sows and spring gilts. Their offering this year is an extremely creditable one, and they have selected many of their very best things for this sale. Among these are daughters of their old sweepstakes boar, Matchless Perfection Jr., Matchless Perfection, Corrector 2d (the sire of Louis of Oakwood, that sold for \$2,000 a short time ago), Meddler Boy 2d, On Parade, Dewey Corwin and Correct I Know. Many of the matured sows are the dams of some of their show stuff and there will not be one of these in the sale that will not carry her own guarantee with her. The gilts are the very pick of this year's raising, and carry as much or more of the blood of the leading winners as any other bunch that will be sold this spring. One of the attractions in the sale will be a daughter of Corrector 2d, and she should bring forth the very best breeders. The Henry Bros. herd has always been one of the leading winners at the Interstate Fair, and for the past two years has always carried the sweepstakes boar prize back home with them. The get of old Matchless Perfection have always been in the winning, and he is one of the very uniform breeders. They are selling some sows with plenty of size and bone, and with as much quality as can be found anywhere. They are issuing a very nice catalog and will send it to all those who ask for it. Kindly mention The Homestead when writing.

#### GEORGE REGENNITTER'S POLAND CHINA SALE NEXT WEEK.

This is one of the good eastern Iowa sales to be held next week. The selling will take place at Bennett, Cedar county, Iowa, Tuesday, January 29th. Bennett is located on the C., R. I. & P. forty-five miles east of Cedar Rapids and thirty miles northwest of Davenport. Those coming from the east and south should come the evening before. Mr. Regennitter has taken especial pains to make this, his second annual sale, still better than his last. During the past year he has improved his breeding herd a great deal and feels confident that all those who see his offering on sale day will agree with him on this point. The offering will be found to represent a great deal of the Perfection strain of blood. At the head of the herd stands Iowa Perf. 102717. He carries the characteristic color and the quality of his ancestors and is included in the sale, however, not for any fault of his own. Mr. Regennitter also has at the head of his herd, Young Wonder, a hog of great length and heavy bone and one that will mature into an 800-pound hog. He has been mated to some of the offering which Mr. Regennitter believes will make a good cross. There will also be a strong following of gilts. Some of these are March litters, while a number were yearlings in September, so altogether they should make a very strong attraction for the sale. Come out to this sale whether you expect to buy or not. You will see some of the very best Polands. Catalogs are now ready and a postal will bring one. The formal announcement appears on page 41 and when writing kindly mention The Homestead.

#### EDMONDS, SHADE & CO.'S GREAT SALE OF DUROC JERSEY PRIZE WINNERS.

One of the greatest brood sow sales that will be pulled off this year will be that of Messrs. Edmonds, Shade & Co., at Kingsley, Iowa, on February 7th. The cream of their well-known herd goes into this sale and includes all of their shows sows, together with the great champion sow, Royal Blossom 5th. Altogether it is an offering that is seldom found in one sale, and Duroc Jersey breeders will help themselves materially by making their arrangements to be present on this occasion when this great lot of sows will be sold. They are selling forty head, twenty tried brood sows and twenty top gilts. These will be bred to their herd boars, Masterpiece and American Royal. Masterpiece is a son of Brilliant Jr. 30655. He was purchased by Mr. Shade at the American Royal where he won first in class in one of the hottest competitions ever seen at that great show. He carries the blood of old Kan't Be Beat, Top Notcher, Ohio Chief and traces twice to the World's Fair champion sow, Lucy Wonder. He is a good individual and will be bred to about fifteen or twenty sows in the sale. American Royal, the undefeated sweepstakes boar, has also been used on many of the sows, and he has been holding his own wonderfully well. First and foremost is the great champion sow, Royal Blossom 5th. She won first prize and championship at the Iowa and Minnesota State Fairs and also at the Interstate Fair. At the latter show she also won first in class and sweepstakes bred by exhibitor. Besides being a great show sow she is also a good brood sow and she is bred to the young boar, Masterpiece. Proud Maid is one of her daughters, being sired by the noted boar, Proud Advance. Her litter mate topped the sale last year. She is also bred to Masterpiece. American Lady by American Royal was first in her class at Minnesota and also at the Interstate Fair. She also goes in bred to Masterpiece. Kruger Maid 2d by Orion, out of the great breeding sow, Kruger Maid, that topped the Manley sale two years ago at \$410, one of the attractions and she will be bred to Masterpiece. Belle Johnson by Advance, a full sister to Proud Advance and a litter sister to Reed's Banker, goes in bred to American Royal. Belle Royal by American Royal, first in aged herd at the Minnesota State Fair, will be bred to Masterpiece. There are a grand lot of American Royal's daughters in this sale, also daughters of Junior Jim, Red Chief I Am, Advance, Royal Plummer, John

Orlon and other well-known boars. It would be useless for us to even attempt a description of more of this offering, because they should be seen by the buyers. This well-known firm do not intend to take out a herd next year and are therefore selling all their winners and their prospective winners. Their catalog is an interesting one and should be in the hands of every breeder and every farmer who is thinking of buying a Duroc Jersey brood sow. Mr. E. Z. Russell, ex-president and one of the present directors of the National Duroc Jersey Association, will represent Mr. M. T. White, of The Homestead, at this great sale, and any bids sent to him in care of Messrs. Edmonds, Shade & Co. will be properly attended to. Write for catalog and kindly mention The Homestead.

#### THE HANN-MAYNE HEREFORD SALE.

Breeders and lovers of Herefords should not forget the sale of Messrs. F. W. Hann and J. S. Mayne, at Harlan, Iowa, on February 1st. Mr. Mayne is one of the oldest breeders in Shelby county and he is closing out his herd. He will therefore include his herd bull, Earl of Lakeview 6th, a grandson of old Corrector, all his breeding cows and all the young things on the farm. Many of the cows will have calf at foot or will be safe in calf. He will sell a choice lot of females and as everything goes, there will be some bargains. Mr. Hann is selling twenty-one head of cows and heifers and seven young bulls. Nearly all of these are sired by the great show and breeding bull, Ike 77284, and they are a grand good lot of cattle. Most of his cows and heifers are bred to Spartan Grove 2d, a Nebraska State Fair prize winner, and he will also be sold in the sale. Here is a good herd bull for someone. He is one of those broad-backed fellows, low down and wide out, and he is a good breeding bull. Mr. Hann is retaining a young bull and has therefore decided to part with him. Mr. Hann is selling a nice lot of young bulls, all sons of Ike. There never was a better time to buy Hereford cattle and start a herd. These two breeders are well known and are reliable, and they are offering a class of cattle that should sell. It would be an easy matter to pick up a car load of bulls in this sale, and at prices that anyone could afford to pay. Write to Mr. F. W. Hann, Harlan, Iowa, for catalog, and then arrange to be at Harlan on sale day. Kindly mention The Homestead when writing.

#### RUSSELL'S BROOD SOW SALE.

One of the sales that always attracts Duroc breeders to Nebraska is that of Mr. E. Z. Russell. The name of Russell and Duroc go together out there, and it has always been a great combination. It has been a winning combination, not for any extremely high prices, but for an even, business-like range of prices that any man could pay and make money. His sale this year will be the third in line of the Northeastern Nebraska Duroc Jersey Sale Circuit, and his date is February 6th. At that time he will sell forty head, twenty-six of which are fall yearlings and aged sows and the balance are spring gilts. They will be sired by his noted prize winning boar, Glendale Critic, Malcolm's Model, Gold Dust Jim and Gold Dust Jim 2d. They will be bred to Glendale Critic, Malcolm's Model, Crimson's Choice, and Jumbo Critic. He is selling a fine aged sow called Eleanor R. IV. She is a daughter of Glendale Prince, one of his former herd boars, and her dam is by Am Awake. He also sells a litter sister to Critic's Echo, the young herd boar that won at both the Iowa and Nebraska State Fairs last fall. She is bred to Crimson Choice, a grandson of Crimson Wonder. He will offer a splendid lot of Malcolm's Model yearlings in this sale, and daughters of this noted hog have always made great brood sows. Mr. Russell's offering will be in good condition and he will sell a string of sows that the boys can all go after. The sale will be held at the farm adjoining town, and everyone is cordially invited to attend this sale. It has always been one of the best all-round sales in Nebraska and the reputation will not suffer on account of the class of sows that he is selling this year. If you want to attend a very good sale, just arrange to be with Mr. Russell and his friends on this occasion. Write at once for his catalog and mention The Homestead.

#### KRASCHER'S DUROC SALE.

We take pleasure in calling the attention of our readers to the forthcoming brood sow sale of Messrs. Fred Krascher & Son, of Macon, Ill. They are making an unusual effort to make this sale a success and will sell sows that they would like much to hold in their herd on account of their producing qualities. They have even gone so far as to place sows in this sale that have produced some of their very best litters and are sold for no fault, but as attractions. Among these is Buddy T.'s Belle by Buddy T. Six of this sow's gilts sold in their fall auction for \$708 and she was third-prize gilt at Illinois State fair in 1905. Another good sow, both a show sow and producer, is Perfection Maid by Allison Jr. Perfection, dam Advance Belle. Perfection Maid was second in class and in first-prize litter at Illinois State Fair and has been in second-prize aged herd three times at Illinois State Fair. One of her gilts sold for \$270 and another for \$125 in their fall auction. She is bred again to Mayor Jr. and should produce some good ones. Still another sow that should prove attractive is Jay's Model by Model Chief by Ohio Chief, dam Lady's Fancy by Proprietor F. by Sensation by Orion R. by Orion. She is a big, stout, useful sow and good from end to end, in fact, a show sow. She is a star attractions and is bred to the great High Notcher by Top Notcher. A great sow is Corrector's Belle by Corrector Boy by Corrector. She is also bred to High Notcher. The great brood sow, Violet A., by Prairie Chief by Ohio Chief, bred to Mayor, November 17th. She was the top of Mr. T. W. Stoner's sale last winter and is a good one. A good sow is Hlawatha Red by Buddy K. IV, dam by The Lad For Me, bred to Gold Cloud, champion Illinois State Fair 1904. Prosperity Belle, the dam of Gold Standard, goes in the sale bred to High Notcher. Three extra choice gilts are by Top Notcher Chief Jr., champion boar at World's Fair, St. Louis; two are bred to the champion, Gold Cloud. Two good gilts are by Tip Top Notcher and bred to the great sire of good ones, Mayor Jr., and

## POLLOCK'S CLOSING OUT SALE

OF HIGH CLASS

## DUROC JERSEYS

THAYER, IA., FEBRUARY 1, 1907

I am selling my entire herd, including my two great young boars, FANCY PERFECTION 47967, a winner at the Iowa State Fair, and D. J. O. OHIO CHIEF, a son of the great Ohio Chief. There will be a number of splendid Perfection Chief sows in my sale, also daughters of Alix Pride, old Brilliant, Fancy Perfection and other well-known boars. Write at once for catalog. Address,

**D. J. Pollock, Thayer, Iowa**

COL. A. C. MANIFOLD, Auctioneer.

## GREAT OFFERING OF POLAND CHINA BROOD SOWS

LeMars, Ia., February 8, 1907

We will sell fifty head—ten head of matured sows, fifteen fall gilts and twenty-five head spring gilts. These are daughters of such noted boars as Corrector 2d (the sire of Louis of Oakwood, that sold for \$2,000 a short time ago), Matchless Perfection by Chief Perfection 2d, and Matchless Perfection Jr. (the sweepstakes boar at the interstate fair, 1905-6, and first-prize boar at Minnesota State Fair, 1906; he also sired more first-prize boars at the interstate fair than all other boars combined), Meddler Boy by the champion On and On, Pilate's Chief, Dewey Corwin and Correct I Know. These sows are bred to Matchless Perfection, Matchless Perfection Jr., Meddler 2d, On Parade and Correct I know. This bunch of sows is as good as we have ever sold. The mature sows are large and useful, and the gilts are large and roomy, and are all safe in pig. Catalog is ready and will be sent on application. Address



MATCHLESS PERFECTION.

Col. J. A. Benson, Auctioneer.

HENRY BROS., LeMars, Ia.

BOX 1102. TELEPHONE TO FARM

## 40 Poland China Brood Sows

AT THE EVERGREEN STOCK FARM

Defiance, Ia., February 9, 1907

We have cataloged about twenty head of our very best brood sows, yearlings and spring gilts for this sale. These are sired by Dakota Chief 2d 35977, R.'s Perfection 39012, out of Nemo L's Dude, Tecumseh and Perfection sows. We have selected the best brood sows and the pick of the gilts to go into the sale. Write us for catalog at once. Address,

**Wm. Ray & Son, Defiance, Ia.**

many other good things, including gilts by Gold Cloud, Mayor Jr., Gold Standard and other good ones. Messrs. Krascher will be pleased to furnish information to any interested in good Durocs if they will write them as per advertisement on page 48 of this issue. Full particulars regarding this offering will be found in our next issue. Bids sent to Mr. D. M. Pierce will be properly handled.

#### SMITH BROWN'S SOW SALE.

On Thursday, February 7th, Mr. Smith Brown, of Waterloo, Neb., will make his annual offering of Duroc Jersey brood sows. The name of Smith Brown and Duroc Jerseys is synonymous in Nebraska, and he has owned in his time some of the greatest that the breed affords. This year Mr. Brown is selling forty head, made up of about twenty yearlings and brood sows and twenty gilts. These will be sired by such well-known boars as Crimson Wonder 2d, Glendale Critic, Echo King and Orion. Seven of the gilts that he is selling are granddaughters of Nebraska Belle, and are bred to a son of Gold Dust Jim. One of the best things that Mr. Brown is selling this year is a two-year-old sow called Gold Dust Queen. She is a daughter of the sweepstakes boar, Gold Dust Jim, and she was the very best sow sold in the Russell sale last year. She is bred to Belle's Model, a son of the great Nebraska Belle. This sow could be made a show sow for next year if properly fitted. Mr. Brown says she is one of the best he has ever owned. Two of the best Glendale Critic gilts that he is selling are out of this sow. The sows that go into the sale are bred to Belle's Model, a son of Nebraska Belle; Echo King, the Nebraska State Fair boar, and Red Reuben, a son of old Gold Dust Jim. Mr. Brown is putting up a nice offering, and it certainly is a representative lot which he hopes every breeder will arrange to see on sale day. The sale will be held on the farm and every arrangement will be made for the convenience of those buyers who attend the sale. Mr. Brown's is the fourth sale in this circuit, and no breeder should fail to attend this one. Mr. Brown has been one of the most popular and one of the most reliable breed-

ers, and always has some good things to sell when sale day arrives. Send him your name and ask him to send you a catalog at once. Please mention The Homestead when writing.

#### BRIDGFORD & NESBITT'S POLAND CHINAS AT AUCTION.

One of the good, useful lots of Poland Chinas to be offered to the public this year is that of Messrs. Bridgford & Nesbitt, of Aledo, Ill. These gentlemen are well known to Homestead readers as progressive stockmen. They have used good boars at the head of their herd for several years and have selected females from the prolific families and fashionable strains for use in their herd. For two years they used Faultless Perfection 2d 70889 as their principal herd boar. He was sired by Faultless Perfection by Ramsey's Perfection, and his dam was Reigning Belle 183810 by Grand Hadley. This boar was used with much success and many of the offspring are sired by him. His get have the smoothness and quality combined with heavy bone which successful breeders are in search of. A few of the offspring are sired by Rising Sun 2d 92463. This was one of the low-down, heavy-boned, broad-backed kind. The yearling sows in this sale are sired by this hog and are of good length with plenty of finish. The sire of most of the gilts in the offering and the boar to which many of the sows are bred is Young Delight 104551. He was sired by Chief Perfection H., he by Chief Perfection 2d. His dam was Lady Delight 2d 261148 by Lad Mark 71309. These gentlemen are to be congratulated in securing such a good boar to take the place of Faultless Perfection 2d. Young Delight is the sire of many of the best spring gilts and those present sale day will have an opportunity to see for themselves the kind of pigs this boar is producing. A number of the gilts that go into this sale are bred to the good spring boar, Young On and On 2d. He is a son of On and On 2d by the noted breeding and show boar, On and On 94953. Crossed on such gilts as this firm have been producing will certainly prove advantageous to the breeder who wishes to improve his



herd. A spring boar which has been used to some extent is Young America 117429, a grandson of Keep On, his sire being Keep On Jr. The stock which this firm are offering to the public is one of those good, useful lots which are money makers. The sows are in good breeding condition and we recommend this offering to our readers, knowing that they will be pleased with the breeding and individuality. Look up the announcement on page 34 of this issue and write for catalogs at once. Further particulars will be found in our next issue. Mention The Homestead when writing.

#### BAXTER'S CLOSING OUT SALE.

When Mr. Ed. A. Baxter, of Pawnee, Ill., says anything you can depend upon it. He has determined to close out his herd of Duroc Jerseys and we wish to call attention to this week to a few remarks which Mr. Baxter has often made in the presence of the writer. We quote the following from his catalog: "Breeder and Friends: In presenting this catalog to you I do it under protest of my own wish, having been a breeder of Durocs for fourteen years and I hope an honest and reliable one. I now come before you with this catalog for my closing out sale. When I say 'closing out' I mean just what I say. I am going to offer every Duroc on my place, including my herd boars, Buddy K. IV., Kruger Again and Major A. 44561, and will sell them if you make a bid on them. I positively will not be in the breeding business again for a few years, if ever. Besides these herd boars I will offer twenty sows, the best lot ever offered, ranging in age from two to three years, and you will see by looking over the catalog that I have a fine lot of stuff. I wish to say to the Duroc breeders of the state, I have the best of feeling and respect for them and should I ever take up the business of hogs again I promise you it would be Durocs. I thank you one and all for your patronage and kind treatment in the past and wish you one and all the best of success in your honorable undertakings. Come to my sale and I assure you you will be made welcome and receive the best of treatment." We have from time to time called attention to the noted herd boar, Buddy K. IV. He goes with the balance of the herd to the highest bidder. The wide-awake breeder in search of a herd boar that is a good breeder, as well as an individual of show-yard merit should not overlook Buddy K. IV. In our next issue we will give further particulars in regard to this offering, but wish to urge our readers to be present at this noted sale if in need of good stock. Catalogs will be sent to all as per advertisement on page 48. Mention The Homestead when writing. Those who cannot be present sale day should send bids to Mr. D. M. Pierce, representing The Homestead, in Mr. Baxter's care.

#### STANSELL & MATERN'S DUROC SALE.

Forty head of choicely-bred Durocs are included in the sale offering of Messrs. Stansell & Matern, of McNabb, Ill. One seldom finds three as good breeding boars as these gentlemen have used in their herds. They were selected because of their individual merit and breeding, more importance being given to their individuality. The breeding was not overlooked, as will be seen by an examination of their pedigrees. Chief Of All is a member of the noted Ohio Chief family. He is a wonderfully even breeder of big-boned, good-length progeny and is a hog of great size and lots of finish, stamping his characteristics on his offspring with wonderful regularity. The breeder who secures one of his get or a sow or gilt bred to him will have a valuable addition to his herd and something on which he can depend. Kan't Bee is the best son of Kan't Be Beat the writer has ever seen. His dam was by Top Notcher and he has made a very good cross on Chief Of All gilts. Many of the gilts in the sale are bred to him. Red Gift is a son of Hanley and is a young boar of great length, heavy bone and stands well on his toes. A number of gilts in the sale are bred to this boar. Peacemaker is by Perfection Chief, the boar which now heads the herd of Messrs. E. M. Castle & Son, of Joy, Ill. This boar was third at Iowa State Fair, 1905, sixty-eight in class, and headed third-prize herd; second at Minnesota State Fair, 1905-1906, pronounced by some of our best breeders to be entitled to first; first at Wisconsin State Fair 1905-1906, and headed first-prize herd; first and sweepstakes over all breeds at Beloit and Elkhorn Interstate Fairs, 1905; first at LaCrosse Interstate Fair, 1905-1906, and others that we might mention. He traces to the great Ohio Chief through Treble, both being by the same sire and to the noted Duroc King that did such great good in the herd of Mr. O. S. West. A number of gilts are bred to Peacemaker. The females in the offering are from large, prolific dams and will prove profitable to breeders who wish to add new blood to their herds. Messrs. Stansell & Matern invite the readers of The Homestead to be present on sale day, knowing that the offering will please the most discriminating buyers. Catalogs are now ready and will be sent to all who write as per the announcement on page 37 of this issue. Bids sent to Mr. Dante M. Pierce, in care of these gentlemen, will be properly handled. Plan to be present sale day.

#### MANLOVE BROS. & NORRIS' DUROC SALE.

Messrs. Manlove Bros. & Norris, of Bowen, Ill., have selected fifty head of Duroc Jersey females that will be hard to duplicate this season in any sale ring. All classes will be accommodated in this sale. The man who is looking for tried sows will have his pick of sixteen head, all good ones. The breeder who wants yearlings can select from thirteen head and the party who wants spring gilts will be given an opportunity to take his choice from twenty-one head. This offering is one of the best the writer has seen in recent years and is the best lot of stock which these breeders have offered for sale either private or public, and are deserving of the patronage of the best breeders. Most of the sows are bred to Hambletonian, one of the best breeding boars the writer has seen. Hambletonian is also a show boar. In 1904 he won first in the twelve and under eighteen months class at the Nebraska State Fair, and sired the second prize herd at the same show the next year. He is also the sire of the sow, Rose Loudon, which topped Mr. H. B. Loudon's winter sale at \$300. One of his boars sold in Mr.

Warner's sale the past fall for \$290. He is a hog of great length, with nicely arched back and a good spring of rib. He stands on the best of feet and legs, and is an unusually uniform and sure breeder. Crossed with the females that are included in the sale, bred to him, he cannot fail to produce something extra good. We recommend this offering to our readers with a feeling that in this herd is to be found much blood which has made the breed famous and which has to do with the rapid improvement of the Duroc breed. These gentlemen have been ardent supporters of the Duroc and have not been afraid to put up their money when it was necessary to secure the best. In Illinois Chief, one of the recent additions to their herd, they have an exceedingly good boar, both as an individual and in point of breeding. This boar was second in the under twelve months' class at the Illinois State Fair this past year, and had many admirers for first place. His sire was Tip Top Notcher and his dam was Daisy Improver, one of the best producing sows the writer has ever known. Those present sale day will agree with the writer that if this boar is carried along in as nice condition as at present he will be a fit candidate at the fairs the coming season for something more than second place. Females bred to this boar will prove good additions to any herd and the combination of breeding which Messrs. Manlove Bros. & Norris have collected and put into this sale together with the unexcelled individuality will please the discriminating buyer. We wish to call the attention of our readers to a few of the individuals which go into this sale. Remington's Queen is a March, 1905, sow by Golden Chief, the boar in use at the good herd of Mr. J. A. Teter, of Remington, Ind. The dam of this gilt is Pride of the West, by the Trans-Mississippi Exposition winner, Olympus. Remington's Queen won first in class, was in young herd that won first, first in young herd bred by exhibitor, first in herd get of boar, first on same bred by exhibitor at the Indiana State Fair in 1905, which gives five premiums to her credit. Her full sisters and brothers won first on under year boar, second and thirds as yearling sows, two firsts on young herd at Indiana State Fair, 1906. This sow has raised two good litters and is bred to Hambletonian for March litter. Three very good daughters of Hanley are found in Hanley I, II, III, and all three of them are bred to the good young hog, Illinois Chief. Lady Big I Am and Sister I Am are two Big I Am gilts of February, 1906, farrow. These two gilts will attract the attention of every breeder present sale day. One of them is bred to Hambletonian and the other to Illinois Chief. Three daughters of Tip Top Notcher, Faith, Hope and Charity, are worthy daughters of their noted sire. They are all bred to Hambletonian and should attract the attention of breeders in search of something good. Three yearling sows by Sec's Kan't Be Beat, one of the best sons of Kan't Be Beat and out of Lady Tip Top, a daughter of the old champion, Tip Top Notcher, are bred to Hambletonian and are worthy of special attention at the hands of all present sale day. Another of the good kind all want to see is the spring gilt, Annabelle. She is sired by Tip Top Notcher and is out of Fairview Maid, the sow which topped the Seckman sale at \$305 last fall. This gilt is bred to Hanley and will find ready bids at the hands of the breeders and farmers present sale day. There are a number of other good females in this sale; in fact, this offering is one of the best of the year, and readers of this paper should make it a point to be present sale day and inspect it for themselves. Those who cannot come to the sale will find it to their advantage to secure catalogs at once and if they wish to send bids, same will be properly handled by Mr. D. M. Pierce, representing this paper, if sent in care of Messrs. Manlove Bros. & Norris. Look up the announcement on page 48 and plan to attend this sale.

#### THOMAS & HOGSETT'S DUROC SALE.

The breeder or farmer who is in search of good Duroc Jerseys will find it to his advantage to be present at the annual Duroc Jersey brood sow sale of Messrs. Thomas & Hogsett, at Golden, Ill., on Saturday, February 2d. These gentlemen are among the best breeders to be found in the West. They have been liberal purchasers of the best breeders, and had the nerve to pay \$2,500 for a half interest in the World's Fair champion boar, Tip Top Notcher. In addition to this boar they are using Ambition, one of the sensational yearlings of the past season. The gilts in this sale sired by Ambition are certainly worthy the inspection and careful attention of all breeders in search of something which will improve their herds. Forty-nine head of excellent brood sows have been listed. We wish this week to call attention to a few of the females which go into this sale. U Kan't Best Her 128026 by Ambition was the first prize gilt under six months at the Illinois State Fair, 1906. She is bred to Tip Top Notcher for March farrow. A litter mate, U Need Her 128204, is also included in the offering and is bred to Golden Orion, a son of the noted breeding and show boar, Orion. This cross should result in something fit for the fair circuit of 1906. A yearling sow of exceptional merit is Topple 127534. Her sire was Tip Top Notcher and her dam Perfection Wonder is by The Lad For Me, both World's Fair winners. She is bred to Golden Orion. Gold Drop 142730 is a daughter of Big I Am, and her dam, Golden A., was a prize winner at Wisconsin State Fair. This sow is bred to Ambition. A very good gilt is found in Sweet Marie 142732, another daughter of Big I Am. She is also bred to Ambition. Helen Blazes I, litter sister to Helen Blazes III, goes into this sale bred to Ambition. She should be looked after by discriminating buyers, as she has proven a good breeder. Red Light and Fairview Wonder are two March gilts by Tip Top Notcher and out of Fairview Maid, the highest-priced sow in Mr. George W. Seckman's sale. This breeding has produced some very fine stock and the same can be expected of these two gilts. One is bred to Ambition, the other to Golden Orion. A fine brood sow is found in Perfection Wonder 80204. She was sired by The Lad For Me and her dam was Lady Perfection by Woodburn's Perfection 2123. This sow has been a very good producer and is safe in pig to Tip Top Notcher. Four extra good Ambition gilts are found in Nos. 23, 24, 25,

## HARD TO BEAT THEM

### PERFECTION KEEP ON, CORRECTOR

50 Selected Brood Sows and Gilts to be Sold at Plainfield, Iowa

Saturday, February 2, 1907

Herd boar, Gay Meddler, by Meddler; dam, Thistledown, by Corrector. He is an outstanding individual and breeder, full brother in blood to the world's record breaker, Meddler 2d 111111. Assistants, Midwood Perfection, Keep On Chief, Big Keep On.

Twenty-five fall yearlings and tried brood sows, twenty-five gilts, tops of 100 head. They represent the blood of Chief Perfection 2d, Keep On, Champion Perfection, Brockshine, Ideal Black U S, and the Darkness families. Several years' breeding Poland Chinas has left the tops of the last few years retained in the herd.

We are putting up our first public sow sale and we want to make you glad you came out. We give you the best in stock and it is hard to beat them.

The spring gilts are by Reliance, a son of Keep On. We have the quality, size and prolificness combined with the rich pedigree. You are cordially invited to come to the sale or send bids to the auctioneer or J. A. Benson, in my care, and careful treatment is assured. The catalog goes more into detail and you should write for it.

COL. D. P. McCracken

Auctioneer

BERT FRY, Plainfield, Iowa

Between Waterloo and Charles City on Illinois Central Railroad

## THE GREATEST SALE OF

### DUROC JERSEY PRIZE WINNING SOWS

#### EVER MADE AT

### Kingsley, Ia., February 7, 1907

Winings of 1906 in the strongest hog shows in the world, at Iowa, Minnesota and Interstate Fairs: 3 champions, 6 firsts, 5 seconds and three thirds, all to be sold, besides the rest of our show herd.

Royal Blossom 5th, champion sow 1906, sweepstakes sow at Iowa, Minnesota and Interstate Fairs.

Proud Maid by Proud Advance, out of the champion sow, Royal Blossom 5th.

American Lady, first at Minnesota and first at Interstate Fairs.

Kruger Maid 2d by Orion, out of the great sow, Kruger Maid, second-prize gilt Iowa State Fair 1906.

Belle Johnson by Advance, full sister to Proud Advance.

Belle Royal by American Royal, first in aged herd Minnesota State Fair 1906. Shadland Belle by Red Chief I Am, half-sister to Nebraska Belle.

Lady Roberts by the great sire, Orion, and a grand lot of other show and breeding sows.

A better lot and a more useful lot have never been offered from the Shadland herd. It contains show material and prize winners and the get of prize winners.

Write at once for catalog, mentioning The Homestead.

Edmonds, Shade & Co.

Col. Luther, Auctioneer

Kingsley, Iowa

E. Z. Russell, Ex-President of the National Duroc Jersey Breeders Association, will represent The Homestead at this sale and will attend to any bids sent in his care.

## Second Annual

### Brood Sow Sale

#### From Mulberry Grove Head of Durocs

#### AT SPIKER'S SALE PAVILION,

### Chariton, Ia., Thursday, Feb. 7, '07

Daughters of champions, bred to champions. Forty head of sows and gilts—eighteen daughters of the champion, Top Notcher Again, four daughters of the great Proud Advance. All safe in pig to the sensational champion of 1906, Crimson Wonder Again. Three daughters of Crimson Wonder Again safe to one of the best sons of Proud Advance; two daughters of Nebraska's first-prize boar, Tom Davis. This sale will contain more champion blood than any offering inside the state this year. The individuals will back the breeding. Chariton is on main line of C. & Q. Free entertainment at Depot Hotel in Chariton. For catalog address

H. S. ALLEN, Russell, Iowa.

Cols. H. S. Duncan, Chas. Morehead, D. A. McMains, Auctioneers.

Send bids to auctioneers or L. E. Troger, representing The Homestead. care H. S. Allen.

and 26 of the catalog. They go into this sale bred to Golden Orion and will please all in attendance sale day. Some man who wants to make the right kind of a start in Duroc Jerseys should purchase some of these Ambition gilts. They are uniformly good, and are of the heavy-boned, growthy sort. Dew Drop Girl II is a fall yearling of much quality. Her sire, C. E.'s Col. 12549, has been the producer of much good stock and her dam, Dew Drop Girl, is the daughter of one of the best brood sows the writer has ever seen, Dew Drop Maid 23770. This sow is bred to Tip Top Notcher for March litter. The first prize gilt at the Minnesota State Fair, 1906, was Diana 123402. She goes into this sale bred to Ambition, and the breeder who wants something good should not overlook this sow. Her litter sister is also included bred to same boar and it is doubtful whether the spectator could tell one from another, did

he not see the ear tag. Jennie Red is a fine two-year-old sow. She was first in her class at Illinois State Fair in 1904 and has been a good producer. This offering is far above the average, both in breeding and the individual merit of the stock consigned. Messrs. Thomas & Hogsett will be pleased to mail a catalog to all interested in good Durocs and invite all to be present sale day. As the sale comes on Saturday, arrangements have been made to properly care for all from a distance without any expense whatever, until the sale of Messrs. Fagan, Brownling & McCabe, at Hersman, Ill., on Tuesday, February 5th. Plan to be present at this sale. If those who cannot be present wish to send bids, same will be properly handled by Mr. Dante M. Pierce, representing this paper. Look up the announcement on page 48 of this issue and write for catalogs at once, kindly mentioning The Homestead.



# Northeast Nebraska Duroc Jersey Sale Circuit

THE GREATEST LOT OF DUROC JERSEY BROOD SOWS THAT HAVE EVER BEEN SOLD IN NEBRASKA

## 205

Daughters of Leading Winners and Bred to the Most Noted Boars in the West. The Following Boars are Represented in the Circuit of Sales:

## 205

GLENDALD CRITIC, JUNIOR JIM, ECHO KING, ORION, ARION, RED CHIEF I AM, GOLD DUST JIM, ROYAL TOP NOTCHER AND BELLE'S MODEL, A SON OF NEBRASKA BELLE AND SURE WINNER.

**MONDAY,**  
February  
4th

**Austin Renshaw,**  
**Blair, -:- Neb.**

**40**  
**Head**

Four yearlings, one by Alex Advance, litter brother to Alix II, four by Golden Perfection, one by Cole's Duroc, others by Glendale Jim, out of Lady Alix, the \$425 sow, and twenty-five choice gilts by Junior Jim, the \$5,000 boar. These are bred to the great prize-winning boar Arion, Long Alix and Redwood Chief, a son of Ohio Chief. One of the best gilts that will be sold is sired by Long Alix, and she is a good one. Write me at once for catalog.

Cols. Callahan and Luther, Aucts.

**Tuesday,**  
February  
5th

**Manley & Co.,**  
**Lyons, -:- Neb.**

**40**  
**Head**

We will sell ten Orion sows, ten Junior Jim gilts, nine young John sows, several by Proud Advance, Belle's King, Arion and other noted sires. We will also sell our entire show herd, 1906. These sows are mostly bred to the \$5,000 boar, Junior Jim and Advance Lad, a full brother to Proud Advance. Write at once for catalog.

Colonel Luther, Auctioneer.

**Wednesday,**  
February 6th

**E. Z. Russell,** **-:- Blair, Neb.**

**40**  
**Head**

I am offering for sale twenty-six yearlings and aged sows, balance spring gilts. I am cataloging one of my best brood sows, Eleanor R., bred to Jumbo's Critic. I am also selling a litter sister to Critic's Echo and she is hard to beat; is bred to Crimson Choice, a grandson of Crimson Wonder. There will be a splendid lot of Malcolm Model sows in my sale. Some choice gilt in my sale sired by Glendale Critic and Gold Dust Jim 2d. Write at once for my catalog.

Cols. Luther and Callahan, Aucts.

**Thursday,**  
February  
7th

**Smith Brown,**  
**Waterloo -:- Neb.**

**40**  
**Head**

I will sell twenty choice gilts and twenty fall yearlings and aged sows. These will be sired by Crimson Wonder 2d, Glendale Critic, Echo King and the great Orion. Seven of these gilts are granddaughters of the noted sow, Nebraska Belle, and are bred to a son of Gold Dust Jim. I am selling my great sow, Gold Dust Queen, bred to Belle's Model, and she is a show sow for next year. I also sell a daughter of Nebraska Belle. Write at once for my catalog.

Colonel T. C. Callahan, Auct.

**Friday,**  
February  
8th

**Arch Brown & Sons,**  
**Waterloo, -:- Neb.**

**45**  
**Head**

Just look at our list: Twelve head by Echo King, twenty head by Royal Top Notcher, three by Sure Winner, four by Red Knight, two by the \$5,000 boar, Junior Jim, two by Red Chief I Am, one by Alex Advance, a full brother to the great sow Alix, and we are going to sell our great brood sow, Beatrice Queen, a daughter of Duroc Challenger, and she will be bred to Kan't Be Beat. Others will be bred to Echo King, Sure Winner and Onward Duroc, our three herd boars. Write us for catalog.

Colonel T. C. Callahan, Auct.

Everyone interested in Durocs should send for a catalog of these great sales, and mention Iowa Homestead when writing. Bids sent to M. T. White, Homestead representative, in care of any of the above will be properly attended to.

### Slick's Bred Sows.

Messrs. J. L. Slick & Sons, of Lanark, Ill., breeders of Poland China swine, in sending in copy for the advertisement found on page 30 of this issue, write: "The sows we are offering at private sale are a useful lot and are in useful condition, not loaded down with fat, and will doubtless prove profitable. They are individually a great lot, with extra backs, quarters, feet and legs, good size and quality. Their breeding is like the rest of those which sell in hundreds. Our sows have not been shipped all over the hog belt for speculation. We have not spent thousands of dollars advertising, sketching, cataloging and returning compliments in helping the other fellow to make a 'big average,' but we raise and sell them at live and let live prices, so that our customers may realize profit instead of bankruptcy. We have been in the business for twenty-two years and have witnessed the rise and fall of a multitude of breeders. 'A word to the wise is sufficient.' The sows we are offering are bred to Prince Charming, a large, smooth, heavy-boned, strong, deep-quartered, showy two-year-old son of Prince Alert, the Iowa State Fair winner in 1904; also to Chief Perfection I., a full brother in blood to Chief Perfection II., a great breeder, of growthy, smooth, mellow, daisy fellows that sell at sight. Also a few to Challenger 81225, a full brother to the mighty champion, Mischief Maker, and a host of great hogs. Challenger is also an excellent breeder and among his get are many show prospects. Nothing on the farm that is not of the most

popular blood lines. If anyone is wishing to start a herd or to introduce some popular blood in his herd, he will do well to give us a trial. Considering the quality of the goods, our prices are astonishing. We also have a nice lot of late summer and fall boars that will make good herd headers another year. Kindly mention this paper and write your wants to us." See advertisement on page 30.

### Big Sale of Registered Percheron Mares and Stallions.

On page 36 appears the announcement of Mr. E. F. Rogers and others of an important sale on Wednesday, February 6th, at Union, Iowa, of twenty-three Percheron stallions and mares and three German Coach stallions. Mr. Rogers himself contributes thirteen head, including five splendid Percheron mares, all in foal; the remainder being fillies and stallions. Included in the number is one imported mare. Mr. F. A. Frost, of Grundy Center, Iowa, is the next largest contributor and sells five Percherons and three German coaches. There will be eleven stallions in the offering. These horses have been reared out of doors in the ordinary farmer's way, and have not been pampered or specially fitted for the sale ring. Nevertheless, this does not detract in the least from their usefulness in any way, but is rather to their advantage from the fact that this class of stock in the hands of new buyers will go on and continue to improve. This offering

of twenty-six head will certainly afford the farmers of Iowa the best opportunity to secure registered Percheron stallions and mares at their own prices, and the sale being located almost in the geographical center of Iowa, makes this point of Union easily accessible from all parts of the state. The town of Union is located about eighteen miles north of Marshalltown on the Iowa Central railroad. In addition to the principal part of the offering made by the two gentlemen named, there will be four or five other stallions contributed by breeders of central Iowa. The ages of these horses range from weanlings to aged stock; they are all registered in the Percheron Stud Books of America and certified copies of registration will be furnished with each sale. All the mares of breeding age are bred either to good imported stallions or to the best home-bred ones in the community. All mares three years old and over are thoroughly broken to work. With land selling at \$100 per acre, and over, it stands the Iowa farmer in hand to cease using grades for doing his farm work, and use registered mares of some of the pure-bred draft breeds for this purpose and raise a colt each year that will be worth the price of two or three grades. This can only be accomplished by the purchase and use of such high-class mares as will be found in this sale. At this writing we have not a complete catalog at hand and can only say that it is in the hands of the printer and will be ready for distribution by the time this article is read by more than 100,000 of our readers. Inas-

much as these contributors are comparatively new to our readers and new to the fraternity aside from their immediate community, it may be possible that this is a splendid opportunity for farmers and breeders to secure high-class stallions and mares at a less price than is ordinarily paid for the same at the more important sale centers or in sales where the consignors have national or state-wide reputation. Application for the catalogs should be made at once to Mr. E. F. Rogers, of Union, Iowa.

### B. C. Martz's Sale of Growthy Durocs.

Following the sale of Mr. A. P. Alsin at Boone, comes that of Mr. B. C. Martz, at Polk City, Iowa, to take place February 13, 1907. The selling will take place at the farm, which may be reached from Ankeny or Polk City; however, if possible, visitors should stop at the latter place. For the sale forty head have been selected, consisting of nine yearlings which we can honestly say are as large and well-formed hogs of this age as we have seen for some time. They should be a great attraction, as their breeding is representative. Among them will be some prize winners at the last Iowa State Fair. You can safely send a bid on these. The gilts are a very even matured lot and are sired by Model Chief, a prize hog, Keep On, Joe Patten, Manly Orion and others. They are mostly bred to Ohio Chief and Keep On 2d. Get posted on this sale by sending for a catalog at once. On page 35 is the formal announcement.



## Griffitt's Duroc Sale.

The reader of this paper who is familiar with Duroc Jerseys and is in the market for good ones will find it to his advantage to be present at Bowen, Ill., on Thursday, January 31st, on which date Mr. H. B. Griffitts will offer to the public one of the best lots of Durocs to go under the hammer this season. In our issue of last week we were pleased to present to readers of this paper something in regard to the herd boars which Mr. Griffitts has been using in his herd, and it is hardly necessary to state that they represent some of the best blood that the breed has ever known. Individually they are of show-yard merit, and will compare very favorably with the best to be found anywhere. The females which have been selected for this sale have not been pushed, as some are for show purposes, but have been put in splendid breeding shape, and the writer is sure that the offering will please all present sale day. We wish to call the attention of our readers this week to some of the sows which go into this sale. Queen Quality is a September yearling by the noted Kan't Be Beat. Her dam is Xenia Belle by Top Notcher, and was first in class and sweepstakes sow at Ohio and Indiana State Fairs in 1905. This splendid yearling was bred to Top Notcher Chief, first prize junior champion and reserve grand champion at World's fair, and is one of the attractions of the year. Two Big I Am gilts of March farrow are listed bred to Helen's Tip Top Notcher 2d, a litter brother to Helen's Tip Top Notcher, the highest-priced Duroc Jersey boar ever sold at public auction. They should prove valuable additions to any herd. My Choice, a daughter of Buddy K. IV., goes into the sale bred to Top Notcher Chief. This is a tried brood sow of more than ordinary merit and has proven herself a good producer. Ethel Mc, a fall yearling by The Great Conqueror, is a litter sister to the sow which topped Messrs. McNeil Bros.' sale last fall at \$400.

owners of Commodore, bred to this great boar. The opportunity is seldom given to breeders to buy as good a sow as this one bred to as good a boar at their own price. Mr. Griffitts has gone to a great deal of expense to secure such sows, and brings them to your door, thus saving the breeder's expense of traveling and shipping. This sow should be looked after by breeders who wish to improve their herds. Helen Blazes V., one of the highest-priced litters ever sold at auction, goes into this sale bred to Hanley. This sow is sold for no fault, but is included solely as an attraction, and to wind up a partnership. This sow has proven herself a good breeder and a good mother, and will do well for the man who secures her. There are other very good sows in this offering which for lack of space we have failed to mention, but the readers of this paper who are interested in this sale may secure catalogs and find therein as good a lot of Durocs as will go under the hammer this year. Those who cannot be present sale day may send bids to Mr. D. M. Pierce, representing this paper in care of Mr. Griffitts, and he assured that they will be properly handled. Plan to attend this sale and go on through the circuit. This is the first of a series of sales to be held in the vicinity of Bowen and Golden, and the offerings are of such a nature that breeders are warranted in attending these sales. See announcement on page 48 of this issue and write for catalog, kindly mentioning this paper.

## Mossman's Bred Sow Sale.

One of the Duroc Jersey brood sow sales that is deserving of more than a passing notice is that of Mr. A. L. Mossman, at Radcliffe, Iowa, on January 29th. Mr. Mossman has a herd that is made up of the most popular blood lines, and the hunch of sows that he is selling in his forthcoming sale must be considered one of the good offerings of this year. The breeders will remember

## Two Grand Sales

70 HEAD DUROC JERSEY BRED SOWS  
MAXWELL, STORY COUNTY, IOWA 70

Friday, February 8, 1907

On my farm seven miles south of Maxwell and one-half mile from Farrar, I will sell THIRTY-FIVE HEAD choice sows and gilts. Offering will contain two aged sows sired by Carlin 14037, a hog bred by Mr. N. P. Clarke. They have regularly produced large litters and are safe in pig to Perfection King 41711. There will be eight fall yearlings sired by Reed's Cashier 25675, a grandson of Advance, and also by Gold Standard 33231. This part of the offering is bred to Perfection King, one of the well-bred red boars of the day, and a very prepotent sire. The twenty-six head of gilts are sired by Perf. King, Manly Orion and Long Tom. As smooth and growthy a bunch as you will find this spring. Bred to grandsons of Crimson Wonder. A choice collection bred right and fed right. Send for catalog.

O. Osborn, Prop.

Saturday, Feb. 9, 1907

At Shyrock's sale pavilion in Maxwell on the above date I will offer at my third annual sale THIRTY-FIVE HEAD, consisting of mature sows and yearlings which represent the blood of Orion, Duroc Challenger, Proud Advance, Billy K., Top Notcher and others. Many of these I reluctantly put in the sale. You will find every one of them O. K. They have demonstrated their ability to produce prize winners by the ribbons their progeny have taken. Among the gilts are many of their produce sired by Malcolm's Model II., Manly Orion, the sire noted for home, build and prepotency, also by Keep On 2d and 3d. My gilts are well grown and in prime condition. I have mated the individuals in the offering with Malcolm's Model and Tom Wonder 51699, a son of Crimson Wonder Again, the champion. Be with us and we will return the favor. Catalogs now ready for mailing.

W. J. HARTUNG

COL. F. F. LUTHER CONDUCTS BOTH SALES and will give bids sent him in care of consignors the best attention. Mention The Homestead when sending for catalog.

POLAND CHINA BROOD  
SOW SALE

At Aledo, Ill., Thursday, February 7, 1907

40 Head of Aged Sows and Gilts

Twelve aged and yearling sows, twenty-eight March and April gilts. A choice lot of matured sows and gilts of choicest breeding and individuality. They are mostly the get of Faultless Perfection 2d 70889, Perfect Sunshine 71895, Rising Sun 2d 92463, Perfection E. L. 71635, Young Delight 104551, On and On 2d. These sows are bred to Young Delight 104551, On the Dot 2d 117431, Young On and On 2d 116061 and Young America 117429.

This is a good, useful lot of heavy-boned, growthy sows, and they are the money making sort. They have been fed for usefulness, and not for show, thus insuring buyers success with pigs. Write for catalog, kindly mentioning The Homestead. Bids sent to Mr. D. M. Pierce, representing this paper, in our care, will be properly handled.

Bridgford & Nesbitt, Aledo, Ill.

## Geo. H. Miller's Short-horn Sale

IN THE HEATED SALE PAVILION

Harlan, Iowa, Wednesday, February 6, 1907

45 HEAD, 30 Females, 8 with Calves at foot  
12 to 15 bulls from 9 to 24 months of age 45

Few sales will be able to show as uniform and as beefy a lot of cattle as I will sell in this sale. They will all have from one to five Scotch tops, and the greater number of my foundation stock was purchased from the late T. R. Westrope. I have used two half-brothers of the great cow, Sweet Violet 2d, at the head of my herd. Some of the helpers and all the bulls in the sale are sired by my pure Scotch bull, GLOSTER BUD 194649, which good judges pronounce one of the good Scotch bulls in the state of Iowa. The heifer stuff is bred to Idlewild Favorite 200411, an extra fine Scotch bull, the sire of two steers and one young bull now being used by the Nebraska Experiment Station, the steers for feeding experiments, the bull for breeding. All cattle guaranteed to be breeders. Write me for catalog. Address,

COL. GEO. P. BELLONS,  
Auctioneer.

GEO. H. MILLER, HARLAN, IA.

that our readers can get what they are looking for in his sale. He certainly has a lot of well-bred Durocs, and he is going to offer them at public sale on Jan-

uary 29th. We hope those of our readers who want Duroc Jersey sows will send for catalog and then remember him on sale day.



Mr. H. B. Griffitts, of Bowen, Illinois, proprietor of Suburban Herd of Duroc Jerseys. See field notes.

She is safe in pig to the noted breeding and show boar, Hanley. Two especially attractive sows are found in Goldie Notcher I. and Goldie Notcher II. These two sows are daughters of the grand champion boar, Tip Top Notcher, and on the dam's side trace to Kan't Be Beat. One of them is bred to the noted boar, Proud Advance, and the other to Fancy Orion Chief. The breeder or farmer who wants something good should not overlook these two sows. Queen Dotie is an April gilt out of the grand champion sow at the World's Fair, Dotie. She is bred to Helen's Tip Top Notcher II. This sow is one of the best prospects to be sold this year. She is a product of the champion sow; is bred to a son of the grand champion boar, and her sire was a state fair winner, and she is good enough individually to go into any sale ring or show ring of this country. Breeders who want to improve their herd should not fail to see this gilt. Four daughters of Ambition, winner of first prize ribbon in the under six months class at the Illinois State Fair, 1905, and the breeder's choice for first again in 1906, although being placed second in under year class, are worthy of a place in any herd. All four of them are bred to Top Notcher Chief. Big Gold Dust Rose is a very good yearling by Big I Am and out of a Tip Top Notcher sow. She is bred to Fancy Orion Chief and should prove an exceedingly good bargain for someone, no matter what the price. A yearling daughter of High Chief, one of the best sons of the noted Ohio Chief, and the top of Mr. H. E. Watson's fall sale goes into this sale bred to Commodore. We doubt if another sow will go into any sale outside that of the

that the noted boar, Tientsin, the sire of the great show sow, Ruberta, that won first at the Iowa State Fair, formerly headed this herd. There will be a number of his daughters in this sale, and no breeder will go wrong in buying them. The boars now in use are A. L.'s Chief 43327, a son of I. J.'s Chief by Winchester Chief; J. Wonder 43861, a son of West Side, a litter brother to Crimson Wonder; Iowa Chief 48695, a son of Ohio Chief, dam Queen Beatrice by Crimson Wonder; King Radcliffe 55871, a son of the noted show boar, Corrector, out of a Longfellow dam. These boars are as good a lot as is ever found in one herd, and represents a line of breeding that is decidedly popular. They will be used on the sows that go into the sale. We desire to call attention to the Tientsin sows. There are four yearlings and one spring gilt, and they show the same character and resemble their great half sister, Ruberta, in many ways. They are all safe in pig, some for early farrow, and there will be some decided bargains in these because there has always been a great outcome to them. One of the good things is an Ohio Chief gilt, out of a Crimson Wonder dam, and she will be one of the best things in the sale. She is bred to King of Radcliffe. A great many of the gilts are sired by A. L.'s Chief, and they are a first-class lot of gilts in every way. We wish to say for Mr. Mossman that he not only has the most popular blood lines, but he is a good feeder, and he always puts up an offering that pleases the buyers when they come to his sale. He is selling some choice yearlings and some good matured brood sows, and we believe



### Moats & Sons' Splendid Poland China Offering.

One of the firms that it is always a pleasure to call the attention of our readers to their sale, is that of Messrs. Harvey B. Moats & Sons, of Villisca, Iowa. They make their annual brood sow sale on February 5th, at which time they will sell forty-five head of as good and as toppy a bunch as will be found in any sale ring. In this year's offering they are selling a lot of sows that will have plenty of size. Thirty-five of these are fall and spring yearlings, and a few matured sows. They are selling a very attractive two-year-old sow, a daughter of the noted boar, Chief Perfection 2d, and she was bred to one of their present herd boars, Shamrock, on November 12th. This sow was bred by Mr. Link Lukens and he says she was one of the best he has ever bred. Another good sow they are selling is a yearling daughter of Perfect Tecumseh. The sire of this sow is a litter brother to Perfect Perfection and just as good a breeder. She is good enough to go into any herd and is bred to G's Equal November 10th. Best Elect 5th is one of their old standbys. She is a large sow and raises good pigs, the kind they have always had a demand for. Mr. E. L. Jamlson, her former owner, sold four hogs from her for \$250. She is an excellent brood sow and goes into the sale bred to Shamrock. We have seen the Moats sale offering and will say to Homestead readers that they are strictly all right. They are using their old boar, Shamrock, on these sows, also Big Perfection Stamp 29743, a son of Big Perfection, that formerly headed their herd, and was considered one of the greatest Poland China boars ever used in southern Iowa, also a son of G's Perfection. This herd has always had the reputation of having all kinds of quality, and with the size that some of these sows show, we will simply say to our readers that if they want something very choice they

find them as good as a national bank. The cattle are a good, practical lot. The cows have plenty of scale, are exceedingly good breeders, uniform in type and color, and are sold by a reliable breeder. The young bulls are a particularly attractive lot, and well grown out. Write Mr. Miller at once for catalog and kindly mention The Homestead.

### William Lentz Makes Sale of Poland Chinas.

It is with a great deal of pleasure that we introduce our readers to a new breeder in the Poland China business. New merely in the sense that he is about to make his first sale of sows and gilts, to take place at Ankeny, Polk county, Iowa, Friday, February 8th. For a number of years Mr. Lentz has been looking forward to the time when he could entertain his fellow breeders at a sale made up of stock of his own breeding. From time to time new individuals of recognized breeding have been added to the herd. The foundation stock was chosen from strains of blood that are especially noted for straight limbs and strong pasterns, long, deep bodies and good breeding qualities. Among the foundation sows some of which will be included in the sale, will be daughters of Johnson's Chief 62243, the sweepstakes boar at the Nebraska State Fair in 1902. He was at one time at the head of the herd of Mr. J. Blain, of Pawnee City, Neb., and his get was always sold for good prices. Others are by Chief Perfection 2d and Nemo L's Dude, both boars of recognized merit as individuals and sires. The gilts are a very even bunch in size, type, and quality, and are just what a great many breeders and farmers are looking for. They are large for their age, many will tip the scales at 300 pounds on sale day. They are sired by Tecumseh Longfellow 87375 and are bred to two very good boars, one a son of Top Chief and another of Blain's Tecumseh. Sale will be held in town and we would

## The Ames, Boone, Polk City Sale Circuit. In Central Iowa.

Four days' sales, February 11 to 14, inclusive.

### 160 Duroc Jersey Bred Sows and Gilts 160

February 11, Ames, Iowa.

I will sell on my farm, four miles southwest of town, 35 HEAD, consisting of fourteen tried sows and yearlings and twenty-one gilts. The mature sows include some very attractive numbers: Five are sired by Iowa Thomas, a Des Moines prize winner; another is Ruth G. 2d, the dam of Ruberta, the prize-winning yearling at Des Moines, 1906. There are five of her gilts in the sale. Gilts are sired by Manly Orion, one of the good boars of the day, others by Keep On 2d, Malcolm's Model 2d. Here is a chance to secure some of the best blood with individuals of superior excellence. Send for catalog. Sale under cover.

S. P. Freed.

February 12, Boone, Iowa.

For my offering I have selected and am preparing 45 HEAD of my best breeding and young stock. Among the seventeen yearlings and tried sows will be daughters of Old Brilliant, Young Pilot, King West, Belle's Perf. King, Teddy R. and others. Among them will be producers of prize winners and all are reliable regular breeders. Violet Blossom, dam of champion sow at Sioux City, 1906, is included. The gilts are sired by Ohio Chief, Proud Advance and Arion's Type, also to Advance Dandellon. They are bred to several boars, among which is Nash's Model 21395 and a Crimson Wonder and Tip Top Notcher boar. Write for catalog. We welcome you to Pine Hedge Farm.

A. P. Alsin.

February 13, Polk City, Iowa.

On the above date I will offer for sale on my farm near town as growthy and well-bred a bunch of sows, yearlings and gilts as will be sold this spring. There will be 40 HEAD in all and will include nine yearlings and thirty-one gilts sired by Top Notcher Chief, Joe Patten, Model Chief, Keep On, Manly Orion and others. I have mated the offering to the best blood I could secure, such as Ohio Chief, Keep On 2d and a Crimson Wonder boar. Size and bone with the best breeding is my hobby. Send for my catalog.

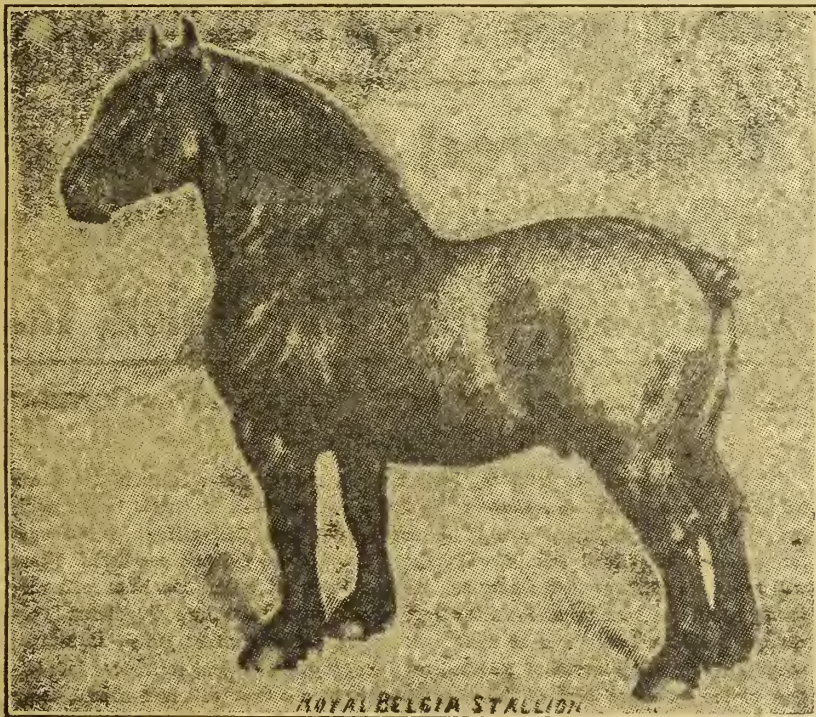
B. C. Martz.

February 14, Polk City, Iowa.

Our sale will be held on the farm near that of Mr. B. C. Martz and for our offering we will have 45 HEAD which will be made up of fifteen mature sows of recognized breeding, representing the blood of Orion, Reed's Banker, Tientsin and others. They are good producers, having raised us two litters regularly each year. The fifteen head of fall yearlings are sired by Challenger II. and as many gilts sired by Orion's Rival and Model Jim. We have bred the offering to three good boars, a grandson of Billy K. and one of Malcolm's Model and Councillor 57237. We want you to have our catalog.

Shotwell & Menefee.

Col. F. F. Luther conducts the selling.



A three-year-old roan Belgian stallion, weighing 2,100 pounds, sold last November by Messrs. Peter Hopley & Son, of Lewis, Iowa, to go to South Dakota. They are the pioneer Belgian importing firm, and have a grand lot of stallions now in their barns. Anyone who wants a Belgian stallion should see the Hopley horses. They sell their horses right at their farm, and consequently the prices are always right.

will find it in the Moats sale. There is not a more reliable firm in the hog breeding business than Messrs. H. B. Moats & Sons. Write at once for catalog and kindly mention The Homestead.

### Geo. H. Miller's Short-horn Sale.

On Wednesday, February 6th, Mr. George H. Miller, one of the most representative Short-horn breeders in Shelby county, will make a public sale of forty-five head of cattle, at the sale pavilion in Harlan, Iowa. Mr. Miller has been breeding Short-horns for the past twenty-one years, and the most of his foundation stock was purchased from the late Mr. T. R. Westrope. He has always kept a Scotch bull at the head of his herd, and everything that goes in the sale will have from five to six Scotch tops on them. He is selling forty-five head—thirty females, eight with calves at foot, and from twelve to fifteen holls. The holls will range in age from nine to twenty-four months, and are a sappy, growthy and well-developed lot. Here is one of the very best places we know of to secure a car load of young holls. These holls are all sired by his well-known Scotch bull, Gloster Bud, that has stood at the head of his herd for the past few years, and a Scotch holl of considerable reputation. He has been an excellent breeder and the young holls and the heifers are to be sold in this sale are all sired by him. The cows are large, very beefy and there are some good milkers in the bunch. The offering is very uniform in color, nearly everything being a dark red. Eight of the cows will have calf at foot by Gloster Bud. Within the past ten years Mr. Miller has used two holls at the head of his herd that were half brothers to the noted cow, Sweet Violet 2d, that sold in the Westrope dispersion sale for \$3,705. The heifers that he is offering are all bred to Idlewild Favorite 200411, an extra good Scotch bull, and the sire of two steers and one young holl, now being used by the Nebraska Experiment Station, the steers for feeding experiments, the bull for breeding. All the cattle that go into the Miller sale are guaranteed breeders, and the man he-

advise breeders and farmers to give this sale their attention, as it will contain many very useful numbers. When sending for catalog kindly mention The Homestead. Remember the date and see further notice of this sale on page 34.

### S. P. Freed's Grand Duroc Sale.

Among the names of Iowa breeders who have achieved splendid success breeding red hogs will be found that of Mr. S. P. Freed, of Ames, Iowa. A good share of this success is due to the fact that Mr. Freed has always been very careful in the selection of his herd header, being one of those men who believe that this position in the herd cannot be too well filled. By the purchase of Manly Orion, conceded one of the best sons of old Orion by many of the best swine men, the herd has been greatly benefited. No other herd is so well and favorably known for strong, straight bone combined with moderate scale and excellent quality as this one. Manly Orion has made a record in the show ring, winning second in his class at the Iowa State Fair in 1905 and was the favorite with many in 1906 at the same fair for first place. As a producer of first-class stock he has proved a splendid sire, always impressing his good characteristics on his get. There will be a great many of the offering in the sale that will be sired by this noted hog, likewise many will be bred to him. Here is your chance to secure some of the blood of this splendid sire. Can you afford to miss the opportunity? Sale will be held under cover and transportation to and from the farm will be furnished. Send for catalog and turn to page 35 for further announcement.

### Rankin's Brood Sow Sale.

On February 1st, Mr. W. A. Rankin will sell forty of the very best sows in his herd at Carson, Iowa. Here is a herd that has made rapid strides to get to the top, and his offering is by far ahead of anything he has ever sold before. As an attraction he has consented to sell Miss Brown, one of the

## ATTENTION! POLAND CHINA BREEDERS. AT WOODWARD, DALLAS CO., IOWA.

I Will Offer on February 11, 1907,

**8 Tried Sows** Valuable producers, in the best of condition, with produce among the gilts. Sired by Proud Perf. 2d and a son of Johnson's Chief 62243.  
**6 Yearlings** Sired by One Spot 90201, one of the good hogs at Des Moines in 1904. These are big ones and breed, with every indication of prolific producers.  
**26 Gilts** Sired by Mischief's Model 98435, Hands Down 105713, One Spot, Jumbo 91987 and Mainspring 102681. They are as large and as well formed as are to be sold this spring. Bred to Perf. King, a hog of wonderful bone, back and ham. Size and bone are my hobby. Remember the date, Monday, February 11th.

D. S. NEEDHAM, Prop.,

WOODWARD, IOWA

COL. H. S. DUNCAN, Auctioneer.

## 50 HEAD DUROC JERSEY BRED SOWS 50

"Big Bone, Good Size, Plenty of Length," My Motto.

RED OAK, IOWA, FEBRUARY 8, 1907.

I am selling a splendid lot of yearling and matured sows and spring gilts, the best ever. There will be fourteen granddaughters of Red Chief I Am and the great Nebraska Belle. Others sired by Brighton Wonder (a full brother to Crimson Wonder) Higgins Jr., Jim's Gold Dust, Miss Bob's Wonder, Educator and Hardy's Improver. They will be bred to Peerless Chief, a son of Ohio Chief; Belle's Red Chief (a son of Nebraska Belle), Educator and Royal Knight. My fall sale of sixty head of boars averaged me \$28, the best sale of the season. Write me at once for catalog and come to my sale. Address,

T. H. ISAAC,

RED OAK, IOWA

Col. Bob Adkins, Auctioneer.

## BABCOCK'S FIRST ANNUAL POLAND CHINA SALE.

MANNING, IOWA, SATURDAY, FEBRUARY 2, 1907.

**50 HEAD** | 40 Big Sows safe in pig to Brookline's Express, Illinois Interstate prizewinner, and the massive boar Long John, not a show hog, but a wonder. | **50 HEAD**

THESE sows are the best I have ever owned or seen put in one sale. Thirty head are yearlings or past and will weigh from 300 to 700 lbs. All are to be sold with a guarantee that will be absolute. Ten head are gilts with plenty of bone and quality; 10 head fall pigs, 5 boars, 5 gilts, the cream of the bunch of 80 head. Plan to come and I will make the day a pleasant one. Send for catalog.

ERNEST S. BABCOCK,

COL. GEO. P. BELLows, Auctioneer.

MANNING, IOWA

best daughters of old Orion, and she is bred to the great boar, Ohio Chief. He hates to part with her, but he says he is selling the best and she goes with the rest. Another good sow that he sells is Glendale Belle, the dam of the Glendale Critic litter that he raised last year. She is another of the good things and will be bred to Wonder's Ohio Chief, a son of old Ohio Chief. He will also sell five granddaughters of Gold Dust Jim, and they are good ones. He is selling

a nice, smooth Glendale Critic gilt bred to the Ohio Chief boar. There are some good yearlings in the sale and some good brood sows. They are bred to Miss Bob's Wonder, a son of Crimson Wonder; Proud Lady's Orion, a son of the noted sow, Proud Lady, and he cost Mr. Rankin \$425 as a pig. Then he has Wonder's Ohio Chief, a splendid young boar sired by Ohio Chief. Write for his catalog or send your bid to Mr. M. T. White, of the Homestead, in care of Mr. Rankin.



## GRAND CENTRAL IOWA DUROC JERSEY SALE CIRCUIT. FIVE DAYS' SALES, FEBRUARY 4TH TO 8TH INCLUSIVE.

200--The best work of six noted Iowa breeders. Daughters and granddaughters of prize winners. Representatives of choice strains--200 Bids will be cared for by C. E. Luther or L. E. Troeger of this paper, to be sent in care of the respective consignor.

February 4, 1907, Roy West, Bondurant, Iowa.

**WILL sell FORTY HEAD** of tried sows, yearlings and gilts from the Polk County herd, 2 miles from town. There are nine daughters of Matchless Challenger 37301, 5 daughters of Col. Newburn, 4 by King Perfection, a son of Bunker Boy 11; 4 daughters of Young Advance 44315, a good son of Proud Advance, and 5 of Onward 36833, by Long John Son 26501. Others are sired by two noted sons of Old Orion, namely Manly Orion 30925, and Proud Orion 31337. Also by Billy K 20373, Tentslu 17261 and others. The sows are bred to the herd book, Goldie O's Top Notcher 52647, a son of the St. Louis Champion. The gilts are bred to Kau't Be Beat 1 Know 52645, by Kau't Be Beat and Orion Chief 1 Am 52125, by "Old Orion." Here is some of the best blood of the breed. It will be in fine condition sale day. Write for catalog in due. Col. C. E. Luther, Auc.

February 5, 1907, Sam. Sundburg and O. A. Olson, Madrid, Boone County.

**OFFER**, at the farm of the former two miles north of town, FORTY HEAD, consisting of ten yearlings and tried sows which have proved first-class producers and are sired by Madrid Perfection 30223, Nush's Model 21395, Perfect Sunshine 38483, Red Dick 53243, King Perfection and Eclipse. These sows are bred to Gold Dust Pete 45323, a grandson of Hugh Tucker 8963, also to Golden Model 53675, and Advancer Boy 53869, a grandson of Advance. There will be thirty gilts of choice breeding, some of early litters, and sired by Duroc Wonder 32008, by Crimson Wonder 26355; also by Madrid Perfection, Gold Dust Pete and two good sons of Proud Advance. The gilts are mated to Advancer Boy 53869, a heavy boned, smooth bodied son of Advance; also to Ohio 56105, a son of Ohio Chief, and to Golden Model by Golden Hero 12505 (a.). Prolificacy and scale with plenty of quality are well represented in this offering. Kindly mention The Homestead when sending for catalog. A good dinner on the side. Auctioneer, C. E. Luther.

January 7, 1907, A. T. Sundell, Paton, Greene County.

**WILL offer** at his farm six miles east of town FORTY HEAD of bred sows and yearlings and twenty-eight gilts. Some of the best sows are Miss Ruth, sired by Tentslu 17261, a sire of prize winners. Another is Melinda Lady by Lord Roberts 17339 and a grand daughter of Ohio Auntie IV. Also Ellen V 122940 by the same sire and out of Ellen Roberts 22480. The sows are bred to the several sires, Lord Roberts, King West 26163, Admiral 43273, Sundell's Advance, and Sundell's King. Of the twenty-eight gilts, there are seven sisters sired by Scratch 26159 and others related to him. Most of this breeding is mated with Sundell's Advance. Others are by Sundell's Choice, Jerrie Roberts and others. Put are bred to Sundell's Top Notcher and Sundell's King. The individuality here is as good as the breeding. A good chance to select some show stock as well as good valuable producers. Drop a postal for catalog. The best treatment assured. C. E. Luther, Auc.

January 6, 1907, W. E. Bennethum, Madrid, Boone County.

**SELLS FORTY HEAD** of bred sows and gilts that are O. K. in every respect. The seventeen head of tried sows will include such attractions as Miss Advance 126766 and May Advance 136992, litter sisters as good as any sired by Proud Advance. Another is Miss Rose 93806 by Billy K. This sow won second at Des Moines in 1904, second in young herd and third in get of sire. She has a show gilt in sale, and is bred to Keep On 3d. Belle 94612 is one of the good ones and a great producer, sired by the sweepstakes Des Moines Fair hog Gold Dust Jim. There will be others as good, besides seven fall yearlings, all large and growthy and bred to Keep On 3d for early litters. The twenty-three head of gilts are as even a bunch as will be seen at any sale this year. They are from early litters, and for size and quality are hard to beat. Three are sired by Advancer 28773 out of Top Notcher Chief sow. Others by Keep On 3d, Biddle R 104778 and Malcolm's Model 11 42735. Many are bred to Ohio. What do think of such a collection, combining breeding with high merit? Sale in heated building. Come to Cedar Lawn Farm and get your eye full of good hogs. Send for catalog at once. C. E. Luther, Auc.

February 8, 1907, E. R. Wood, Jefferson, Greene County.

**40 HEAD**, including sixteen aged sows and yearlings and twenty-four gilts. The blood of Proud Advance, Orion, Crimson Wonder 1 Am, Jumbo Red, Corn Cracker, Top Notcher Chief, Perfect Chief, Top No cher R., American Royal, Cantine Boy, Lluwood Cashier and others. Sale to be held in heated tent on farm six miles northwest of Jefferson. Some of the sow attractions are: Lady Top Notcher, a splendid individual as a producer, and is a hundred dollar sow, sired by Top Notcher Chief 29247; another is Lluwood Cashier, a four-year-old; also two two-year-olds by Long Knouth 25379, two by Bristol Jumbo 33095, and one by Radiator 23866, tracing to Corn Cracker 14205. The sows are bred to Clovercroft Orion 37515, a son of old Orion out of Peerless Beauty 71360. The gilts are a nice growthy lot of with plenty of size and are sired by Otto 13321, Top Notcher R. 40457, and Clovercroft Orion. The gilts are mated principally with Crimson Wonder You Are. All parties will stop at Jefferson, where conveyances will take them to the farm. There should be something here to please everyone. Kindly mention The Homestead when writing for catalog, and be sure to attend. C. E. Luther, Auc.

### Norrish & Bevington's Sale of Durocs.

On January 31st, Messrs. Norrish & Bevington will make their annual brood sow sale at the farm near Kingsley, Iowa. That they are putting up a most excellent offering is attested by every man that has seen them. This sale draft consists of twenty-five March and April gilts, ten yearling sows (fall and spring farrow), and four or five older sows, the whole lot selected as being representative of the best the big herd affords. The gilts are sired by the old head of the herd, Pericles H. 29733; Sir Riley 29375 by the famous Advancer, out of a Duroc Challenger dam; King James 37341 by Ohio King; Jumbo Giant by old Jumbo Red; Cedar Lawn Model 39379, a this year's second prize winner at Sioux City, by Defiance 30015; and Don Caesar 39373 by Noble King by King Perfection, and out of a dam by old Duroc King. This Sir Riley, mentioned above, is a very long, generously built, well-put-up boar that is in use at Mr. Bevington's place and doing fine work. It is hard to name a stronger list of fine hogs as sires of sale stuff than we have just written out, and what is better, the individuals themselves are there. Mr. Bevington has not crowded these gilts—they are just in prime breeding shape, growthy and smooth, of nice color, add with the capacity of fine brood sows. Old Pericles H. was used for several years in this herd and his stamp is found on much of its best stuff. He won second prize in the aged class at Sioux City this year in competition with several other very strong boars; he did the same last year and the year before. Among the older sows we will name two or three as being especially good to look out for. Fashion Queen 12th 71528 is a first-class all round sow by Iowa Banker 2389, out of Fashion Queen 10th, by old Advance, that is included in the sale simply because they want to show the people that they are not afraid to sell some good ones. This sow is a mighty fine animal and won at the World's Fair at St. Louis as a pig. She is bred to Cedar Lawn Model. Try to buy her. Her daughter, a yearling by the old sire of great hogs, Advance, is also in the sale and is another case of bargain for someone. Jem Advance 129910, by old Proud Advance, the \$3,000 boar, out of an Orion dam, is an all right, good, big, smooth, broad sow that sells. And then there is Topsy Orion by old Orion, out of a Peerless dam, that is one of the sure good ones. She raised ten pigs this year that are all O. K. There are also two or three fall yearlings by Pericles H. that should be emphasized. The sows are all bred to one or another of the four boars, viz., Cedar Lawn Model, King James, Sir Riley and Red Prince 52695, a big, long, smooth spring pig with fine back, sides, feed and bone, by Cedar Lawn Model, out of a Royal American dam. And Cedar Lawn Model himself is a model of big bone, good feet, fine hams, head and ribs. It is a most excellent offering of Duroc sows. Write for catalog and mention The Homestead.

### G. W. Fink's Angus Dispersion.

Attention of the Angus men of the corn belt is once more called to the dispersion sale of the Glenmar herd of Aberdeen Angus, owned by Mr. Geo. W. Fink, of Maryville, Mo. We last week spoke of the bulls that go in Mr. Fink's sale and we now wish to call attention to the superior lot of females to be sold. As every cow and heifer that Mr. Fink owns is to go in this sale buyers will be given such an opportunity as is only found in dispersion sales. Starting with Lot 2 of the catalog we find the Blackbird cow, Eclipse, that was got by the great Moon Eclipse. She will be found a smooth, tidy, beef type, good at all points and a producer. Lot 3, Queen Ida of Mid-night, a Queen Mother, will be found a low-down cow, a typical Angus and a reliable producer of good things. She sells with heifer calf at foot by Black Monarchist. Some breeder wishing a choice cow should watch her sale day. Lot 7, Orleans Queen, is another Queen Mother that should appeal to some critical buyer. She is one of those smooth, thick-fleshed, easy keepers and a good one to own. In Lot 3, Home Dale Erica 2d, Mr. Fink sells one that is fashionably bred, and an absolutely good heifer just past three years of age. She was got by a son of the great prize-winning Blackcap King and out of a daughter of the champion Heather Lad 2d. Lot 4, Pride of Heatherlon 12th, imported in dam, is one of the most desirable things Mr. Fink ever owned. She was got by the great Juba of Morlich and out of Imp. Pride of Aberdeen 164th. This will be one of the rare oppor-

tunities to secure this breeding through such a good individual. A fine young cow will be found in Lot 10, Bambo Queen, a granddaughter of Heather Lad 4th. She sells thin in flesh on account of raising a good, strong calf. In the Queen Mother heifer, Beauty of Glenmar, Mr. Fink sells a heifer that should go to someone wanting a good, reliable breeder. She is not far from a show heifer and was got by a son of Bambo that had for his dam a daughter of Moon Eclipse. Her dam, Orleans Queen, is one of Mr. Fink's best brood cows. The young females cataloged are all the offspring from Mr. Fink's cows and are of much the same breeding as those mentioned above. We urge those of our readers who are interested in good Angus that are well bred to write Mr. Fink for a catalog and arrange to be with him sale day. See page 39 for advertisement and address.

### Fifty Selected Poland China Brood Sows.

On Saturday, February 2d, Mr. Bert Fry, of Plainfield, Iowa, will hold his first public sale of Poland China brood sows, the sale to take place at his farm, one mile from town. Mr. Fry's herd boar is Gay Meddler, dam Thistle-down by Corrector. He is said to be a fine animal and right up at the top of the great family from which he comes. He is three months old and has proven himself a great breeder. The sows to be sold are extra good ones and the blood lines should vouch for their worth, taking into consideration the fact that Mr. Fry has seen to it that they have been properly developed. There are sows by Chief Perfection 2d's Son 71631, Champion Perfection, W. G.'s Keep On and other sires. Besides Gay Meddler, Mr. Fry has been using the great two-year-old boar, Midwood Perfection, his dam Midwood U. S., bred by Mr. W. Z. Swallow. He is pronounced a very good boar, as well as Keep On Chief, another boar to which a few of the sows have been bred. The monster fall yearling, Big Keep On by Reliance, has been used on some of the sale offering, the dam of which was by Champion Perfection. Mr. Fry invites all interested to attend the sale and will appreciate bids from those who are unable to attend. Write him at once for catalog, after reading the advertisement found on page 32 of this issue.

### Attention, Poland China Breeders!

Mr. D. S. Needham, of Woodward, Iowa, will dispose of a very fine bunch of sows and gilts at public sale at Woodward, Iowa, on Monday, February 11, 1907. Mr. Needham has been breeding the large kind of black hogs in Dallas county for a number of years. For large, growthy hogs he is right at the top of the list and like his neighbor breeder, Mr. J. H. Watson, of Madrid, he will have a collection on sale day that will be a surprise to those after the old reliable, growthy, straight-boned kind of Polands. Included in the offering are eight tried sows which have produced regularly one and two litters per year. They are the kind that will appeal particularly to those looking for something which is absolutely reliable. In next week's issue we shall tell something of their breeding, as well as that of the yearlings, which number six head. With twenty-six head of gilts they make up the offering of young stock and are well along, as the gilts are from early litters. As will be seen in the advertisement on page 35, their breeding is of the best. Sale will be held in comfortable quarters in Woodward, which may be reached from the south on the interurban and from other points on the C., M. & St. P. Write for catalog at once and get next to some good numbers which it contains. Kindly mention The Homestead.

### Manley & Co.'s Sow Sale.

There never was a time in the history of Duroc Jersey sales in the West that the firm of Messrs. Manley & Co. did not put up an offering that attracted breeders from both far and near. This year is no exception to the rule and they have been making every effort to make this one of the most attractive sales they have ever held. They therefore will sell, on February 5th, their 1906 show herd, including all their prize-winning sows, and there are among these some of the toppest sows that will be sold this winter. They are also selling ten good Orion sows and ten Junior Jim gilts, besides others by Young John, Belle's King and Proud Advance. One of the best sows they will sell is their show sow by Young John, and she is bred to Junior Jim for early farrow. The most of their offering is bred to Junior Jim and Advance Lad, the latter boar being a full brother to Proud Advance and Advancer. Their sows are now in nice shape and when

# BIG SALE

—OF—

## Registered Percheron Mares and Stallions

### Wednesday, Feb. 6th, Union, Ia.

### 23 Percheron Stallions and Mares and 3 German Coach Stallions.

Mr. Rogers himself contributes thirteen head, including five splendid Percheron mares, all in foal; the remainder being fillies and stallions. Included in the number is one imported mare. Mr. F. A. Frost, of Grundy Center, Iowa, is the next largest contributor and sells five Percherons and three German coachers. There will be eleven stallions in the offering. This offering of twenty-six head will certainly afford the farmers of Iowa the best opportunity to secure registered Percheron stallions and mares at their own prices. The town of Union is located about eighteen miles north of Marshalltown on the Iowa Central railroad. In addition to the principal part of the offering made by the two gentlemen named, there will be four or five other stallions contributed by breeders of central Iowa. All of the mares of breeding age are bred either to good imported stallions or to the best home-bred ones in the community. All mares three years old and over are thoroughly broken to work. Inasmuch as these contributors are comparatively new to our readers and new to the fraternity aside from their immediate community, it may be possible that this is a splendid opportunity for farmers and breeders to secure high-class stallions and mares at a lesser price than is ordinarily paid for the same at the more important sale centers or in sales where the consignors have national or state wide reputation. Application for the catalogs should be made at once to

## E. F. ROGERS, UNION, IOWA

## NOTED DISPERSION SALE OF HIGH CLASS HEREFORDS

HELD IN EAST ST. LOUIS, ILL. National Stock Yards OWNED BY THE AVERY & HINES CO.

### Friday, Feb. 1, 1907

THIS famous herd including Imp. Albany, 72 head of fine bred cattle, in excellent flesh, and money makers for the buyer, will be sold regardless of cost. None reserved—all go. Albany, never defeated in the show ring and a great sire; William, the sire of great cattle, with 20 other splendid bulls included in sale. Sons of Imp. Albany, Perfection and William and grandsons of Imp. Diplomat, Dale, Beau Brummel, Java and Wild Tom. The females are great daughters of famous bulls of England and U. S. Ladies, Imp. Albany, Gold Box, Beau Brummel Jr., Java, Keep On, March On 15th, Archibald V., Dale and a fine lot of great cows and heifers. Queen Quiratic, Lady Barbara, Polly, and Peppa Java (all imported), with 35 more splendid cows and heifers, all carrying the best blood lines and individuals. The best lot of cattle cataloged by one breeder for years. Don't forget the day and place, East St. Louis, Ill., February 1, 1907. A money maker for you if you will buy, and you will buy if you see the cattle. Come and bring your friends. Write for catalog.

F. B. HINES, ALBION, ILL.

RETNA 2D.



sale day arrives the breeders will say that it is as good an offering as they have ever put up. It will be the last time this firm will ever put as large a bunch of Orion sows, as they will not have them in the fu-

ture. If you want to avail yourself of the opportunity to get an Orion sow, just write them for a catalog and then go to the sale. When writing please mention The Homestead.



## Dispersion Sale of the Famous Herd of O. I. C. Swine Owned by the Late O. L. Kerr, of Independence, Mo., Wednesday and Thursday, February 6 and 7, at Independence, Mo.

### ONE HUNDRED AND EIGHTY HEAD

Fifty-five bred sows—twenty-five bred to the great Kerr Dick, three, including Sally, the 1906 champion, are bred to Kerr Shelton, the \$625 champion; others are bred to the remaining herd boars. Thirty boars ready for service. Fall and summer pigs compose the balance of the offering. This will be a golden opportunity for O. I. C. breeders to secure the cream, as there has not been an animal sold from the herd since the death of Mr. Kerr. Every animal sells to the highest bidder for cash, as Mr. Kerr's estate must be settled. Write me for catalog. See field notes. Bids may be sent to auctioneers or C. J. Hiles, secretary O. I. C. Association.

Col. Sparks and Zaun, Aucts.

LLEWELLYN JONES, ADMR., INDEPENDENCE, MO.

KERR DICK  
KERR REX  
KERR DEXTER  
KERR PAUL

Buy one of these  
great boars.

BIG MARY  
SILVER  
NANCY  
SALLY

Buy one of these  
great sows.

### Henry Dorr's Brood Sow Sale.

The ninth annual sale of Mr. Henry Dorr will be held at his farm near Remsen, Iowa, on February 5th, when he will sell sixty-three head of as good Poland China brood sows as has ever been sold in a northwest sale. Thirteen years of his life have been devoted to breeding Poland Chinas, and in that time he has bred some good hogs and has made some good sales, but he never offered a better lot of sows than will go through his February sale. Just a word about his herd boars, Dorr's Tecumseh and Hands Down, now in use in the herd. Dorr's Tecumseh is a son of Johnson's Chief, and cost Mr. Dorr \$150 in the John Blain sale as a pig, and it has been one of the best investments he ever made. This is a hog with lots of size and a very large bone and carries great finish with it. He is a great breeder, as his gilts will show on sale day, and he will also be bred to most of the old sows and yearlings. He is a Chief Tecumseh 3d and Hadley cross, a line of breeding that has produced some of the good herd boars today in the West. Hands Down is Mr. Dorr's young boar and is a son of Hands Spring by Mischief Maker, out of Miss Alix by Big Perfection, the latter boar being as good a sire as was ever used in southern Iowa. Mr. Dorr is breeding this young boar to the Dorr's Tecumseh gilts. Some sows will also be bred to Evergreen Model 118335, a son of Empire Chief 2d. This young boar was the top pig in Mr. Roy Rockwell's herd this year. He may be offered in the sale. Twelve fall yearlings in the sale will be sired by Tecumseh Keep On, a son of Big Tecumseh. Lady Peerless 4th, a daughter of the great show hog, Perfect Chief, that sold for \$2,100 last year, goes into the sale bred to Dorr's Tecumseh. She is a good brood sow and her litter should prove a good thing for the man that buys her. Miss Mischief is a daughter of Mischief Maker and is a half-sister to Meddler, the grand champion boar at St. Louis. Mr. Dorr has sold boars out of her all the way from \$30 to \$100 and she is bred to Dorr's Tecumseh. He also sells daughters of Nemo L's Dude, Columbia Chief, Pilatis Chief, Ohio Sunshine, Indiana King and the great Meddler. His offering fairly revels in the blood of leading winners and all in all it is a sale that should command the attention of our best breeders. A thing about the Dorr offering is that they have the size and the bone, together with plenty of finish. If you are looking for Poland China sows and you want good ones, it will pay you to attend the Henry Dorr sale on February 5th. Write for catalog and mention The Homestead.

### Toop's Poland China Sale.

Lovers of good Poland Chinas will be interested in the brood sow sale of Mr. W. I. Toop, of Auburn, Iowa, on February 7th. After an inspection of the offering we will say that Mr. Toop is putting up an excellent lot of sows, and both breeders and farmers can well afford to attend his sale. Of the fifty-one head cataloged, fourteen are fall yearlings, two old sows and the rest are spring gilts, and there are some right toppy ones among the lot. Most of the fall sows and the spring gilts are sired by Auburn Chief 99025 by Chief Tecumseh, out of Queer Wilkes by Marcus Hadley. He is a large hog himself and sires pigs with plenty of bone and lots of stretch. Another boar used with much success in the herd is Right Kind 2d, a son of Look Me Over Chief, and he will be bred to a number of the sows in the sale. There is an excellent gilt in the sale sired by Black Chief's Rival and two big, growthy gilts by John Chief. Quite a number of the gilts are sired by Perfection I Am, a grandson of Brownwood Perfection. There are some splendid yearling sows in the Toop sale and also a very representative lot of gilts. They are bred to Black Sensation, a son of Black Chief's Rival, and he is one of the good young boars in the state. Also to Pilatus U. S., a son of Pilate's Chief, and to Right Kind 2d. The offering is a good one and we sincerely hope the farmers and breeders in that vicinity will turn out and buy these sows. Write for his catalog at once and mention The Homestead.

### Harding's Great Duroc Sale.

On January 31st, Mr. R. J. Harding, of Macedonia, Iowa, will again come before the Duroc Jersey breeders with a grand offering of brood sows, many of which will be bred to that great sire, Ohio Chief. The home of the great sows, Nebraska Belle, Proud Lady, and the great boar, Ohio Chief, was never better represented than they will be in this sale on January 31st. It is an offering that every breeder in the land can look forward to. There will be six daughters of Proud Advance in the sale, all bred to Ohio Chief, and six granddaughters of Nebraska Belle, also bred to the same boar. One of the very best of these Proud Advance gilts is No. 1 of the catalog and she is a good one. Anyone sending a bid on her will not go wrong. Improver's Belle is a fall yearling, sired by Belle's Perfect King and out of an Improver II dam. She is also bred to Ohio Chief. Mr. Harding is selling a good Orion Dandelion sow bred to the same boar. Queen Perfection is a daughter of the prize-winning boar, Perfection

Chief, and she is one of the good things that he is offering. Pottawattamie Belle is one of the greatest brood sows he has ever had in the herd. She has been a gold mine to Mr. Harding and she will be bred to Ohio Chief. There will be daughters of Red Chief I Am, Advancer Lad, Brighton Wonder, Ohio Chief and Tip Top Notcher in the sale. A great many of the best of these will be bred to Ohio Chief and the rest to Belle's Chief I Am, Keep On Protection and R. J.'s Proud Orion. It is the best offering Mr. Harding has ever sold. It will be one of the great occasions when the best Duroc Jersey breeders will come together. Write for his catalog and if you cannot attend in person send your bid to Mr. M. T. White, of The Homestead, in care of Mr. Harding.

### Hereford's Dispersion Sale.

At the National Stock Yards, East St. Louis, Ill., on Friday, February 1st, a dispersion of the well-known herd of Hereford cattle, the property of the Avery & Hines Co., of Albion, Ill., will take place. The offering will include Imp. Albany and seventy-two head of line-bred cattle, said to be in excellent flesh and sure to be money makers for the men who are lucky enough to



be the buyers. There is to be no reservation and every animal will be sold regardless of cost. Besides Albany and William, there are twenty other splendid bulls in the sale. They are sons of Imp. Albany, Perfection and William, and grandsons of Imp. Diplomat, Dale, Beau Brummel, Java and Wild Tom. The females that are in the sale are great-granddaughters of various bulls of England and the United States, including Ladas, Imp. Albany, Gold Box, Beau Brummel Jr., Java, Keep On, March On 15th, Archibald 5th and Dale, and a fine lot of great cows and heifers, all being splendid individuals and carrying the best blood lines. Don't forget the day and place, East St. Louis, Ill., February 1, 1907. See advertisement on page 36.

### Huffman's Duroc Sale.

It is with pleasure that we call the attention of our readers to the brood sow sale of Mr. Claud Huffman which takes place at his farm, five miles southwest of Scranton, Iowa, on January 29th. Mr. Huffman is one of the younger breeders, but is one of the most discriminating buyers and one of the best feeders in his section of the state, and when he runs a bunch of brood sows through the ring they are generally in the best of condition, and in a condition that will do the buyer good. He will sell eight tried sows and two fall yearlings, together with twenty-two spring gilts. The blood of old King Perfection (the Iowa State Fair sweepstakes boar), Crimson Wonder I Am and Proud Advance predominates in the herd. About three of the sows will have litters of pigs at side. He has selected twenty-two of his toppest gilts for this sale. They will be bred to Proud Orion 31337, Manley King 50293 and Only a Wonder 54307, a son of Crimson Wonder I Am. Kindly write at once for catalog and mention The Homestead.

### Closing Out Herefords.

Those who are on the market for Herefords should take notice of the closing out sale of Mr. W. H. Leslie, at Auburn, Iowa, on February 9, 1907. This herd has been one of the select ones in the state, and it will pass the test of the most critical Hereford man. There are more good individuals in this herd than is generally found in one offering. Mr. Leslie has been a good breeder and has built up his herd by buying the very best. It need not surprise any of our readers to see some good cattle sold in this sale. Mr. Leslie is leaving the farm and therefore closes out the entire herd. Thirty-seven head will be sold, including his herd bull, Dale Lad 35th 158312, a grandson of old Dale, together with many of his get, mostly young bulls and heifers. The young bulls will all be sired by him except one. The cows are a grand lot of broad-backed, deep-bodied and nicely-turned females, many of which will weigh 1,600 to 1,800 pounds. Many of the larger cows are sired by the bulls, Masher and Jumbo, both used in the herd. Jumbo was a grandson of Star Grove 1st and Masher was a son of Pretty Wilton 2d, one carrying the blood of The

## PUBLIC SALE

### Duroc Brood Sows and Shropshire Sheep

Wednesday, Jan. 30, 1907,

In Hoghouse on Farm, One Mile S. E. of Gosport, Indiana.

**50 Duroc** Sows and gilts, all bred to our best herd boars, ten to Beat Him If You Can, the \$3,000 boar. Will commence selling at 10 o'clock, as soon as trains are in.

Mr. J. Rothrock, of Centerton, Ind., will consign 10 head.

**80 Shropshires** Forty bred ewes, some imported; thirty ewe lambs, the older ones bred for May lambs; eight young rams and two flock rams. A closing out sale, as our farm is too much bottom for sheep. We regret to discontinue sheep, as we have been breeding Shropshires profitably for a quarter of a century. Send bids to D. M. Pierce, representing this paper.

**S. R. QUICK & SONS,**  
Gosport, Indiana.  
Write for Catalogs.

## 40 Choice Durocs at Auction

STANSELL & MATERN, McNABB, ILL.  
MONDAY, JANURAY 28, 1907

### ∴ A CHOICE LOT OF YEARLINGS AND GILTS. ∴

by Chief of All 33735 by Ohio Boy 10711a by Ohio Chief 8727 and Kan't Bee 15909 by Kan't Be Beat 10239. This offering can't be beat in breeding and individual merit. A cordial invitation is extended to all and parties from a distance will receive free accommodations while at the sale. Colonels Keil and Reppert, auctioneers. Send bids to D. M. Pierce, representing this paper.

J. B. STANSELL,  
MAGNOLIA, ILL.

HENRY MATERN,  
LOSTANT, ILL.

## HUFFMAN'S DUROC-JERSEY BRED SOW SALE.

To be held at his farm, five miles southwest of Scranton and four miles southeast of Ralston, Iowa, Tuesday, January 29th. No postponement on account of weather. Sale to be held in seated tent. The offering consists of eight aged and tried sows, two fall yearlings and twenty-two spring gilts. The blood of King Perfection, Crimson Wonder I Am and Proud Advance predominates throughout the entire herd. Two of these sows will be sold with litter by their side. The sows will be bred to the great hogs, Proud Orion 31337, Manley King 50293, one of the best sons of Manley Orion, and Only a Wonder 54307, a son of Crimson Wonder I Am. Send for catalog. It is free for the asking.

CLAUDE HUFFMAN, Proprietor.

COL. J. L. LUTHER, Jefferson, Iowa, Auctioneer.

## TOOP'S ANNUAL POLAND CHINA SALE.

AUBURN, IOWA, FEBRUARY 7, 1907.

**51 HEAD** 14 Fall Yearlings  
2 Matured Brood Sows  
23 Spring Gilts **51 HEAD**

I HAVE selected the very tops of my herd for this sale. A good many of the gilts are sired by Auburn Chief, a son of Chief Tecumseh 3rd and Perfection I Am, a son of Fancy Perfection. Bred to Black Sensation, a son of Black Chief's Rival, and one of the best young boars in the state; and also to Pilatus U. S., a son of Pilate's Chief. The yearlings are a superior lot in every way. The aged sows have been great brood sows. Write me at once for catalog.

W. I. TOOP,

AUBURN, IOWA

Grove 3d, the other of old Lord Wilton. Both of these bulls left some good things behind them and many of the best will be sold on this occasion. Ella Britton is a daughter of the World's Fair bull, Ancient Britton, out of a Cherry Boy cow. She will have calf at foot sale day by Headlight Dale 4th and this is one of the last chances that anybody will have to buy a daughter of that famous old sire. There are some choice heifers in the sale that would look well in any herd. The herd bull, Dale Lad 35th, a grandson of old Dale and out of a Star Grove 15th cow, will be sold, also a

good young bull called Cyril that he has been using on the herd. There will be six young bulls in the sale, ranging in age from eight to fifteen months. Mr. Leslie will sell his small herd of Chester White hogs, including a splendid herd boar, Duke of Headlight 15866. Here is a well-made boar, with a good arched hack and will weigh 600 pounds. He has been a splendid breeder and could be used by most of our Chester White breeders. There will also be some good sows in the sale, all bred for spring farrow. Write Mr. Leslie at once for catalog and mention The Homestead.



ILLINOIS  
AND  
MISSOURI'S

# Great Duroc Sale Circuit

**185  
HEAD****AS GOOD AS ARE RAISED IN TWO STATES**

REPRESENTING THE BLOOD OF GOLD FINCH, CHICAGO LAD, OHIO CHIEF, PROUD ADVANCE, BUDDY K. 4th, TOP NOTCHER, HE'S OUR PRIDE, BUDDY K, BELLE'S CHIEF, KAN'T BE BEAT, CHAMP. CLARK AND OTHER GREAT SIREs.

**A GRAND OPPORTUNITY TO BUY DUROC SOWS THAT ARE PRODUCERS****185  
HEAD****TUESDAY, FEBRUARY 12, 1906**

IN HEATED SALE PAVILION, AT

**PETERSBURG, ILLINOIS**

We will sell forty head of sows and gilts, the tops of two herds—twenty yearlings and twenty spring gilts. Gold Finch, first in class at Chicago in 1903; Chicago Lad, champion at the same show; Uncle Fred, a son of Helen Blazes IV., and Proud Wonder, a son of Crimson Wonder, are the principal sires, and the boars to which the sows are bred. We also sell daughters of Proud Advance, and close descendants of Ohio Chief, Top Notcher, Improver II., Orion, and other great sires. If you want good ones, well bred, arrange to be with us sale day. Write either of us for catalog.

**Harry Riffin, C. T. Rogers, Petersburg, Ill.**AUCTIONEERS:  
Cols. Reppert and McDowell**WEDNESDAY, FEBRUARY 13, 1907**

AT MY FARM NEAR

**JACKSONVILLE, ILLINOIS**

I will sell twenty yearlings and twenty-five spring gilts got by some of the best boars known to the breed and bred to boars of national reputation. Here are a few of them: Corrine Laurie, in second-prize aged herd at Springfield, bred to Tip Top Notcher; Annie Laurie, a daughter of Buddy K. IV., bred to Proud Advance; Golden Girl, by Buddy K. IV., bred to Tip Top Notcher; a spring gilt by Buddy K. IV., bred to Proud Advance, and a spring gilt got by Top Notcher Chief, bred to Mayor Jr., first in class at Illinois State Fair in 1905. I also sell a great lot that were got by my two herd boars, He's Our Pride, a Kan't Be Beat-Top Notcher boar, and Buddy K., a litter brother to Buddy K. IV. Arrange to be my guest sale day, as I think the hogs will please you. Write me for catalog.

**T. E. LAURIE, JACKSONVILLE, ILL.**AUCTIONEERS:  
Cols. Reppert and Cox & Son.**THURSDAY, FEBRUARY 14, 1907**

AT MY FARM NEAR

**LADDONIA, MISSOURI**

I am including in this—my first sale—twenty aged and yearling sows and twenty spring gilts as good as I own. Among the attractions are Perfect Gold Dust 33d, four granddaughters of Best of Top Notchers, and three Top Notcher gilts, an A. F. Russell gilt got by the great Iowa King, and two Gen. Cronje gilts; also daughters of my herd boars, Champ Clark by Tip Top Notcher and out of Gold Dust Rose, dam of Helen Blazes, and Chief Paul Finch, a son of King Morton and out of a daughter of Gold Finch. I believe the class of stock I am offering merits the attention of the breeding fraternity and you are cordially invited. Write for catalog.

**B. W. HALE, Box 2, LADDONIA, MO.**AUCTIONEERS:  
Cols. Reppert, McGowan, Keil and Others**FRIDAY, FEBRUARY 15, 1907**

IN HARRISON'S BARN AT

**SHELBINA, MISSOURI**

We offer twenty-two aged and yearling sows, ten fall and winter gilts and twenty-eight spring gilts. We have this past year bought such great boars as Belle's Chief 51323, a son of the great Ohio Chief and Savannah Belle, the \$750 Murphy gilt; Buddy O. 2d, a son of the champion, Buddy K. IV., and Tip Top Notcher's Baby, and Queen's Advance, a son of Proud Advance, and have used them on our sale stuff, along with Paul Kruger, a grandson of Gold Finch. We are offering some great attractions in Helen's Sister, bred to Belle's Chief; Rose and Rosebud, litter sisters, some show material here; Maud and seven sisters, by Missouri Chief; Helena 8th by Oom Paul, and her two daughters. Our entire offering consists of tops of two good herds. Send for catalog and try to be our guests sale day.

**Maupin & Applegate, Shelbina, Mo.**AUCTIONEERS:  
Cols. Reppert and McGowan**For Catalogs Address Each Breeding Firm and Kindly Mention This Paper.****The Shenandoah Short-horn Sale.**

We call particular attention to the forty-four head of Short-horn cattle which will be sold at public sale by various southwestern Iowa Short-horn breeders, to be held in the sale pavilion on the fair grounds at Shenandoah, Page county, Iowa, January 30th. The contributors to the sale are Messrs. G. H. White, John S. Dickey, W. B. Clark, C. F. Mitchell & Son and the estate of Samuel Speers, it being a complete dispersion of the latter herd to close up the affairs of the estate. Mr. Speers was one of the most successful and painstaking breeders in southwestern Iowa, and a good judge of individual merit, as well as breeding. As a result he was quite a successful breeder and the cattle of the estate which go into this sale, comprising eighteen head, go to prove this fact. Four of the eighteen head are bulls. Of the females five will sell with calves at foot, and all the others are of breeding age. They are profitable Short-horns, and the kind that should prove attractive to start a herd with. Messrs. C. F. Mitchell & Son sell two bulls sired by Pride's Lavender, a Cruickshank Lavender bull sired by Imp. Scottish Pride, which sired the phenomenal show heifer shown so successfully by Mr. N. P. Clarke, of St. Cloud, Minn., which stood at the head of her class around the circuit last year. Mr. W. B. Clark, of Farragut, Iowa, contributes four bulls, all yearlings. Two of these are sired by Royal Crown, a bull of Mr. George Bothwell's breeding, sired by Nonpareil Victor, whose get won for Mr. Bothwell a great reputation as a showman. Two other calves are by Mr. Clark's Cruickshank herd bull, bred by Messrs. Cummings & Son, of Buda, Ill. These bulls are large, lusty fellows and of good age to buy. Mr. John S. Dickey is selling two young bulls, almost a year old, and one yearling heifer. The bulls are both sired by Barmpton King, a Cruickshank Butterfly bull, and the heifer is sired by Royal Crown, a son of Mr. Geo. Bothwell's Nonpareil Victor. These are all red in color and are good individuals. Mr. Geo. H. White, of Emerson, Iowa, sells eight head in the sale. Three or four of these are young bulls, the rest cows and heifers. He is consigning his state fair prize-winning bull, Contractor's Banner Bearer. He is a son of Cumberland's Banner Bearer and he by the noted bull, Cumberland. Mr. White won on this bull at the Iowa State Fair and also got second prize on him at the Nebraska State Fair. He is a massive roan bull with a splendid head and horn, good width over crops and a good heart girth, with a nice spread of rib and good over the tail, flanks down well, and he is a decidedly good proposition for some man who wants a herd bull. He is a two-year-old and a splendid flesh carrier. Mr. White is putting some young bulls into the sale and he also sells a few nice cows and heifers. Write Mr. C. F. Mitchell, of Farragut, Iowa, for catalog and mention The Homestead.

**Ray & Son's Poland China Sale.**

On February 9th, at Defiance, Iowa, Messrs. Wm. Ray & Son will sell at their Evergreen Stock Farm about forty head of

Poland China sows. The offering will be made up of matured sows, yearlings and spring gilts, and are sired by Dakota Chief 2d, R's Perfection and other boars. A great many of these are bred to Impudence III., a son of the sweepstakes boar, Impudence. The most of the sows are bred for early farrow. Messrs. Ray & Son write as follows about their forthcoming sale: "We think we are selling the best bunch of sows that have ever been sold in this neck of the woods. The older sows that we are putting in are all good individuals and good brood sows. The yearlings are large and deep bodied, and the gilts are the pick of this year's crop. Altogether we think it is a most excellent lot of brood sows." The Ray herd is one of the good herds in that part of the state, and their annual sales always bring out some very topsey stuff. Write them at once for catalog and mention The Homestead.

**Last Call for the McKeever Poland China Sale.**

One of the good offerings of the large type of Poland Chinas to be held this month is that of Messrs. McKeever & Sons, of Hubbell, Neb., on January 31st. The offering will consist of forty head, twenty of which will be aged and yearling sows and twenty good, growthy spring gilts. They have selected a number of their best producers and as well bred as they are individually good and having crossed them with as good boars as the breed affords the produce will not in any way be a disappointment to those who secure stock from this great offering. Females that are known breeders of high-class stock when properly mated have been selected for this auction. The writer has seen but few herds of the large type of Poland Chinas that compare with this one, and Messrs. McKeever & Sons are to be highly complimented on being able to put before the public as grand a lot of females as will be offered by these gentlemen on the above date. It will be remembered by those visiting the Nebraska State Fair last fall that this was the firm that exhibited the largest black hog on the grounds. Expansion See, as he is called, weighed 1,125 pounds at that time. It is a rare thing that a hog of this size will breed that great smoothness and wonderful feeding qualities as does Expansion See. The greater part of this grand offering are daughters of this great hog. It will also be remembered that this firm own a one-third interest in Grand Look, first-prize hog in class at Nebraska State Fair last fall and first and sweepstakes at Hutchinson and St. Joe, Interstate Fairs. They are crossing the get of Expansion See with Grand Look and we consider there could be no better than this is bound to make. There will be daughters of such noted boars as Highland Chief Jr., Mogul Exwasee, Growthy Perfection, Ontier, Kansas Chief and other boars of show-yard character. Breeders wanting to add this great Expansion-Grand Look cross to their herd should keep this sale in mind, as it will be the last opportunity of this kind this year. Messrs. McKeever have a great prospect in a young Expansion See boar pig that will be used on a very few of the later-bred gilts. He is a June pig and weighed

300 pounds January 1st, as round and smooth as an apple and a great show prospect if he develops as fast as he is coming now. We are very much pleased to recommend this offering to our readers and are confident that you will be royally treated by Messrs. McKeever if you care to attend this sale. Catalogs are now ready and can be had by dropping a card to Messrs. McKeever & Sons, at Hubbell, Neb. The breeding of every animal is brought out plainly and the blending of blood contained in this herd has given to the herd some of its greatest show and breeding animals. Those who cannot attend may send bids to Mr. Ray Page of this paper and they will be carefully handled. Arrange to attend this sale. Write for a catalog and mention this paper.

**- Alldritt Sells Bred Sows.**

On February 5th, at Friend, Neb., Mr. Frank Alldritt will offer a very choice lot of bred sows. He has selected a number of his best producers which are exceedingly well bred and having crossed them with as good boars as the breed affords, the produce will surely not disappoint the men who purchase stock at this sale. Col. T. C. Callahan will conduct the sale, which will be entirely a female offering of forty-five head of gilts, yearlings and aged sows, and every sow guaranteed in pig to the service quoted in catalog. The great variety of breeding to be offered in this sale should make it a special attraction, having gilts and yearling sows from ten of the most noted sires of the breed. The writer has seen but few herds in a more thrifty growing condition than this one. Most of the aged and yearling sows are bred to Royal Prince, one of the best sons of Higgins' Model we have yet seen. He is very large, carries a wonderful loin and spring of rib, has good head and ear, good bone and stands well on his feet. This hog would make a very creditable showing and has proven a good sire. Others are bred to Adams' Express, a full brother to Crimson Wonder. Mr. Alldritt is also using a son of Ohio Chief that is an extra pig. We will go into further detail in regard to the good sows in our next issue. Sale will be held in comfortable quarters right in town, within one block of the depot. If you are wanting sows of this breed you cannot afford to miss this sale. A nice catalog has been made explaining everything and can be had by dropping a card to Mr. Frank Alldritt, of Friend, Neb. When writing please mention this paper.

**Weber Sells Bred Sows February 4th.**

On February 4th, at Friend, Neb., Mr. Henry Weber will offer a bunch of Duroc Jersey bred sows in which will be some choice individuals. Although young in the breeding of thoroughbred hogs, Mr. Weber has shown good judgment in selecting his breeding animals and has produced some extra good stuff. Some rare bargains will be offered in this sale. The sale will be held at his place, right at the edge of town, in heated quarters and those attending will be entertained at best hotel in the town. We invite all who are interested in this breed to attend. Included in this sale will

be some of his tried brood sows and we wish to make special mention of the great sow, Paragon, a daughter of the great Red Knight. This sow is especially large and of the rooky brood sow type that so many good breeders are looking for. She is bred to Improver III. for an early litter. Mr. Weber will also offer a daughter of Orion that has proven a good breeder. This good bunch of aged and yearling sows are bred to Improver III., one of the best sons of Improver II. the writer has ever seen. He is extra large, weighing right at 700 pounds in breeding condition, and is an individual that is good enough to head any herd. He is assisted by Gold Finder, a son of Hambletonian that was considered the best pig in the L. H. Page & Son sale this fall and bought by Mr. Weber at a good figure. Catalogs are now ready and can be had by dropping a card to Mr. Henry Weber, of Friend, Neb. Write him at once and mention this paper.

**Husman Makes a Dispersion Sale February 6th.**

On February 6th, at Exeter, Neb., Mr. J. H. Husman will disperse his entire herd of Duroc Jersey hogs, including his two herd boars, twelve good tried sows and twenty-two choice gilts, the tops of this year's crop of pigs. The sows that he is offering are descendants of such boars as Improver II., Billy K., Higgins' Model, Jumbo Red, and are bred to Von Billy K., a son of the prize-winning boar, Billy K.; Fashion Profit, a son of Fashion's Improver, and Lankage, a son of Belle's Echo. Mr. Husman has fed these hogs on alfalfa and feed that is not fattening and has spared neither time nor labor in getting these sows in proper condition to do the purchaser a lot of good. He is offering the boys a good class of sows and they are not only bred right, but are fed right to produce the best results. This is Mr. Husman's second sale and we would like to see every breeder in his section of the state turn out and lend him a helping hand. He needs your assistance and you will be pleased with the offering he will put into the sale ring on this date. The twenty-two gilts are a very growthy lot, being the tops of about 100 head raised this year. Mr. Husman always puts the culls on the market, so you can rest assured that they are a good bunch. The old sows are all of the large, rooky type and a bunch that it has taken Mr. Husman a long time to get together. Arrange to attend this sale and you will be well entertained while in Exeter. Catalog now ready and will be mailed to you on application. When writing please mention this paper.

**Twenty-five Chester White Bred Gilts.**

Among the "Too Late to Classify" advertisements will be found that of Mr. J. M. Janssen, of Sibley, Iowa, who offers to sell twenty-five head of Chester White bred gilts, safe in pig to White Leader 16513. If any of our readers are on the market for Chester White gilts they should write Mr. Janssen at once.

When writing to advertisers please mention this paper.



## Tom Isaac's Duroc Jersey Sale.

One of the Duroc sales that never fails to make a good average is that of Mr. T. H. Isaac. His annual brood sow sale will be held at Red Oak, Iowa, on February 8th, when he will offer fifty head of top, heavy-boned brood sows. The Isaac herd has gained considerable notoriety because of the size of bone and stretch of sows that he breeds. He never buys a light-boned sow nor boar, no matter how good otherwise, and consequently he has bred along these lines until he has a class of sows that they all want. His fall sale averaged nearly \$30 on sixty head of boars, and it was one of the best sales of the year. There were not any great high prices paid, but a good average was maintained and he had the money in his pocket when the sale was over. There will be fourteen granddaughters of Red Chief I Am and Nebraska Belle in the sale, four gilts by Brighton Wonder, two by Higgins Jr., eleven by Educator, a son of Indicator, and others by Hardy's Improver, Red Rustler, Robert H. and a few scattering. They will be bred to Belle's Red Chief 39543, a son of Red Chief I Am out of Nebraska Belle; Educator 39543 by Indicator, Peerless Chief 56345 by Ohio Chief and Royal Knight by the sweepstakes boar, Red Knight. Mr. Isaac writes: "I think my fall sale is an indication that I breed what the people want. I will sell fifty head of sows unless the weather keeps the buyers away. I will sell every sow cataloged to the highest bidder, unless some prove not to be with pig. I never had a sow or boar come back on account of being a non-breeder, and am getting the very best kind of reports from my fall sale." Write for a copy of Mr. Isaac's catalog and kindly mention The Homestead.

## Hughesdale Dual-Purpose Short-horns.

Mr. H. J. Hughes, of Trenton, Mo., proprietor of the Hughesdale herd of dual-purpose Short-horns, has on hand several bulls of serviceable age that should go to good herds where the milking qualities of the cattle are looked after as well as the beef-making qualities. But few herds can show better breeding than can the Hughesdale herd, and Mr. Hughes maintains the milking qualities of his cows by selecting only such stock as is known to give good quantities of milk and descend from stock of milking qualities. Mr. Hughes can show visitors as many 1,500-pound cows as can be found in any herd of like size, and all are the kind that produce good calves, as well as give a good quantity of milk. See page 43 for Mr. Hughes' advertisement and if interested write him about these dual-purpose Short-horns.

## The Central Iowa Duroc Jersey Sale Circuit

commences February 4th, on the farm of Mr. Roy West, two miles out from Bondurant, Iowa, on the Great Western railroad about a thirty-minute ride from Des Moines. Buyers from a distance will find everything in readiness for their reception, as all trains will be met both on the steam road and on the interurban at Altoona, only four miles from the farm. A representative of The Homestead found Mr. West very enthusiastic over the prospect of his sale and suffice it to say that the quality of the offering would do credit to a much older breeder. From time to time representatives of the best red hog blood have been added to this herd and a very good foundation has been laid for future work. Mr. West has an ambition to have some of the best and he extends the most cordial welcome to his brother workers to lend their presence on sale day. There will be offered just forty head, which will include a fine bunch of thirty choice gilts. Careful feeding has brought the bunch along without a check at any point of their existence. Their breeding represents some very good blood and in good variety. Reference to the advertisement, which appears on page 36, will convince you of that. Plan to attend this sale. If you are beginning in the business it will be a chance to get some good Duroc sows at prices you can afford. Let all the breeders turn out and make the sale at the Polk County herd a rousing success. A good dinner at the farm. Send for catalog.

## SUNDBURG AND OLSON'S CONSIGNMENT SELLS FEBRUARY 5TH.

Messrs. O. A. Olson and Samuel Sundburg have each a farm of their own, but they have been buying and selling red hogs under a partnership name. The advantage of this arrangement has made it possible to have some of the very best blood at the head of their herds. In this connection we will say that the importance of having good individuals as breeders in the working herds is a point to which these gentlemen have paid especial attention. Large litters and thrifty, vigorous ones are necessary for financial success. This is one of the strong points of the forty head of sows and gilts—which Messrs. Sundburg and Olson will offer. You will find plenty of quality, too, and a nice large, smooth bunch of gilts which possess every indication of making valuable property for any farmer or breeder. The sale will be held on one of the farms two miles north of Madrid. Conveyances will wait upon those from a distance and a comfortable place will be provided for the selling. Write at once for catalog to Mr. Samuel Sundburg. See the advertisement on page 36.

## THE DAY FOLLOWING AT W. E. BENNETHUM'S.

Those who attend the Sundburg-Olson sale will find it very convenient to remain over for the sale on the farm of Mr. W. E. Bennethum, three miles south of Madrid, on Wednesday, February 6th. The selling will take place in a very commodious heated building and plans are well matured for handling the sale successfully. Mr. Bennethum stands well in the estimation of home breeders, as well as those from a distance. For ten years he has been breeding the red hog and his start was made at a time when this breed was not so well known as it is today. It is common talk among fieldmen and breeders that in the Cedar Lawn Farm herd there are some of the best gilts and yearlings to be seen this season. A Homestead representative found this to be the case and

can freely say that the bunch of twenty-three gilts that will be sold are about as large, as smooth, as typical and as uniform throughout as any that will be brought under the auctioneer's hammer this spring. This is a strong assertion, we know, but we do not stand alone and we feel that more will venture that opinion on sale day. In the advertisement we have given the breeding in general. Watch for the attractions next week. In the meantime send for a neat catalog and post yourself.

AT. A. T. SUNDELL'S, PATON, IOWA, FEBRUARY 17TH.

The fourth sale of the circuit will take place on the farm of the above named breeder near Paton in Greene county. As is generally known, Mr. Sundell secured the herd of the late Wm. Roberts, one of the most noted of the early Duroc breeders in the West. With this start along the right line and by careful management Mr. Sundell has made an enviable reputation for the quality of red hogs produced at Maple Grove Farm. From his herd has been selected twenty-eight spring gilts and twelve aged sows. Among them will be some attractions that will undoubtedly prove a good investment for foundation stock, as their record as producers testify. A glance at the advertisement on page 36 will tell something of the breeding of the offering. Send for a catalog just to get yourself posted on what is doing, even if you are not sure of buying.

THE LAST DAY AT E. R. WOOD'S, JEFFERSON, IOWA.

From Paton the circuit followers will move to Jefferson, where the last sale will be held on the farm of Mr. E. R. Wood. Because of the position of this event on the circuit, breeders need not feel that it is the least important by any means. You need have no fear of getting left without a red hog to take home with you on account of the quality of the offering; however, you may need to get into the game of bidding early to get one, for the offering will show up well even if you have had eyes on red hogs for several days. Clovercroft Orion, a son of old Orion, is bred to most of the sixteen head of old sows and yearlings, while he is the sire of about half of the gilts. Thus the chance will be offered to secure some very good individuals of this kind of breeding. Some are sired by a Top Notcher boar and by Otto 17321. All the stock will be as represented and buyers can depend on Mr. Wood to do what is right in the catalog and on sale day. In this offering, as in all the previous ones, there will be some red hogs as choice as anyone wishes. There will be show material, attractions and something for everybody. Remember this sale, Friday, February 8th, and write for a catalog which Mr. Wood wishes to be in every breeder's hands. Take a look at the advertisement on page 36 before you read any more field notes.

## More of the Dispersion Sale of the Herd of O. I. C. Swine Owned by the Late O. L. Kerr.

Breeders of O. I. C. swine are once more reminded of the dispersion sale of the great herd of O. I. C. swine owned by the late O. L. Kerr, of Independence, Mo. The sale will be held on Wednesday and Thursday, February 6th and 7th, at Independence, Mo., in the same sale barn where all of Mr. Kerr's sales were held. It is not necessary to comment further than to say that in the dispersion of this herd the breed will miss a herd that was attracting the attention of all breeders of hogs, no matter what the breed, as it was Mr. Kerr who was considered the most active breeder in America of this great breed. Since the great showing made by his herd at the St. Louis World's Fair Mr. Kerr had gone on, improved his hogs, won further honors and at his death the herd was in the best shape since it was founded. Fortunately Mr. Kerr's brother, Mr. Ernest Kerr, and his brother-in-law, Mr. Robinson, were in such close touch with the herd that they have since been able to carry it along and have had practically the complete management since Mr. Kerr's death. They have seen that the sows were bred to the boars Mr. Kerr had spoke of using on certain sows and at the dispersion sale fifty-five or sixty bred sows bred to such hogs as the great Kerr Dick, Kerr Rex, Kerr Dexter and Kerr Paul go in the sale. Big Mary, Nancy, Silver Mine, Sally, the 1906 champion sow, and all the great brood sows Mr. Kerr owned go in the sale. The herd boars also go, as the entire herd must be sold in order to settle the estate. Not an animal has been sold since Mr. Kerr's death and about 180 head are to be sold. The catalogs were compiled under the direction of Mr. C. J. Hiles, secretary of the association, so that few, if any, errors will be found. Mr. Hiles has also promised Mr. Llewellyn Jones, administrator of the estate, that he will be at the sale and render any and all assistance possible to breeders who attend, or in executing any buying orders from those who cannot attend. Catalogs are being mailed to all who write for same. Cols. J. W. Sparks and F. Zaun will do the selling and bids may be sent to them in care of Mr. Jones. For catalogs and further information of any kind regarding the herd write Mr. Llewellyn Jones, administrator, Independence, Mo. See page 37 for advertisement.

## Shropshire Rams and Ewes.

Any of our readers who want Shropshire rams or ewes can purchase them of Mr. Willard Miller, of Anita, Iowa. Mr. Miller has been breeding Shropshires for the past fifteen years and he has some good sheep. He has an imported ram at the head of his flock and he is now offering a splendid lot of lambs sired by him. If you want Shropshires write Mr. Miller at once and mention this paper.

## Young Has Good Gilts to Sell.

Mr. E. K. Young, of Havelock, Neb., has a few very fine Duroc Jersey bred gilts for sale and they will be priced right if taken at once. They are a growthy, big-boned lot and in proper breeding condition. They are of the most popular strains, as Mr. Young has never bought anything but good individuals of best breeding. Write him for particulars and mention this paper.

## HANN AND MAYNE PUBLIC SALE OF

## HEREFORD CATTLE

TO BE HELD AT

HARLAN, IOWA, FRIDAY, FEB. 1, '07

50 HEAD. A GRANDLY BRED LOT OF COWS AND HEIFERS AND ABOUT SIXTEEN EXCELLENT YOUNG BULLS IN THE SALE 50

MR. HANN sells twenty-one head of cows and heifers and seven young bulls. All of the young cows and heifers are sired by the great show and breeding bull IKE 77264, a 1st prize and sweepstakes winner at the New York and Michigan state fair. Dolly the 2d was in calf to IKE when she sold at the Chicago sale for \$5,000. All of the daughters of IKE are bred to SPARTAN GROVE 2d 153707, a 1st prize and sweepstakes bull at the Nebraska State Fair in 1903, and 1st prize bull at same fair in 1904. This bull will be sold in the sale and he is a great herd bull. Mr. Hann has sold his 240-acre farm and therefore must sell these cattle in order to reduce his herd. Some of the young bulls that Mr. Hann is offering for sale are exceptionally good ones.

MR. J. S. MAYNE, HARLAN, IOWA, is practically closing out his entire herd. He is one of the oldest breeders in Shelby county, and got most of his foundation stock from the herd of the late Ben Hershey. The Mayne herd has been for the past thirteen years one of the best known Hereford herds in Shelby county, and as he is disposing of his entire herd he will therefore offer some splendid bargains in females and bulls.

No postponement on account of weather. Sale in new heated pavilion. For catalog address,

F. W. HANN, Mgr., HARLAN, IA.

COL. GEO. P. BELLOW, AUCTIONEER

Harlan is on the Chicago, Great Western, Chicago & North-Western and Rock Island railroads; one hour's ride from Omaha.

# DISPERSION SALE

## Of G. W. Fink's Glenmar Herd of

# ABERDEEN ANGUS

At Gray's Sale Pavilion, Maryville, Mo., Monday, February 4, '07

35 Head - 27 Cows and Heifers and 8 Bulls.

BLACK MONARCH 7682, my double Blackbird herd bull, got by Black Monarch of Emerson, should suit any breeder looking for a herd bull. Two grand sons of Prince Ito, both Blackbirds, two Pride bulls and a Queen Mother will be found desirable. My herd of cows represents such families as the Prides, Blackbirds, Queen Mothers, and Ericas. When laying the foundation for my herd I bought animals that in my estimation were best suited for one wishing to sell to the general public, animals that would be a credit to any herd large or small—the so-called fashionable kind. I have never lost an opportunity to better their condition, always using the best bulls at my command. They are all prolific, every one a regular breeder, of the beefy type. You are cordially invited to be my guest sale day. Write for catalog.

G. W. FINK, MARYVILLE, MO.

Cols. Bellows and Hosmer, Auctions.



Hal T. Hooker, Sale Mgr.  
Maryville, Mo.



# Bluffview's Thirteenth Annual Short-horn Sale

To Be Held in the Warm Pavilion at Bluffview Farm,

Webster City, Iowa, Tuesday, January 29.

42 HEAD Eight Bulls 42 HEAD

THE BEST OFFERING I EVER SOLD

Secret Viscount 212705.  
Red, white marks; calved May 6, 1903. Vol. 58. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Orange Viscount 157352...W. A. Betteridge  
Craven Knight (96923)...A. Cruickshank  
Roan Gauntlet (45276)...A. Cruickshank  
No. 5. Imp Queen Bess 32d.  
Roan; calved March 5, 1901. Bred by F. Simmers, Aberdeenshire, Scotland.  
Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Count St. Clair 166493...Wm. Duthie  
Cash Box 144758...Wm. Duthie  
Queen Bess 24th...Spice Box 144671...Wm. Duthie  
No. 14. His Highness.  
Roan; calved July 23, 1905. Accepted for record. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by College Farewell 192476...Iowa Agri. Coi.  
Duke of Oakland 2d 118945...Crawford & Sons  
Revenue 128768...E. Gauntt & Son  
Golden Blossom 3d...Earl of March 124606...J. & W. B. Watt  
Golden Daisy...Perfection 61408...A. Cruickshank  
Imp. Orange Flower...Lady Nell 2d.  
No. 6.  
Roan; calved Sept. 1, 1904. Accepted for record. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Great Light 211596...Korns & Lee  
Imp. Lady Nell...Bapton Conqueror (73981)...J. Deane Willis

No. 1. Imp. Fair Duchess.  
Roan; calved January 6, 1898. Vol. 47; (Vol. 45, p. 450, E. H. B.). Bred by  
J. Douglas Fletcher, Rosehaugh, Avoch, Scotland. Imported by W. D. Platt, Ham-  
ilton, Ont., in 1900. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Watchfire (71826)...J. D. Fletcher  
Merry Archer (67477)...Wm. Duthie  
Proud Duke (59713)...Wm. Duthie  
No. 2. Imp. Fair Duchess of Bluff View.  
Roan; calved Sept. 2, 1900. Vol. 51, page 689. Bred by J. Douglas Fletcher,  
Rosehaugh, Scotland. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Grand Duke of Ruddington (177077) P. Mills  
Watchfire (71826)...J. Doug. Fletcher  
Merry Archer (67477)...Wm. Duthie  
Proud Duke (59713)...Wm. Duthie  
No. 3. Imp. Fair Duchess of Bluff View.  
Roan; calved Sept. 2, 1900. Vol. 51, page 689. Bred by J. Douglas Fletcher,  
Rosehaugh, Scotland. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Grand Duke of Ruddington (177077) P. Mills  
Watchfire (71826)...J. Doug. Fletcher  
Merry Archer (67477)...Wm. Duthie  
Proud Duke (59713)...Wm. Duthie  
No. 4. Imp. Fair Duchess of Bluff View.  
Roan; calved Sept. 2, 1900. Vol. 51, page 689. Bred by J. Douglas Fletcher,  
Rosehaugh, Scotland. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Grand Duke of Ruddington (177077) P. Mills  
Watchfire (71826)...J. Doug. Fletcher  
Merry Archer (67477)...Wm. Duthie  
Proud Duke (59713)...Wm. Duthie  
No. 5. Imp. Fair Duchess of Bluff View.  
Roan; calved Sept. 2, 1900. Vol. 51, page 689. Bred by J. Douglas Fletcher,  
Rosehaugh, Scotland. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Grand Duke of Ruddington (177077) P. Mills  
Watchfire (71826)...J. Doug. Fletcher  
Merry Archer (67477)...Wm. Duthie  
Proud Duke (59713)...Wm. Duthie  
No. 6. Imp. Fair Duchess of Bluff View.  
Roan; calved Sept. 2, 1900. Vol. 51, page 689. Bred by J. Douglas Fletcher,  
Rosehaugh, Scotland. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Grand Duke of Ruddington (177077) P. Mills  
Watchfire (71826)...J. Doug. Fletcher  
Merry Archer (67477)...Wm. Duthie  
Proud Duke (59713)...Wm. Duthie  
No. 7. Sweet Jasmine 2d.  
Red; calved August 5, 1904. Accepted for record. Owned by F. A. Edwards.  
Dam. Sire. Breeder.  
Got by Imp. J. I. Marengo 145091...Philo Mills  
Gaveston 112068...W. A. Harris  
Imp. Jasmine 2d...Cumberland (46144)...A. Cruickshank

In the quarter of a century that I have been breeding Short-horns I have never offered a more useful or more valuable lot of cattle. Nearly one-half are pure Scotch, of the very choicest breeding. Three of them are among the best imported cows ever brought from Scotland, one of them being my great Cruickshank Broadhook's cow, Fair Duchess, the best cow in Bluffview herd. She sells with a show bull calf at foot, sired by the royally bred Cruickshank Secret bull, Secret Viscount 212705. Her daughter, Imp. Fair Duchess of Bluffview, and bull calf, together with a choice two-year-old daughter by Duke of Oakland 2d, are other attractions of this very prolific and profitable family. I am selling the best cow I ever owned and the best heifer I ever bred. Also an unusually good lot of daughters and granddaughters of Duke of Oakland 2d, bred to Secret Viscount. The bull offering includes five pure Scotch, two of them out of imported dams and by an imported sire. They are a top lot and afford a good selection for herd headers.

I hope to meet all my former patrons and all lovers of good cattle who can be with me on sale day. Catalog on application.

Cols. Geo. P. Bellows and  
M. L. McCullogh, Auctioneers.

**F. A. EDWARDS, Webster City, Iowa.**

## Illinois and Missouri's Great Duroc Bred Sow Sale Circuit.

Breeders of the Duroc Jersey throughout the corn belt if looking for desirable bred sows should investigate the various offerings that are to be made by the men who have formed the four days' circuit in Illinois and east Missouri. The second week in February was chosen by these breeders for their sales, and on February 12th Messrs. Harry Riggins and C. T. Rogers, of Petersburg, Ill., will open the circuit, selling twenty yearlings and twenty spring gilts, the tops of two good herds that deserve more prominence than they have gained heretofore. Each of these gentlemen have been and are breeders of the right kind. At the head of Mr. Riggins' herd is that great show and breeding boar, Gold Finch, that made such a great showing in 1903. He is now nine years old, but as sure and as active as a pig. A greater constitution or a smoother hog is hard to find. Gilts by him or sows bred to him should be in demand. At the head of Mr. Rogers' herd is Chicago Lad, the champion at the International the same year Gold Finch won first in class. Here, too, is a great breeding boar and some of the best things in the sale are daughters of this boar. These gentlemen own together a son of Helen Blazes IV, called Uncle Fred, and a son of Crimson Wonder called Proud Wonder. These have been used along with the older boars and those wanting bred sows will find that Messrs. Riggins and Rogers have them good and well bred. They sell in town in heated sale pavilion where all can be comfortable.

### SECOND DAY.

On Wednesday, February 13th, at his farm, Mr. T. E. Laurie, of Jacksonville, Ill., will sell forty-five head, twenty yearlings and twenty-five spring gilts. Mr. Laurie is one of those men who stand by their colors first, last and all the time, and good Durocs are his hobby. If indeed they may be called such. Mr. Laurie is a breeder who understands the business of mating so as to produce good ones, and breeders will get the advantage of his years of experience at this sale. The herd boars in service at Mr. Laurie's are He's Our Pride, a grandson of both Kant Be Beat and Top Notcher; Buddy K., a litter brother to Buddy K. 4th; Buddy Perfection, a grandson of Sensation. He's Our Pride is a boar that pleases the eye of the man who likes a strong-constituted hog with a back, loin, spring of rib and two good ends and all set on four legs of the milpost variety. Buddy K. is a boar that has good outline and, but for an accident which caused him to go lame he would be in a class of top notchers. He is a breeding proposition. Daughters of these great boars and sows bred to them should be in demand. As special attractions Mr. Laurie will include some of the sale-toppers he has been buying of late. Among these is Corrine Laurie got by Buddy T., sire of Buddy K. 4th. She is bred to Tip Top Notcher. Corrine Laurie was in second-prize herd at Illinois State Fair this last year. Breeders, stick a pin here. Two daughters of Buddy K. 4th are in the sale, one bred to Tip Top Notcher and one to Proud Advance. There will be a Proud Ad-

vance gilt bred to Buddy K. 4th in the sale that will make a great sow, also one bred to Tip Top Notcher. A Proud Advance gilt and a Buddy K. 4th gilt are being bred to Gold Finch and great results may be expected here. Mr. Laurie invites the breeding fraternity to be with him sale day, as this is his greatest effort and as good as he owns go in the sale.

### THE THIRD DAY.

On to the show-me state will be the order of the day on Thursday, February 14th, at which time Mr. B. W. Hale, of Laddonia, Mo., will sell twenty matured and yearling sows and twenty spring gilts. Mr. Hale is not an old timer, yet he is one of the most enthusiastic breeders in the business. At the head of his herd is Champ Clark, a son of Tip Top Notcher and out of Gold Dust Rose, the granddam of Helen Blazes III, and litter that sold for \$1,900 in the Fagin, Browning & Hess sale last winter. At their last fall sale the boar, Chief Paul Finch, was bought. He was got by King Morton and out of a daughter of the great Gold Finch. He should cross well on the Champ Clark gilts. As attractions Mr. Hale sells Perfect Gold Dust 33d; four granddaughters of Top Notcher, an A. F. Russell-bred gilt by Iowa King, two daughters of Gen. Cronje, the American Royal champion in 1906. These with the great lot of Champ Clark stuff will be found attractive. Mr. Hale says come and be his guest sale day.

### THE FOURTH AND LAST DAY.

At Shelbyville, Mo., on Friday, February 15th, Messrs. Maupin & Applegate, of Shelbyville, Mo., will sell sixty head, the largest number that go in any sale in the circuit. Messrs. Maupin & Applegate own two herds, but buy boars and own them in partnership, which enables them to line up most anything they wish, such as the young boar, Bell's Chief, got by the great Ohio Chief and out of that great young daughter of Nebraska Belle, Savannah Belle, for which Mr. Sam Murphy paid \$730. Messrs. Maupin & Applegate paid Mr. Murphy \$300 for this pig long before he was six months of age. As an individual he merits the expenditure and if breeding counts he should breed on. They are also using a good son of Buddy K. 4th and out of a Tip Top Notcher sow, a Proud Advance pig and Paul Kruger got by Kruger and out of an Oom Paul sow. Their sale is full of attractions, such as Helen's Sister, a litter mate of Helen Blazes. Mention of others will be made in future issues. These gentlemen sell in town and request you to come if possible. For address of each member of this four days' sale circuit see advertisement on page 38 and kindly mention this paper when writing them.

Buddy K. IV. Sells at Auction Feb. 6th.

The only reason that Ed. A. Baxter would ever part with Buddy K. IV. is that he is going to quit breeding Duroc Jerseys. The writer, representing this paper recently inspected the herd of Mr. Baxter at Pawnee, Ill., and wishes to state for the benefit of our readers that the lot which will be offered to the public is one of the best that the breeders will see this season. There are

many sows which would not be priced, let alone sold, were it not for the fact that Mr. Baxter is absolutely closing out his herd. There have been sales that were advertised as closing out sales where the breeders had no idea of quitting the business, but this is not the case with Mr. Baxter. He has assured the proprietor of this paper that he means to sell everything he owns in the Duroc line, and told a representative of this paper that his breeding crates, self feeders, of which he has four, and other property connected with his hogs would be for sale. Sixty-five head have been cataloged. They include twenty-two brood sows from one to three years old that have been regular producers, many of them having raised two litters. The spring gilts are good ones and those not related have been bred to Buddy K. IV. This is the case with all the sows in the herd. Those not related have been bred to Buddy K. IV. This noted sire and show-yard winner will be sold at auction to the highest bidder without reserve of any kind. No matter at what price he sells he goes. The breeder in search of a herd boar, one that has given to the breed boars and sows fit to win ribbons in the strongest shows, and to be used at the head of some of the best herds of the breed, cannot afford to miss being present on sale day. The man who is fortunate enough to secure this boar will never regret it. The catalog which Mr. Baxter has just issued, will show the breeding and families represented in this offering. It should be in the hands of every breeder of Durocs and will be sent free to those who write for it, saying you did so at our suggestion. Plan to be present at Pawnee on Wednesday, February 6th. Those coming from the sale of Messrs. Fagan Browning & McCabe, stop at St. Nicholas Hotel, Springfield, Ill., at Mr. Baxter's expense. Can leave in the morning and be in plenty of time for the sale. Kindly mention this paper when writing.

### Pollock's Closing Out Sale.

An opportunity to buy something exceptionally good in Duroc Jersey herd boars and brood sows is offered in the closing out sale of Mr. D. J. Pollock, of Thayer, Iowa, on February 1, 1907. Mr. Pollock has been one of the most successful breeders and showmen in the ranks of the Duroc Jersey fraternity. It was he who brought out the great Iowa State Fair prize-winning boar, Perfection Chief, and he is selling some of his very best daughters in this sale. Of the two herd boars we desire to speak first and we will say to the Duroc breeder who is looking for a herd boar, go to the Pollock sale and get one that will suit you. Fancy Perfection 47967 is a yearling, sired by Perfection Chief, and one of the promising boars for next year. Mr. Pollock showed this boar last fall at the Iowa State Fair and won two, fifth places on him with four states represented. He got one of the two premiums that came to Iowa on this young boar, which certainly speaks well for him. This boar is proving himself an excellent breeder and we want to say to the many breeders who are in the market for a herd boar, go and buy Fancy Perfection. We will refrain from describing this young

boar and will rely on his state fair winnings in one of the greatest shows ever held to speak for his true character as a typical Duroc Jersey boar. His other boar is D. J.'s Orion Chief, a son of the great Ohio Chief out of Pilot's Nancy by Young Pilot. Mr. Linn Roberts assisted Mr. Pollock when selecting this pig and predicted a great future for him. He said at the time that he was the second best Ohio Chief boar that he knew of and thought he had in him a great outcome. Both of these boars have been bred to the sows that will be sold in the sale. Either one is good enough to head any herd, and the breeder who wants a herd boar we will say to him, don't miss the Pollock sale. Among the best sows is Princess Alice, a fall yearling and a daughter of Perfection Chief. She was one of the three sows in his young herd at Des Moines last fall. She is an especially good young sow and is safe in pig to D. J.'s Ohio Chief for early farrow. Another good Perfection Chief sow is Red Duchess, a litter sister to Fancy Perfection, the herd boar referred to above. Fay Janice is a yearling, a daughter of Alix Pride out of the second-prize Iowa State Fair sow, May Janice. She is bred to Fancy Perfection and is something that will not make a bad show next year. He also sells a good daughter of old Brilliant in the sale and a good daughter of Fairview Chief, both bred to Fancy Perfection. Another good Fairview Chief sow that deserves more than a passing mention is Faultless. This sow he has had some very tempting offers on before he concluded to sell his herd, but she now goes with the rest and she is bred for an early farrow to Fancy Perfection. Queen Nichols, considered the best sow in his show herd, will also be sold, and she is bred to the Ohio Chief boar. There are two good Fancy Perfection gilts in the sale out of a daughter of old Brilliant. There are a number of good things in this sale and inasmuch as it is a closing out sale there should be a lot of good bargains. There are several things in this herd that breeders should go after. If you cannot be present, send a bid to Mr. Alva Manifold, the auctioneer, in care of Mr. Pollock, and he will select for you just what you want. Write at once for a catalog and mention The Homestead.

### A Coming Duroc Sale.

Mr. J. S. Teale, of Lamoni, Iowa, in sending in request for The Homestead to claim February 28th for his sale of Duroc Jerseys, writes: "My sale will represent the best families of the Duroc breed, such as Ohio Chief, Proud Advance, Ben Davis, American Royal, Brilliant and Tip Top Notcher. The boars I have used on the sows are Ben Davis, My Chief by Ohio Chief and American Royal Jr. by American Royal. There will be two Proud Advance gilts, one of them a granddaughter of Tip Top Notcher and they are bred to My Chief. This is the blending of Tip Top Notcher, Proud Advance and Ohio Chief blood which should make something good. My Chief has been used freely in the offering on sows sired by Ben Davis, American Royal Jr. and Genevieve Brilliant. Write for catalog which will be ready February 15th."



# TWO GREAT OHIO CHIEF SOW SALES

TWO OF THE GREATEST DUROC JERSEY SALES EVER HELD

**WESTON, IOWA, JANUARY 30, 1907.**

Included in my sale will be Allen's Maid, first-prize sow at Iowa State Fair, 1906, and bred to the great Ohio Chief. There will be forty head in my sale, and they will be bred to Ohio Chief, Briggs Prince, and Baxter's Buddy K.; daughters of my splendid boar, Indicator, and daughters and granddaughters of Orion, Proud Advance, Red Chief I Am, and other noted sires. I never sold as good an offering as I sell in this sale. About fifteen head bred to Ohio Chief. Write at once for catalog. Address.

**O. E. Osborne,**

**Weston, Iowa.**

**CARSON, IOWA, JANUARY 31, 1907.**

"The Home of Winners." Forty head of big-class sows, daughters of Proud Advance, Orion, Dandelion, Advance, Perfection Chief, and grand daughters of the great Nebraska Belle bred to Ohio Chief. There will be sixteen head bred to Ohio Chief in this sale. Others bred to R. J. Proud Orion, by old Orion, and out of Proud Lady, the \$1,275 sow; also to my great young boar, Keep On Perfection. Nothing but the tops go into my sale. Write at once for catalog. Address

**R. J. Harding,**

**Macedonia, Iowa.**

Bids sent to Mr. M. T. White, representative of The Homestead, or to Colonel Luther, in care of either breeder, will be properly cared for. Kindly mention The Homestead when writing for catalog.

## Final Notice Bluffview Short-horn Sale.

This will be the last opportunity The Homestead will have to direct the attention of more than 100,000 of its readers to the very important sale of Scotch and Scotch-topped Short-horns, to be sold at Webster City, Iowa, on January 29th, by Mr. Fred A. Edwards from his famous Bluffview herd. A Homestead representative who has recently inspected this offering was very much impressed with the high character of the cattle to be sold. They are in splendid condition for a winter sale and all females are of breeding age and with only two or three exceptions are unusually choice. The sale includes what Mr. Edwards believes the best Short-horn cow that he ever owned and the best two-year-old heifer that he has ever bred during his twenty-five years' experience in the business. These two animals were referred to in our last issue and are Lots 1 and 3 of the sale catalog. While we mention a goodly number of the Scotch females, we are not unmindful of the splendid young bulls to be sold, chief among which is Nonpareil Stamp and Count Marjory. The first named is Lot 11 of the sale catalog and was sired by Imp. Morning Star. His dam was Imp. Nonpareil 33d by Clan Alpine. Imp. Morning Star was a beautiful roan bull bred by Mr. Philo Mills and sired by the great Duthie bull, Pride of the Ring, the highest-priced calf of 1898 in the Collingie sale. Imp. Nonpareil 33d is one of the very best representatives of this illustrious family. Mr. Cruickshank, as well as Mr. Campbell, thought very highly of this family, and from them produced some splendid cattle. They have furnished numerous prize winners at the leading shows. Count Marjory was out of Imp. Lady Marjory, a daughter of the celebrated Count Lavender, which won fifty-two first prizes and championships. Her dam was Lady Mary 12th by that grand old bull, William of Orange, whose tower of strength was felt in the Uppermill herd of Mr. W. S. Marr to a greater extent than that of any other bull ever used. As to choice between these two bulls, Nonpareil Stamp and Count Marjory, there may be an honest difference of opinion, but perhaps as many well-informed breeders would select one as the other. At the present time The Homestead man's choice is Nonpareil Stamp. Both are choice reds with long, mossy coats of hair and give every promise of making a pair of choice herd bulls. No breed in the world is too good to put at its head a bull like either of them. Another good bull is Scottish Count, a grandson of the \$1,530 cow, Emma 17th. He belongs to the famous prize-winning Emma family, celebrated at the hands of Messrs. J. H. Potts & Son with their famous twin Emmas, undefeated in the show ring. This young bull was sired by College Fairwell and he by Scotland's Crown. Hence is a half-brother to Scottish Crown that sold for \$1,025, Imp. Scottish Signet that sold for \$1,315 and of Silver Crown, the first-prize steer calf at the International in 1901. Another splendid bull sired by College Fairwell is His Highness out of a Cruickshank Bra-with Bud cow sired by Duke of Oakland 2d. This bull is roan, calved July 23, 1905, and is a deep, thick, massy fellow, full of quality and one that is a credit to the family to which he belongs. Perhaps the best individual bull in the entire offering is Lot 37, Victor's Prince. He was sired by Prince of Bluffview, he by Duke of Oakland 2d and out of Imp. Fair Duchess, the Broadhocks cow referred to as No. 1 of the sale catalog. The dam of Victor's Prince was Bonnie Victor by Greengill Victor and she out of Bonnie Mabel by Imp. Prince William. While this bull may not be termed a Cruickshank bull, there is a preponderance of Scotch blood in his veins, and that of the very best. He is a dark red roan bull, calved November 27, 1905. His straight, level lines and true Short-horn character certainly place him in the front rank among good bulls of this age. He has an ideal Short-horn head and is a typical beef beast from end to end. He is a credit to his breeder, as well as to his splendid sire. Fortunate, indeed, will be the man who secures this bull. There will be five of these Scotch bulls in the sale that are well worthy of places where good qualities from a breeding standpoint can be better demonstrated. Referring again to the female offering of the Scotch cows not already mentioned, Lady Nell 2d occupies a prominent place. She is a daughter of Great Light and out of Imp. Lady Nell by Bapton Conqueror. She belongs to the Cruickshank Clara family. Lot 7 is Sweet Jasmine 2d, a daughter of Imp. J. I. Marengo and out of Sweet Jasmine by the Linwood-bred bull, Gaveston, and she out of Imp. Jasmine 2d by Cumberland. The writer well remembers Imp. Jasmine 2d, the massive roan cow that stood in a class by herself during her younger days in America. The rich breeding in this pedigree should be seen to be appreciated. The list of sires runs something like this: Imp. J. I. Marengo, Gaveston, Cumberland, Cawdor, Barmpton Prince, Master of Arts and Champion of England. Could the Scotch critic demand anything richer than this? Lot 8 is a royally-bred Duchess of Gloster, with her heifer calf at foot by this splendid Victoria Cruickshank bull, Double Victor. A fitting companion for Heather Bell, Lot 3 of the catalog and the one that Mr. Edwards considers the best that he has ever bred, is

her stall companion, the rich red roan heifer, Pleasant Ridge Athene. This is a daughter of that grand good bull, Double Victor. She is a splendid thick heifer, level in her lines and is but four removes from Imp. Athene, brought over by Mr. Luther Adams, of Storm Lake, Iowa. She was bred December 9th to the Victoria bull, Fearless Victor. A splendid Cruickshank Matchless cow or heifer will be found in Lot 10, Matchless Bell. She, too, is a daughter of Double Victor and traces directly to Imp. Matchless 16th by Senator. This is a red heifer and one that will bear acquaintance. Aside from the Scotch females in this offering are some choicely-bred Wild Eyes, Kirklevington, Rose of Sharon, Young Mary and other select American sorts. Mr. Edwards could not afford to make the entire offering of that high character and select all Scotch cattle, but the offering throughout is one that is desirable and a credit to the proprietor of Bluffview. His beautiful catalog now ready for mailing should be in the hands of every Homestead reader, and we trust all who are interested will send for one at once, mentioning the fact that they were induced to do so by the announcements in The Homestead. Col. Geo. P. Bellows, of Maryville, Mo., will conduct this sale, assisted by M. L. McCullough. See advertisement on page 40.

## Last Call Schmieder Poland China Sale.

The breeders of northwest Iowa will be present on January 29th, when Mr. John Schmieder, of Remsen, Iowa, makes his public sale of Poland China brood sows. Mr. Schmieder came prominently before the breeders of his section of the state when he showed a few of his herd at the interstate fair last fall, and came away with the first prize on his boar pig under six months, a son of his herd boar, Winning Perfection. He sells four litter sisters of this first-prize pig in this sale, and they are worth buying for brood sows. In fact, most of the gilts in the sale are sired by Winning Perfection, and about ten head cataloged are bred to him. One good lengthy gilt is sired by Grand Chief Tecumseh 2d, the Nebraska State Fair sweepstakes boar, and her dam is Lady Moss by Moss Chief and she is bred to Winning Perfection for early farrow. Four gilts in the first of the catalog are out of Best of 1904, she by Large Perfection. This is the dam of his first-prize interstate fair pig and she is one of his greatest brood sows. He sells a two-year-old daughter of Moss Chief and a yearling sow called Whiteface Beauty, both bred to Winning Perfection. Mr. Schmieder also sells five gilts by Keep On 3d, all bred to his old boar. The old boar is bred to about ten head that go into the sale. He sells All Dude 2d 116967 in this sale. All Dude is a grandson of Nemo L's Dude and will make some breeder a good herd boar. Readers of The Homestead are requested to write for catalog and then go to the sale. Please mention The Homestead when writing. See page 44.

## Babcock's Poland China Sale.

On Saturday, February 2d, Mr. Ernest S. Babcock, of Manning, Iowa, will make a public sale of fifty head of Poland China brood sows in the new sale pavilion. Mr. Babcock is one of the enthusiastic young breeders of the state and comes from a family of stock raisers, his father and brother being well known Short-horn cattle and Poland China breeders at Lyons, Neb. He will sell fifty head in this sale, the cream of the 150 head now on the farm. In a recent letter he writes: "I am selling some of my very best sows, many of which will weigh from 500 to 700 pounds and these are all tried brood sows. Every sow that will be sold in my sale will be guaranteed. The sire of several of these sows will weigh over 900 pounds. These sows will be bred to Brookline's Express (Illinois interstate winner) and Long John, a bog that will mature into a 900-pound boar. Brookline's Express will be fitted for show at the Iowa State Fair next season. Just say to Homestead readers that I am selling the cream of my herd in my first annual sale in order to attract the best breeders. My gilts are growthy and full of quality, and every one carries a guarantee with her." Those who are wanting Poland China sows should write Mr. Babcock at once for catalog and then attend the sale. Kindly mention The Homestead when doing so.

## Last Call for Vrtiska's Bred Sow Sale.

With this issue we call the attention for the last time to the Duroc bred sow sale to be held at Pawnee City, Neb., on January 29th, by Mr. Frank Vrtiska. This is Mr. Vrtiska's first attempt at holding a bred sow sale and he will endeavor to make it a drawing card by putting in the very best that he has on the place. He will offer thirty-five head, including some of his good tried sows, a few good yearlings and about twenty growthy spring gilts. They are a growthy, big-boned lot in prime breeding condition and bred to well-bred boars. There will be fourteen head in the sale bred to Chief Kan't Be Beat, a grandson of Kan't Be Beat, ten head bred to Advance, Proud by Proud Ad-

## ANNUAL SALE POLAND CHINA

**60 BRED SOWS, 60 Yearlings and Gilts**

**At Bennett, Cedar County, Iowa, January 29, 1907,**

I will sell on the above date, in the Bennett Sale Barn, 47 head of yearlings and tried sows, bred to the several boars, Iowa Perfection 102717, Young Wonder 117033 and Chief Price 4th 118007. The result of this combination of breeding should prove a good one. I also offer 12 head of gilts of spring farrow, sired by King Perfection 89209, and bred to the above named sires. Scale and bone are my specialties. I also offer one good breeding boar, Iowa Perfection 102717. Send for catalog. Bids will be cared for by the auctioneer, Ira Cottingham, Eden, Illinois.

**GEORGE REGENNITTER, PROP.**

## Rankin's Great Duroc Jersey Sale

**CARSON, IOWA, FRIDAY, FEBRUARY 1, 1907**

"THE QUEENS OF MY HERD" ARE CATALOGED FOR MY SALE

### LOOK AT THE LIST:

Three Daughters of Glendale Critic.  
Eight Granddaughters of Gold Dust Jim.  
Several Granddaughters of Crimson Wonder.  
Great Granddaughters of Orion, Higgins' Model.  
Twelve Fall Yearlings Bred to a son of the great Crimson Wonder.

### FORTY HEAD

One of the greatest daughters of old Orion will be one of the sensations of my sale. She is bred to Ohio Chief for early farrow and she is a grand sow.

There are no better blood lines and no better individuals than I am offering in my sale. If you want the GOOD ONES, you will be compelled to be at my sale.

When writing for catalog, please mention Iowa Homestead. Address,

**W. A. Rankin, Carson, Ia.**

**COL. LUTHER, AUCTIONEER**  
Send bids to auctioneer, or to M. T. White, representing this paper, in care of Mr. Rankin.

## 50 BIG POLAND CHINA SOWS AT PRIVATE SALE

**Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.**



**GAY MONARCH, The 1,000 lb. Boar.**

SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

**E. F. ESCHER, Manning, Iowa**

vance, four to Pawnee Improver by Improver II. So you can note from this that the breeding of both sire and dam is of the most noted strains. This is a very useful offering and are the thick kind that pull

down hard on the scales when weighed for market. Catalogs now ready and can be had for the asking. Write for one and mention The Homestead. See page 42 for the advertisement.



## COMBINATION SALE OF REGISTERED

## SHORT-HORN CATTLE

To Be Held at Sale Pavilion on Fair Grounds

SHENANDOAH, IOWA, JANUARY 30, 1907.

40 Head---26 Females and 14 Bulls---40 Head

From the herds of Geo. H. White, Emerson, Iowa; W. B. Clark, Farragut, Iowa; John S. Dickey, Farragut, Iowa; C. F. Mitchell &amp; Son, Farragut, Iowa; and the executors of the estate of the late Samuel Spears, Shenandoah, Iowa.

The above breeders are selling some of their best cattle. Among the bulls are several strong, vigorous yearlings of outstanding merit. The females are a good lot and comprise the tops of these herds. The Spears herd will be closed out in this sale, and they are selling some splendid cattle, their herd being noted as one of the best in southwest Iowa. There will be show bulls that were prize winners at the Iowa and Nebraska State Fairs, as well as at some of the best county and district fairs in the state. Mr. White sells Contractor's Banner Bearer, second-prize bull at Nebraska and one of the leading prize winners at the Iowa State Fair.

This will be one of the best Short-horn sales ever held in southwest Iowa. The cattle are an exceptionally good lot individually and many of the cows will have calf at foot. Write for catalog and kindly mention The Homestead. Address,

C. F. MITCHELL, MANAGER, FARRAGUT, IOWA.  
Col. Geo. P. Bellows, Auct.

PRIZE WINNING DUROC JERSEY SOWS  
AT PUBLIC AUCTION

The Cream of the Norrish & Bevington Herd Will Be Sold at  
KINGSLEY, IOWA, JANUARY 31, 1907.

40 Head 20 Yearling and aged Sows, The Like of Which Will Not Be Sold Again This Year. 20 of Our Best Gilts. 40 Head

Daughters of Proud Advance, Orlon, Duroc King, Iowa Banker, Pericles H., De-fance, King James, and our sensational prize winner, CEDARLAWN MODEL. They are bred to Cedarlawn Model, King James, and Sir Riley, a son of the Great Ad-vancer. There will not be a poor sow in our sale. It is the cream of the herd we are offering in this annual sale and we hope to have all the breeders at our sale. Catalog now ready. Address

NORRISH & BEVINGTON,  
Col. Pat McGuire, Auct. KINGSLEY, IA.

A. L. MOSSMAN'S BROOD SOW SALE, JANUARY 29, 1907  
40 BROOD SOWS, RICHLY BRED 40

A. L. Mossman of Radcliffe, one of the Reliable Duroc Breeders of Iowa, will sell at auction on his farm, one-half mile east and 2½ miles north of Radcliffe, Iowa, under sealed and heated tent, 40 richly bred Duroc sows and gilts. Ten tried brood sows of the cream of his herd, which have proven themselves to be breeders and good mothers, no deformities, but all useful, fine individuals with good dispositions, being gentle and kind and daughters of Tientsin 1261, the boar that sired the champion junior yearling sow at State Fair 1906. Some of these yearling sows are half sisters to this fine sow and bred to A. L.'s Chief, one of the best yearling boars of the breed. The boars used on the sows are A. L.'s Chief 4337n, 15723a, by I. J.'s Chief 1245a, L. J. taking first at Indiana State Fair 1905, weighing 1,000 lbs. and as smooth as a perch. A. L.'s Chief has proven himself a great breeder, as will be seen on sale day in gilts in the sale. 20 Iowa 43559 by Ohio Chief 41419u is one of the good ones. King of Radcliffe 55871 by Corroctor, the J. D. Nidlinger show and breeding hog, King of Radcliffe, is a very promising boar, his dam being Decatur Belle M 112283, Mr. Nidlinger's show gilt at Indiana State Fair, Ohio State Fair, Illinois State Fair and other shows, always winning first. J. Wonder 43861 by West Side 23983, is a litter brother to Crimson Wonder and a good individual. Promoter Chief by Chief Promoter by Top Notcher Again 10787a. Now these sows and gilts have been handled and fed so we believe they will do the purchaser and myself good. All breeders and neighbors and others are cordially invited to attend this sale to be held on farm 2½ miles north and one-half mile east of Radcliffe on the C. & N. W. R. R. and 2½ miles west of Sherman on the Des Moines, Iowa Falls & Northern R. R. Parties from a distance will be entertained at hotel in Radcliffe or at farm, and conveyed to and from sale free of charge. Catalogs are now ready and being mailed. If you have not received one, write to A. L. Mossman, Radcliffe, Iowa, mentioning The Homestead, and he will mail you one. All mail bids can be sent to Col. F. F. Luther, or O. L. Mossman or W. F. Stratton in my care and will receive honorable treatment.

A. L. MOSSMAN, C. G. WERNER, Clerk.

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Address,  
JAMES WILSON & SON, AVOCA, IOWA

## LIVE STOCK AUCTIONEERS.

Col. Judd McGowan  
Clinton, Illinois.  
Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

## GEO. P. BELLAWS

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

CAREY M. JONES,  
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231 Ashland Blvd., Chicago, Ill.

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Live Stock Auctioneer and Pres. American Auction School  
Third Term Opens July 8, 1907.

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F. H. JACKSON, Rutland, Ill.  
LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

## LIVE STOCK AUCTIONEERS.

FRED REPPERT,  
DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breed-ers in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 330; residence, 312

Jones Nat'l School of AUCTIONEERING  
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All branches. Special instructors.  
Term opens soon. Free Catalog.  
CAREY M. JONES, Pres.

C. C. KEIL, LADORA, IA.,  
LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowl-edge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs Write for dates, mentioning The Homestead.

J. P. SPEARMAN, PAPILLION, NEB.  
LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

A. V. LOCK, REMINGTON, INDIANA  
Live Stock Artist.  
Work satisfactory. Prices reasonable.

PUBLIC SALE  
OF FORTY HEAD OF  
THE LARGE TYPE POLAND CHINAS

At Hubbell, Neb., January 31, 1907.

## 20 head of aged and yearling sows, 20 growthy big boned gilts

Six Expansion See sows bred to Grand Look, first-prize hog under eighteen months at Nebraska State Fair, 1906, and first and sweepstakes at Hutchinson and St. Joseph Interstate Fairs. My herd represents the blood of Expansion, Mogul, Highland Chief Jr., Ontier, a son of On and On and other boars of showyard fame. If you are looking for big ones, come and see me. I have them. Catalogs now ready. Mail bids can be sent to Ray Page, of The Homestead, in our care.

Y. S. Branson,  
Auct.

McKeever & Sons,  
Proprietors.

## RUEBEL BROS.' THIRD ANNUAL SALE

FEBRUARY 12, 1907.

60 POLAND CHINA BRED SOWS.

Consisting of matured sows, fall gilts and spring gilts. Bred to R.'s Keep On, one of the great sons of the noted Keep On 61015, and Iowa Chief, by Ed. Klever's Thicket. Iowa Chief is the best Thicket boar in Iowa—twenty are bred to Moderator, the great young boar we purchased of John Blain, Pawnee City, Nebraska. This was the best extra large smooth pig that Mr. Blain was able to find after visiting twenty-five or thirty of the best herds in Nebraska and Iowa. There will be sows in this sale sired by Chief Perfection 2d, Keep On, Mischief Maker, Chief Tecumseh 3d and other noted boars. If you want size, breeding and quality you can get it here. Get your name on our mailing list for a catalog.

RUEBEL BROS.

ROCKWELL CITY, IA.

## 35 DUROC JERSEY SOWS AT AUCTION 35 Head

PAWNEE CITY, NEBRASKA, JANUARY 29, 1907

Representing the blood of Kan't Be Beat, Proud Advance, Ohio Chief, Improver II, Belle's Chief and other leading sires. Sale at farm two miles west and two miles north of Pawnee City, Nebraska. Write for catalog.

Aucts. Col. L. W. Leonard &amp; Son.

FRANK VRTISKA, PROP., PAWNEE CITY, NEB.

## CHESTER WHITE HOGS.

## Lawsh's Chester White Sows and Gilts.



100 HEAD of very choice matured and fall yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Monarch Jr. 13301, Captaln 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address Geo. H. Lawsh, R. R. 3, Harlan, Ia.

Modeler 13235 and W. F.'s Model 12101  
AT HEAD OF  
MODEL HERD  
CHESTER WHITES.

Modeler 13235, winner of breeders' Champion at Iowa State Fair, first in class at Iowa, Minn., Wis., Ky. and Ill. state fairs 1906. W. F.'s Model 12101, winner of second place Iowa State Fair 1906. For sale, 30 strictly choice gilts and yearlings sired by W. F.'s Model 12101 and All Right 14789, bred to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Fly. Rock cks. W. F. Hemmerling, Dike, Grundy Co., Ia.



## SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar. and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## The Wildwood Herd Chester White Hogs

THIRTY lengthy, well formed, strong boned boars of March and April farrow; ready for active service, and gilts either open or bred, for sale at moderate prices.

W. W. VAUGHN,

MARION, IOWA.



## CHOICE CHESTER WHITE SOWS &amp; GILTS

THE kind that sell, the kind that win. Bred to the most noted boars living, such as Captaln 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection solicited. 1 mile west of Kirkman, Ia. H. & A. phone 8260. I handle the best; ship no inferior stock. Address or call on J. L. BARBER, R. R. 3, HARLAN, IOWA.

## Mt. Ayr Herd Of Chester Whites

WE have a choice lot of heavy boned, large gilts. April farrow, will weigh 250 to 275 pounds, for sale. Sired by His Majesty 15923, and are safe in pig, bred to Capt. 2d 16169, heavy Enterprise 11545, Capt. 2d is a heavy boned hog, a splendid animal, weighs 800 pounds. Gilts are good ones; good on their feet. Will ship subject to inspection. Correspondence solicited. W. H. SWAN, 910 Spruce St., Atlantic, Iowa

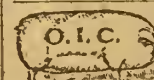
## MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

## 50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head of Improved Chester White Swine.

At Geneseo, Illinois, February 2, 1907.

These sows are bred to state fair winners. Send for catalogs. Address  
R. F. D. No. 6, D. H. LEWIS, GENESEO, ILLINOIS



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the set of Norway Chief and other boars need. Our past season's business was very good. We intend to make a better offering than in the past. All boars are eligible to record in the O. I. C. Association. Write for our prices on the set of Col. Cody, Crockett King, Kaiser and Perfection. FISHER LIVESTOCK CO., P. O. BOX X, HASTINGS, NEB.

T. A. STEVENSON,  
Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

Chester White Spring Pigs All Sold.  
GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## Chester Whites.

Farmers' Prices.

I HAVE 20 well bred April boars and about 50 bred sows and gilts for sale at farmers' prices. S. J. PHILLSON, Harlan, Iowa.

## IMPROVED CHESTER WHITE GILTS

OF MARCH and April farrow, extra good ones. Prices very low. Also yearling and two-year-old sows; gilts and sows safe in pig. E. J. TRUMBAUER, Patterson, Iowa

When writing please mention this paper.



## CHESTER WHITE HOGS.

HUMBERT & WHITE'S  
"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, **Combination**. Write us for a combination pig and get the quality that wins. Address,  
F. D. HUMBERT, Nushna, Iowa. F. P. WHITE, New Hampton, Iowa.

**Rockford Herd Chester Whites and O. I. C.'s**  
A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices.  
JNO. CRAMER, BEATRICE, NEB.

## Chester White Boars and Sows

15 FINE boars for sale, and some choice gilts, bred or open. Prices reasonable.  
J. M. JANSSEN, P. B. 627, R. R. 3, Sibley, Iowa

PUBLIC SALE OF  
Short-Horn Cattle and Chester White Bred Sows  
FEBRUARY 21, 1907.

J. LEFEVRE, Fairfax, Iowa  
Eight miles west of Cedar Rapids.

## 18 Large, Growthy Chester White Sows

FOR SALE, of March and April farrow. Weigh from 200 to 250 lbs., are all bred and safe in pig. No bluer blood in the state. Prices reasonable; write me before you buy.  
F. A. Trumbauer, Patterson, Iowa.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdriit 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

OHIO Improved Chester Whites, Sept., March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebsch, Sciota, Ill.

A FEW good O. I. C. gilts, safe in pig, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evera, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF  
RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

HEDGE LANE HERD OF  
RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.  
OTHO BOYD, Virginia, Neb.

## RED POLLED BULL FOR SALE

ELEVEN months old, sired by Rex 10907, eligible to registry and of good milking strain. Right type and well grown. Price, \$60. Address,  
A. H. JEFFREY, Indiana, Iowa

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address,  
G. W. SHARP, MATCHLESS ROCK, IOWA.  
C. M. & St. P. and C. R. I. & P. Ry.

## HEREFORD CATTLE.

## HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

WILLOW GROVE  
HEREFORDS

COLUMBUS 25th 10912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Heslod and other great bulls predominate in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

## Table Backed Herefords

For Sale Cheap to Quick Buyers.  
40 BULLS from 10 to 26 months old. 50 heifers, bred, average two years old. Prices low, try me.  
W. W. WHEELER, Box H, Harlan, Iowa

## COLUMBUS

55-134103

For sale Hereford sire Columbus 51875, 5 years old, weight, 2200 lbs. bred by Benton Gabbert, Dearborn, Mo. David Hood & Son, R. 4, Perry, Iowa.

## HEREFORDS.

TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.  
A. R. Campbell, Independence, Iowa.

## HEREFORD CATTLE.

....9 CHOICE YEARLING HEREFORD BULLS 9....  
FOR SALE.

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th 121465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address,

JOHN SECOR, Mechanicsville Iowa

## BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

## HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

## Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.  
H. C. CUNNINGHAM, WESTON, MO.

40 Choice Hereford Bulls  
40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.  
EDMONDS, SHADE & CO., Kingsley, Iowa

## JACKS.

## FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

## JERSEY CATTLE.

JERSEY  
CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

## SHORT-HORN CATTLE.

## NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

CRUICKSHANK  
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeder of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

Also Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN, IOWA

## FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Laveuder Royal 135256.

M. D. YARD, CRAWFORDSVILLE, IA.

PUBLIC SALE OF  
Short-Horn Cattle and Chester White Bred Sows  
FEBRUARY 21, 1907.

J. LEFEVRE, Fairfax, Iowa  
Eight miles west of Cedar Rapids.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, Alburnett, Iowa  
Otter Creek Stock Farm.

## JONES CO. HERD OF

SHORT-HORN CATTLE {Stytton Sort 173649  
Bulls {Wampun of Way-  
side 243046  
We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

Pine Grove Short-horn Cattle.  
SCOTCH Herd bulls, good young breeding cows, heifers and calves. Every thing goes at a bargain. Choice bred P. C. gilts for Mar. and Apr. farrow. R. C. B. Leghorns \$1. Interstate phone. Fred Ebendorf, Strawberry Point, Iowa.

When writing please mention this paper.

## SHORT-HORN CATTLE.

NOVINGER & SONS'  
SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirksville, Missouri.

W. A. FORSYTHE  
GREENWOOD, MO.

Breeder of Choice Short-Horns.  
I HAVE a few strictly first-class Scotch bulls ready for service also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bayton Valentine, a son of Imp. Bayton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

BULLS AND GILTS.  
THE IOWA STATE COLLEGE

OFFERS for sale some good young Short-horn, Red Polled and Holstein bulls, also choice bred gilts of the following breeds: Poland China, Chester White, Duroc Jersey, Berkshire, Yorkshire and Tamworth. Address,

DIVISION OF AGRICULTURE,  
Iowa State College, Ames, Iowa

Scotch and Scotch-Topped  
HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronan Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEENSBURG, ILL.

## HUGHESDALE

REAL DUAL SHORT-HORNS  
PURPOSE

HOME of towners 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anok, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

## 6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Mouey Musk), that I think is the best bull I ever bred.

CHOICE SHORT-HORN CATTLE  
FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, Newton, Iowa

Walnut Grove Short-horns & Poland Chinas  
CLEAR The Way 231482, winner 1st in 2-yr old class and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

## COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Chamer. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp.  
A. J. GRAVES & SON, Ames, Iowa

## 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.  
C. W. DAWS & SON, Harlan, Iowa

## WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haus, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

Imp. Fashion Favorite 149580  
FOR SALE.

Also a few very choice young Scotch Bulls.  
Address J. D. McDERMOTT, Wiota, Ia.

BEAVER CREEK SHORT-HORNS.  
SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,  
N. A. LIND, Rolfe, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Duan, Central City, Ia. Maine Valley Stock Farm.

When writing please mention this paper.

## 10 Red Short-Horn Bulls For Sale



12 TO 17 MONTHS OLD.  
Sired by Victoria's President 208996.  
McKEEVER BROS., Farley, Iowa.

CATALOG  
Of Young Bulls For Sale

Will be ready about January 20, 1907.  
ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, Iowa

EVERGREEN STOCK FARM  
SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,  
Vinton, Benton Co., Iowa

## Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.  
NEWTON and BAXTER, IOWA

BLUFFVIEW  
SHORT-HORNS

A FINE BRAWITH BUD BULL FOR SALE, A and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

When writing please mention this paper.



## SHORT-HORN CATTLE.

## OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd heading bulls a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

## 9 Short-horn BULLS FOR SALE

At Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMOND, IA.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duchesses of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR &amp; SON, Davenport, . . . . . Iowa.

## BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD &amp; SONS, ALBION, IOWA, or LISCOMB, IOWA.

## ABERDEEN ANGUS CATTLE.

## 10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull. Prizes, Queen Mothers, Heather Blooms, Rosethorn Queens, etc. Address.

John E. Griffith, WASHINGTON, IOWA. (Mention Homestead.)

## HIGH CLASS ANGUS BREEDING STOCK AT REASONABLE PRICES.

ERICAS, QUEEN MOTHERS, ZARAS, GREYSTONE PRIDES and other families represented, all by such noted sires as BLACK JAM 3d 30709, IMP. ABELOUR, 41201, BELL'S ECLIPSE 3d 57454, QUOQUE 46102 and LEON ARTIST 33619. Females safe in calf or with calf at foot for sale at all times.

H. H. Trimble Herd, Bloomfield, Iowa. Address all communications to O. D. WRAY, Bloomfield, Iowa

## THE WHEATLEY &amp; WARD ...HERD...

OF Aberdeen Angus. 175 head in herd—Herd bulls, Maplehurst Proteros 47351, Hale Lad 2d and Gardner's Pearl Rosegay 52837. Females represent Queen Mothers, Prides, Heather Bells, Ericas, Easter Tullochs, etc. 16 bulls for sale ranging in age from 10 to 24 months. The herd heading sort. Inspection of herd invited. Address.

WHEATLEY &amp; WARD, King City, Missouri.

## ABERDEEN ANGUS &amp; POLANDS FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Itto by Prince Itto. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

## Allendale Doddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. ALLEN BROS., NEW SHARON, IOWA.

## Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and 5 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24273, a prize winner and sire of prize winners.

J. NISSEN, Meservey, Cerro Gordo Co. Iowa

## 7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duchesses, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special prices on the bunch. Address, FRANK P. PAUP, Kirkman, Iowa

## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Doddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbours, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19068, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

## POLAND CHINA HOGS.

## GAY PERFECTION 2D.

SOWS BRED FOR SALE.


20 GAY Perfection 2d Poland China Gilts bred to Sultan (a son of Thickset). 3 gilts by Radium, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.

JOE STEWARD, AMES, . . . . . IOWA.

## JOHN SCHMIEDER'S GREAT Poland China Brood Sow Sale REMSEN, IOWA, JANUARY 29, 1907.

45 Very Choice and Growthy Gilts and 2 Brood Sows.

46 HEAD sired by Winning Perfection 105015, the sire of the first prize pig at the Sioux City Fair; Keen On 3rd, a grandson of Old Keep On; Grub Chief Tecumseh 2d, sweepstakes boar at the Nebraska State Fair and Moss Chief, a son of Chief Tecumseh 2d. There will be four full sisters to the 1st prize Interstate Fair pig in the sale, and they are good. These will be bred to Winning Perfection, Large Dude and All Dude 2d. All Dude 2d, a grandson of Nemo L's Dude, and a cracking good pig, will be sold in the sale. Write for catalog to JOHN SCHMIEDER, COL. J. A. BENSON, Auctioneer. REMSEN, IOWA. Please mention Iowa Homestead.



**WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.**  
100 FALL and summer pigs, three to seven months old. 54 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G's Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight bred. Herd headed by the prize winning bull Laurel Knight 170782. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

## 45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, WM. RAY & SON, DEFIANCE, IOWA.

## POLAND CHINAS

15 HEAD of growthy March and April boars for sale. Good length, good bone, nicely marked and from The Homestead. Annual brood sow sale, February 7, 1907. Mention The Homestead. BRIDGFORD & NESBITT, R. R. No. 3, ALEDO, ILLINOIS.

## Royal Purple Poland China Gilts

A CHOICE collection of March and Feb. gilts, sired by Royal Purple 40006, by Big Perf. 27189. On dam's side they represent Chief Tec. 3d. Gilts bred to a Keep On boar. First-class stock, the result of my 30 years of breeding. Prices, \$25 and \$30. They will go quick. A. H. JEFFREY, Indianapolis, Iowa.

25 BRED SOWS. DUE to farrow in March and April. Sired by Michael Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed. M. G. Arnold, Strawberry Point, Iowa

## Prairie View Herd Poland Chinas

10 GROWTHY, heavy-boned gilts and yearlings, bred for March and April farrow. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. L. & P. J. D. Vorhees, R. 5, Charles City, Iowa

LARGE Growthy Polands. I have the hog that is a hog. If you want size, bone, feet and finish, I have it. Logan B by Logan Chief is the sire of some choice herd headers. King Do Do Jr., by King Do Do by Expansion is also sire in use. Pigs will please you. Write me before placing your order. J. T. Elerbeck, Beatrice, Neb.

## HAMILTON'S POLANDS.

SEVERAL spring boars for sale by Impudence 97557, Grand Chief Tecumseh 2d and old Moss Chief. I breed for size, finish and quality. A few good fall yearlings fit to head good herds. Write me for prices. L. W. Hamilton, Kearney, Neb.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blandville, Illinois.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## BOARS HARD TO BEAT

35 SPRING boars and 10 large fall yearlings by a son of Keep On and unit of Perfection bred sow. Plenty of size and bone. Prices right. Satisfaction guaranteed. HERT FRY, Plainfield, Bremer Co., Iowa

When writing to advertisers please mention this paper.

## P. W. Perfection 28577 For Sale

BY Chief Perfection 2d, out of a Chief Tecumseh 2d dam. The sire of the gilts that averaged \$50.30 in my sale. Also have eight good young boars for sale. Address, H. FESSEMYER, Clarinda, Iowa

## GROWTHY POLAND CHINA GILTS

BRED to first-class herd boars for March, April and May litters. Parents big boned, mature stock of best breeding. Gilts 200 to 240 pounds, \$20 and up. Short-horn and Polled Durham cattle, all sizes at attractive prices. Address, P. S. & S. Barr, Box H, R 4, Davenport, Ia.

## HOMESTEAD HERD OF POLAND CHINAS.

GOOD strong fall yearling and spring gilts by such noted sires as Keep On 2d, Contractor, Come On, Mounier's Perf. and others. Can breed them to a Chief Perf. 2d boar out of a Keep On dam. Write for prices and description. J. H. BARKER, Mazon, Ill.

## 45 ROYALLY BRED POLAND CHINA BOARS.

SURED by Robert J. 102627, and Keep Alert, by the great Prince Alert, and by Manager 102625, one of the best sons of the noted Medler. These are A1 boars. J. C. Hoag, Manson, Ia.

POLAND CHINA SOWS. Sired by H's T. C.'s U. S. 55611 an 800 lb. hog in show shape and bred to an extra fine boar for April and May farrow. They have good quarters, length and bone, nice head and ears, smooth coats of good color; right up on toes. The making of extra choice brood sows. Priced cheap to move them. J. B. McAllister, Palo, Iowa

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L. Saushine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Little Creek, Iowa.

## FOR SALE.

## Bred Poland China Sows

IN ages from gilts to two years old, of good size and quality and priced to sell. E. O. WOLCOTT, Gilmore City, Iowa

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## POLAND CHINA HOGS.

## Willowdale Herd.

Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

ALL sows old enough to breed reserved for public sale February 13, 1907. Send for catalog. Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH, Maynard, . . . . . Iowa

## BERKSHIRE HOGS.

## BERKSHIRE —BOARS—

FOR IMMEDIATE SERVICE.

I can please you in quality and price. Address, GEO. S. PRINE, Oskaloosa . . . . . Iowa

## Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine A. boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices. W. D. McTAVISH, COGGON, IOWA.

## BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address, E. H. DANCER, Lamoni, Iowa

T. J. CONGDON'S Winning Berkshires have won 10 honors at the best shows. I am now offering some very choice pigs, sired by the great Chamer Duke 20th., by Baron Lee 8th. Some choice pigs by Choice Goods. I breed the large, roomy Berkshires. Everything guaranteed as represented. Extra amount of size on the spring pigs. T. J. Congdon, Pawnee City, Neb.

## BERKSHIRE BOARS.

A FEW choicely bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs. SYLVANUS HAWORTH, New Sharon, Iowa

## LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine. F. Rabeler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Oak Lodge Minister 8th 1835 and O. L. Fusilier 6433, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

## LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD, Box 2, . . . . . Lake Park, Minn

## DUROC JERSEY HOGS.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unequalled. Write to T. L. Livingston, Burcharl, Neb.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

CHOICE Duroc Jersey gilts bred to Sambo 52791, a grandson of Tip Top Notcher, the \$5,000 prize boar. Prices reasonable. Frank Warwey, Mt. Pleasant, Iowa. It. R. No. 8.

## MIDLAND DUROCS

15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

IF you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

DUROC Jerseys that weigh 175 to 200 lbs. Boars and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Fuller & Son, Alden, Ia.

## DUROC Jersey gilts bred for April farrow. Large,

heavy boned. Price, \$25 to \$30 each. Good ones, world's champion blood, S. S. Krebill, Donnellson, Ia.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kidona, Iowa. Shipping point Iowa City.

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## DUROC JERSEY HOGS.

## AVERYDALE HERDS.

Duroc Boars, Short-Horn Bulls For Sale.  
Bred right, fed right, priced right.  
A. M. AVERY & SONS, - Mason City, Iowa

## FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.  
F. E. Garrett, - Lohrville, Iowa.

Bred Gilts and Sows at Reasonable Prices.  
I HAVE a very nice bunch of Duroc gilts to sell, bred to Chief Knight 52486, he by Red Knight, and dam Improver Jewell. Others to Imp. King 54117, he by Hamilton's Improver, and dam North Star. My yearling sows are bred to Ham's Challenger.  
F. A. Ham, - Sarouville, Neb.

DUROC BRED SOW SALE, FEB. 13, 1907  
HERD boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimson I Am 43105, by Crimson Wonder H. A. A. Choice Goods 51197, by W. S. A. A. Choice Goods, mated on the tops of over 60 head to pick from. Address,  
H. A. SEXSMITH, GREENFIELD, IOWA.

The Logan Valley Herd of Duroc Jerseys.  
DANIELSON 12163 at head of herd. Have about 80 pigs for fall trade. 10 good male pigs from Danielson good enough to head any herd. Herd contains blood of such noted sires as Orion, Proud Advance, Jumbo Red, Glendale Prince and others.  
W. A. Peterson, - Lyons, Neb.

100 CRIMSON WONDER DUROCS 100  
I HAVE 100 pigs by Crimson Wonder Jr., Pericles, Pericles II, and Top Notcher Chief, out of daughters and granddaughters of Ohio Chief, Tolstoy, Advancer and Pericles. A choice lot of boars for sale. H. L. Cantine, Qimby, Iowa.

## ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants.  
CHAS. SOBOTKA, - Cainesville, Mo.

## JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc-Jersey sows for sale.  
J. E. WEHR, - Portsmouth, Ia.

## PILOT LAD 15153.

QD prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd leader type, also a good lot of fall sows and spring pigs at reasonable prices.  
L. H. Bryan, - R. R. 1., Neponset, Ill.

## DUROC BOARS ALL SOLD

40 GILTS of April farrow for sale. Will be bred to three first-class boars. Gilts sired by Dale 35189, sweepstakes boar at Hamilton last fall, also by Pericles and C. W. Prince, by Crimson Wonder I Am, Wm. Malcolm, R. R. No. 1, Bigelow, Minn.

L. H. ROBERTS & SON, PATON, IA.  
Choice Duroc Jerseys

FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

50 Duroc Jersey Sows.  
3 Proud Advance Sows  
4 Orion Sows  
Will be sold in our sale at  
LYONS, NEB., February 27, 1907  
Jno H. Tryon & Son, Lyons, Neb.

## Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, led Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

20 Choice Duroc Jersey Gilts 20  
I AM offering a choice lot of bred gilts, weighing from 175 to 300 lbs., that I am pricing for from \$25 to \$50  
ROY E. WEST, - Churdan, Iowa

## BOARS ALL SOLD.

WRITE FOR CATALOG FOR  
BRED SOW SALE JAN. 31, 1907.  
NORRISH & BEVINGTON, - Kingsley, Iowa

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Putten, Sutton, Nebraska

## State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.  
R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,  
SMITH BROWN - Waterloo, Neb.

## Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.  
I. C. Welch, - Bedlord, Iowa.

FOR SALE—Forty Duroc Jersey bred sows and gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free delivery, Buckeye, Iowa, mail, Alden, Iowa. J. W. Briggs.

## HILLSIDE HERD DUROC JERSEYS

Spring Boars and Bred Gilts, \$15 and \$20.  
G. W. MEDLOCK, - Benson, Neb.

## PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

## DUROC JERSEY HOGS.

## CRIMSON WONDER-I AM 34697 Heads the American Herd

BOARS sold from this herd made sensational winnings at Des Moines this fall. I have boars now ready to go out that equal their illustrious relations in style and quality. If you are looking for a show boar or herd header, come and see me. Choice gilts also for sale. Will breed sows of quality and reputation to Crimson Wonder I Am for \$100 service fee. Address,  
U. G. DAVIDSON, MANSON, IOWA.

## POLK COUNTY HERD DUROC JERSEY SWINE

50 choice Gilts from the following strains: Proud Orion, Mauley Orion, Granddaughters of Proud Advance, Billi K, Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tiptop Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.  
Grand Sow Sale February 4, 1907.

ROY WEST - - - - - BONDURANT IOWA.

## PUBLIC SALE OF DUROC JERSEY BRED SOWS

MY SALE WILL TAKE PLACE ON FEBRUARY 20, 1907.  
AT which time I will dispose of sows bred to Proud Advance 23549, Ohio Chief II 41607 and A Proud Crimson I Am 53653, and sired by Proud Advance, Ohio Chief, Orion, Crimson Wonder I Am, Buddy K. IV and other noted sires. We have the best offering we have ever put through the sale ring.  
GRANT WHITE, R. F. D. 4, - AFTON, IOWA

## FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc-Jersey boar, World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.  
FAGAN, BROWNING & McCABE, - Hersman, Brown Co., Ill.  
Brood Sow Sale, February 5, 1907.

## ROSEMARY DUROCS.

GOLD Finch, champion International 1903, heads a herd, 75 extra good spring pigs sired by him for sale at reasonable prices.

HARRY RIGGIN, - PETERSBURG, ILL.

## OAKWOOD DUROCS.

CHICAGO Lad 12367a heads herd. An excellent lot of pigs sired by this prize winning boar for sale. Also good litter by Proud Advance. Address,  
C. T. ROGERS, - PETERSBURG, ILL.

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen Champion Sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.  
WATT & FOUST, - CEDARVILLE and XENIA, OHIO

## LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topmy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good spring yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address,  
HARMON GRUVER, - Brewster, Minn.

## Twenty Head of Duroc Bred Sows for Sale

TWENTY head of sows bred for March and April farrow, of prize winning blood lines. Large and roomy, heavy boned sows with good color. These sows are bred to such boars as Proud Advancer, sire of first prize gilt at Des Moines, 1906, and sire of second prize litter at same show, Claremont's Model, first prize boar at Iowa, 1906, and to other good boars. Write for descriptions and prices. Address  
JOHN WIGHTON, - AUDUBON, IOWA

## KENTUCKY'S NOTED DUROC HERD

COMMODORE 13381, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d. Brood sow sale, Louisville, Ky., February 22. Write for catalog at once.

Amos W. Harris & Sons, - Waverly, Ky.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.  
J. D. NIDLINGER, - DECATUR, INDIANA.

The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo, }  
FEBRUARY 25, 1907. } Inspection invited. 125 pigs. Write us.  
W. A. STAPLES & SONS, - - - - - GLIDDEN, IOWA.

## IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Parnell, Missouri.

## DUROC JERSEY BROOD SOW SALE

I Will Sell 40 Head at  
Hubbard, Iowa, Feb. 12, 1907.

THEY are selected brood sows and gilts representing such great boars as Nother Boy, Eldora's King, Imperial, Hiram Chief, College Lad, Tintin and West Side, litter brother to Crimson Wonder. They are bred to Imperial Indiana Chief, Advancer II and Iowa Top, which are all good individuals. Write for catalog. Address,  
LESLIE SHELTON, - Hubbard, Iowa

## Prize-Winning Durocs

I HAVE a few royally bred gilts that I will price right, if taken at once. They are good ones. Write me for particulars.  
E. K. YOUNG & SON, - Havelock, Neb.

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.  
E. Z. RUSSELL, - BLAIR, NEB.

## SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.  
JAMES T. DOLLISON, - SAC CITY, IOWA.

## 40 DUROC-JERSEY BOARS. 40

SURED by Chief of Chiefs, a son of the great Wineshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.  
DELMAR McCANN, - KENNARD, NEB.

## PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address  
Arch Brown & Sons, - Waterloo, Nebraska.

## 80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA  
THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

## KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.  
FRED KRASCHEL & SON, - MACON, ILL.

## DUROC JERSEY HOGS.

## DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale gilts of superior breeding, many of which will weigh 200 lbs. They are from the Crimson Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tintin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.  
O. L. MOSSMAN, POLK CITY, IOWA.

## HANLEY BOARS

## FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd leaders. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

## IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

## RED OAK HERD

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 4987, a son of King Be Beat. They are safe and ready to ship. They are sired by Top Notcher's Model 37663. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.  
J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

Thos. Bennett,  
Rossville, Ill.

HOME again and find 143 spring pigs, the best Duroc Jerseys I ever saw. 5 fall boars for sale. Bred gilts all sold. Write for prices, mentioning Homestead.

GOLDEN DUROCS  
HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, - Golden, Ill.

## Choice Duroc Gilts.

I AM offering a choice collection of Duroc gilts for private treaty. Some are by Roby's Crimson 44081, by Crimson Wonder I Am 34697, and are bred to Roby's Duke O, 44079, by Duke of Ohio and he by Old Can't Be Beat 28067. Also a nice lot of choice ones bred to Roby's Crimson. This will be the best chance you'll have to get some of this famous Crimson Wonder I Am breeding at prices that will make you open your eyes wide, quality considered. Write me your wants, brother breeders.  
W. E. ROBY, - TRURO, IOWA.

I J. LORTON, Union City, Ind., proprietor of the I. Clover Blossom Herd of Durocs. I J's Chief 12445 (A) 45747 (N) 1st in class at Indiana state fair, '05, at head of herd. Spring pigs of either sex of the large, growthy, smooth type, for sale. Orders for bred gilts booked. All stock guaranteed as represented.  
I. J. Lorton, R. R. 35, Union City, Indiana.

## GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.  
Hood Bros., (Swine Specialists), Lake Park, Ia.

A FINEST 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as siring 3d prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," R. J. Harding. "He should have borne blue ribbon," S. R. McKelvey, Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

INDIVIDUALITY and breeding combined. About 170 Duroc pigs sired by Luther H., by Hambleton (winner at Neb. and St. Louis.), Malcolm Model, Belle Echo, Morrison Bell Top and Won't Be Beat by the great Can't Be Beat. Pigs are doing nicely. Good colors and plenty of size. Inquiries answered promptly. E. K. Young & Son, Havelock, Neb.

## DUROC JERSEY BOARS---SHROPSHIRE RAMS

S. M. DEYOE & SON, - Mason City, Iowa.

**BRED SOWS**

Duroc-Jersey sows and gilts, bred to farrow in February, March and April. Send for our catalogue that gives pedigrees and particulars, and contains plans for hog houses, plans for dipping plants. Catalogue and booklet for 30 days for

attached corner. The Roycroft Farms, Des Moines, Iowa

send me catalogue of boars and sows, and booklet on breeding the Hog, plan of hog house, plan of dipping plants, and calendar showing period of gestation in farm animals.

**CUT OFF THIS CORNER**

## J. C. PORTER, OGDEN, IOWA

Duroc Jersey Boars, Gilts and Tried Sows  
OF the prominent lines of blood and of good individual merit. I have a few young boars of May litters carrying the blood of Old Advance and Orion. They are in nice shape and will go at moderate prices. Also some gilts of March and February litters, bred to a very good grandson of Tip Top Notcher, the St. Louis champion. They will farrow in March and April. Also a few yearlings and tried sows that should prove a good investment. I feed with a view to prolificacy. Farm in edge of town. Call or write.

## 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.  
MANLEY & CO., - LYONS, NEB.

## 40 TOPPY DUROC JERSEY BOARS 40

SURED by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Alix, litter brother to the sweepstakes sow Alix II. Good ones.  
AUSTIN RENSHAW, - Blair, Neb.

## Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

## BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions.  
H. B. GRIFFITHS, - Bowen, Ill.

## MAY &amp; PORTER,

REMINGTON, IND.  
MAYOR'S CHIEF 40727 and Top Notcher Best 37665 head herds. An excellent lot of pigs of spring farrow to select from. Write for prices. Inspection invited.

## Shamrock Herd of Duroc Jerseys

OF Prize winning sires and dams. Have a few boars left and some sows and gilts.  
F. M. ERSCHEN, - Odell, Illinois.

## E. E. ETTER, UTICA, NEBRASKA.

BREEDER of up-to-date Durocs. 2d Surprise's Redeemer and a son of Duroc Challenger and Minerva C 2d head my herd. Sows represent the blood of the Challengers, Glendale Critic, Improver II, etc. Have a few fall pigs that I will price right. Write me.



## HORSES.

# Public Sale

The Largest Sale of Draft Stallions Ever Held in the West will be at Wichita, Kansas, Friday, February 22d, Starting at 8:30 A. M. Sharp

## 50 Head Percherons, Belgians, 50 Head Shires and Hackneys.

This sale will consist of some of the choicest stallions of our stud, both imported and American bred. As we won every prize in the stallion class at the great State Fair of Kansas, it gives the public the grandest opportunity to purchase a prize winner at their own prices.

## PRIZES WON IN 1906

Champion Percheron stallion at the Kansas State Fair.	First—Best five Percheron stallions, Kansas State Fair.
Champion Belgian stallion at the Kansas State Fair.	First—Best five Belgian stallions, Kansas State Fair.
Champion Shire stallion at the Illinois State Fair.	First—Best five Shire stallions, Illinois State Fair.
Champion Shire stallion at the American Royal, Kansas City.	First—Best five Shire stallions, International, Chicago.
Champion American-bred Percheron stallion at the American Royal.	Second—Best five Belgian stallions, International, Chicago.
Champion Shire stallion at International, Chicago.	Second—Best five Belgian stallions, Illinois State Fair.
Reserve champion Belgian stallion, International, Chicago.	Second—Best five Belgian stallions, American Royal, Kansas City.
First—Best five Shire stallions, American Royal, Kansas City.	Second—Best five Percheron stallions, American Royal, Kansas City.

His Majesty King Edward VII. of England and Lord Rothschild's exhibit of stallions were purchased by us at the Great International Exposition at Chicago, 1906. These Grand Stallions, Girton Charmer and Premvictor, will be on exhibition at this sale. Do not fail to see the Highest Priced Draft Stallions ever imported to this country.

As we are now located at Wichita, we intend holding an annual sale in this city, this being our first. Our AIM is to surprise the PUBLIC with such Stallions as were never before placed at auction. All Stallions will be sold with our regular guarantee of 60 per cent and will be sold so that all payments will not become due until you have made two seasons and one collection from your HORSE.

This sale will not affect our business in any way, as we will have over 250 head left after the sale for our Spring trade, not including our New Importation which will arrive soon.

TERMS—Will be one year and six months from date with interest at 6 per cent from date, or six per cent discount for cash. All credit must be bankable. Send for catalog and calendar.

**Robt. Burgess & Son, - Wenona, Ill.**

### 21 IMPORTED STALLIONS 21

FOR SALE—I have recently landed from Belgium, (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and roans.

Address, E. H. KNICKERBOCKER, Fairfax, Iowa

#### PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

#### Percheron Stallions For Sale.

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, - Blencoe, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

A PERCHERON stallion for sale, imported, color black, coming 11 years in spring. A sure breeder, weight about a ton. Write L. Maasdam, Pella, Iowa.

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$600 each. Address, E. Fugier, Creston, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$500. Hart Bros., Osceola, Iowa.

## JACKS.

### KENTUCKY BRED

75 Kentucky Bred and Imported Jacks For Sale.

We have more good Jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

J. F. COOK & CO., Lexington, - Kentucky. Or Branch Barn, Newton, Kansas.

## POLLED DURHAM CATTLE.

## DOUBLE STANDARD

### Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-139582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER, Kalona and Wellman, Iowa.

WANTED: Registered cattle in exchange for Illinois. Iowa, Miss. Kansas, Nebraska, Minn. or Wis. farm. Box 51, Independence, Ia.

## McLay Bros. Clydesdales

Janesville, Wis.

THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competitors. For a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If impressed do not fail to Send For New Catalog.

### 80 STALLIONS

THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

A. LATIMER WILSON, CRESTON, - - - - - IOWA

### 5 Black 5 Percheron Stallions FOR SALE.

ALSO have a coking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,

J. S. GOLDER, - - - - - Scribner, Neb.

### H. LEFEBURE'S Belgians

THE best and largest collection of Belgian Draft horses in America. Belgians exclusively. Fairfax is 8 mi. west of Cedar Rapids on 2 railroads and is the greatest Belgian horse market in America. Cedar Rapids and Ia. City elec. car passes near farm every 45 minutes. H. LEFEBURE, FAIRFAX, LINN COUNTY, IOWA

#### Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM, Letts, - - - - - Iowa

## HORSES.

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 168 Percherons, Belgians and Coachers 168

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES," they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS OF DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

IKEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "bunts in," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA

### THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props. Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 championships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equalled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

J. CROUCH & SON.

## Departments:

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### PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

### PETERSON'S BLACK PERCHERONS.

FOR \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.

H. E. PETERSON, - - - - - LYONS, NEBRASKA



## HORSES.



# Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English Shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

**Watson, Woods Bros. & Kelly Co.,** LINCOLN HOTEL BUILDING, Lincoln, Neb.

## CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

**EASIEST TERMS.**  
PROTECTION FOR TWO  
YEARS.  
MOST LIBERAL  
CONTRACTS ON EARTH  
A NEW PLAN



**FINEST HORSES:**  
BREEDING, SIZE, QUALITY,  
STYLE, FINISH,  
ACTION, DARK COLORS.  
GUARANTEED  
FOAL GETTERS.

**Our Own New, Personally Selected, Direct Importation.**

A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.

## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gild from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftstrut O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANNS BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



## S. J. MILLER, KIRKSVILLE, MO.

IMPORTER AND BREEDER OF

Percherons, and French Coach Horses.

25 Percheron stallions, among which are prize winners in France, coming threes and fours, weighing 1,900 pounds, all dark colors. 25



No importer can sell you a better horse at from \$700 to \$1,400 than I am offering, for they were not brought over this year. Among my French coachers you will find a four-time winner in France. To the man wanting a first-class mammoth jack or jennet, will say I have them. Come to my barns and let me show you, or write me, telling what you want. Barns in town. Kirksville is on the Wabash and Burlington railroads.

## PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

## Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.  
TRUMANS' Have the right kind.  
TRUMANS' Buy the right kind.  
TRUMANS' Always Imported them.  
TRUMANS' Now a Household Word.  
TRUMANS' Commenced with Prize Winners.  
TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
TRUMANS' With our Customers.  
TRUMANS' Treat you right.  
TRUMANS' Treat you white.  
TRUMANS' Came to stay.  
TRUMANS' Have stayed.  
TRUMANS' Horses admired by the crowd.  
TRUMANS' Always looked for at the Fairs.  
TRUMANS' Always something sensational.  
TRUMANS' Always something fresh.

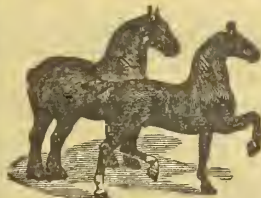
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TRUMANS' Let the Public Judge.  
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TRUMANS' Don't want dirty work.  
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TRUMANS' No shifty business.  
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

## TRUMANS' PIONEER STUD FARM

BUSHNELL, ILLINOIS.

BRANCH STABLES, STOCK YARDS, KANSAS CITY, MO.



## TAYLOR & JONES,

IMPORTERS AND BREEDERS OF  
PERCHERON, SHIRE, HACKNEY AND  
BELGIAN STALLIONS.

We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1,400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

## TAYLOR & JONES,

WILLIAMSVILLE, BOX 63, ILLINOIS.

## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS AND MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



## PERCHERON IMPORTING COMPANY, CHARITON, IOWA.

YOU want an imported stallion of purest breeding. With a short back, unpleaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

CHARLES R. KIRK,

CHARITON, IOWA.

## M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.





# The Grand Champion Duroc Jersey Sale Circuit

Jan. 31st to Feb. 8th Inclusive

## Of Illinois

Jan. 31st to Feb. 8th Inclusive

### 350 Head

Of choicely bred Duroc Jersey sows sired by and bred to Champion and Prize Winning boars of National Reputation.

### 350 Head

#### Thursday, January 31st H. B. Griffiths, Bowen, Ill.

Thursday, January 31st, Mr. H. B. Griffiths, Bowen, Ill., proprietor Suburban Stock Farm, will offer sows sired by Tip Top Notcher Chief, Tip Top Notcher, Kan't Be Beat, Advancer, Hanley, Big I Am, Ambition, Buddy K. IV., Gold Cloud, Mayor Jr., Il Chmax and C. E. Col., every one a first-prize winner, and bred to Tip Top Notcher Chief, Fancy Orion Chief, Helen's Tip Top Notcher II., Proud Advance, Buddy K. IV., and Hanley. Don't forget that Helen Blazes V., sister of the \$1,000 Helen Blazes III., and Queen Dotie, a daughter of the grand champion sow, will be two of them. Send for catalog.

#### Tuesday, February 5th Fagan, Browning & McCabe, Hersman, Illinois. Banner Bred Sow Sale---50 Head

Many sired by and bred to Tip Top Notcher, pronounced by most breeders the king of the breed, grand champion boar at the World's Fair, St. Louis, 1904. He is sire of state fair winners and class prize winner, also sire of highest-priced boar ever sold at auction and third highest-priced sow. If you want the kind of pigs that sell high, buy a show sow in our sale bred to the world's champion. We will sell you the seed of champions. Every sow in our sale bred to Tip Top Notcher is a show sow. Show sows by Kan't Be Beat. Quality and breeding bred to Tip Top Notcher cannot fail to win out. Many good ones will be sold. They won't all sell high. One of the finest catalogs printed free for the asking. Farm three-quarters of a mile from depot. Address Fagan, Browning & McCabe.

#### Friday, February 1st Manlove Bros. & J. H. Norris, Bowen, Illinois. 50 Head to Be Sold at Maple Lawn Stock Farm.

This stuff is all selected as tops from the two great herds, having the quality and blood to qualify them for the highest honors. There are 16 tried sows, 13 fall yearlings, 21 spring gilts that are hard to fault, the pick of the crop. Also "Remington Queen," the sensational young show sow with 5 firsts to her credit. We invite all breeders and good farmers to attend our sale and we can guarantee you will not be disappointed in the character of the stuff. The noted boar, Hambletonian, and the sensational yearling, Illinois Chief, both prize winners, are in service for this offering. We should be pleased to have you see this stuff and will appreciate your attendance or your bids. Bids sent to the auctioneers or the paper representatives in our care will be properly treated. Write either of us for catalog.

#### Wed., Feb. 6th, Ed A. Baxter, Pawnee, Ill.

The closing out sale of Pawnee herd of Durocs. This is absolutely a closing out sale of 70 head of as good boars and sows as can be found anywhere. The boars are three herd boars now in use—Buddy K. IV. 20861, a champion hog and a hog renowned as a breeder; Kruger Again 39315, a young hog that will bear inspection anywhere, and Major A. 44567, farrowed March, 1905. They will all be sold unless Major A. is sold before sale, but the other two will positively go through the sale ring. Twenty tried sows, such as Tip Top Notcher's Baby 71202, West No. 5 105806, Choice Goods You Bet 120804, Bianca 62220, Mo. Girl 119296, Red Rover 96692 and others equally as good. Six Buddy K. IV. fall sows, two Proud Advance sows, three Tip Top Notcher sows, one Lafolette, fall yearling bred to Tip Top Notcher, Buddy K. IV., Kruger Again, Hanley and Gold Cloud with about 50 spring gilts, the very best that could be bought in ten or twelve sales last fall, all bred and in fine condition to do any man good. Stop at St. Nicholas hotel, Springfield, Ill., night before sale at my expense.

#### Saturday, February 2d Thomas & Hogsett, Golden, Illinois.

There will be a number of yearlings and two-year-old sows sired by Big I Am, Tip Top Notcher and other noted sires. And there will be a lot of those beautiful Ambition gilts that so many of the breeders have been admiring, several of them bred to Tip Top Notcher and some to Golden Orion. Then we have quite a herd bred to Ambition, and if his breeding does as well next year as it has in the past and his get does as well for other breeders as it has for us, none will buy them too high. We confidently believe that Ambition has sired more prize-winning and high-class stuff than any other pig of his age. Will have 10 or 15 in the sale bred to the old champion, Tip Top Notcher. Come to Golden on the 2d of February and you will be well taken care of till the following sale, February 5th. We will show you some of the best gilts and sows that will go through a sale ring this season.

#### Thursday, February 7th Fred Kraschel & Son, Macon, Ill. 40 Head From the Tops of Our Herd

and the top of five different herds, including Perfection Maid, the dam of the two gilts that sold for \$395, and Buddy T.'s Belle, the dam of the five gilts that sold for \$655. Bred to such noted boars as Gold Cloud, champion at Illinois State Fair and sire of champions; Mayor Jr., first in class in Illinois State Fair, 1905, first at Indiana, 1904; High Notcher, sire of Red Express and other noted hogs, and a son of old Tip Top Notcher 8803a; also a few bred to Gold Standard, a winner in strong competition. Sale will be held in heated pavilion, and everybody will be made comfortable.

Catalogs for each of these noted sales will be sent to all who write, kindly mentioning this paper.

#### IMPORTANT:

Those who cannot attend send bids to Mr. D. M. Pierce, representing this paper, in care of parties holding sales.

#### Friday, February 8th

T. W. Stoner & Son, Henry, Ill. 45 Head Bred Sows.

Yearlings, fall yearlings, gilts and three or four two-year-old sows of fashionable families. Our motto has always been "Individuals as well as Pedigrees." Our hogs when properly fitted have ranked second to none. This will be an opportunity to get bargains. This offering is sired by and bred to such boars as Advancer Col., a litter brother to Proud Lady that sold in Manley & Co.'s sale last winter for \$1,275. Also Stoner's Improver, Ohio Ben and Dandy Joe. The breeding of these boars is too well known to need any comment here. You will see their produce in this sale. Mr. J. W. Remley, of Lacon, Ill., will sell ten head of splendid sows, two or three two-year-old sows sired by None Such. The others are sired by Choice Goods and J. L. C. Choice Goods, one of the best sons of Echo King, J. I. C. is sired by Kan't Be Beat 28067, dam Cedar Vale Queen VIII. 70898, first in class and junior champion at the World's Fair, St. Louis. We will welcome you all. Come to the sale and bring your friends.

Cols. McGowan, Reppert and Keil, Aucts.

Everyone interested in Durocs is invited to be present at each of these sales. You will be well entertained and the offerings are of the high standard which please discriminating buyers.

WRITE AT ONCE FOR CATALOGS.





VOL. LII. NO. 5.

DES MOINES, IOWA, JANUARY 31, 1907.

WHOLE NO. 2585

### LINE-BREEDING—WHAT IT IS AND ITS VALUE.

A subscriber at Amsterdam, Mo., sends the following communication:

Some time ago you had something to say on the question of line breeding. That is a subject that I would like to know a little more about, and I believe there are other readers in the same position as myself. Of course, I understand that it means the breeding of animals that are some relation, but what puzzles me is to know why it is not called "in-breeding." I desire that this subject be treated in every-day language so that the man who is not an expert on pedigrees will grasp the situation.

Suppose you have ten sows on your farm at the present time and these are all bred to the same male. After they have weaned their litters next summer the high price of pork tempts you to fatten these ten sows and sell them, your plan being to keep out some of the gilts for breeding purposes next year. Now, in order to avoid the expense involved in buying a male, suppose you keep one from one of these litters to use for your 1908 crop of pigs. You see in the first place that all your young sows are either full sisters or half sisters to this young male, and therefore you are in-breeding. If in turn the dams of your 1908 crop of pigs are turned off and their gilts kept and bred to their full or half brother, you are then engaged in the business of "in and in breeding" your hogs, and the chances

are that if this is kept up you will soon be out of the hog business or will have to resort to the purchase of some new foundation stock.

Turning now to the question of line-breeding, we find that there is no such close relationship. Supposing you have a sow that traces back to a noted state fair winner three years ago. If she is a good individual it will naturally be your desire to propagate her characteristics. What is the surest way to do this? To line-breed, of course. In looking for a male to mate with this sow the natural thing would be to find one that traces back to this same noted prizewinner. Of course you may find this pig two, three or four generations back, but if you use one of his descendants you are then engaged in the business of line-breeding your animals. Of course if this noted animal is "close up" to your male and to your females you are then verging on the borders of in-breeding. However, just where one leaves off and the other begins is a little difficult to say.

Both in-breeding and line-breeding have played an important part in the improvement of domestic animals. Indeed, without the employment of these principles in breeding it is doubtful if there could have been anything like the fixity in form that now exists in our best breeds. There will be in-breeding

and line-breeding in the future, and it is well that such should be the case. Nevertheless the practice is not for the use of every man who is engaged in breeding live stock. Those who employ the principle should be expert judges and should breed together related animals only when they come very near to the mark of being perfect in form. If you have a type that just suits you and suits the trade, and you want to hold that type, it will be necessary to put a little study on pedigree so that you can keep to the same line of breeding in the purchase of your males. See to it, however, that the male is of the right stamp, and let no merit in his pedigree blind you to any defect in his makeup. The line-breeding animal is valuable because of its prepotency, but bear in mind that it is just as prepotent for evil as it is for good.

### SHOULD SMALL GRAIN BE DRILLED?

The following inquiry has been received from one of our subscribers, Mr. Wm. Houtz, of Louisa county, Iowa:

I would like to ask you or some of your readers about the practice of drilling spring grain, notably oats. It seems as though on our light land here we are only able to produce from eighteen to thirty bushels per acre, and it has occurred to me that something might be done to increase this yield. How much work should be put on the soil before drilling the seed?

Farmers of the corn-belt as a body

have not yet come to realize the value of the grain drill for sowing small grain. No doubt as land appreciates in value the day will come, and come soon, when there will be absolutely no profit in growing small grain unless it is put in with more care than is the case at present.

The grain drill distributes the seed over the ground more evenly; indeed, absolutely uniformly. If the seed bed has been well prepared it will also cover all the seed the same depth. This means that the crop will start evenly, and unquestionably it will contribute to an increased yield.

As to the amount of labor required on ground before grain should be sown with a drill, much depends upon the character of the soil. In the case of corn stalk ground it is generally advisable to disk the surface at least twice, and so much the better if it can be harrowed once or twice. This brings the surface soil into a fine condition, and such a condition contributes to the rapid growth of the crop immediately after it is sown. Of course where one is in a great hurry some of the drills now on the market will cover the seed fairly well without any preparation of corn stalk land at all, though we do not favor seeding grain in this manner. One will be well paid for his labor if he will take the time to disk the surface once or twice and also harrow it.



The subject of our illustration represents the new and commodious horse barns of Messrs. Champlin Bros., of Clinton, Iowa. This firm have recently located equi-distant between Clinton and Lyons on the electric street car line and have built one of the most commodious and modern importing sale stables in the state. They import direct from across the water, Percheron, Belgian, French Coach and German Coach stallions. The scene in front of the barn represents a life picture of their own imported horses and one that can be witnessed almost any day at this season of the year at this famous business establishment. The Messrs. Champlin Bros. have adopted a new plan of selling horses. The plan is one entirely original with them and which seems to be meeting with general approval among buyers. It will be fully explained to all Homestead readers who write Messrs. Champlin Bros., of Clinton, Iowa, for their new plan. The horses that they bring over are of choice selection made by a member of their firm, and inasmuch as he is a very critical judge, the class of horses imported by them are the sort that Iowa farmers and breeders are looking for. This firm will be pleased to furnish any information to Homestead readers that it is within their power to do, if they will but write them making known their wants.



## THE IOWA STATE FAIR IN 1907.

The distribution of a neat little hangar announcing the Iowa State Fair and Industrial Exposition to be held on the grounds of the state department of agriculture at Des Moines, August 23d to 30th, serves as a reminder that we are already making headway into the new year, and that there are work and opportunity for the Iowa farmer and stockman in the near future. The card is a clever little advertisement for both the fair itself and the great state of which it is a valuable institution; for it presents a summary of Iowa's field crops for 1906, footing up the handsome aggregate of \$330,495,421, which we are invited to keep before us, with the dates of the fair.

To those who attended the last Iowa State Fair and enjoyed the inspiration it imparted to every participant, no reminder will be necessary to recall its splendid exhibits of live stock, machinery, agricultural, horticultural, dairy, domestic and other products, and the great, happy, orderly throngs of well-dressed men, women and children who enjoyed the exposition.

But, although the last exposition broke all records as to attendance and exhibits, the present able management of the fair, of which Mr. C. E. Cameron, of Alta, is president, and Mr. John C. Simpson, of Des Moines, secretary, is looking sharply for new worlds to conquer. At the recent annual meeting, about \$5,000 was added to the premium offers and several decidedly progressive steps taken. One of these, adopted on the recommendation of Prof. C. F. Curtiss, was the introduction of a new class in horses—the American carriage horse, which the United States Department of Agriculture has undertaken to originate—the proposed improved type of the American standard trotting horse developed along the lines of utility as a carriage horse. It is understood that Professor Curtiss is working on a standard of the qualifications for this class, which will be duly announced. The fair management believe that they are entitled to the credit of being the first fair to enter this new and inviting field.

The fair authorities have a considerable surplus on hands available for permanent improvements. A water system costing \$12,000 will be installed and connected with the city water works, insuring additional immunity from fire. Lighting facilities are in contemplation, which will put the fair on the same plane as other great expositions as to illuminations and night sessions. The legislature will be asked to appropriate money for a horse barn and amphitheater, both of which are urgently needed if Iowa's fair is to be on the same level in these respects as those of other states which have acted on these liberal lines.

The Homestead congratulates President Cameron, Secretary Simpson and the board of directors on the splendid start they have made and trusts that their highest hopes for the fair of 1907 will be more than realized.

## A BULLETIN ON HIGH-CLASS FARMING.

The department of agriculture at Washington has recently published Farmers' Bulletin No. 272, this being a detailed description of the affairs on the farm of Mr. W. H. Rowe, of central Illinois. The farm in question contains 131 acres and there is marketed from this farm each year an average of 120 fat hogs and something like 450 bushels of seed corn. At six cents a pound the income from the hogs last year was \$2,426 and from the 450 bushels of seed corn \$819, making a total of \$3,245.

Fifteen sows are kept on this farm. They have raised in the past an average of eight pigs to the litter. They have access to a clover pasture and, in addition, are fed a little grain daily. By the end of summer the pigs weigh from 100 to 125 pounds each; and at that time they are consuming about two pounds of grain daily. In the winter these hogs are given about five pounds of grain daily, composed of three and a half pounds of corn, three-quarters of a pound of shorts and three-quarters of a pound of oil meal. In addition, they are fed soy bean hay during the winter. At one year of age these pigs weigh from 200 to 225 pounds.

In the spring the hogs are again turned onto clover pasture and are started in on about two and a half pounds of grain daily each. This amount is gradually increased until August 1st, when they are marketed, at which time about four pounds of grain is being fed to each

hog daily. At marketing time, the hogs being then about sixteen months old, weigh from 325 to 350 pounds.

It is claimed that by this method of feeding a large proportion of the grain is made from clover, which, of course, is cheaper than grain.

In publishing the bulletin containing Mr. Rowe's methods it is the intention of the department of agriculture to spread before farmers a knowledge of the method employed by men who are making a success of their business. It is this, rather than to hold up the example of any individual as being ideal.

There are a good many farmers in the corn belt who are getting more profit out of their hogs than Mr. Rowe, because the average man wants more than 325 to 350 pounds if he keeps a hog until he is sixteen months old.

We can scarcely understand, even with the amount of grain that is fed in this instance, why these hogs are not heavier at twelve months, because, as stated above, they received five pounds of grain daily each during the winter and that is nearly enough to finish out a hog at twelve months and make him weigh at least 300 pounds. We do not infer that it is never practicable to keep a hog until this age, because a steer feeder can invariably make more economical pork by doing this very thing than by making an attempt to finish his hogs early.

There is another objection to carrying hogs to this weight and to the plan of marketing them in August, namely, that you put a heavy fat hog on the market at a time when the light hog is at a premium. By feeding a little heavier in the winter and bringing them to this weight at ten, eleven or twelve months, one will then strike the right kind of a heavy-hog market. Furthermore, when you finish hogs in August at this weight you compete with the old sows that have raised litters and have been on corn and sent to market. The average man who makes pork-raising a business aims to miss that market with his younger stuff.

This matter as to the age that hogs should be marketed is an important question, and while the method adopted by one man might not be practical in another case, yet in a general way men on high-priced land should in the future go in the direction of marketing hogs earlier rather than later than they have in the past. Unless he is following cattle, the average hog has no business to live longer than twelve months.

## GOOD LOOKS IN CORN.

We like good-looking corn; we like it a little better than corn that is just as good, but does not look so well. All those who believe that the score card has done some good in educating farmers to select their corn generally like the good-looking corn. On the other hand, you will find men who have looked with suspicion on the score card, denouncing "beauty" marks in an ear of corn.

Now, what is the real value of the so-called fancy points in an ear of corn? In the first place, if an ear is cylindrical—that is, if it carries its width well from the butt to the tip—this, in itself, is one item that contributes to beauty. Such an ear will produce a larger percentage of kernels that are uniform in length than one that is tapering. Here we have a beauty point that is a utility point. Then, take the matter of straightness of rows. Possibly no one thing contributes so much to the beauty of an ear of corn as this. Now, straight rows mean that kernels are uniform—that is, they are uniform in thickness and in width—otherwise the row will not be straight. Seed that is uniform will surely plant more evenly than seed that lacks uniformity. This would appear that another beauty point is after all a utility point.

Most men like corn in which the rows are somewhat close together. This seems to add to its beauty, and it also means that when such corn is shelled it will produce a larger percentage of grain to the ear. When it comes to color, surely a uniform color is preferable to a mixture, and no man will deny that an ear of pure yellow corn is more beautiful than one of mixed yellow and white.

In good tip and butt covering there is certainly something that appeals to the eye, and yet if the length is kept up, covering here means just a little more corn.

If in aiming to produce "beautiful" ears men fail to keep up yielding ability, as well as quality in the grain, our

colleges and stations would be doing an immense amount of harm in propagating the theories that are now being spread broadcast by these institutions.

We find, however, that a good-looking corn is generally a corn that yields. This is because it has been selected to conform to a certain standard and that the field of pure corn tends to a marked degree of uniformity. This above all else contributes to yield. On the other hand, you take a large, homely corn and as a rule you will find in it a decided variation in the size of ears. This is simply because there has been no fixation in the matter of type. Selection of seed having been made on the basis of size alone.

Now, we advise no man to be led away from methods that have proved to be profitable as applied by him. If he has his ideal type of corn in mind and has been endeavoring to fix that type for years and finds that his dreams are coming true, let no college or station veer him from his path.

## NEBRASKA BREEDERS ORGANIZE.

Although there are a hundred or more breeders of Angus cattle in the state of Nebraska, there has never been any state organization affecting this noted breed of beef cattle.

In response to a request from Mr. A. B. Christian, of the firm of Christian & Lang, breeders of Aberdeen Angus cattle at York, Neb., most of the Angus breeders of the state assembled at Lincoln during the week of the organized agricultural meetings, and in a body effected a state organization.

The meeting was first addressed by Mr. Christian, who called attention to the need of such an organization as this, stating that as the breed is right at the front now, it needed organized effort to keep it there. He dwelt on the adaptability of the Angus cattle to conditions in Nebraska, and expressed great faith in the future growth and development of this breed. The officers elected were A. B. Christian, of York, president; M. M. Stearns, of Humboldt, vice-president; D. N. Syfor, Lincoln, secretary-treasurer.

The officers were requested to get up by-laws and the constitution for adoption at the next annual meeting. It was decided to hold a meeting at the agricultural college, Lincoln, during the week of the organized agricultural meetings next winter.

## The Cement Tank.

To the Editor of The Homestead:

The first thing is to have good material. It will require one yard of gravel and sand, about three-fourths gravel and one-fourth sand. If very coarse gravel is used there must be more sand. The next thing is to dig the hole, which must be on level ground or nearly so. Dig the hole nine feet ten inches long at the top and four feet ten inches long at the bottom, one end to slant back four feet to the bottom, the other end one foot. The hole must be thirty inches wide at the top, twenty-two inches wide at the bottom and four feet five inches deep. The walls will be five inches thick when finished. The outlet end for stock will be on a slant of 45 degrees.

The next thing is to make a form. Make the sides of the form nine feet long on top and four feet long on the bottom, one end to slant back four feet, the other one foot. Fasten the boards together with a cleat at each end. Nail them together with small nails, just enough to hold them together, or you will have trouble when you go to take them out. Space these sides twenty inches apart from outside to outside at the top and twelve inches from outside to outside at the bottom. Now cut the ends to fit the slant of the sides. Keep the ends even and round the corners off smooth. Nail the ends to the corner cleat, not to the side boards. Put cross pieces in the middle to keep the side from springing in when the concrete is put in. You now have a false tank. Set this in the hole space, even from all sides. You are now ready for the concrete. Make this by mixing the gravel and sand together. Use one-fourth cement and three-fourths gravel and sand. Make the mortar thin enough to run. Pour this in around the form. Keep it tamped down even until the hole is full. Trowel the top down smooth. Your walls will be five inches thick. Let this set for twenty-four hours; then remove the form by taking the corner strips out first, then the sides by lifting the end with the most slant first. Then fill the bottom five inches deep and

## TWO-Row "Doublet" Good Points



Good for not only the "Big Farmer" but equally so for the "Smaller Farmer" who finds help scarce. The principle is beyond question a complete success. Our kind in particular has two exclusive features—Straight Forward Push Guide; Fell View of Both Rows, besides being fully equipped in other good points. Ask for complete Catalogue of Wagons, Farm and Threshing Machinery.

AVERY MFG. CO., 169 Iowa St., Peoria, Ill.

smooth off. Make steps for the stock by putting on rows of cement about ten inches apart or cut pieces two by four to fit in. (I like the wood best.) If there are any rough places in the walls, smooth them up with sand and cement. Do not let this dry out too fast. It will be ready for use in about two weeks. This size is large enough for hogs, sheep and calves. The one I have on my farm I made with a dripping pan for the stock to stand in and the water to run off back in the tank.

To make this, dig ten inches deep, the width of the tank and five feet long at the slanting end of the tank; put in a four-inch bottom. You will have a six-inch side. If this is made it must be made at the same time that the tank is made. (This is an improvement which I like very much.)

It will require about seventy-five feet of lumber for the form, and from six to 800 pounds of cement. Two hundred gallons of water will be enough for ordinary use.

Polk county, Iowa.

## Types and Breeds of Farm Animals.

The above is the title of a 560-page book that has recently come from the press and written by Prof. C. S. Plumb, of the Ohio State University. This deals with all breeds of live stock and describes the commonly-accepted types of the draft and speed horse, dairy cattle, bacon and fat hogs, and, indeed, all other classes of live stock. It goes into the region of the various breeds and deals with their American as well as European history. The work of pioneer breeders is given considerable attention and there are given descriptions of many famous animals. Records, for example, are brought up to date of speed horses, butter as well as milk yield in cows, etc. There is scarcely a page of this book without an illustration, and everyone of these is taken from the natural photograph.

Professor Plumb has placed live stock interests of this country under obligations to him in the preparation of this comprehensive work. Its mailing price, \$2.20, may at first seem a little high and yet when one considers the heavy expenses in getting out an illustrated book of this kind, the price, after all, is entirely reasonable. This paper will handle this work for the benefit of its readers, and it will be sent upon receipt of the above price.

## Opening a Factory in Canada.

The Standard Paint Company, manufacturers of Ruberoid roofing, have opened a factory for the manufacture of their product in Canada. The inauguration of the new enterprise was made the occasion of a dinner at the Canada Club in Montreal, to which friends of this great concern from all parts of both countries were invited. This firm has headquarters at 100 William street, New York City, and branch offices in many large cities throughout the United States and abroad.

## HOMESEEKERS' EXCURSIONS.

On the first and third Tuesdays of each month, the Iowa Central Railway will sell round trip excursion tickets to points in the North, Northwest, South, Southwest and Southeast. The rate is only one fare plus \$2 and less, with liberal stop-over privileges. Tickets sold to points in the following states: Minnesota, South Dakota, North Dakota, Arizona, Arkansas, Colorado, Idaho, Indian Territory, Iowa, Kansas, Louisiana, Mexico, Missouri, Nebraska, Montana, New Mexico, Oklahoma, Texas, Utah, Wisconsin, northern Michigan, Wyoming, etc. For rates and full particulars call on agents or address A. B. Cutts, G. R. T. A., Minneapolis, Minn.



## Farm Furrows

Turned by a Practical Farmer.

Boys will be boys, and lots of girls would like to be.

"Worth makes the man and want of it the fellow" is sound doctrine.

The gladdest words of tongue or pens just now are these, "I own some hens."

Nothing is quite so grinding on one's nerves as to have the windmill run dry some cold night.

Because our fathers always used a one-legged stool to milk with is by no means proof that we should.

I was at a public sale many years ago and gave forty cents for eight chairs and have lots of stools left today.

Nothing suits me better as a milk stool than a common kitchen chair with the legs cut off to the desired height. Try this.

I am not a believer in a very large orchard on the farm. Last year we couldn't get our cherries picked and couldn't even give them away.

When I was a boy long boots were all the fashion. I have worn a hole in more than one plank kicking on an old pair of hard boots. The modern kind are much better.

If you have never graded your corn before, do it this year and you will be surprised what good results will follow. No planter can handle irregularly shaped kernels.

It always puzzles me a little to know just how rough to be with male animals. If you are cross with them they are apt to get grouchy, too. Generally speaking, I think it pays to be firm, but not cruel.

A close reader of the Furrows asks those who have used the self-feeder for feeding grain to hogs to give their results through this paper. This is an important topic and your ideas on this question are solicited.

I have a kind of a secret feeling that the corn belt will raise another bumper crop this year. If every man will use good seed and cultivate well it will bring this to pass even though climatic conditions are not perfect.

You can inculcate no more silly idea into the heads of your children than to give them the notion that because you are quite a good deal above the daily-bread line that they are better than the children of a poorer neighbor.

I don't believe there are many farmers in the corn belt who can afford to be without ice during the warm weather. For a long time I didn't think I could afford to build a house and put in a supply, but my views have changed on the subject.

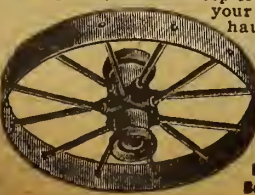
It has always seemed peculiar to us why more farmers do not have a writing desk or secretary where all their correspondence and business papers can be kept. When one has to hunt half an hour for paper and ink to answer a letter he is not in a frame of mind to make a good impression on his correspondent.

## SOMETHING ABOUT WAGONS



YOU NEVER KNEW BEFORE

How the Farmer's Handy Wagon saves horse-flesh and man labor; how Empire Steel Wheels make an old wagon worth a new price; how to keep from cutting up your roads; how to haul a winter load on spring ground; how to save repair bills and other bills.



It's all in the Wagon Book we send free. EMPIRE MFG. CO. Box 793 - Quincy, Ill.

# Get Your Money's Worth

Send us your order for

## Standard Stock Food

Under Our Square Deal Guaranty

You take no risk. We guarantee absolutely that if you use Standard Stock Food as directed and it does not do all we say, you being the judge, it shall cost you nothing. A dollar's worth of Standard Stock Food contains more feeds, will go farther, last longer, and produce more and better results than a dollar's worth of any other stock food made whether it costs 5 cents or 15 cents a pound.

You can test it right on your own farm—with your own stock. You can try it out thoroughly and see for yourself just what it will do. There is no question about

## Standard Stock Food

paying you, and paying you big, too. We have been making and testing it over twenty years. We have over 400,000 customers who have proved that it is the best condiment- tonic to mix with the feed that can be had at any price.

Standard Stock Food makes the feed taste better. It sharpens the appetite and stimulates the flow of all the digestive fluids so that the process of digestion is increased. Its tonic properties quicken the blood circulation and aid in assimilating more of the nutriment in the feed. It tones the entire digestive system and produces health, condition and thrift, which means more production, better animals, bigger profits.

### WE PREPAY THE FREIGHT

We will furnish you Standard Stock Food through our dealer, if we have one in your town; or ship it to you direct, freight prepaid.

And if you don't find it all we say after a fair trial, you to be the judge, it shall not cost you anything.

Can you ask a fairer offer? Remember, this paper stands behind our guaranty to you.

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Our plan is to have an exclusive dealer in every town. If we have none in yours, write us now, tell us how much stock you keep; give us the name of your dealer, and we will send you our book, The Standard Feeder, 160 Pages, 200 illustrations, full of good live stock information, Absolutely Free, and show you how little it will cost and what good results you can get by using Standard Stock Food on your own stock. See our dealer or write us.

Standard Stock Food Co.  
1516 Howard St., Omaha, Neb.



A Condiment-Tonic  
It Makes Stock Thrive



This  
160 page  
Book  
Free

A delay of half an hour may miss the mailman and in consequence lose some valuable business.

Some men look for work with about the same enthusiasm that they would look for a needle in a hay stack.

They say it is only three generations from shirt sleeves to shirt sleeves. In other words, a man whose parents were poor becomes wealthy but his sons in turn will have to work with the coat off. I feel sorry for no man who has to work and work practically every day.

I would like to take the boys aside and give them this advice: When you lead a horse out to water never, under any circumstances, no matter how old the horse may be, tie the strap or rope to your waist. I have seen boys do that while they were pumping the water,

and I have read of a great many that were dragged to death.

The late appalling disasters to large cities should make farmers more than ever thankful that their lot has been cast outside of the great centers of population.

"The rich is fairly burnin' money," said Mike as a chug wagon flew past. "And by the smell of it," sniffed his companion, "it must be that tainted money we do be hearin' so much about."

Fashions change much faster now than when I was a boy. Nowadays when the women folks get a dress nicely broken in it must be discarded for something new. I remember well when the oldest girl in the family put on a homespun dress and wore it until she outgrew it, the second girl did likewise, and so

on down the line. Of course clothes don't wear now like they did in those days.

One of the most delightful relationships in life is that of brother and sister. Where each keeps the other constantly in the highest regard—bearing the relationship of "chums," heaven itself can have nothing better to offer.

Speaking of boots reminds me that the hand-made kind are nearly a thing of the past. An old shoemaker told me recently that you could buy a better pair for \$5 than could be made by hand for \$10. I used to feel sorry for the boy who had to wear store shoes while mine were hand-made.

I recently talked with a man who used to farm high-priced land in France. He says we don't know how to cultivate soil here. This year on a strip of land one rod wide and eight rods long he raised \$25 worth of produce. This is at the rate of \$500 an acre, which is going some.

### Bergsten Duroc Sale.

The Duroc Jersey sale of Mr. A. L. Bergsten, at Mt. Union, Iowa, January 15th, resulted in an average of \$35.70 on the twenty-five head sold. The top price was \$135, this being paid for No. 7 of the catalog, Choice Rose, by Mr. H. E. Browning, of Hersman, Ill. Following is a list of all animals sold:

Lot.	Price.
1. J. R. Ford, Mt. Pleasant, Iowa...	\$41.00
2. John McCosh, Emporia, Kan....	38.00
3. Frank Kean, Mt. Pleasant, Iowa...	51.00
4. E. Greer, Mt. Pleasant, Iowa....	27.00
5. Hanks & Bishop, New London, Ia.	40.00
6. Joe Beech, Nevada, Iowa.....	36.00
7. H. E. Browning, Hersman, Ill....	135.00
8. W. F. Bowser, Morning Sun, Iowa	22.50
9. Joe Beech .....	26.00
10. W. F. Bowser .....	23.00
11. W. H. Copeland, Fairfield, Iowa...	21.00
12. Frank Warway, Mt. Pleasant, Ia.	31.00
13. Alvin C. Hasty, Kalona, Iowa....	50.00
14. Jno. Schowalter, Wayland, Iowa...	36.00
15. ....	47.50
16. E. P. Greer .....	36.00
17. J. D. Dohrman, Mt. Union, Iowa...	40.00
18. Joe Beech .....	30.00
19. J. C. Jay, Mt. Pleasant, Iowa....	22.50
20. Frank Warway .....	24.00
21. W. F. Bowser .....	22.00
22. B. Welch, Crawfordville, Iowa....	22.00
23. H. W. Dorn, Roscoe, Iowa.....	20.00
24. Joe Beech .....	27.00
25. W. F. Bowser .....	19.00



Top Notcher Again was champion at Indiana and Illinois State Fairs, 1903. He is also sire of Top Notcher Chief Jr., champion at St. Louis World's Fair. He and his get won nine prizes at St. Louis. He is a half-brother to grand champion Tip Top Notcher. He weighed 915 pounds when shipped for St. Louis. Eighteen daughters of this old warrior go in Mr. H. S. Allen's sale at Chariton, Iowa, February 7th. They are safe to Crimson Wonder Again, champion of 1906.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## INTERSTATE BREEDERS' ASSOCIATION MEETING.

The annual meeting of the Interstate Breeders' Association and the Iowa Swine Breeders' Association will be held in the sale pavilion at the stock yards, Sioux City, Iowa, February 5th, 6th and 7th. On those dates the following program will be carried out:

Tuesday, February 5th. Morning Session, 11 o'clock a. m.—Opening address, James Walpole, president Interstate Breeders' Association, Rock Valley, Iowa. Afternoon Session, 1:30 o'clock p. m.—"Cattle Feeding in the Corn Belt," Prof. H. R. Smith, chair of animal industry, University of Nebraska; "Judging Cattle and Horses," Prof. Andrew Boss, chair of animal industry, University of Minnesota. Evening Session, 7:30 o'clock p. m.—"Draft Horses," Hon. H. G. McMillan, Lakewood Farm, Rock Rapids, Iowa; "Farm Management," Prof. John Thompson, editor Farmers' Tribune, Sioux City, Iowa.

Wednesday, February 6th. Morning Session, 9 o'clock a. m.—Opening address, Wm. D. McTavish, president National Association of Expert Swine Judges, Coggon, Iowa; "Breeding and Feeding Swine and Building Up Trade From a Breeder's Standpoint," A. J. Lovejoy, Roscoe, Ill.; "The Value of Pure-Bred Swine for the Average Farmer," P. W. Peterson, Vermillion, S. D.; demonstration of representative types of market swine to be followed by carcass illustrations of methods of cutting hogs for domestic and export trade, by J. J. Ferguson, Swift & Co., Chicago, Ill. Afternoon Session, 1:30 o'clock p. m.—"Opportunities for Increasing Returns from Swine on the Average Farm," L. H. Roberts, Paton, Iowa; "The Bacon Hog Industry in the Northwest," Harry G. Krum, secretary American Yorkshire Club, White Bear Lake, Minn.; demonstration of hog carcasses, J. J. Ferguson, Swift & Co., Chicago, Ill.; "The Danger from Pads and Fancies in Breeding Pure-Bred Swine," B. R. Vale, Bonaparte, Iowa. Banquet, 8:30 p. m.

Thursday, February 7th. Morning Session, 9 o'clock a. m.—Swine scoring exercises under direction of the National Association of Expert Swine Judges; carcass demonstration of tuberculosis and hog cholera. Dr. G. A. Johnson, chief of the bureau of animal industry, Sioux City, Iowa. Afternoon Session, 1:30 o'clock p. m.—Business meeting Interstate Breeders' Association.

The railroads have granted a rate of a fare and a third for the round trip on the certificate plan, based on an attendance of 100, from points in South Dakota and east of the Missouri river, where the one-fare rate is more than fifty cents, also from points in Iowa, Nebraska, and Minnesota, where the one-fare rate is more than fifty cents and not more than \$4.50. Each person, therefore, who contemplates attending these meetings, should secure a certificate at the time of purchasing ticket.

## THE CHICKEN-EATING SOW.

One of our subscribers living at Dixon, Ill., sends the following communication:

I would like if you would tell me what to do for hogs that get started eating chickens. I have one brood sow that I will have to sell for pork, because I do not seem to be able to cure her of this practice. However, she is not worth for pork more than half what she would be worth as a brood sow, so it is a loss to me.

When hogs once become addicted to this vice there is small chance of breaking them of the habit. Chicken meat makes rather luscious eating and

when once it is tasted the old sow will break down a stone wall for a meal of this kind of fresh meat.

We do not say that it is always caused by improper feeding, but we know of instances where the habit has been contracted by hogs being improperly fed. A case comes to mind where six sows owned by one farmer all acquired this habit, and upon inquiry we found that these sows were fed nothing but corn and water during the winter. Several of them lost their pigs in the spring, and those that did not lose them ate them up afterwards. They were more like crazy hogs than anything else, and we think that the trouble was entirely due to the fact that they were not supplied with the right kind of material when they were in pig.

We have found nothing better for sows when they show any indication of having a depraved appetite than a little tankage fed daily with their grain. This, as most of our readers are aware, is a by-product of the packing houses and it is composed largely of lean meat. Oil meal is also good, and while these products may appear high in price as compared with corn, yet when they are considered from the standpoint of their flesh-forming content they are much cheaper than corn.

Rather than sell a good-brow sow on account of the chicken-eating habit we wouldn't hesitate to try to put her on about all the tankage she will eat for a time. When her system catches up with the demand made on it the unnatural appetite will disappear and the probabilities are that this will cure the habit.

## DIFFERENCE BETWEEN EARS OF CORN THAT LOOK ALIKE.

Although the agitation of the seed corn question that has taken place during the last few years has accomplished much, we are yet in the alphabet of the business. It has been proclaimed from the housetop that the yield can be increased by selecting from year to year ears of good size, having a certain shape and with kernels of a particular character. This doctrine has unquestionably been sound because men in every county in the corn belt can be found, who have increased their yield all the way from 10 to 25 per cent by putting more skill into the selection of their seed.

There is of course a much quicker way to increase the yielding ability of a variety of corn than that of selecting the finest looking ears, and the result of an experiment carried on at the Ohio Station will make this clear. At that station twenty-four extra good ears of a certain variety were chosen. The seed from each of these ears was planted in a row by itself, five kernels being used per hill. It was afterwards thinned down to three stalks, thus giving each ear the same opportunity as its neighbor.

Now, what were the results? The seed from one ear out of the twenty-four produced a crop that yielded 114 bushels per acre, the next highest yielding ear produced 112 bushels and the third 104 bushels.

Turning now to the three lowest yielding ears, we find these to have produced fifty-five, sixty-five and seventy-seven bushels per acre, respectively. The lowest yielding row produced fifty-eight barren or worthless stalks, while the highest yielding row produced no useless stalks. On the second highest yielding row there were fifteen barren stalks, while on the sixty-five-bushel row there were fifty-two barren stalks.

Here was a case where the three highest yielding ears out of the twenty-four gave an average yield of 110 bushels per acre, while the three lowest yielding rows averaged sixty-six bushels per acre. It should be borne in mind that the germinating qualities of these ears were exactly the same, the difference being due to the fact that some ears were prepotent; that is, they had marked ability to reproduce themselves, while in the other cases prepotency in the right sense was entirely lacking.

From these results it would appear that much more can be done by way of increasing the yielding ability of corn if the individual row system is used than can possibly be accomplished by selecting even good-looking corn promiscuously. After all, it is not so surprising that good-looking ears should vary so much in their productive ability as was the case in this instance. The same



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Double the Capacity of other Mills.

TWO HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

# PIPE At Less Than Half Price

We offer one million feet of pipe all sizes, also lumber, roofing, farm machinery, boilers, etc., at less than half the original cost. We guarantee everything we sell and refund your money if you are not thoroughly satisfied. References: Merchants-Laclede National Bank, or any commercial agency. Write today for complete catalog and prices.

ST. LOUIS WRECKING & SUPPLY CO. 3867 Manchester Avenue, St. Louis.

holds true in animals. It is not enough in these days to have correct individuality in a pure-bred animal, as the blood lines that have produced the animal play an important part in making it desirably prepotent. Just how much line-breeding must be used in the case of animals to fix a type is not definitely known, and in the case of corn it is not known at all.

We simply call the attention of our readers to these striking results obtained at the Ohio Station in order that those of our readers who have been improving their corn shall be impressed by the fact that much quicker results can be attained in the way of increasing the yield if the row system is employed. A very small acreage will answer this purpose.

## FEED RACKS FOR GOATS.

One of our subscribers in Nemaha county, Kan., desires to be informed of a feed rack for goats which will allow them to get out the hay and still prevent them from climbing into the rack and tramping down the contents. He finds it necessary to feed some forage during the winter when brush and aftermath are not available. He finds that the natural instincts of the goat for climbing cause him more or less trouble in the feed yards.

We think that the illustration herewith given of a rack should be a very



good idea to solve our inquirer's problem. As may be seen, this rack is easily made and can be attached to any fence or shed. The rope which is attached to the middle of the upper piece of the rack passes through a hole in the shed and over a pulley. A weight is attached to the rope inside of the shed which serves to keep the rack closely pressed against the hay. When there is little hay in the rack it naturally lies up close to the shed.

## Weighton's Sale.

The Duroc Jersey brood sow sale of Mr. John Weighton, at Audubon, Iowa, on January 22d, brought out one of the largest crowds of breeders and farmers so far this year. The temper of the people present showed that there would be a good sale, and so it was. The forty head cataloged averaged \$60.19, the highest-priced gilt being Claremont's Empress. She went to Mr. Pete Alsln, of Boone, Iowa, at \$315. Mr. Weighton certainly deserved a good sale and everybody took a hand in making it a success. Col. Luther cried the sale and was ably assisted by Alva Mansfield. Below is a list of prices paid:

Laura, Aug. Metzler, Audubon, Iowa..	\$ 41.00
Lorene, John A. Cozine, Ross, Iowa..	36.00
Gilt, Chas. Newell, Gray, Iowa....	36.00
Gilt, Chas. Brown, Audubon, Iowa....	35.00
Gilt, J. B. Cecil, Anita, Iowa....	57.00
Gilt, Chas. Brown, Audubon, Iowa....	36.00
Gilt, Grant Hockett, Manning, Iowa..	110.00
Gilt, Claud Huffman, Scranton, Iowa.	46.00
Iowa Rose, J. O'Brien, Audubon, Iowa	49.00
Fancy Rose, Walter Lind, Grundy Center, Iowa.....	51.00
Fay IV., John E. Clark, Lohrville, Ia.	80.00
Dan's Dimple, John Griffith, Audubon, Iowa.....	52.50
Majestic Beauty, W. W. Weston, Audubon, Iowa.....	60.00
Gilt, Wm. Shaw, Gray, Iowa.....	33.00
Gilt, J. L. Johnson, Audubon, Iowa....	40.00
Gilt, J. R. Randolph, Audubon, Iowa..	36.00
Gilt, J. G. Peterson.....	39.00

Claremont's Empress, A. P. Alsln, Boone, Iowa.....	315.00
Claremont's Gilt, Aug. Voge, Portsmouth, Iowa.....	113.00
Gilt, J. E. Wehr, Portsmouth, Iowa..	60.00
Queen Orion, E. B. Ryan, Portsmouth, Iowa.....	161.00
Fashion Queen, F. Dreber, Gray, Iowa	45.00
Gilt, J. J. Peterson, Audubon, Iowa..	37.00
Gilt, Wm. Shaw, Gray, Iowa.....	37.00
Gilt, Fagan, Browning & Hess, Hersman, Ill.....	245.00
Gilt, L. H. Roberts & Son, Paton, Ia.	62.00
Gilt, Sexsmith & Strong, Greenfield, Iowa.....	44.00
Gilt, Hood & Baker, Dunlap, Iowa...	50.00
Gilt, Owen Davis, Audubon, Iowa....	43.00
Gilt, W. H. Hudson, Lohrville, Iowa..	48.00
Gilt, C. W. Taylor, Audubon, Iowa....	39.00
Gilt, M. Spencer, Audubon.....	41.00
Sow, same.....	40.00
Orion's Daughter, Jas. Andrews, Audubon, Iowa.....	40.00
Fanny F., G. C. Everts & Son, Audubon, Iowa.....	49.00
Nellie, A. L. Mossman, Radcliffe, Iowa	30.00
Gilt, W. A. Staples & Son, Glidden, Ia.	34.00
Thora, Godfried Dreher, Audubon, Ia.	40.00
Audubon Rose, Fritz Dreber, Gray, Ia.	55.00
Gilt, Chas. Seaman, Jefferson, Iowa..	61.00
The average was.....	\$ 63.12

## The Red Oak Sale.

The combination sale of Short-horn cattle at Red Oak, Iowa, on January 21st, brought out a good crowd and everything was sold. Sunlight 5th topped the females at \$280, and Gold Standard topped the bull offering at \$285. Below is a list of those selling for \$70 and over:

COWS.	
Sunlight 5th and c. c., H. P. Hardin, Corning, Iowa.....	\$280.00
Lady Grace, H. E. Brown, Corning, Iowa.....	95.00
Velvet Rose, S. A. Bixler, Corning, Iowa.....	130.00
Pansy Queen, A. A. Peterson, Stanton, Iowa.....	75.00
Lady Thistlewood, Edd Goltry, Red Oak, Iowa.....	85.00
Mary Regina, J. D. Baird, Red Oak, Iowa.....	105.00
Golden Mayflower, S. B. Swanton, Essex, Iowa.....	87.50
Maude, W. H. Roe, Glenwood, Iowa..	92.50
Olive May, Chas. Barton, Red Oak, Iowa.....	72.50
Bright Eye, F. E. Reamander, Red Oak, Iowa.....	72.50
Vesta 2d, A. A. Peterson.....	75.00

BULLS.	
Gold Standard, Geo. Mahr, Corning, Iowa.....	285.00
The Clipper, Roy Curby, Elliott, Ia..	80.00
Admiral Togo, Less Confer, Emerson, Iowa.....	72.50
Thicket, S. B. Swanton.....	97.50
Rosidor, Chas. Requist, Stanton, Ia..	80.00
Col. Beauty, Joe Shoenegreen, Stanton, Iowa.....	130.00
Saladin, Cali Denlinger, Red Oak, Iowa.....	100.00
Sharon Duke, Edd Goltry.....	175.00

## DOCTOR CURED OF ECZEMA.

Maryland Physician Cures Himself—Dr. Fisher Says: "Cuticura Remedies Possess True Merit."

"My face was afflicted with eczema in the year 1897. I used the Cuticura Remedies, and was entirely cured. I am a practicing physician, and very often prescribe Cuticura Resolvent and Cuticura Soap in cases of eczema, and they have cured where other formulas have failed. I am not in the habit of endorsing patent medicines, but when I find remedies possessing true merit, such as the Cuticura Remedies do, I am broad-minded enough to proclaim their virtues to the world. I have been practicing medicine for sixteen years, and must say I find your Remedies A No. 1. You are at liberty to publish this letter. G. M. Fisher, M. D., Big Pool, Md., May 24, 1905."

The House that Jack Built argument is applied in a rather forcible way in this issue in defining what troubles and repairs actually mean, in the Litchfield serial on page 5. Read it.

## HORSE OWNERS! USE



## CAUSTIC BALSAM.

A safe, speedy and positive cure. The safest, best BLISTER ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for circular. Special advice free.

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## 5 to 18 More Bushels of Corn to Every Acre



Sorts Seed Corn so Planter Drops Same Number EVERY TIME

When you set your corn planter to drop three kernels you want it to drop three, not two, four, five or any other number but three every time.

Why?

Because you know that the amount of ground that you allow for each hill will nourish that number of kernels and give the best possible results.

A uniform stand can only be secured by having good seed, hills the right distance apart and the right number of kernels in every hill every time.

If some of the hills have too many kernels the result is too many stalks for the ground to properly nourish; therefore stunted stalks and stunted corn. If there are too few kernels in some of the hills the stalks will bear good ears but you lose the yield of the missing stalks.

And all because your planter does not drop the same number of kernels in every hill. Don't blame the planter.

Planter plates are made to fit kernels of uniform size and if they are, any good planter will drop the number it is set for every time.

Seems a little thing doesn't it, but it means from five to eighteen more bushels of corn to every acre.

Worth considering, isn't it?

### THE MORECORN SORTER

Sorts seed corn for length, width and thickness. One thirty-second of an inch makes a difference to this wonderful machine.

If your planter is set to drop three kernels it will drop three, 100 times out of every 100. If the Morecorn Sorter will increase your corn yield only five bushels per acre, isn't it worthy of your investigation?

Your increase in yield will pay for the sorter twice over, the first year. Many farmers make considerable extra money by sorting their neighbors' corn.

But—send for the literature today.

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to have us show you the wonderful opportunities existing in the South, and how you could improve your present condition?

### THE 'Seaboard Magazine'

Devoted to the agricultural and industrial development of the South, will point out the many advantages of a location in our mild climate, where life would be a greater pleasure as well as profit by reason of being able to carry on work throughout the entire year. Why battle against the elements? If you want a stock or grain farm, a fruit farm, truck farm, where lands are fertile and productive, in fact, anything, and want it in Virginia, the Carolinas, Georgia, Alabama or Florida, the magazine will assist you. Sent FREE on request, together with other handsomely illustrated literature descriptive of the South and its wonderful resources and progress.

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## FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

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**\$25 ON 5 TON** IS WHAT YOU CAN SAVE We make all kinds of scales, Also B. B. Pumps and Windmills. **BECKMAN BROS., DES MOINES, IOWA**

MAKE your own fence posts. Write for prices of the Smith Cement Post Machine. Address, Dept. B, W. Smith Grubber Co., La Crosse, Wis.

## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### MOTHER HEIR OF SON.

A Subscriber, Ruthven, Iowa.—An unmarried man died in Iowa, leaving property there. His father is dead. His mother, brothers and sisters are living. Who are his legal heirs and how must his property be divided?

Answer.—His mother is his legal heir and is entitled to all his property.

#### WOVEN WIRE FENCE—SALE.

A Subscriber, Clarence, Iowa.—A and B own adjoining farms with a partition fence between. A put woven wire on B's part of the fence. A sold his farm to C, agreeing to give possession on March 1, 1907. Has A the right to remove the woven wire, or does it belong to C?

Answer.—As between A and C the woven wire is a fixture attached to the place and goes with it in the sale, if nothing was agreed to the contrary. A has no right to remove it.

#### STOCK AT LARGE.

A Subscriber, Armstrong, Iowa.—My farm is all fenced and I keep my stock on my own land. My neighbor across the road has no fence and he turns his stock on the public road. (1) Can I compel him to keep his stock off the road? (2) Is live stock allowed to run on the road in Iowa, without a keeper?

Answer.—(1) You can compel your neighbor to keep off the road his swine, sheep, goats, stallions, jacks, bulls, boars and bucks, but not other stock. (2) Stock other than that named in the preceding answer is not prohibited by law from running at large on the road in Iowa unless in a county where the herd law is in force.

#### DESCENT IN COLORADO.

A Subscriber, Monroe, Iowa.—A widow having no children died without a will, leaving valuable real estate in Colorado. Both of her parents are dead. Her surviving relatives are several brothers and sisters, one half brother and one half sister, the children of one sister, and the children of two half brothers. How will the property be divided by law?

Answer.—The property will be divided according to the laws of Colorado, where it is situated. In that state half brother and half sister will get share with full brothers and sisters—hence the several brothers and sisters and the half brother and half sister, will get share and share alike. The children of the deceased sister will together get the share she would get if living, and the children of each half brother will together get the share their father would get if living.

#### CONSTRUCTION OF CONTRACT.

A Subscriber, Kinsman, Ill.—I rented eighty acres of land, for which I was to pay one-half of the corn and oat crops raised on the place, and \$5 per acre for hay and pasture land to be measured. There is a narrow strip of pasture land with a large creek running through it. I have been told that I was not required to pay for the ground which the creek covers. What is the law on the subject?

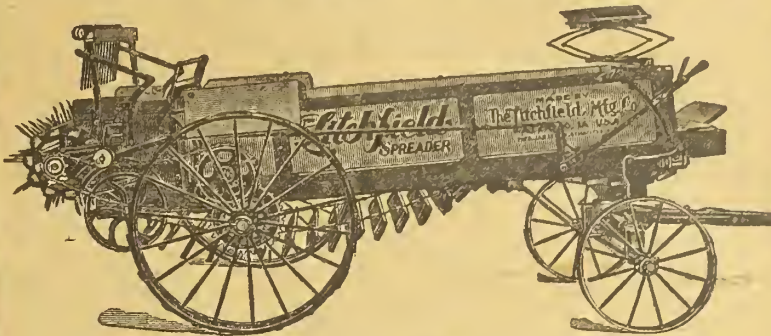
Answer.—There is no law specifying just such a case, but in case of trouble between you and your landlord in court, your rights would be adjusted by a legal interpretation of your contract. We are inclined to the opinion that a court would decide that the measurement of the pasture and hay land would include the creek, and that you could not have a reduction of rent for the ground covered by it.

#### RAILROAD STORAGE CHARGES.

Mr. J. L. W. Bazine, Kan.—A notice from the railroad agent informing me that certain goods had arrived for me at the railroad station was put in the postoffice late on Saturday evening. I got the notice on Sunday morning, and I went after the goods on Monday. I then found that the railroad company had charged storage on the goods. (1) Had it any right to do so? (2) Can the company collect storage? (3) What length of time must the company keep goods after arrival before the law allows it to charge storage?

Answer.—(1) Section 6484 of the statutes (1905) provides that railroad companies must, within twenty-four hours after arrival of shipments, give notice by mail to the consignee, and that a railroad company may collect storage charges on less than carload shipments of five cents per one hundred pounds for each day after forty-eight hours after giving such notice of arrival. The company in your case had no right to charge storage. (2) The company cannot collect storage in your case by law, but it

## TROUBLE AND REPAIRS



## ARE TWIN BROTHERS

**TROUBLE** and repairs go hand in hand. They were born and brought up under the same conditions. They pull at your patience and drag at your pocket-book. They affect your good judgment and they take the pleasure out of your existence. In fact, when you consider the purchase of any Manure Spreader, just make an inventory of the number and size of its parts and pieces and what they are made of. Here is the whole repair secret.

The Litchfield Spreader stands out in bold relief when compared with the average machine. The developing work that has been put on this modern spreader, to cut out parts, therefore repairs and therefore trouble, will be appreciated by our trade and is sure to add many days to the pleasure and prosperity of every man who owns one. The more pieces in a spreader the more complications, and, of course, the more complications, the more repairs, and as repairs mean trouble, about the only way to minimize trouble is to cut out every possible piece you can and still retain working efficiency.

The Litchfield Spreader originated the single lever to take the place of from three to half a dozen as used on other machines. This spreader also originated and is the only machine using the self-cleaning or automatic hinged conveyor, making it possible to use it endless and in its simplest form, securing at the same time most perfect results and avoiding the "automatic machinery" found on all return Aprons.

Wheel troubles have been eliminated (and when we say eliminated we mean cut out entirely) by the introduction of a shell constructed steel wheel, giving more than 200 per cent greater efficiency based on its weight, than has ever been offered in any other steel wheel made. It can be said to the credit of this steel wheel that out of thousands of them now in actual service, not one wheel (note this, not a single one) has ever needed repairs or given out in any way. How is this for a record of five years? Just consider what it means.

This same theory of simplifying has been systematically carried out through the entire machine. The Litchfield Spreader is not held up as an example to condemn other spreaders, because the "old timers" were all right in their day and are entitled to much credit but we simply want to emphasize the fact that this modern machine is putting the spreader business on a higher plane.

**THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA**

might refuse to deliver the goods till storage was paid and this would make a lawsuit necessary, which, in the end, would be a losing game. (3) The third question is answered in the answer to first question. Where unreasonable storage charges are made the law provides for written complaint to railroad commissioners and an investigation, but this remedy is not adequate in your case.

#### COLLECTION MATTER.

Mr. C. J. Carlson, Odebolt, Iowa. I sent a shipment of dressed poultry to a commission firm in Chicago, weight 179 pounds net. The firm sent me proceeds for seventy-nine pounds, while the sales account showed that it had received and paid express on the whole shipment. I wrote the firm about it and enclosed the sales account, but have received no reply. What can I do about it?

Answer.—Put the matter in the hands of a Chicago lawyer for adjustment and collection.

#### HUSBAND AND WIFE.

A Subscriber, Fort Ransom, N. Dak.—When a married man dies in North Dakota without a will, having property there, what portion of his estate does his widow get?

Answer.—She first gets what is called the widow's allowance out of the personal property—then if the deceased husband was without issue she gets all of his property up to \$5,000 and one-half of all over that sum. If the husband left only one child or its issue, the widow gets one-half of his estate; but if the husband left more than one child or issue, then the widow gets only one-third of his property besides her allowance first mentioned.

#### NEGLECTANCE OF BOTH PARTIES.

A Subscriber, Tindall, Mo.—A and B own adjoining farms of eighty acres each. The partition fence between the farms is kept up by them, each one having his own part. The fence is an old one. A's part of the fence fell down at a certain place and A's cattle got through on B's land. B took them out and shut them in another field, away from the partition fence. B had a stalk field along said partition fence and he turned his horses in the stalk field, knowing the partition fence was down, and the horses went back and forth between A's pasture and B's stalk field at will. Neither A nor B said anything to the other about the situation, being on good terms. While B's horses were running in A's pasture one of them, a colt, fell into a ditch and broke its neck. At that time the horses had been running in the pasture and stalk field for two or three weeks, both A and B knowing of it. Can B recover damages from A for the loss of the colt?

Answer.—We think not. The damage resulted from the negligence and carelessness of both parties.

#### PILES CURED IN 6 TO 14 DAYS.

**PAZO OINTMENT** is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

Active and retired farmers, and all persons owning, renting, dealing in real estate or property of any description to send for sample pages of the only work of the kind published in the world.

## "The Encyclopedia of Iowa Law."

"No work like this has ever been published in the English language." From The Homestead.

"Your book is the only one I have seen on which I can place any reliance." The Hon. H. B. Deemer, Judge of Supreme Court.

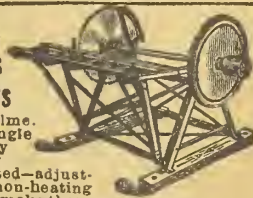
"I would not take one hundred dollars for it if I could not get another." W. W. Hagin, R. F. D., Union, Ia.

"No fifty volumes, and I might safely say, not even a hundred volumes in my library could be selected that would be to me of so much practical use what the law is in Iowa on a given question, or advising others as to the law." Judge C. B. Bradshaw.

"The laws of Iowa need no longer be a sealed book to the people of Iowa." Register and Farmer.

Sample pages free to those interested. Address, Iowa Law Book Co., Box 342, Marshalltown, Iowa.

You never saw a saw which saws like this saw saws



and last so long a time. Frame of heavy angle steel strongly braced—absolutely no shake. Patented—adjustable, dust-proof, non-heating oil boxes, etc. We make these

**Appleton Wood Saws**

in 6 styles—strong, simple, safe and successful—and we make a 4-wheel mounting for wood saws and gasoline engines which is unequalled for convenience and durability. Saw your own wood and save time, coal and money—then saw your neighbors' wood and make \$5 to \$15 a DAY. We make the celebrated

**HERO FRICTION FEED DRAG SAW**

nothing like it—no other so good. Also feed grinders, shellers, fodder cutters, huskers, manure spreaders, farm trucks, windmills, etc., all guaranteed full Appleton Quality. Catalog free for the asking. Ask for it now.

**APPLETON MANUFACTURING CO.**  
39 Fargo Street Batavia, Ill. U. S. A.

## BROOKS' NEW CURE

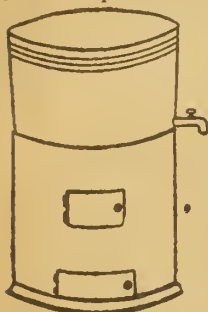
FOR **RUPTURE**  
Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No lies. Durable, cheap. Pat. Sept. 10, '01. **SENT ON TRIAL. CATALOGUE FREE.** C. E. BROOKS, 3144 Brooks' Bldg., MARSHALL, MICH.

**THE STEEL SHOE \$2.50** A pair, express prepaid. Guaranteed to wear one year. FREE booklet, "The Sole of Steel," tells how to save \$5 to \$10 every year on working shoes. American Boot and Shoe Protector Co., Dept. B, Itasca, Wis.



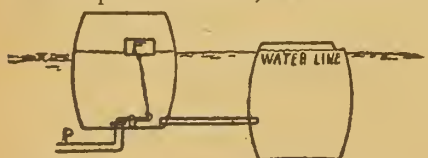
# HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

There are a great many plans for heating water in the winter for hogs. Generally one can buy or find an old stove or furnace bottom for a fire-place which can be used to heat water in a large kettle or galvanized tank. Mr. L. H. Roberts, of Greene county, Iowa, uses an old furnace for this purpose and a large tub made of galvanized iron fits in the top of the furnace. When once



a bed of coals is started water is easily kept warm, and it only requires a little firing to heat the water to the proper temperature. Another farmer told us this fall that he has a long hose which he connects with a galvanized tank and in this way he can reach a number of troughs very handily. The water is generally heated a little above the temperature at which the hogs will drink it, as there is generally some ice in the trough which will cool off the water to the right temperature. This seems a very simple plan of getting warm water to the herd when one does not care to bother with a number of tanks and tank heaters.

"Am sending you a plan of a hog waterer that I have had in use for eight years. Secure two empty oil barrels and have a blacksmith put four strong iron hoops about them, as the barrels



are to be set in the ground and the ordinary hoops will soon rust out. Barrel No. 1 is to be set flush with the surface, but barrel No. 2 is only partly set in the ground, so that the float will close the intake pipe when the water is to the top of barrel No. 1. Make a lid for barrel No. 1, leaving an opening at the south side large enough to allow hogs to drink therefrom. Fence all but this opening away from the hogs, and in the winter cover the barrels with stable manure and the only attention it will need will be to break the thin scum of ice that forms on barrel No. 1 in extremely cold weather. The hogs generally drink often enough to keep the opening free from ice. In the illustration, F represents the float and P represents the intake pipe from

# Why You Should Have A Cream Harvester

If you are keeping three or more cows, it will pay you to own a Cream Harvester, because its use brings greater returns in the form of increased quantity and better quality of products, and because it removes much of the drudgery connected with dairy work.

It makes no difference whether you are making your cream into dairy products on your own farm or are shipping to a creamery. In either case the separator is equally important. It gives you more cream and leaves you the skimmed milk to be fed while yet warm to pigs or calves. If ground feed is added to this skimmed milk it becomes as valuable for feeding purposes as whole milk. This is one of the great advantages of a cream separator.

Then, the three big advantages of a separator are—more cream, less work and fresh skimmed milk for feeding, and these are sufficient to pay the cost of a separator in a short

time. But not all separators will do the same for you. Some make more work instead of less work, for they are so hard to operate and so hard to clean. Watch out for these things when you buy a separator.

It will pay you to call on the International local agent and examine The Dairymaid and Bluebell Separators. There you can see by actual test how they will skim down to the one thousandth part, whether the milk be warm, cold, rich, viscid or old.

You can try for yourself, and see how easily they are operated. Notice in the illustration how the handle is at just the right height, and that the supply can be low while the milk and cream spouts are high.

You can see the excellent gearing, and how, though all the parts are covered to prevent dirt getting into the bearings, each is easily accessible; how strong and simple they are, and how this will give them great durability.

You can see how simple construction is the key note all through, and what rigid care is exercised to make every part just right, and exactly so as to get best results with the least work and the least trouble.

The Bluebell is a gear drive machine, and the Dairymaid is a chain drive—you can take your choice. If it isn't convenient for you to call on the agent, write for catalogs. These tell in concise descriptions and in many excellent illustrations what you will wish to know.

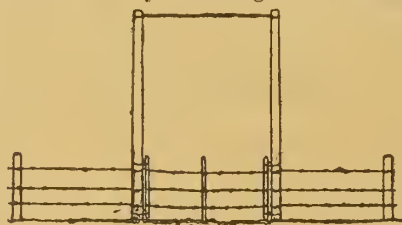


**INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO, U. S. A.**

(INCORPORATED)

the supply tank. As will be seen, barrels No. 1 and No. 2 are connected with an ordinary water pipe."—W. R. Stewart, Marshall county, Iowa.

The illustration shows a very simple and complete way of bracing the gate posts in a fence. We are indebted to A. J. J., of Oskaloosa, Iowa, for this idea. Instead of using the ordinary posts at each side of the gate, use poles eighteen or twenty feet long. After these

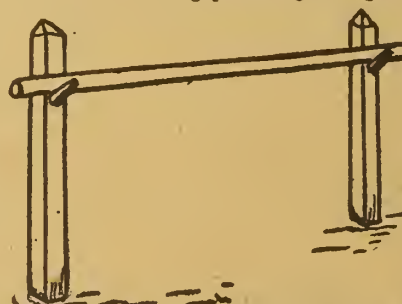


are set they are connected at the top with several strands of good heavy wire, which may be twisted to bring them into the right position. It is not always necessary to have poles this high. However, this height allows a load of hay to pass under conveniently.

We are going to ask our readers this week to help us answer some inquiries we have received lately. One subscriber asks for a dehorning rack which may be used for young and old stock. Another asks for the plan of a litter carrier which may be cheaply made and easily installed in a barn. Still another

wishes for a rule to measure hay in a stack. If any of our readers happen to be able to answer any of these inquiries we should consider it a special favor to hear from them.

Mr. G. A. Brooks, of Peoria county, Ill., has a very simple device for unloading a hay rack which should appeal to many of our readers for its simplicity and effectiveness. It is described in one of the exchanges as follows: "Set two posts in the ground far enough apart to allow the wagon with rack to be driven between them. About three feet from the ground bore a hole in each post. Into this hole fit a strong iron pin, as shown at A in the illustration. Next take a strong pole long enough to



METHOD OF UNLOADING HAY RACK. reach from one post to the other and rest it on these pins. To unload the rack raise one end high enough to allow the pole to pass under it and rest each end upon the iron pins in the posts.

**Gold Watch FREE AND RING**

We positively give both a Solid Gold Laid STEEL WIND American movement Watch highly approved and fully warranted timekeeper equal in appearance to a Solid Gold Watch; also a Solid Gold Laid Ring, set with a Famous Congo Gem, sparkling with the fiery brilliancy of a \$50 diamond, for selling 20 pieces of handsome jewelry at 10c each. Order 20 pieces and when sold send us the \$2.00 and we will positively send you the watch and ring; also a chain, ladies or gent's style. ALTON WATCH CO., Dept. 121, Chicago.

**BOWSER SWEEP MILLS**

Different from all others. 4 or 2 horses. Geared 18 to 1 or 7 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 sizes belt mills.) E. N. P. Bowser Co., South Bend, Ind.

**PATENTS**

ORWIG & LANE, DES MOINES, IOWA. Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

The rack should rest on the pole a little forward of the middle, so that the rear will about balance the forward end. Now uncouple wagon and draw out front wheels. Pull down on the front end of the rack and the hind wheels are ready to be taken out. Next let rack down until rear end touches the ground. If you leave it in this way your rack is in such a position that the water will not soak into it when it rains."

Mr. W. J. Moore, of Warren county, Ill., tightens loose barbed wire in the following manner: With a claw hammer the strand is picked up between the claws and a kink is made. Each kink reduces the slack until the wire reaches the proper tension.

Mrs. J. A. J., of Stanhope, Iowa, suggests that a very good plan for feeding calves is to make panels in the fence. In this way each calf will find a panel and you can stand on one side of the fence and feed them with less difficulty than if they had their heads through a common opening.

**TO CURE A COLD IN ONE DAY**  
Take LAXATIVE BROMO Quinine Tablets. Druggists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

## The Rowe Sale.

One of the best crowds yet seen at any brood sow sale held so far this winter gathered at the J. E. Rowe sale at Stockham, Neb., on January 21st. There was a good crowd of breeders present who seemed eager to purchase the best stuff. The top sow sold for \$185. going to Messrs. Hopkins Bros., of Atlanta, Neb., and she was surely the bargain of the sale. An average of \$39.40 was made on the entire consignment. Below is a list of those selling at \$30 or over:

1. A. T. Deal, Stockham, Neb.	\$61.00
2. Hopkins Bros., Atlanta, Neb.	185.00
3. F. Anderson, Stockham, Neb.	50.00
4. B. W. Springer, Aurora, Neb.	48.00
5. H. E. Toof, Aurora, Neb.	40.00
6. I. Rath, Eldorado, Neb.	40.00
7. Crist Stieder, Giltner, Neb.	45.00
8. H. B. Hall, York, Neb.	52.50
9. Joseph Zebr, Aurora, Neb.	30.00
10. Archie Parr, Merna, Neb.	60.00
11. H. B. Hall	47.50
12. H. E. Toof	35.00
13. Chas. Sberwitz, Eldorado, Neb.	35.00
14. Same	45.00
15. John Jansen, Henderson, Neb.	35.00
16. Barney Sterbus, Aurora, Neb.	41.00
17. H. E. Toof	32.50
18. Chas. Sberwitz	30.00
19. H. E. Toof	30.00
20. J. Jones, Marquette, Neb.	30.00
21. Chas. Sberwitz	35.00
22. Same	31.00



The above is a correct likeness of I Am Allerton, a son of I Am Sunshine by Perfection. His dam was Miss Allerton by Allerton Tec. This is a grand specimen of the right type of Poland China and many of the best sows in the J. H. Hamilton & Son sale at Guide, Rock, Neb., will be bred to him. See sale advertisement and write for catalog.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion. No insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 130,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

BATTED Plymouth Rocks for sale. 300 cockerels, hens and pullets at a bargain. Large-boned, vigorous, firm raised, scored birds that win. I have developed heavy egg-producing strains. Mrs. A. A. Berry, Box 128, Clarinda, Iowa.

RILEY'S Pure Barred Rocks, Hawkins-Thompson strain. Get eggs of us if you want good value. There's a reason. Ask why and get prices. Any number. Orders now or later. Mrs. J. Willis Riley, Box 64, Grand River, Iowa.

SCORED and unscored, Barred and Buff Plymouth Rocks, Rose Comb Brown Leghorns, Mammoth White Holland and Bronze turkeys, large Pekin ducks and Scotch collies. Alden Poultry Yards, Alden, Iowa.

BARRED Plymouth Rocks, Hawkins, Thompson, Felch and Todd strains, cockerels, \$1.50 to \$2.00 each; hens and pullets \$9.00 a dozen, if taken soon, as we intend to leave. Lou Blattner & Co., Prairie City, Iowa.

FOR SALE—Barred Plymouth Rock cockerels, Mammoth Bronze turkeys, raised from high scoring stock. Eggs in season. Mrs. Eugene Scott, Lathrop, Mo.

WHITE Plymouth Rock eggs, \$1.75 per 15, \$4.00 per 50 from fine white stock, scoring to 95%. Satisfaction guaranteed. Address, Henry Kessler, McNabb, Ill.

POFT SALE—White Plymouth Rocks. A large number of cockerels and pullets. Good size, pure white; prices reasonable. Mrs. B. Trelour, Ogden, Iowa.

MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks. 100 choice cockerels for sale. Eggs in season.

75 BARRED Plymouth Rock cockerels for sale. Nicely barred and with large bone. Prices reasonable. L. M. Chmrich, Fairmount, Iowa.

## LANGSHANS.

BLACK Langshans, pure bred, Pullets 75 cents, cockerels \$1. Must dispose of my stock at once. Prices and quality guaranteed. G. F. Neel, Gilmore City, Iowa.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstake, Creston Fair. Philip Stalcup, Lorimer, Iowa.

## RHODE ISLAND REDS.

EIGHT YEARS breeder of high-class Single Comb Rhode Island Reds, best general purpose fowl for fancier or farmer, combines beauty, vigor, early maturing, fine table and great laying qualities. Prices reasonable. Theo. Finch, Oxford, Ohio.

SINGLE Comb Reds. A few cockerels at closing out prices. Hites Bros., Beacon, Iowa.

## COCHINS.

CASEY'S Partridge Cochins won again at Iowa State show. Get sell you beautiful exhibition bird for \$10; good farm and market birds, \$1.00 to \$2.00. W. J. Casey, Knoxville, Iowa.

## MINORCAS.

BREEDER of Single Comb Black Minorcas exclusively. Cockerels for sale. J. C. Tubangh, Blakesburg, Iowa.

## TURKEYS.

MAMMOTH Bronze turkeys, sired by a 40-lb. tom. Walter Ames, Albia, Iowa.

## HORSES.

J. H. BARNETT estate will sell seven young Percheron stallions at a sacrifice for the next two months. J. H. Dyke, Administrator, Indianapolis, Ind.

PERCHERON Stallion for sale. Home bred, an extra good one, six years old, weighs 1,800 pounds. Address, Grant Spangler, Burnside, Iowa.

WILL SELL my black Spanish Jack or trade him for Percheron or Shire stud colt two or three years old. Geo. Fischer, Castana, Iowa.

## HOGS.

A FEW very fine August and September Berkshire boars for sale. Good individuals and correctly bred. No fancy prices asked. Will be registered and transferred. C. K. Peirce, Germania, Wis.

## Hockett's Duroc Sale.

The best crowd of breeders that has ever been seen on the Grant Hockett farm was present on the occasion of his annual brood sow sale on January 21st. Many of the best breeders were there, and Mr. Hockett had a good offering to show them. The four-year-old daughter of Orion and Kruger Maid topped the sale at \$170 and went to Mr. A. P. Alsip, of Boone, Iowa. A daughter of Model Chief went to Mr. John Weighton, of Audubon, Iowa, at \$160. An average of \$52 was made on thirty-nine head sold. Below is a complete list of the buyers: Fancy Wonder, Aug. Voge, Portsmouth, Iowa, \$102.50; Model Queen, John Weighton, Audubon, Iowa, 160.00; Gilt, Hood & Baker, Dunlap, Iowa, 60.00; Gilt, Wm. Coburn, West Side, Iowa, 36.00; Gilt, E. B. Ryan, Neola, Iowa, 62.50; Gilt, F. E. Garrett, Lohrville, Iowa, 51.00; Gilt, John Norris, Audubon, Iowa, 72.00; Gilt, W. H. Hudson, Lohrville, Iowa, 51.00; Gilt, John Struve, Manning, Iowa, 37.00; Gilt, E. J. Anderson, Yale, Iowa, 41.00; Gilt, Claud Huffman, Scranton, Iowa, 40.00; Gilt, Henry Miller, Arcadia, Iowa, 40.00; Gilt, A. L. Mossman, Radcliffe, Iowa, 75.00; Gilt, J. E. Wehr, Portsmouth, Iowa, 70.00; Gilt, H. S. McDowell, Dunlap, Iowa, 43.00; Gilt, Guy Pangburn, Bayard, Iowa, 43.00; Gilt, J. H. Loge, Manning, Iowa, 39.00; Gilt, Wm. Coburn, 36.00; Gilt, W. A. Staples & Son, Glidden, Ia. 43.00.

## WYANDOTTES.

SILVER, Golden and Buff Wyandottes. 100 cockerels at \$2.00 each, scored birds, eggs. Iowa State Fair, Iowa State Poultry Show winners. Catalog. V. G. Warner, Bloomfield, Iowa.

SILVER Laced Wyandottes exclusively, stock for sale, eggs in season. Cockerels, hens and pullets \$1 each and up. Our birds are much in demand. B. H. Bacon, Elroy, Wisconsin.

30 WHITE WYANDOTTE cockerels. They are beauties. Write me about them. S. W. Harr, Riverside, Iowa.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

## LEGHORNS.

S. C. W. LEGHORN cockerels. Write for score cards. Winnings at Ames Show, first pullet, first hen, first cock, fourth cockerel, third pen. Clinton Morning, Rural Route 3, Madrid, Iowa.

ROSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Daveport, Belmond, Iowa.

ROSE COMB Brown Leghorn cockerels, fine birds, 75 cents and \$1.00 each. Forty at a bargain for the lot. Mrs. Laura Mather, Clarksville, Iowa.

## MISCELLANEOUS POULTRY.

EGGS for hatching from 35 leading varieties of high-class poultry. Send 4c. for our book describing our plant, fowls, incubators, brooders and Holstein cattle. Larkin & Herzberg, Maple Grove Poultry Farm, Box 0, Mankato, Minn.

FOOTSALE—Barred Plymouth Rocks, Rose Comb White Leghorns, Rose Comb Rhode Island Reds, cockerels and pullets. Write for prices. H. Fain, Emmetsburg, Iowa.

FOUR S. C. cockerels from World's Fair prize-winners; red to the skin, big boned, rustlers. Eggs in season; reasonable. Frank Coy Kendall, Faragut, Iowa.

MAMMOTH Bronze turkeys; 50 from stock scoring 98 to 97. Barred Plymouth Rock cockerels all sold. Eggs in season. J. C. Watts, Herwick, Iowa.

PURE BRED Mammoth Bronze turkeys, Barred Rock and Light Brahma cockerels and hens for sale. Prices low. J. L. Giddard, Route 2, Waucoma, Ia.

BUFF Plymouth Rock cockerels, large size, good color, \$1.50 each; Mammoth Pekin ducks, \$1.00 each. Mrs. J. W. Martin, Mason City, Ill.

CHICKS—We ship thousands each season. Stamp for booklet and testimonials. "Hatchery," Box 5, Freeport, Mich.

## CATTLE.

FOR SALE—High class double standard Polled Durham bulls. Extra good quality, good colors of serviceable age. Also blacksmith wanted. Chas. Albright, Overbrook, Kan.

RED POLLED Cattle, Champion beef and milk producers, choice animals, either sex, priced right. Write for booklet and particulars. O. P. Russ, Havenwood, Mo.

## SHEEP.

1,100 SIXTY to seventy-lb. half fat lambs, \$3.50 each; 600 Colorado and New Mexico ewes bred to pure bred rams, \$4.50 each. G. W. Sherman, Granada, (eastern) Colorado.

## WANTED.

DO you want a job? Structural steel and cement crowd the railroad yards and wharves of San Francisco. The banks are overloaded with the money of the people, anxious to put it into buildings. The commonest kind of labor commands from \$2.50 to \$3.50 a day; carpenters get from \$5 to \$8 a day; bricklayers and plasterers from \$7 to \$9 a day. If you want the facts, direct a letter to the Bureau of Publicity, R. 514 Union Trust Bldg., San Francisco, and get full particulars free of cost.

BOYS AND GIRLS. Easy learned form of double-entry book-keeping. Many taking advantage of this opportunity. Guarantee to teach you to open and close of books (blanks furnished) within a week or money refunded. Course by mail for \$5.00 continued until you are perfectly satisfied. John Randolph, 985-28th St., Des Moines, Iowa.

WANTED—All cream producers to know that the Des Moines Creamery Company pays at all times top prices for cream. Write for proposition. Des Moines Creamery Co., Des Moines, Iowa.

## G. W. Posts' Sale.

The sale of Duroc Jersey sows made by Mr. G. W. Post, of York, Neb., on January 22d, was very successful. Although the day was very cold, a good crowd gathered to buy this good offering. An average of \$43 was made on the entire lot, which was very satisfactory to Mr. Post. Below is a list of those selling at \$40 and over:

1. J. P. Cunningham, York, Neb.	\$75.00
2. Frank Laird, York, Neb.	75.00
3. A. Pahaska, Charleston, Neb.	50.00
4. Frank Laird	50.00
5. A. L. Price, Thayer, Neb.	42.00
6. James Grey, Sutton, Neb.	45.00
7. Fred Thomas, York, Neb.	40.00
8. Con McCarthy, Henderson, Neb.	50.00
9. F. H. Runner, Benedict, Neb.	42.00
10. John Peterson, Hampton, Neb.	50.00
12. C. R. Stahl, York, Neb.	40.00
14. A. L. Price	46.00
15. F. H. Runner	45.00
16. Same	40.00
17. M. E. Vansickle, Thayer, Neb.	40.00
21. D. H. Rockefeller, Lowell, Neb.	45.00
22. W. M. McFadden, McCool, Neb.	42.00
26. T. J. Curbie, Waco, Neb.	40.00
31. O. C. Larsen, Benedict, Neb.	58.00
32. C. R. Stahl	48.00
33. Chas. Peterson, York, Neb.	40.00
35. F. H. Runner	41.00
36. Wm. Collicor, York, Neb.	45.00
37. John Snyder, York, Neb.	41.00
39. F. H. Runner	46.00
Total of sale	\$1,672.00
Average	43.00

## PATENT ATTORNEYS.

A SNAP FOR INVENTORS—All your money back if patent is not allowed. Address Silas C. Sweet, Patent Lawyer, Box 1111, Des Moines, Ia.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## AGENTS WANTED.

FARMER AGENTS wanted in every township where corn and stock is raised, to handle the "New Ideal" Seed Corn Tester and "Daisy" Stock Food, Worm Powder and Dip. Address, Ulbrich Seed Corn Tester Co., Atlantic, Iowa.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

## REAL ESTATE.

1,143 ACRES of rich, black land in Holt Co., Mo., all level, no overflow; fair improvements; price, \$60 per acre; encumbrance \$14,000 to run 10 years at 5%. Lies on the main line between Kansas City and Omaha and between two good market towns. Owner will take part exchange, part cash for his equity to make quick deal. Address, Box 0, Greeley, Neb.

KANSAS FARM BARGAIN.—320 acres choice land, good house, barn, granary, cribs, good wells, windmill, orchard; 180 acres in cultivation, 20 acres alfalfa, balance pasture; all fenced, 135 acres growing wheat goes with sale. I have other good bargains. Call on or address, J. K. Bremyer, McPherson, Kan.

A BARGAIN—80-acre improved farm, all under cultivation, 2½ miles from Anoka, 13 miles from Minneapolis; school half mile; fine water, no stone, all fenced; price, \$2,800, easy terms. Address owner, Charles McGraw, Route 3, Anoka, Anoka County, Minn.

STRAWBERRY FARM and sheep ranch combined, for rent, on shares or small cash on long term. One mile from good city. Excellent opportunity for right party. For particulars address, F. H. Ellison, North Star Plant Breeding Farm, Rib Lake, Wis.

HOW would you like to own an improved farm in Minnesota potato belt? 160 acres and buildings which would cost \$2,500 to build. Snap if taken at once. \$35 per acre. For further particulars address, John H. Thoma, Princeton, Minn.

80 ACRES, 1½ miles from Davis, Lincoln county, Mo. 50 acres in fruit, the best winter apples, balance very fine young timber. A fine home and cheap, \$4,500.00. H. Boddy, Henrietta, Texas.

FOR SALE, in Lyon county, Kan., 74 acres Ne-sho river bottom land, 30 miles from Kansas City, near railroad, fenced, in two lots \$40 an acre. Milo J. Owen, owner, Barton, Vt.

CHOICE Grain and Stock Farm, on good road and telephone line. Four miles from town 1,500 population, on two Coast Line railroads. Norman Horn, owner, Appleton, Minn.

A GOOD improved 240-acre farm, close to town and school; large grove and apple orchard. Price, \$70. Wanted thoroughbred cattle. Address, Box 12, Ocheyedan, Iowa.

\$800.00, HALF CASH, buys 120 acres good level land, half under cultivation, balance timber; house, barn, fruit, well; station 6½ miles. Frank Pearce, Fredericktown, Mo.

FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

KANSAS, Oklahoma and Texas lands. We are located in the finest wheat, corn and alfalfa country in the world. Write us. Southwest Land Co., Newton, Kansas.

500 ACRES stock farm, two sets of buildings. \$45 acre. Will sell or exchange for St. Louis property or vicinity. W. Price, 715 Olive St., St. Louis, Mo.

BELLEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, all timber and in all parts of the south. Write for list.

IF YOU WANT a dairy, fruit or poultry farm in the Willamette valley, Oregon, do not wait. Write, F. B. Phillips, Cottage Grove, Oregon.

## REAL ESTATE.

IS YOUR FARM large enough? I have a fine stock and grain farm, nicely located, near a town of over 2,000, in Brown County, one of the very best agricultural counties in south part of Minnesota, 600 acres. Land all good, lies fine, good improvements, stocked with necessary machinery, horses, cattle, hogs, grain and hay. Not wishing to farm, will give a reasonable party a good cash sale or exchange for other land. This farm without stock is worth \$60 per acre, carry loan for half or more at 5 percent. What have you to offer? Discount for cash. Possession, March 1st. Lock Box 73, Anthon, Iowa.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

IDEAL POULTRY LAND. Forty acres, half timber, balance cleared; excellent market facilities. Price right, terms easy; also one hundred and twenty acres smooth, good grain, grass and alfalfa land. Small house and barn; well fenced; fronts public road; telephone and mail; station handy. A bargain. See or write Fred L. Seltzer, Harris, Mo.

420 ACRES, 4 miles from Clinton, Mo., 2 miles south of Deepwater. All level or gently rolling, black prairie. All cultivated, except 2 acres timber and 60 in grass. Fenced with hedge and wire. School on land. Two houses, but both wanting repair. A fine farm and cheap. \$16,800. H. C. Schmidt, Clinton, Mo.

320 ACRE FARM in Sherman County, Kansas. 80 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

NORTH MISSOURI FARMS. Cheapest farms in the United States, actual values considered. No healthier country, no better church and school privileges. Improved farms from 40 acres up. No better dairy country than Blue Grass, Sullivan County, Platte Overton, Keger, Sullivan Co., Missouri.

A BIG SNAP—320 acres, Kay county, Oklahoma; all smooth land, 200 acres broken, balance grass land. Price less than \$35 per acre. Write Chas. E. Voge, Newkirk, Oklahoma.

## MISCELLANEOUS.

POULTRY QUEEN of Iowa, who hatched 2,330 chicks in one day. Manufactures incubators, brooders, incubator alarms, and has published a book on how to hatch, brood, feed and prevent chicks from dying in the shell. Price, \$1.00. Send stamp for free remedy for roup and bowel trouble in little chicks. Mrs. D. C. Johnson, Maxwell, Iowa.

THOUGHTFUL women use Balm of Figs Remedies and cure themselves of all female diseases, in the privacy of their own home. Free booklet. Address, Mrs. John R. Hill, Corresponding Secretary, Des Moines, Ia. Lady managers wanted.

FOR SALE—Stock of general merchandise, in live town in southeast Kansas; heart of gas belt. All new stock, invoice about \$7,500. Rent low. Annual sales around \$20,000. Would take small farm as part payment. John Christie, Thayer, Kan.

ANYONE having money lying idle, or in banks drawing only from two to four per cent, and wishing to get better interest on gift edge real estate security, better than national bank, write W. E. C. McCau, Rapid City, S. Dak.

MEN with teams wanted to sell Seminole Indian Remedies and house supplies to farmers. Light work and profitable. For particulars address Seminole Indian Medicine Company, Boone, Iowa.

FOR SALE—The only hotel, bakery and restaurant in town; population, 1,000. Will sell at a bargain if sold before March 1st. Write for description and price. L. Welge, Dysart, Iowa.

WHY NOT remove that corn? We have a sure cure. No pain, nothing like it. Cure or money refunded. Price 50c. Wright Corn Cure Co., Box 50, Minneapolis, Minn.

SHIP your hides and fur to H. Gutman & Co., where you will get the highest market price for same. 108, Second street, Des Moines, Iowa.

WE WANT your logs, picket bolts and saw timber. Can quote you best prices. Geo. D. Loughshore, Eighth and Elm, Des Moines, Iowa.

A SCHOLARSHIP in a Kansas City Business College for sale cheap. Address at once, Thomas, Box 67, Des Moines, Iowa.

anner and an average of \$35.75 was made on the entire consignment. The top price was \$70, paid for a daughter of Ohio Chief, she going to Mr. D. I. Coggin, of Waverly, Neb. Below is a list of those selling above \$30:

Lot.	Price.
1 C. F. Vincent, Vaverly, Neb.	\$40
2 Fred Hackney, Ashland, Neb.	30
3 John Milander, Swedberg, Neb.	35
4 Clause Hammer, Ashland, Neb.	35
5 C. F. Winslow, Greenwood, Neb.	38
6 Wm. Jones, Greenwood, Neb.	35
7 C. E. Abbott, Greenwood, Neb.	31
8 George Schuster, Ashland, Neb.	45
9 Same	30
10 D. I. Coggin, Waverly, Neb.	46
12 Wm. Jones	31
13 George Schuster	45
14 J. W. Russell, Ashland, Neb.	41
15 M. C. Kelly, Greenwood, Neb.	33
16 E. M. Marks, Ashland, Neb.	30
18 Carl Hammer, Greenwood, Neb.	45
20 F. Steinbaugh, Utan, Neb.	50
21 D. I. Coggin	39
22 Same	70
23 J. M. Morrison, College View, Neb.	50
24 J. A. Will, Uthloa, Neb.	37
25 John A. Shultz, Utan, Neb.	31
26 D. I. Coggin	35
30 W. D. Ruff, Greenwood, Neb.	30
31 Geo. Shultz, Utan, Neb.	45
33 Ollie Wedburg, Swedberg, Neb.	40

## SUMMARY.

Total of sale \$1,217.00  
Average 35.75

## Hammer Makes Good Sale.

The sale of Duroc Jersey bred sows made by Mr. John Hammer at Greenwood, Neb., January 17th, was quite a successful one for an early sale and everything was sold at a very satisfactory price. Colonel Callahan conducted the sale in his usual able



## SEED CORN AND GARDEN SEED SHIPPED ON APPROVAL. A "SHOW ME" PROPOSITION.

Lots of people write in and say, "These seed men have got to show me before I will believe that they have anything that will increase my yield of corn." And I don't know as I blame you, either. There are shysters in the seed business the same as in law and medicine. The woods are full of them. They are always mighty careful to get your money in advance and then they let you holler.

But suppose you had a chance to see the stuff first and take it home and test it, and go over the whole matter carefully before you paid a cent? Wouldn't that make it a pretty safe sort of a deal?

This question of moving seed corn all simmers down in the end to whether it's corn that's worth moving in the first place. You know and I know that lots of it ain't worth moving.

It's got to be "real seed corn" to start with. And it's got to be a sort suited to the soil and climate where it's going, and that's the highest point of any.

The trouble is, when you send off for seed corn, you don't generally consult the seed breeder as to what kind you ought to have. You just pick out the one that looks prettiest in the pictures—and maybe it's the right one and maybe not.

But the experienced corn breeder if he knows his business could tell you which kind is best suited to your soil and climate. It's his business to know. He knows the peculiarities of the different breeds of corn, and about what they would do under given conditions.

Now, for instance: I have thousands of letters filed away, reports from customers about the corn they have bought of me. By comparing these reports with their old orders I can tell what my corn will do in any state from Nebraska to Virginia—and what's more, I will give you the benefit of this. I will tell you truthfully what kind of corn will do best for you and about what you may expect.

I have proven conclusively that there is not a county in the corn belt that could not profitably use some one or more of the twenty varieties of corn I am breeding. I've got the letters to show for it.

Same way with garden seeds. I have been a trucker and seed grower all my life, and I can tell you what varieties you should grow. I am corresponding all the time with gardeners all over the country—they tell me their troubles and I tell them what to do.

Now, look here, Mr. Man. If I could furnish you seed that would increase your yield of corn twenty bushels, or even ten bushels to the acre, what would it be worth to you? And if that seed was good enough that you could sell seed to all your neighbors next

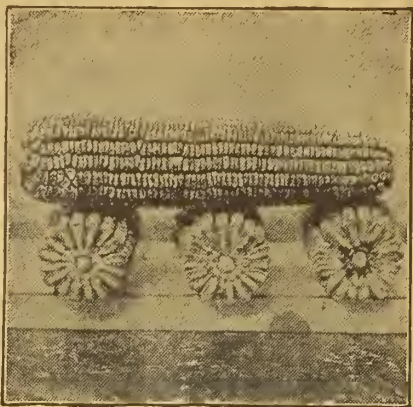
Acres to plant.....Nature of land .....

Color and type of corn preferred.....

Postoffice..... County..... State.....

Please ship me seed corn enough to plant the above. I will pay the freight on it, and, if it suits me, will pay for it within ten days after arrival at the rate of 30c. per acre. If, after a reasonable time for examination and test, I conclude the seed would not suit me, I will return it promptly at your expense.

Name.....R. R. Sta. ....



spring, how much more would it be worth?

I can do that very thing, and have done it for dozens of men right in your own part of the state.

I want to plant a field for you, just to "show" you. Anything from one acre to forty acres. Write me what kind of ground you have to plant it on, and what type of corn you prefer. I will ship you enough of my very best graded seed to plant it. If you like the looks of it, send me at the rate of 30 cents an acre. If it don't suit, ship it back, and I'll pay freight back on it.

I will send you corn that I know positively will be a winner with you. Corn that will increase your yield and the quality of the crop. I won't make much out of the deal—not near as much as you will—but I'll have the satisfaction of "showing you" anyway, and that's worth something.

This ad will not appear again. Now is the time to speak up if you want to get in on the deal. Fill out the coupon, so I will know what to send you.

Be sure and tell me where to ship it to, and how, whether express or freight.

Address me this way,

HENRY FIELD, SEEDSMAN,  
Box 25, Shenandoah, Iowa.

P. S.—If you want some really good garden seeds, or the madame wants some flower seeds that will really bloom, send me a list of them, and I will ship them along with the corn, and on the same terms, "pay if you like 'em." I've got the other fellow beat a mile on that kind of seeds, and I am not afraid of a show down.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### LIME-SKIM MILK APPLICATION FOR FRUIT TREES.

The good results of applying a coat of whitewash to the fruit trees in the orchard are generally known, in farm orchards as well as in commercial ones. As a rule, the plain lime whitewash is used, but as it does not remain long on the trees when the spring weather commences its lasting qualities are not the very best. It is often necessary to go over the trees twice where one application of some good wash that will stay will suffice.

In this connection, we might say that a very good mixture for this purpose, and one that has been found highly successful on a great many farms, is made from lime and skim milk. The lime is slacked in the ordinary way, and instead of being thinned with water it is thinned with skim milk. The mixture is then applied as any other whitewash, and it is found to "set" much more firmly and securely than the plain wash.

The advantage of the skim milk over water is not easily explained. However, it seems that the case in the skim milk tends to produce a more elastic wash and it seems to be more impervious to the elements.

This skim milk paint, as it is called, seems to be nearer a paint than any of the water mixtures for this purpose. We have seen buildings painted with this admixture with very good results, and it seemed to last fully as long as some paints, at the same time it was a great deal cheaper.

Applying a white mixture to the trunks of trees often prevents borers from doing damage to the orchard. Another good result is that the white trunks reflect the heat of the stimulating spring sun which prevents early budding of the fruit trees.

### The Shaping of Orchard Trees.

There is considerable difference of opinion among good orchardists as to high or low heading of trees. The most favor low heads, especially for the western states. While many good orchards are headed four and more feet high in Pennsylvania and farther east, there are many very good ones that are not so. The general tendency among the best fruit growers is towards lower heads in all sections. No rule can be laid down as to any specific height at which to head all varieties of any one species, much less a common rule for all species, because there are such different styles of growth. I like an apple tree to start its head from two to three feet from the ground, and to send out its branches one after another on all sides of a central stem as far up as they may be induced to do so. This divides the strain caused by future crops. A Northern Spy tree, which is of upright habit, should not be allowed to begin to branch as high as a Winesap or a Rhode Island Greening, which are of spreading habit. It may be necessary, in many cases, to head in some of the lowest branches, as their tips are bent to or nearly to the ground in future years. But this is much better than to have the tree too high.

The main reason given by most of those who contend for high heads is that they may plough right up to the trunks. This I do not wish to do after the first few years, for there is no benefit in doing it. The feeding roots are not there, and the brace roots should not be disturbed. No weeds of consequence can grow under the shade of a well-branched tree. A wide cultivator will reach well under the limbs anyway. The disadvantages are greater difficulty in gathering the fruit from high trees than from low ones; greater distance of shade cast by them, and more purchase by the wind. One must use good judgment in planting the different classes and varieties of fruit trees. He must know his tree, what is its habit, therefore, its possible future. Pear trees should be headed lower than apple trees, because they generally have a more upright habit. Two feet is not far from right to begin their branching. Peach trees should be still lower—about twenty inches is an approved height. Plums vary greatly in

# Hoes

You can do twice the work with some hoes that you can with others.

Any boy that ever hoed a potato patch knows the difference.

The right kind of a hoe is neither too large nor too small; not too heavy or too light. It is just the proper size and shape to do the kind of work it is intended for. Its quality is excellent and its hang is accurate.

Hoing becomes agreeable work when you have the hoe that fits your hands and the work you have to do. There are just such hoes made.

Ask Your Dealer For

## TRUE TEMPER

Hoes

True Temper Hoes like the Forks, Rakes, Potato Hooks and all other farm and garden hand-tools that bear the label are "The best tools you have ever bought at the same prices you have always paid."

If they had not been tested for quality and construction by the most severe methods at the factory, they wouldn't be allowed to wear the label.

Remember there's a tool for every kind of work.

And you'll save time and money by using the right kind of a tool every time.

Let us tell you more about that. Just ask on a postal card for our free book, "Tools and Their Uses," and it will be sent to you at once.

**American Fork & Hoe Co.**  
435 Am. Trust Bldg.  
Cleveland, Ohio

## The Maule Seed Book FOR 1907

contains 63 Specialties in Vegetables, 69 in Flowers, besides everything else good, old or new, worth growing.

You need it. It is free to all sending me their address on a postal.

**Wm. Henry Maule** 1757 Filbert Street Philadelphia, Pa.

## SEED CORN

### Golden West

The latest novelty, and decidedly the best yellow corn in existence. It combines all the most desirable characteristics. Is the best rooted, the strongest growing and most productive. Ear large, bright golden yellow, solid and perfect shape. Notice in above cut that ears about the same size at both ends; see how nicely it is capped over at both tip and butt, and how closely the kernels wedge in; grain is deep and cob small. Per bu. \$3.00, 10 bu. \$17.50.

**FREE TO FARMERS**—A small sample of this corn will be mailed free if you mention this paper. Also a copy of our large, illustrated catalogue describing the above and all the best varieties Seed Corn and Farm and Garden Seeds.

**IOWA SEED COMPANY, DES MOINES, IOWA.**

**SALESMEN WANTED** to introduce Burbank's wonderful seedling plum, Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Mich.

style of tree. The Abundance and nearly all of the Japan class are very upright, while the Burbank is very drooping. The other classes of plums vary somewhat, too, but the native kinds are usually spreading and the European upright. From twenty inches to three feet is about the range for length of

## SEED CORN SOLD ON APPROVAL

Test it any way you please for ten days. If not perfectly satisfactory, return at our expense and money will be refunded. Best and largest yielding varieties: Sutton's Improved Boone Co. White; Sutton's Favorite White; Reid's Yellow Dent; Gold Standard; and Premium Yellow Dent. All corn carefully selected, placed in our mammoth dry house and perfectly dried with steam pipes and air shafts. From 600 acres we selected 8000 bushels of fine seed ears. When sold we quit, so order now. We handle no outside corn. Shipped in the ear (Bushel box crates) or shelled. All shelled corn nubbled at both ends and graded. Has highest germinating power, and stands cold spring rains better than common corn. Letters from Iowa, Missouri, Ohio and Illinois this year, state that our corn out-yielded all other, making from 85 to 125 bushels per acre. Send for catalog and read these letters signed by the parties raising the corn. The actual test is what talks. My seed corn may double your yield. Write for illustrated Seed Corn Book and samples. Free. Address: My ad will appear every other week. **C. D. SUTTON, Dept. D., Mason City, Ill.**

## FOUR EVERGREENS FREE

We grow our Hardy "Blizzard Belt" Evergreens in ten million lots. To prove they are healthy, well rooted and vigorous we offer to send Four Fine Sample Trees, 3 years old Free to a limited number of property owners. Mailing expense 5 cts which send or not as you please. A postal will bring them. Our Catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Evergreens, Ornamentals, etc., with a mine of valuable information for fruit growers, free for the asking. Write to-day.

**THE GARDNER NURSERY COMPANY, Box 702, Osage, Iowa.**

## The BURPEE IDEA

is "to try all things, hold fast to those that are good,—and then make them better!" If you would have pleasure or profit from your garden you should plant

### the BEST SEEDS that Grow!

Shall we mail you a copy of "The Leading American Seed Catalog"? It is an elegant book of 200 pages and is mailed only to those who can appreciate the **BURPEE QUALITY** in Seeds. Most Important Novelties for 1907,—including the two most remarkable "New Creations,"—which can be had only direct from us. **Write TO-DAY!**

**W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA, PA.**

## RATEKIN'S SEED CORN

148 bushels per acre; the kind that will please you. Makes bushels where other sorts yield pecks. It's the kind that pays to plant. Change your seed and grow two bushels where you now grow but one. Write for our big Catalog. It tells you all about every farm, field and garden seed and crop that grows. A postal card will bring it, **FREE.**

Address, **RATEKIN'S SEED HOUSE, SHENANDOAH, IOWA.** (The largest seed corn growers in the world.)

## GRAIN FREEMAN BROS. & CO., HAY

COMMISSION MERCHANTS,  
Established 1886, 66 Board of Trade, Chicago,  
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.



trunks, to be judged according to the necessities. Cherries are very much the same as plums, the sour kinds being of a spreading habit. Quince trees of all varieties that I know are prone to bend towards the ground, and need to be headed about two feet high, and then frequently pruned from below to keep the lower branches off the ground.—(H. E. Van Deman in Rural World.)

### HORTICULTURAL NOTES.

We have seen a man shooting woodpeckers because they made holes in his apple trees. The woodpeckers are his true friends. They would never make holes in his trees if there were no borers there.

He may be compared to our old neighbor who killed lady bugs under the supposition that they were the parents of potato beetles. The lady bug is the natural enemy of the potato beetle and destroys its eggs and young, thereby greatly decreasing the ravages of this pest.

The colder weather of the last few days will destroy a great many of the insects which are hibernating outdoors. Many insects are destroyed by cold ev-

ery year. A really mild winter would be followed by a great increase of various insects.

A thermometer on the porch is quite a convenience in cold weather. A thermometer in the cellar is much more practical, especially if it is consulted faithfully. Whenever the mercury approaches the danger mark artificial heat or added protection should be supplied. Guess-work is not safe here.

Now is the time to plan and prepare for the season's spraying. When the purchase of outfits, repairs and materials is put off until the last moment disappointment is liable to result, for the factories are usually overworked at that time. If the work is done a few days after the proper time it might as well not be done at all.

A neighbor had a Bokhara peach tree which bore over a bushel of fine peaches last year. The tree had been laid down during the previous winter. Another neighbor had a good many peaches without having protected the trees in any manner. Last year was an especially favorable one for peach trees in many parts of the corn belt. We are anxious to see whether laying down will save the trees when we have a severe winter again.

We have seen a number of lawns which were covered with a coat of fine manure last fall. We predict that these same lawns will be covered with a coat of fine grass next summer.

A friend of ours told us a few days ago that his county produced an abundance of apples last year, and that those who did not spray had almost as good apples as many of those who did. This does not speak well for some of those who sprayed. Those men with their hundred and two hundred-acre orchards go at their spraying with a whoop and hurrah and a "get done in a hurry." Such methods will not make spraying a success.

Early spring may not be theoretically the best time to prune fruit trees—in fact, many persons claim that June is the proper and only time. But we know that no busy farmer has time to prune trees in June. The fact is that the trees will be pruned before field work has begun or not at all. We have pruned in March for many years and the work has been very satisfactory. We have also pruned in June and July and the trees show no mark of injury. A man with age and experience once said: "The time to prune is when you can do the work and have a sharp saw." It seems that there is much truth in the statement.

### Preventing Destruction by Rabbits.

To the Editor of The Homestead: Thousands of apple trees are killed annually by rabbits, and there are so many ways to keep them from it. My way of protecting them suits me better than many ways I have tried, because I never have lost a tree since I commenced.

Here it is: Simply paint the trees or spray them with blood two or three times during the winter. If an open winter and lots of rain paint the trees oftener than this. One can go over 200 trees in thirty minutes. When the or-

## A COMPLETE HOME VINEYARD FOR \$2.48

We grow and sell good trees. You do not know this, and we cannot convince you unless we can get a trial order. In order to get started we will offer you 75 First Class Grape Vines of the following varieties: 50 Concord, the old reliable; 10 Moore's Early, large and early; 5 Agawam, the best red; 5 Niagara, the best white; 5 Catawba, old, but good. These vines are extra good, and it is because they are sure to please you that we want to put them in your hands. This selection will make you a nice home vineyard. The vines alone are well worth the price asked, but we will add free to you 24 Raspberries (12 Gregg, black; 12 Cuthbert, red) 24 Blackberries (12 Snyder, 12 Ancient Briton) 25 Asparagus, Conover's Colossal. We will deliver these free of all transportation charges if you live in Iowa, Nebraska, Kansas, Illinois, South Dakota, Wisconsin, Oklahoma, or Missouri. Persons living in other states should send fifty cents more.

**A PREMIUM FOR QUICK ACTION.** If the order is sent on or before Feb. 25 we will send you all the above vines and bushes and roots, and also free of cost to you the following line roses: 1 Crispin Rambler, finest climber; 1 Prairie Queen, an old favorite; 1 General Jacqueminot, nothing better; 1 Madam Plantier, large double white; 1 Black Prince, very dark red; 1 General Washington, very fine crimson. **BETTER STILL** if money is remitted on or before Feb. 15, we will send you all the above list of vines, bushes, and roses, and besides free of cost, 50 Strawberries, two good kinds. The strawberry plants will be sent you by mail. The other goods by express or freight.

**NOW REMEMBER**, the complete vineyard, the 100 Berry Bushes and Plants, the 25 Asparagus, and the 6 fine Roses all for \$2.48, all charges prepaid. A great and generous offer! Write quickly. **DO IT TODAY.** References: Iowa Trust and Savings or Capital City State Bank, both of this city.

**IOWA NURSERY CO., BOX 162, DES MOINES, IOWA**

### SORT YOUR SEED CORN.

Use Delany's Seed Corn Sorter and get a perfect stand. Hundreds have used it with remarkable results. It costs \$2.75, makes positive separation, is easy to operate and has large capacity. It increases the yield from 15 to 20% and lasts a lifetime. The increased yield from one acre will more than pay for it, not counting the time saved in planting. It not only grades the seed, but removes all dirt, chaff, butts and tips that clog the planter. Send for free Seed Corn Booklet C, showing our line of sorters. **Get your orders in early.**

**J. F. DELANY, COLONA, ILL.**

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

**Box 16 W. W. VAN SANT & SONS Farragut, Iowa.**

chard is drifted full of snow put a little blood on parts not covered. Try it. Fayette county, Iowa. G. B. Darnell.

### Maintenance of Soil Fertility.

Mr. E. F. Ladd, of the North Dakota Experiment Station, reports experiments and observations which lead to the conclusion "that humus, at least in regions of low annual rainfall, like the Dakotas, plays a more important role in agriculture than has generally been ascribed to it." It may safely be said that this is generally true. Professor Ladd's investigations show that as humus decreases in soils they become less productive, less retentive of moisture and inferior in physical quality, while on the other hand it was found that an increase in the percentage of humus is accompanied not only with an increase in percentage of phosphoric acid extracted from the humus, but also with a greater productivity of the soil. As the humus increases it seems to cause portions of the phosphoric acid, till then existing in an insoluble form, to become transformed into a soluble form, and thus, presumably, to become more readily available as plant food. The same is true as regards the potash, lime, and other soil constituents. If more attention were given to maintaining an abundant supply of humus (partially decayed organic matter) in soils, they would be more productive, require less artificial fertilizing, and respond more

**GOOD SEEDS CHEAP**

**BEST EVER GROWN**

A wonderful big catalog **FREE** Full of engravings of every variety, with prices lower than other dealers'. Oldest reliable seed grower in America. No old seed. All fresh. They will grow or will refund money. **Big Lot Extra Packages Free with Every Order.** Send yours and your neighbor's address. **R. H. SHUMWAY, Rockford, Illinois.**

## A Tuber FREE OUR CATALOG

We offer to our customers without charge a potato which recently sold in England for \$1.246 a single tuber.

Our catalog (FREE) contains many varieties of vegetables which we were first to introduce. Of these we endeavor to keep a pure stock. All our seed is tested. Plain instructions are given for cultivation.

**J. J. H. GREGORY & SON, MARLBOROUGH, MASS.**

### Jewell Seeds and Trees

1200 acre nursery and seed farm, founded at Lake City in 1888 by Dr. P. A. Jewell. Send postal card for Free 132 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

**THE JEWELL NURSERIES, BOX 16 LAKE CITY, MINN.**



Buddy K. IV., one of the most noted Duroc Jersey boars in America, the property of Mr. Ed A. Baxter, of Pawnee, Ill., who announces the dispersion of his herd on another page of this issue. This noted show and breeding boar will be sold to the highest bidder, without reserve, at Pawnee, Ill., on Wednesday, February 6th. See field notes.

**GRASS SEED GRAIN**

Timothy, Clover, Blue Grass, Oats, Barley, Speltz, Millet, etc. Stocks are large now, can give you the best at the lowest figure. Prices are bound to advance. Send for our illustrated catalog. Figure what you will need, then ask for samples and prices. Wholesale price list sent any day giving you the latest prices.

**CATALOG AND SAMPLES FREE**

**A. A. BERRY SEED CO. BOX BY, CLARINDA, IA.**

**A BIG GARDEN**

The year of 1906 was one of prodigious plenty on our seed farms. Never before did vegetable and farm seeds return such enormous yields.

Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid:

- 1 pk. Garden City Beet . . . 10c
- 1 " Earliest Ripe Cabbage . . 10c
- 1 " Earl's Emerald Cucumber 15c
- 1 " La Crosse Market Lettuce 15c
- 1 " 18 Day Radish . . . 10c
- 1 " Blue Blood Tomato . . . 10c
- 1 " Juley Turnip . . . 10c
- 1000 kernels gloriously beautiful flower seeds . . . 15c

**Total \$1.00**

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 15c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant, nursery stock, vegetable and farm seed and tool catalog.

This catalog is mailed free to all intending purchasers. Write to-day.

**JOHN A. SALZER SEED CO., La Crosse, Wis.**

**Oats**

Largest Growers of Oats, Farm and Vegetable Seeds in America.

**FREE**

Our mammoth 148-page Plant and Tool Catalogue is mailed free to all intending buyers, or send 6c. In stamps and receive free samples of new Two Foot Long Oats and other cereals and Big Seed Catalogue Free.

**JOHN A. SALZER SEED CO. La Crosse, Wis.**

Ferry Seeds are not an experiment, but with proper cultivation, they assure success from the start. Users have no doubts at planting nor disappointments at harvest. Get

**FERRY'S SEEDS**

for biggest, surest, best crops—at all dealers. Famous for over 50 years. 1907 Seed Annual free on request.

**D. M. FERRY & CO., Detroit, Mich.**

generously when commercial fertilizers are used. To keep the soil in the best chemical and physical condition Professor Ladd maintains that a system of rotation should be practiced, which alternates humus-producing with humus-consuming crops. Two of the former to three of the latter should, with proper cultivation, maintain the soil in the highest state of productivity. In fact, Professor Ladd claims that "soils fertile by nature, such as the Red River



# IOWA CLOVER

Tested for germination and purity.

OUR "PURITY BRAND" is guaranteed free from Quack, Mustard, Canada Thistle, etc. Absolutely the best. Home grown Medium Red, Mammoth and Timothy. Also Alsike, White Clover, Alfalfa, Blue Grass, Genuine Dwarf Essex Rape, Adams' ENGLISH OATS, and field seeds of every description. Pure bred SEED CORN, Garden and Flower seeds. Get our catalog.

THE ADAMS SEED CO., - DECORAH, IOWA


## THE NEW IDEAL Seed Corn Tester

No more cigar box, tin plate and blotting paper seed corn testing. The New Ideal Corn Tester solves the whole problem. It is endorsed by Professor Holden and every other corn expert in the central West. It tests thoroughly enough corn for forty acres each time. The season for testing is at hand. Write at once for catalog to

Ulbrich Seed Corn Tester Co.,

Atlantic, - - - Iowa

## Spray Your Fruit Trees AND VINES



Destroy the fungi and worms, and thus be sure of large yields of perfect fruit.

**Excelsior Spraying Outfits and Prepared Mixtures** are used in large orchards and highly endorsed by successful growers. Write for our money-saving catalog, which also contains a full treatise on spraying Fruit and Vegetable crops.

**WM. STAHL SPRAYER CO.,**  
Box 106-P, Quincy, Ill.

# SEEDS

All the best novelties and standard sorts of Garden and Farm seeds. Send for handsome, illustrated catalogue of Seeds, Plants, Poultry Supplies, Nursery Stock, etc., and special Bargain List of Vegetable and Flower seeds at 2 cents per packet and upwards. Mailed to you, if you mention this paper.

**IOWA SEED CO., Des Moines, Iowa.**

**TREES THAT GROW**

Apples 4c, Peach 5c, Plums 12c, Cherries 15c. Best quality stock, not seedlings. Concord Grapes 2c. Forest Tree Seed. Our lings \$1.00 per 1,000 up. We pay the freight.

**GERMAN NURSERIES & SEED HOUSE**  
**CARL SONDEREGGER, Prop.**

We have a complete line of Vegetable, Flower and Farm Seeds. Our large illustrated catalog free.

**GERMAN NURSERIES,**  
Box 12, BEATRICE, Neb.

## We Have a Limited Amount of HOME-GROWN NEW ALFALFA

At \$10.00 per Bag of 60 lbs.  
ALSO MEADOW FESCUE OF  
Our Own 1906 Raising at \$6.00 per 100 lbs.

**WM. ERNST & SON,**  
Tecumseh, Johnson Co., Nebraska.



**APPLE, PLUM, OR PEACH TREES**

**50 FOR \$2.50**

For particulars send for Green's Free Fruit Guide and Catalog, and we will mail you also a sample copy of Green's Big Fruit Magazine.

**GREEN'S NURSERY CO., Rochester, N. Y.**

Mention this paper and get 100 pages Fruit Book Free.

## WRAGG TREES

**WE PAY FREIGHT.**


SELL direct, guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

**M. J. WRAGG NURSERY Co.,**  
330 GOOD BLOCK, DES MOINES, IA.

# CLOVER


Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.

**IOWA SEED CO., Des Moines, Iowa.**



**HEALTHY TREES** HONEST IN QUALITY  
**WE PAY FREIGHT**

Grafted apple 4c, budded peach 4c, budded cherry 15c. Concord grapes \$2 per 100. Black Locust \$1 per 1000. Complete colored cat. free. Galbraith Nurseries, Box 82, Fairbury, Neb.



**STARK NURSERIES** sell Direct  
pay freight, give FULL value

Founded 1825. Large NEW Fruit Book free. **STARK BROS., Louisiana, Mo.**

Valley soil, should, under a system of agriculture, as indicated above, yield good crops without the aid of commercial fertilizers for a thousand years. This assumes the proper use of all barn manures and the prevention of unnecessary loss from the soil. A proper system of crop rotation should result in enriching the surface soil with plant food rather than in depleting it, and especially should this be true for nitrogen and humus." On the other hand the continuous growing of wheat or other grains or cultivated crops rapidly diminishes the supply of organic matter and hence decreases the humus and nitrogen. The growing of leguminous plants—clover, peas, etc.—which are nitrogen accumulators, in a crop rotation causes a marked increase of humus and nitrogen in the soil. In North Dakota experiments the plowing under of green crops did not produce as beneficial results as came from the breaking of grass lands. "Plowing under a green crop leaves the organic matter in a mass and not uniformly distributed throughout the soil. Soils filled with a mass of grass roots furnish, in all parts of the soil, a uniform supply of organic matter, which by gradual decay furnishes the soil humus. This humus, reacting upon the mineral constituents of the soil, seems to aid in liberating and rendering available this plant food." Moreover, the newly broken soil being permeated by a mass of fine grass roots is thus protected from being drifted by the wind. The system of rotation recommended as most nearly ideal for the maintenance of the fertility of the soil is "two years in grass, followed by a cultivated crop, then two years in grain crops."

The continuous growing of wheat or other grain or of a cultivated crop not only rapidly depletes the soil of organic matter, but causes the rapid formation of nitrates, which are likely to be washed down in the soil below the reach of the roots of the plants. In Professor Ladd's experiments the largest amount of nitrates was found at a depth of three feet in bare fallow, while at a depth of seven feet the amount of nitrates was larger than at a depth of one foot. Since no nitrifying organisms were found in the soil at a greater depth than two feet, it is evident that the nitrates found at a greater depth than this were leached down from above. The importance of a proper rotation and of catch crops to take up and hold the nitrates is thus clearly shown.

### The Garrett Duroc Jersey Sale.

Some new history was made in Duroc Jersey circles last week at the sale of Mr. F. E. Garrett, of Lohrville, Iowa. On that date twenty-nine head sold for \$7,085, or an average of \$177.12. Ruberta, the winning junior yearling sow at Iowa State Fair in 1906, went to Mr. C. F. Kirk, of Ponca, Neb., at \$1,500. The following is a list of the purchasers and the prices paid:

Lot.	Price.
3. Dr. J. A. Downes, Glidden, Iowa.	\$107.50
1. Easton Bros., Galva, Iowa.	100.00
4. O. L. Mossman, Polk City, Iowa.	100.00
5. C. F. Kirk, Ponca, Neb.	1,500.00
6. Gus Bruger, Lake City, Iowa.	160.00
7. W. H. Hudson, Lohrville, Iowa.	620.00
13. Same	105.00
8. E. F. LaRue, Lyons, Neb.	110.00
9. W. A. Peterson, Lyons, Neb.	200.00
20. Same	105.00
26. Same	50.00
Ruth G. 2d., Pittman Bros., Lohrville, Iowa	540.00
11. F. J. Clouse, Clare, Iowa.	130.00
10. S. L. Hopper, Neola, Iowa.	100.00
42. Edmonds, Shade & Co., Kingsley, Iowa	300.00
12. A. E. Poush, Chariton, Iowa.	250.00
14. Roy West, Bondurant, Iowa.	115.00
34. Same	107.50
35. Same	62.50
15. S. A. Jones, Lohrville, Iowa.	160.00
41. Chas. Jones, Rockwell City, Ia.	145.00
16. W. J. Hartung, Maxwell, Iowa, and Roy West, Bondurant, Ia.	305.00
17. Manley & Co., Lyons, Neb.	200.00
38. Same	100.00
40. Same	50.00
19. Wm. Banks, Burt, Iowa.	125.00
36. John Tryon, Lyons, Neb.	225.00
27. Same	80.00
31. L. H. Roberts, Paton, Iowa.	105.00
25. A. I. Conklin, Radcliffe, Iowa.	55.00
22. A. L. Lynch, Mt. Airy, Iowa.	75.00
39. A. L. Mossman, Radcliffe, Iowa.	45.00
30. Same	75.00
32. A. J. Vioska, Pocahontas, Iowa.	41.00
23. John Redinus, Lohrville, Iowa.	37.00
My Choice, J. B. Clark, Lohrville, Ia.	68.50
18. A. J. Reisser, Sanborn, Iowa.	260.00
24. Same	36.00
33. Same	30.00

Prof. R. J. Kinser of the Kansas Agricultural College will be one of the stock judges at the Denver Stock Show.

**Wanted:** Two married men for orchard and farm work. Separate house and garden for each. No house fighters or cigarette fiends need apply. Address, N. C. Dunlap, Manager Watson's Ranch, Kearney, Nebraska.

# Why Don't You Ride When You Harrow?



No Use Walking When You Can Buy a

## Rock Island Harrow Cart

Delivered at your R. R. Station For..... **\$8**

If Your Dealer Can't Supply You Send to Us.

## REAL HARROW COMFORT

Plowing is about the easiest work on the farm, but how many successful Farmers to-day use *Walking* plows? You don't—do you? No; horses are too cheap and life too short to wear your legs out following a plow all day.

You ride when you plow; you ride when you plant; you ride when you cultivate. Well, then, why don't you ride when you harrow?

Is there any reason on earth why you should continue to make this work the hardest kind of drudgery by *walking* over plowed ground?

Or riding one of those crude carts that twist and turn and jerk you about until you wish you *had* walked?

No, Sir,—there is no longer any excuse for saying that "harrowing is the hardest work on the farm."

The new Rock Island Two-Wheel Cart has changed all that.

It offers you a pleasure you never enjoyed before—a ride behind a drag harrow that is just as comfortable as a ride on your Sulky or Gang Plow or your Cultivator.

LOOK at the man in the picture above. He's riding a Rock Island Cart, and he doesn't look a bit more comfortable and easy than he feels.

The feature that adds most to his comfort is the fact that he always faces the horses, no matter which way the wheels may be angled. Think what *that* means!

The swinging back and forth of the axle doesn't affect the driver a bit.

This is why: The platform for the seat is made of two circular plates, lower plate being bolted solidly to the axle.

Seat and foot-rest are both fastened to the upper plate which can turn on the lower plate.

An automatic locking device, similar to that used on the rear wheel of a Sulky Plow, holds the parts in position while the cart is being drawn straight ahead.

But permits the wheels to angle either way while making a turn, or when either of them strikes an obstruction, without disturbing the driver in the least.

This feature is exclusive with the Rock Island Cart. No other harrow cart has it.

## AN IMPORTANT IMPROVEMENT

One serious trouble with two-wheel carts is that in striking an obstruction which throws one wheel behind the other, the wheels do not quickly return to their correct position, but frequently slide along for quite a distance. This is why nothing of this kind can possibly happen with the Rock Island Cart!

The draw-bars are crossed and pivoted at the axle. While the axle can swing freely when one wheel of the cart strikes an obstruction, or when making a short turn, the axle and wheels are always perfectly controlled by the draw-bars in the same manner as the front wheels of a wagon are controlled by the tongue.

## SAVES YOU HIRED HELP

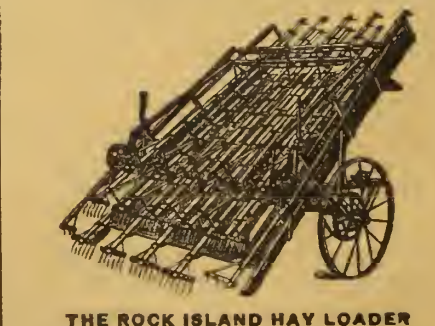
A boy at \$8.00 or \$10.00 a month with a Rock Island Two Wheel Cart will do as much harrowing as a man at \$25.00 or \$30.00 will do without the cart. You, therefore, actually save the price of this useful implement two or three times over in a single month.

And when you consider that the Rock Island Cart will last ten or fifteen years, you see that the price, \$8.00, means an investment of 50 to 75 cents a year. Can you point to any other labor saving implement on your farm that pays you as big a dividend as this? Think it over, Neighbor!

## WE'LL DO THIS FOR YOU


We are manufacturers of all kinds of Farm Implements, selling only through **Regular Implement Dealers.** But we want you to have a chance to buy this Harrow Cart, and if your dealer won't get one for you, just send us \$8.00 and we will ship you a cart. We will pay the freight on it to your nearest R. R. Station ourselves. Send the price, \$8.00 at once, or if you want to know more about the Rock Island Two-Wheel Harrow Cart, before you decide to buy, we will be glad to send to you a

## DESCRIPTIVE BOOKLET FREE



**THE ROCK ISLAND HAY LOADER**

A complete machine, raking hay from the swath with out the use of any other tools or appliances. Send for full description.



**BULLY BOY CULTIVATOR**

Frame all in one piece. Rigid or Pivot pole. Full description for the asking.

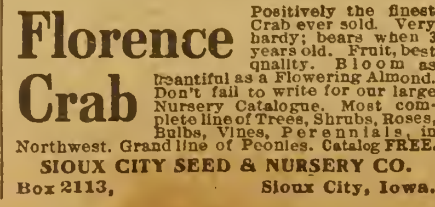
We are spending thousands of dollars telling the Farmers about the Rock Island Two-Wheel Cart, and we want every one of them to know just how good it is. Ask us questions. Let us hear from you. Write today, if your dealer can't show you the cart.

Full information about the cart is absolutely **FREE.** If, in addition to information about the cart, you would like to have a pretty watch charm, enclose 6 cents in stamps to pay postage and *always* mention this paper.

## ROCK ISLAND PLOW COMPANY, ROCK ISLAND, ILL.

MAKERS OF A GENERAL LINE OF FARM IMPLEMENTS.

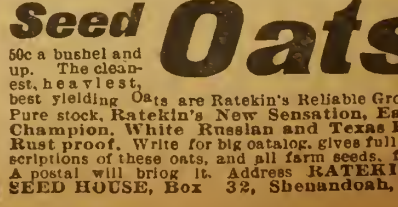
Including Plows, Disk Harrows, Planters, Cultivators, Hay-Loaders, Etc.



**Florence Crab**

Positively the finest Crab ever sold. Very hardy; bears when 3 years old. Fruit, best quality. Bloom as beautiful as a Flowering Almond. Don't fail to write for our large Nursery Catalogue. Most complete line of Trees, Shrubs, Roses, Bulbs, Vines, Perennials, in Northwest. Grand line of Peonies. Catalog **FREE.**

**SIoux CITY SEED & NURSERY CO.**  
Box 2113, Sioux City, Iowa.



**Seed Oats**

50c a bushel and up. The cleanest, heaviest, best yielding Oats are Ratekin's Reliable Grown. Pure stock. Ratekin's New Sensation, Early Champion, White Russian and Texas Red Rust proof. Write for big catalog, gives full descriptions of these oats, and all farm seeds, free. A postal will bring it. Address **KATEKIN'S SEED HOUSE, Box 32, Shenandoah, Ia.**



# Boo Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

**Fleming's Spavin Cure (Liquid)** is a special remedy for soft and semi-solid bluishness—Boo Spavin, Thoroughpin, Splint, Curb, Opped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be imitated. Easy to use, only a little required, and your money back if it ever fails.

**Fleming's Vest-Pocket Veterinary Adviser** describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

**FLEMING BROS., Chemists,**  
210 Union Stock Yards, Chicago, Ill.

## ABORTION CURED

Failure to Breed

## OR MONEY BACK

Our 15 years success proves Contagious Abortion Curable

### KELLOGG'S CONDITION POWDER

insures healthy offspring, prevents scours in calves. Keeps stock in perfect health. Makes dairymen money by more and better milk and butter. Destroys the effect of garlic.

Best known breeders testify to its success. Send for their testimonials and FREE book on Abortion. Guaranteed for cows, horses, hogs.

In writing state number of animals in the herd and their general breeding condition.

**H. W. KELLOGG CO.** 946 Iglohart Street  
ST. PAUL, MINN.

## AN INFLAMED TENDON NEEDS COOLING.

# ABSORBINE

Will do it and restore the circulation, assist nature to repair strained, ruptured ligaments more successfully than Firing. No blister, no hair gone, and you can use the horse. \$2.00 per bottle delivered. Book 2-C Free.

**ABSORBINE, JR.,** for mankind, \$1.00 bottle. Cures Strained Tendon Ligaments, Varicose Veins, Varicocoele, Hydrocele, enlarged Glands and Ulcers. Allays pain quickly

**W. P. Young, P. D. F.,** 49 Monmouth St., Springfield, Mass

## PREPARED SPRAY MIXTURES

It is a pleasure to spray if our Prepared Spray Mixtures are used. No dirt nor bother in mixing—always ready for use. As you have no waste they are the cheapest. Catalogue describing our full line of Prepared Spray Mixtures mailed free.

**QUINCY SPRAY MIXTURE CO., Box No. 103-Q QUINCY, ILL.**

## Sell 10% More Hogs and Sheep

BY USING OUR



**PIG FORCEP**

Saving pigs and lambs; anyone can use it. Hog Holder holds any size (around upper jaw, hand above) with two fingers. N. R. Hog Tamer stops rooting all sizes. Ear marks and numbers all stock. Price Forcep and Holder, \$1.00; Tamer and Marker, \$1.00, or both \$1.75, guaranteed and postpaid. W. L. Short Mfg. Co. Quincy, Ill.



**HOG HOLDER**

## VETERINARY COURSE AT HOME.

\$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free.

**Ontario Veterinary Correspondence School, London, Can.**

## A. S. ALEXANDER, V. S.

MADISON, WIS.,

Veterinary Editor The Homestead.

CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

# Ice Plows, Ice Tools

The celebrated Wm. T. Wood & Co. make. We carry Ice Plows and Tools in stock ready for prompt shipment. Write for Ice Tool circular.

**C. L. PERCIVAL CO.,**  
1102 Cherry St., DES MOINES, IOWA,

## SORE EYES

Strained, inflamed or diseased eyes, granulated lids, ulcers, cataract, bloodshot eyes, weak, tired or watery eyes, and eyes that ache, use Schlegel's magic eye lotion, a soothing remedy that cures quickly. Write today for free sample bottle and full information. Enclose 2c stamp. Address H. T. Schlegel Co., 1505 Home Bank Bldg., Peoria, Ill.

## KEELEY CURE.

CURES LIQUOR, Neurasthenia, Drug and Tobacco habits. Send for free booklet. Address

**KEELEY INSTITUTE, INC.,**  
708 Fourth St., Des Moines, Iowa

## VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

**HORSES AND CATTLE.**  
Is it injurious to horses to stand in the same barn with cows when there is no partition between them?

As cows are kept for the production of milk, and milk should be protected against entrance of filth and germs, they should always be kept in a clean stable, absolutely separate from horses.

**CRAZY COW.**  
I had a red cow coming three years old running on the meadow and in a five-acre stalk field with the rest of the cattle (nine head). I have been feeding them a little hay and have watered them regularly and salted about twice a week. Last Sunday morning she would not eat and commenced showing all signs of being on a spree. She kept it up a day and a half. Then she commenced to run at everything that came near her, from a chicken up. She would run through any kind of a fence, slobbering all the time, but she never made fight at any person. She seemed to be afraid of a man. She got so vicious by Wednesday and fought the rest of the cattle so that I had to shoot her.

If there is no history of the cow having been bitten by a rabid dog so that she contracted rabies, we should call this a case of brain disease, associated with indigestion or corn-stalk disease. Keep the rest of the cattle out of the corn-stalk field.

**DEATH OF CHICKENS.**  
Can you tell me what ails my chickens? They seem to be healthy enough, but all at once they take sick and die. At first their eyes turn glassy, then they droop for a couple of days and finally fall as if in a fit, kicking around for half an hour and then die. From the time they begin to droop, their feathers seem to turn the wrong way. They have warm houses, get plenty of grit, fresh meat, corn, bone, etc. I thought they might have got some of the rat poison which I have placed about. Would it affect them so? Their combs are also affected during this ailment, and turn a sort of bluish white.

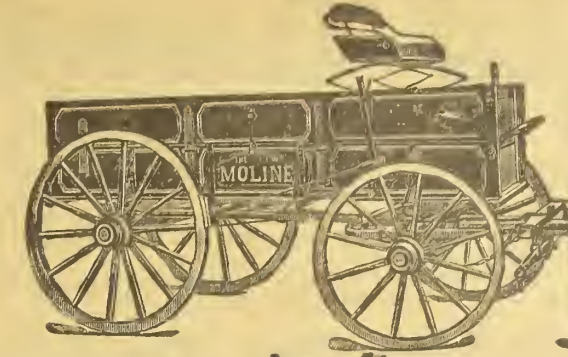
There is nothing in your statement to enable one to tell that disease is killing the chickens, and it is most probable that they have been poisoned by rat poison. Some light might be shed on the mystery by making a post mortem examination. Burn the dead fowls. Clean up, disinfect and whitewash the poultry houses. Keep poison out of the way of chickens.

**TAIL RUBBING.**  
Will you please tell me what is the trouble with my two-year-old horse? He is constantly rubbing his tail, has it stubby looking at his body, and is kicking day and night. When out of the barn loose we do not notice it so much. I cannot see anything wrong. It is not lice or mange. Have had him twice at a veterinary's and he has given him three different treatments for pin-worms, but there was no change. I then drenched him with turpentine and raw linseed oil for worms and am now giving him dram doses, in his oats, of powdered sulphate of iron. I have used a dip, also a strong solution made from home-made soft soap, but from all this I see no change and am about at the end of my row. He is in good flesh and otherwise apparently well. There are six other horses in the stable with him and they are all right. He has been this way all fall.

He has a parasitic disease of the roots of the hair of tail. Stop feeding grain and do not allow him to stand a single day idle in stable. Feed bran, carrots, hay and fodder. Wash tail thoroughly and when dry rub in iodine ointment and repeat this application once daily for four days; then wash again and afterward apply a lotion composed of two drams of ichthyol, one ounce oil of tar, two ounces flowers of sulphur and raw linseed oil to make one pint. Shake well and saturate parts. Repeat the application every three days as long as required. Give him half an ounce of Fowler's solution of arsenic night and morning.

**BYE DISEASE.**  
Can you tell me what is the trouble with my sheep? Their eyes swell and run water, and they get poor and die after lingering for a month or more. Some of them cannot see at times, as their eyelids are swollen and stuck together. They will eat, but never seem to recover from this sickness. Do sheep get the pink eyes the same as cattle?

Sheep get the same eye disease as cattle and it commonly is called "pink eye." The disease is contagious, hence the first step should be to isolate all of the affected animals. Then sponge eyes of unaffected sheep with a 10 per cent solution of boric acid two or three times in one week and watch carefully to see if any should become affected with the disease. Treat affected sheep by sponging eyes once daily with a saturated solution of boric acid; then puff between eyelids a little of a mixture of



## Do You Buy Kiln-Dried or MOLINE Wagons?

**TAKE** a long, slender piece of Hickory that has been air-seasoned from 3 to 5 years. Bring the two ends together—you can do it without breaking or cracking the stick. Then take a similar piece of kiln-dried Hickory and try it. **CRACK! You've broken it!** This simple test tells why we store millions of feet of Hickory and White Oak in our vast drying sheds for 3 to 5 years before making it up into Moline Wagons.

It tells why we are willing to have many thousands of dollars tied up in this reserve stock for years, paying taxes, insurance and other costs, until it becomes thoroughly weather seasoned, with the wear of iron in it. We have the largest stock of Hardwoods in the United States, yet today we're buying green timber right and left, for our 1911 output of Moline's.

If you know of any large tract of Oak or Hickory, we'll thank you for telling us. *We want it.*

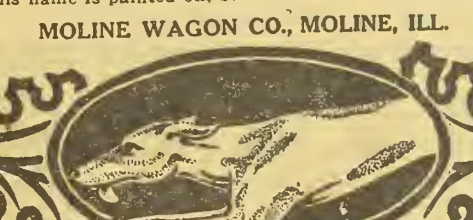
### Air-Seasoning vs. Kiln-Drying

Lumber preserves itself in its own sap, if you give it a few years time, out in the open air. Just let nature alone—that's all. The resinous portion of the sap does the work. It fills and toughens the fibers—makes lumber live, resilient, with practically no limit to its life.

Kiln-drying drives out all the resinous sap—leaves the fibers porous, dead, the prey of quick decay. Kiln-dried lumber absorbs moisture into the empty fiber-pores. *Paint can't prevent it!* Hence, a Kiln-Dried Wagon will warp, crack, shrink or swell. Just as a poor horse soon "eats its head off," so a Kiln-Dried Wagon eats up money in repairs.

There are many more wagon facts you ought to have before buying your new wagon. Get the whole story in our **FREE WAGON BOOK.** Write for it NOW. We pay postage. The Dealer who is particular about the kind of wagon his name is painted on, sells the Moline, the Ironclad.

**MOLINE WAGON CO., MOLINE, ILL.**



## 14 INCH DOUBLE SHIN STEEL BEAM PLOW \$8.65

Made of the best Soft Center Steel all over; highly tempered, finely polished in oil. Guaranteed to satisfy you or money refunded. All sizes, from 6-in. to 18-in. Send for Extra Share \$1.75

**16-Inch Only \$9.25 Extra S.C. Share \$2.**

12 in. Hard Steel Castor-Coupler us what you want and get ready for spring work. With Plow \$1.25 **HAPGOOD PLOW CO.** 306 Front St. Alton, Ill. 13 in. 1.50 The only Plow factory in the United States selling direct to the farmer.



equal parts finely powdered calomel and boracic acid. Feed the sheep generously upon a mixture of whole oats and bran, adding a little flaxseed meal or ground oil cake and, if possible, feed roots, cabbage or silage in addition to the best mixed hay or alfalfa, as it is important to maintain the strength of the sheep.

**The Wheeler Sale.**  
Mr. Wheeler's Duroc Jersey sale at Harlan, Iowa, January 16th, was a complete success from the word go. It was well attended both by local and foreign buyers and was a snappy sale from start to finish. The four high sows sold as follows: \$150, \$150, \$155 and \$185. The entire sale of forty-five head averaged \$56.12. The lowest gilt in the entire consignment sold for \$33. The list of the sale is as follows:  
Lady Wonder 82834, A. N. Voge.....\$185  
Lady Athlete 90132, T. G. Kirchner..... 55  
Lady Wonder 2d 90234, August Sonne-land..... 155  
Lady Wonder 3d 90136, D. R. Wilson & Son..... 150  
Lady Orion 27810, Geo. Nordyke..... 42  
Hayflower 47780, Edmonds, Shade & Co. 55  
Lady Alva 72986, Robt. W. Carson, Jr.. 85  
Sparkle 72920, Geo. Nordyke..... 48  
Miss Banks 58566, J. B. Hyler..... 65  
Miss Onward 72890, Rogers Bros..... 55  
Adaline 72902, C. A. Rasmussen..... 65  
Fine Lady 72908, T. G. Kirchner..... 60  
Lady Belle, Whitehall Farm..... 60  
Lady Belle 2d, John Goddard..... 45  
Lady Belle 3d, T. M. Neal..... 38  
Lady Belle 4th, P. F. Mueller..... 40  
Lady Wonder 5th, James Wittup..... 40  
Lady Wonder 35th, John Goddard..... 66  
Lady Wonder 6th, same..... 33  
Lady Belle 8th, same..... 47  
Lady Belle 9th, T. M. Neal..... 36  
Lady Wonder 8th, Frank Smith..... 33  
Lady Wonder 9th, W. Beaty..... 39  
Lady Wonder 10th, Frank Smith..... 35  
Lady Wonder 11th, John Goddard..... 33  
Lady Wonder 12th, Chas. Snyder..... 33

Lady Wonder 13th, John Goddard.....	56
Lady Wonder 14th, H. W. Boldt.....	33
Lady Wonder 15th, Edmonds, Shade & Co.....	40
Lady Wonder 17th, J. B. Hyler.....	35
Lady Wonder 18th, John Goddard.....	34
Lady Wonder 19th, Edmonds, Shade & Co.....	52
Lady Wonder 20th, Robt. W. Carson, Jr.....	48
Lady Wonder 21st, John Goddard.....	36
Lady Wonder 22d, same.....	40
Lady Wonder 23d, Edmonds, Shade & Co.....	150
Lady Wonder 24th, C. C. Keyt.....	46
Lady Wonder 25th, Robt. Waldo.....	33
Lady Wonder 31st, Robt. W. Carson.....	33
Lady Wonder 26th, W. Beaty.....	35
Lady Wonder 27th, Geo. Nordyke.....	55
Lady Wonder 28th, P. F. Mueller.....	41
Lady Wonder 29th, P. A. Peterson.....	33
Lady Wonder 30th, John Goddard.....	35

**O. E. Olsen's Sale.**  
The sale of Durocs made by Mr. C. E. Olsen, of Colon, Neb., was well attended by breeders and farmers of central Nebraska and everything was sold at a fair price. Although no high prices were paid, everything was sold at a good average. Below is a list of those selling at \$30 and over: Lot..... Price.  
2 John Nygren, Wahoo, Neb.....\$51  
3 Same..... 42  
4 M. H. Hansen, Colon, Neb..... 37  
5 W. H. McCord, Colon, Neb..... 39  
6 Ed Clausen, Meade, Neb..... 42  
8 C. W. McCord..... 30  
9 W. H. McCord..... 30  
9 1/2 W. H. Hansen..... 32  
10 A. Hansen..... 36  
11 Alfred Hansen, Colon, Neb..... 36  
12 E. J. Brown, Osceola, Neb..... 51  
13 Alfred Godfrey, Colon, Neb..... 36  
14 Same..... 23  
Average \$30.95 on twenty-seven head. Total, \$835.  
**Beware of Imitators.**  
The Combination Oil Cure for Cancer and Tumor has its imitators. The Original Oil Cure may be had of the Originator—Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind. Free books upon request.



# Old Trusty

Is the easiest to operate because it runs itself.

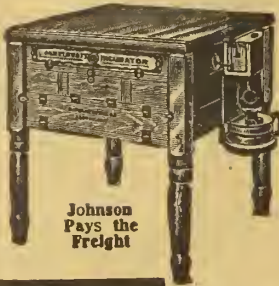
I HAVE a good many thousand poultry raisers to back me up on that statement. You know I sold more Old Trusty Incubators and Brooders than any other manufacturer last year. Yes, I've got them all going. Because I've got the machines; I sell on liberal terms; I aim to deal fair; I don't quibble on little things.

## Try 'Til You're Satisfied

Up to three months, if you want to. My guarantee's good for 5 years more; I can't be mistaken about what Old Trusty Incubators and Brooders will do for you—surest hatcher, biggest hatches, least trouble to run, safest brooding.

I'm willing to take all the chances while you are testing. Write for my 1907 catalog. My biggest, best book. I wrote it myself. Full of good poultry pictures and plain, straight talk about poultry raising. Free to everybody.

**M. M. JOHNSON COMPANY,**  
Clay Center, Neb.



Johnson  
Pays the  
Freight

## HATCH ALL Incubators Will Hatch Your Eggs

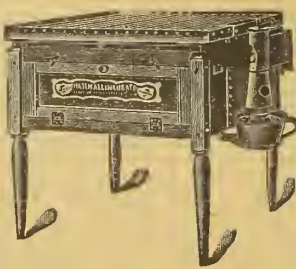
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

**HEBRON INCUBATOR CO., BOX 8, HEBRON, NEB.**



# Success

You go straight to success if you hatch and brood right. Get machines that have proven worthy, not once but thousands of times.

## Successful Incubators and Brooders

are record makers. Nearest nature's own way. Self-operating in all things. Many thousands at work giving perfect satisfaction year after year. Get on the safe side. Incubator and Poultry Catalog Free. Booklet, "Proper Care and Feeding Small Chicks, Ducks and Turkeys." 10c. 50c poultry paper 1 year, 10c. Send for these to-day. **Des Moines Incubator Co., Dept 50 Des Moines, Iowa**  
We have a full line of poultry supplies, poultry and eggs.

## Save 2/3 Expense

More than 2/3 saved in oil and time by using the **X-Ray Incubator**. One filling of lamp makes the entire hatch. Egg tray not removed during the hatch. Glass top, and thermometer in plain sight. Lamp need not be removed during the hatch. Automatic wick trimmer, chimney need not be removed. Flame is turned down automatically when hot enough. Eggs aired and turned by simply lifting the lid. The X-Ray Incubator is entirely different from other incubators. You should know about this before buying. Catalogue free.

**THE X-RAY INCUBATOR CO.**  
28th St., Wayne, Nebraska

## 125 Egg Incubator and Brooder Both For \$10

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

**WISCONSIN INCUBATOR CO., Box 71, Racine, Wis.**

## BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

**FRANK FOY, BOX D, DES MOINES, IOWA.**

## 60 DAYS TRIAL

gives you an opportunity of taking off two hatches and thoroughly trying machine. Send back if not satisfactory. Send for free illustrated catalog.

**AMERICAN BROODER CO.**  
Box 38 Racine, Wis.

## AMERICAN INCUBATOR

SPECIAL PRICES: 240 Egg size \$11.00, 120 Egg size \$7.50, 60 Egg size \$5.00

Brooders too low to quote here. Iron bound. Personal guarantee of their superiority. All about the best incubators, Brooders, Poultry and Poultry Supplies, with prices, in our free book. **American Incubator Co., Box 112, Freeport, Illinois.**

**40 BREEDS** Fine pure bred chickens, ducks, geese and turkeys. Northern raised, hardy and very beautiful. Largest poultry farm in the northwest. Fowls, eggs and incubators at low prices. Send 4 cents for fine 76-page catalog. **R. R. Neubert, Box 807, Mankato, Minn.**

When writing please mention this paper.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### THE NARRAGANSETT TURKEY.

One of our subscribers, living at Promisecity, Iowa, asks the following questions:

I would like some information about a breed of turkeys. I believe they are known as the Narragansetts, but around here they are called the "blue" turkey. Now, are the Narragansetts blue, are they large and are they tame like the Mammoth Bronze? Also, could you tell me where I could get them?

The Narragansetts are not as truly a "blue" turkey as the "Slate" breed. But they are rapidly coming to the front as a market variety. They are nearly as large as the Bronze, and mature much more rapidly. Their plumage is striking, giving the effect of a black and white barring. It is claimed they lay more eggs than any other variety.

The slate turkeys have plumage of a slaty or ashy-blue, and the freer from dotting the better. Information regarding this breed is rather limited.

### Raise More Poultry.

To the Editor of The Homestead:

It seems that, according to statistics, the growth of the poultry industry is one of the wonders of the time. The rapid increase in the use of artificial methods has produced a large amount of fresh stock during the off season, so to speak; but the rapid increase in the population of the country, and especially the rapid growth of our large cities has so increased the consumption and the demand, that the increased production together with the large tonnage put in the freezers every fall and marketed during the winter has not decreased the price.

With the settling up of new lands and the cutting up of the large ranches, the possibility of low-priced beef and mutton has decreased, and there is little likelihood that we shall ever again see low-priced eggs and table poultry, or much change in the average run of prices for the different seasons of the year. People living in a village can materially add to their income by having a well-selected flock of chickens in their back yard. Whether to start with eggs or hens would depend upon circumstances and the season of the year. If the beginning is made in late summer or fall and the laying houses can be made available, I would recommend purchasing breeders. If no houses are available and the start is made during the winter there is little choice but to purchase eggs. If the start is made in the spring would purchase eggs from which to hatch the next year's layers and breeders and use colony brooders and small colony houses to rear the youngsters and do no building until the following fall.

There is but little difference in the expense if good stock is secured, but what advantage there is, is in favor of purchasing breeders.

In either case it will pay to get good representative stock of your chosen breed. If you already have some stock, that is not quite up to grade, the purchase of a good male bird will be found an economical way to quickly improve it.

To start with the best one can afford and then by selection and occasional purchase bring the flock up to an even grade of excellence is a good rule to follow.

In breeding for market poultry, when only general type and vigor is important, large numbers may be most profitably kept in the same enclosure. On general principles the larger the flocks that can be kept together the more profitably can the poultry business be carried on.

A hen as a unit is a small item. It is giving consideration to each fowl that makes for a petty business. Make the unit a flock of fifty, or a hundred, or more and the work begins to take on the dignity of a business. It is therefore a good plan to construct the house so that fowls in considerable numbers may be run together. Where the birds can get out on the ground much of the time during the winter months a house nine or ten feet deep is ample. Where the winters are severe and there is much snow it should be made at least fifteen or sixteen feet deep, and about eight

\$11.75

Buys a 240 Egg Incubator. The surest and easiest hatcher made.

The Famous

## IDEAL INCUBATOR

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$8.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than I let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's Free.

**J. W. MILLER CO., Box 305, Freeport, Ill.**

## INCUBATORS 40 DAYS FREE TRIAL

The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

**GUARANTEED FOR 10 YEARS**  
Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not all we claim return it at our expense. Write for complete FREE catalog of Great Western incubators and brooders.

**GREAT WESTERN INCUBATOR CO.**  
914 Liberty St., Kansas City, Mo.

## Branches St. Paul, Buffalo, Kansas City.

Double cases all over best copper tank; hot water self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

**Belle City Incubator Co., Box 52, Racine, Wis.**

## COME INTO THE FOLD.

Be one of the successful poultrymen. Our people make money out of chickens. They run

**The Petaluma Incubator** and Brooder too. Perfect regulation of heat, air and moisture. Awarded Gold Medal St. Louis and Portland Expositions. The catalogue is free. Write for it.

**PETALUMA INCUBATOR CO., Box 3, Petaluma, Cal.**

## Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made.

**GEO. H. STAHL, Quincy, Ill.**

**FOR SALE:** Live deer, all ages, California quails, ferrets, Belgian hares, Jack rabbits, wild geese, brant, canary birds, goldfinch, Homer pigeons, minis, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock.

**Deer Lake Park, Severy, Kan.**

## POULTRY PAYS

Our Book, "Poultry for Profit" showing 35 best paying varieties mailed for 10 cents.

**Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.**

feet wide, this being sufficient for about eighteen or twenty fowls.

For market eggs no cockerels should be kept with the layers. It is the fertile egg that stales quickly, especially during warm weather.

Place the water for the poultry on a hot brick to prevent freezing.

Suspend some cabbage with heads down where your hens can reach them.

**Mrs. A. F. S.**

## Catching Gobblers.

To the Editor of The Homestead:

In answer to your request as to how to catch young gobblers that have run wild all summer, will say that I have had very good luck by following these rules: As one generally knows a day or two beforehand that he will want to catch them, it generally is easy enough to catch two or three of the old ones on the evening before and to coop them up inside the barn. When you want to drive the gobblers in and if there is a large doorway, just set the old ones inside, near the door—ten or twelve feet inside, or it may be better to tie each of them by the leg with a stout cord or rope ten or twelve feet inside the door. These can remain as "stool pigeons," so to speak, and with several to help round the gobblers up with an old stick or brush in each hand they can be drifted, not driven, into the barn and easily caught. All large machinery



or animals should be kept away from inside near the door so as to give them plenty of space inside, and all glass windows should be covered so as to darken the room and prevent smashing the glass.

Ethan Akin.

Carroll county, Iowa.

### Getting Winter Eggs.

To the Editor of The Homestead:

This is the chief problem at this season. A flock of hens that lay only in spring and summer is not a profitable one. To be sure, the cost of an egg, both in money and labor, is more than in nature's own season for egg-laying, but the increased price makes it decidedly profitable. There are a few poultry folk that have mastered the art of getting eggs whenever they want them, and a leaf from their book of methods is of special value.

One of these men, quite widely known for his contributions to poultry literature, tells his story in a racy fashion that is very attractive. He begins by speaking of receiving a number of letters from farmers who, not getting any eggs, wanted to know from him where they could get a "laying strain." If

they could only secure a start from one of these "strains," they would be in the swim with himself and other successful egg-getters. But when he wrote them that his hens laid the year round, and that any variety would do the same if properly fed and cared for, they were both angry and incredulous, and concluded he was not the man they wanted to order from.

That his theory is the right one was illustrated as follows: He showed a poultry breeder a pen of twenty-one hens, telling him that every one was laying, yet if he wished he could stop them in a week by simply cutting down their supply of food. This was then the middle of June. The 1st of July, the hatching season being over, he cut down their supply of food over half, and exactly eight days later they ceased laying. He fed them very lightly all through the hot weather of July, August and most of September, and during that time they laid only two eggs. They moulted well. In the latter part of September he began feeding again, and in two weeks nearly all were laying, and were expected to lay all winter. While these birds were resting, eggs were six cents a dozen. (This was be-

fore the higher prices of recent years.) They were all ready to go to work with the season of greater profit.

How does this man feed his hens? Through the winter and until the end of the hatching season he gives them the following bill of fare: Oats, corn, dry bran, potato parings and scraps from the table, limestone grit, oyster shells, skim milk and water all winter, and clover, chickweed and grass added in spring and summer.

In feeding the above materials for thirty-four hens he kept oats and bran, water, grit and shells before them all the time, corn on the ear once a day, two quarts of skim milk a day, and in spring, grass, chickweed and clover once a day. The corn cannot be a hard and fast quantity. Observation must regulate the amount. If too much is fed, the birds get too fat; if too little, egg production is checked.

Note that this man fed no warm or cold mash, nor cut bone, and the only meat they received was the few scraps in the table waste, and about once in two weeks a rabbit.

The problem is to get as many eggs as possible as cheaply as we can. He

claims that we can get the eggs with a proper variety of the cheaper grains and feeds, if we supplement this with the proper care. But to attain the desired result, the fowls must be penned in winter. In cold weather they dearly love corn, and if at large where they can get it, will eat so much that no eggs will be laid. A roll of forty-eight-inch netting will pen twenty-five hens, and if well looked after a flock of twenty-five hens will lay a good many eggs. In this way the food can be properly balanced, the fowls protected in bad weather, and the whole matter be under control.

While this man has been successful, it is possible that others may vary this plan a little with equal or even greater success, though that would be difficult to do. Green bone is certainly a great egg stimulant, and all cannot get rabbits regularly for their poultry. More green food, such as beets, cabbage leaves, and the like, would seem to be desirable. But some plan like this, followed out with whatever modifications were made necessary by local conditions, would solve the problem in the majority of cases.

Mrs. S. B. Titterton.

Cairo, Neb.

### POULTRY.

## Barred P. Rocks

E. B. Thompson Strain.

LARGE, heavy boned birds for the farmer and fancier. Scored by Heimlich. Will sell at public sale, February 28th, Poland China bred sows and Shorthorn cattle. Farm joins Alta, Iowa. Telephone No. 87. Write for catalog.

J. A. PENN, ALTA, IA.

Barred Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92½ points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7½ to 11 pounds. Price \$1 to \$3. Write your wants to M. A. Easthouse, Hartley, Iowa.

## SILVER SPANGLED HAMBURGS.

FINEST of layers. Most beautiful variety known. Cockerels, hens and pullets for sale from my prize winners at the Cedar Rapids, West Liberty and Ottumwa shows. Also Mammoth Bronze turkeys. J. B. McAllister, Palo, Iowa.

## Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Duncer, Lamoni, Iowa.

## PARTRIDGE COCHINS

CHEAP to close out; 40 fine cockerels, 15 pullets. Come quick. D. C. Ross, Box 253, Audubon, Iowa.

Mike's S. C. Buff Orpington Ranch. EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94. 15 eggs \$2.00, 25 \$3.00. Pen No. 2 scores from 90 to 92. 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

ROSE COMB BROWN LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

BUFF Cochins Exclusively. 20 large framed, good boned, even colored, well feathered cockerels for sale at \$2.00 to \$5.00 each. Write or order. W. W. Vaughn, Marion, Iowa.

S. C. BUFF Orpingtons, from stock scoring 93½. S. C. Williams strain. Prices reasonable. Bob White Poultry Yards. Nettie Crane, Blencoe, Iowa.

BLACK Cochins, S. L. Wyandottes, B. turkeys, sire 47 lbs score 96½; hens 97; 1st, 2d, c's; 1st, 2d, 3d pullets. Albert Leashow, Mrs. D. C. Molsberry, Plymouth, Ia.

MAMMOTH Bronze turkeys; first prize tom heads the flock. Hens weigh 18 to 24 lbs. Golden Wyandottes. Geo. E. McGrew, Route 1, Selma, Ia.

S. L. Wyandotte cks. for sale; fine large birds from S. high scoring stock; also two Buff Orpington cks. single comb. Mrs. F. H. Long, Manning, Iowa.

ROSE COMB WHITE LEGHORNS. Write for prices. M. T. McEvoy, Emmetsburg, Iowa.

SILVER-LACED Wyandottes. Steinmeach strain, some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Bedford, Iowa.

100 Barred Plymouth Rocks, scoring 89 to 91, bred for utility and fine points, large fine shape, prices right. Mrs. Anna Dockey, Pilot Mound, Ia.

S. C. B. LEGHORN hens and pullets for sale at reasonable prices; also M. B. turkeys and B. P. Rocks. J. P. Eskildsen, Lawler, Iowa.

FOR sale, white Wyandotte cockerels and pullets from large, well bred stock. Write me for prices. Mrs. A. H. Graham, R. F. D. No. 1, Alexis, Ill.

200 Barred Plymouth Rocks, scoring 89 to 92, bred for laying and fine plumage, large and vigorous. \$1.00 to \$5.00. C. G. Good, Ogden, Ia.

FOR SALE, Buff Cochins, White Wyandottes, Cornish Indian Game and White Holland Turkey Toms. Peter Geiger, Minden, Iowa.

MAMMOTH BRONZE TURKEYS, heavy-boned, blocky birds from high-scoring stock. C. A. Molsberry, Plymouth, Iowa.

ROSE Combed Brown Leghorn cockerels for sale, 6 for \$5.00, also eggs in season. Write for prices. F. Bowman, Eldora, Iowa.

FOR SALE—BARRED PLYMOUTH ROCK COCKERELS. \$1.00 and \$2.00 each. W. J. Dooley, Keosauqua, Iowa.

### POULTRY.

## 75 PLYMOUTH COCKERELS FOR SALE

OF the Bradley, Ringlet and Eclipse strains. Some very excellent birds at \$1.00 and up; can also spare a few good hens and pullets. Address

Mrs. E. F. Escher, Manning, Iowa.

Monster M. B. Turkeys and Toulouse Geese FOR SALE cheap, as I have to move and won't have room for them. I will put them on the bargain shelf for thirty days. Remember I sell all without reserve, at very low price. C. H. DRAKE, Stockport, Iowa.

## White Holland Toms

WEIGHING from 16 to 20 lbs., \$4.00 each. Choice Barred Plymouth Rock cockerels, \$1.50 each. J. S. TEALE, Lamoni, Iowa.

I HAVE EXTRA large Barred Plymouth Rocks of Bradley Bros. strain direct, and also White P. Rocks of pure Fitch strain direct. These Rocks are all very large and as I have to move will make extra low prices on them till Feb. 20, 1907. Please state what you want, not ask what I have. C. H. Drake, Stockport, Iowa.

## WHITE WYANDOTTES FOR SALE.

300 YOUNG birds of the choicest strains. Will sell cheap as I am in need of the room. Wm. Miller, Rush Park Stock Farm, Independence, Iowa.

## BARRED ROCKS AND M. BRONZE TURKEYS FOR SALE.

EXTRA large bone and fine markings; yearling and 2-year-old hens, weighing 22 to 26 lbs. I will sell these hens, young hens, up to 18 lbs; toms 24 to 28 lbs. J. T. Prim, New Providence, Ia.

SINGLE COMB W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

ROSE Comb Brown Leghorns, exclusively. Cockerels from high scoring stock \$1 each, 6 for \$5. Eggs \$3.50 per 100, \$6 per 200. R. R. Stewart, Charles City, Iowa.

FOR SALE—Mammoth Bronze turkeys of both sexes, also B. P. Rock cockerels from prize-winning stock. Mrs. T. O. Cooper, Klerlim, Iowa.

FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

CHOICE B. P. R. cockerels, Bradley and Thompson strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

ROSE and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

M. B. turkeys large-boned toms weighing 25 lbs. and up, \$5 each and up; also White P. Rock cks. \$1.25 each; farm raised. Adam Kolb, Thornton, Ia.

CHOICE S. L. Wyandotte cks. W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eygabroad, R. 1, Grundy Center, Ia.

FOR SALE—150 choice Barred Plymouth Rock cockerels and pullets. Some very fine M. B. turkeys. Eggs in season. Mrs. Mary Pierce, Nevada, Iowa.

ROSE Comb Brown Leghorn Cockerels 75c each and White Holland Turkey Toms \$4.00 each. Mrs. Ida M. Reuter, Corydon, Iowa. R. F. D. 4.

UPLAND POULTRY FARM—Stock for sale from 1 Light Brahmas, Rhode Island Reds and R. C. B. Leghorns. Albert Hans, Waucoma, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 to \$2.00 each. Big bone, fine color, bred from our winners. J. M. Detwiler, Dunlap, Iowa. R. 1.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Owen J. Spalti, Box 7, Pleasantville, Iowa.

"SPECIAL" high-class, snappy lot, Barred Rocks, Cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

200 FULL Blood Black Langshan cockerels \$1.00 each; pullets \$1.25. B. F. Read, Blairburg, Iowa. Route 1.

### POULTRY.

## BARRED ROCK COCKERELS

WE are offering Barred Rock Cockerels for sale, of the Bradley and W. H. Neibert strains. Pens headed this year by males direct from these strains, mated to hens and pullets of same blood. These birds are deep, narrow and blue barred. Some scored birds after Dec. 10. Are closing out our entire flock of Pure Bred Fitch White Rocks. We have them and are going to sell them at bargains. Please notice change in address.

C. C. Drake & Son, LaHarpe, Ill.

MAMMOTH BRONZE White Holland turkeys, Silver Laced and White P. Rocks, Silver Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96½ at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

## For Sale—Prize Winning

MAMMOTH Bronze turkeys, scoring from 95½ to 96½. Also choice Barred Plymouth Rock cockerels and pullets. CHAS. STUART, Phone 93 V, Altona, Iowa.

## Evergreen Poultry Farm, MARATHON, IOWA.

200 prize winning birds for sale. B. P. Rocks, M. B. turkeys, Pekin ducks and Toulouse geese, fine large birds with or without score cards. Prices right. Write me, Mrs. Silas Cobbs.

## CEDAR LAWN POULTRY YARDS

Barred Plymouth Rocks exclusively. 75 scored cockerels at \$1.50 to \$2.00 each. A few unscored at \$1.00 each. Prompt shipment and satisfaction guaranteed. W. J. Applegate, New Sharon, Iowa.

MAMMOTH BRONZE TURKEYS. MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

WHITE Plymouth Rocks for sale, scored and unscored. Hens, pullets and cockerels. Fitch strain. Prices low. Eggs in season. Mrs. O. J. Early, Bristol, Iowa.

FOR SALE—150 thoroughbred Mammoth Bronze turkeys. Large bone, well marked. Toms, \$5 each, hens, \$3. C. M. Snyder, R. 4, Corydon, Iowa.

PRIZE-WINNING Light Brahmas, scored by Judge Russell. Scored cockerels, \$2.00; unscored birds, \$1.00. J. Q. Swallow, Box 89, Nodaway, Iowa.

WHITE Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa.

MAPLE Grove Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

WHITE Wyandottes, both sexes. Scored and unscored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

FOR sale, fine, large Black Langshan and Silver Laced Wyandotte cockerels, scoring from 92 to 94½. Prices right. Mrs. Wm. Barr, Kirkman, Ia.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

SINGLE Comb Brown Leghorns, Barred Plymouth Rock cockerels and Pekin ducks. \$1 each or 6 for \$5. Mrs. H. L. Jones, Montezuma, Iowa.

MAMMOTH B. turkeys, both sexes, B. Langshans. Cockerels, scored and unscored. Also Pekin ducks. Mrs. A. Kilton, Audubon, Iowa.

SILVER-LACED WYANDOTTES, Pekin ducks. Choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

LIGHT BRAHMAS exclusively for 16 years. Fine large cockerels for sale with grand shape and style. E. E. Condit, Newton, Iowa.

LEGHORNS Both white and brown. Cockerels, \$1.00 each, six for \$5.00. Address, Barker Bros., Indianapolis, Iowa.

FINE Partridge Cochins; also trio White Holland turkeys, "good enough for show room." \$20. Floy Collins, Viola, Iowa.

### POULTRY.

## Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90½ to 95½ at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, Iowa

## For Sale—High Scoring Prize-Winning

PAIRED P. Rock cockerels and M. B. turkeys, both sexes. Toms weighing up to 25 lbs., \$5.00; pullets, \$3.00 each, two for \$5.00; trios mated, not akin, \$12.00; also 3 dozen B. P. R. hens at \$10.00 per doz. Address, M. V. Leeper, Redfield, Iowa.

## Sandquist Bros., OAKLAND, NEBRASKA.

BREEDERS of high class Black Langshans. A nice lot of cockerels for sale. Write us for prices.

## 30 CHOICE

## Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, JNO. C. MILLER, Harlan, Iowa

## 75 BARRED P. ROCK COCKERELS.

LARGE, have fine style and well barred at \$1.00 to \$2.00 each. Extra fancy cockerels, scored by Shellabarger & Todd, \$2.50 to \$5.00 each.

W. R. WARWICK, Montezuma, Iowa

## G. M. Grinstead, Mitchellville, Iowa.

40 Monster M. B. Turkeys, bred from N. Y. prize winner, and winners at recent Iowa State Poultry show, '06; won 1 and 2 on young tom, 1, 2, 3 and 4 on pullet, 2nd on pair. 50 B. P. Rock cockerels. 30 Pekin ducks. Phone 91 D.

CHOICE M. B. Turkeys, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strain; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

## BARRED PLYMOUTH ROCKS

WRITE FOR PRICES TO

MRS. L. L. WHITE, HARTWICK, IA.

MRS. J. W. BLOKHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa.

WHITE P. Rocks, B. Langshans, S. L. Wyandotte cks. scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

MAMMOTH Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

WHITE Plymouth Rock cockerels, scored and unscored. Scored stock 92 to 94½, farm raised, \$1 to \$2. Eggs in season. D. A. Good, Ogden, Iowa.

PURE Bred Barred P. Rocks, scoring 89 to 92½. Choice cockerels, cockerel and pullet matings. Eggs in season. Mrs. R. Van Der Wert, R. 2, Lacey, Ia.

BUFF Rocks for sale—150 pullets, hens, cocks and cks., scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steidom, Lacey, Ia.

MAMMOTH W. H. turkeys, Imperial Pekin ducks and a few choice W. Wyandotte cks. Scored and unscored stock. Mrs. C. F. McLochin, Gray, Ia.

MAMMOTH White Wyandotte cockerels and Buff turkeys, true to color and large size, at reasonable prices. Mrs. L. C. Dennison, Arbela, Mo.

FINE, large-boned Mammoth Bronze turkey toms at \$5.00 each. Barred P. Rocks at \$1.00 to \$3.50 each. Write D. H. Leshler, Robbins, Iowa.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, firm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

S. C. BROWN LEGHORN, S. C. White Leghorn, and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

400 BARRED Plymouth Rocks and White Wyandottes, \$1.50 to \$5.00 each. W. C. Frazier, Atlantic, Ches Co., Iowa.

BUFF PLYMOUTH ROCKS at bargain prices for the next thirty days. Address, O. N. Woody, Newton, Iowa.

FINE, LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.



## POINTERS.

—Mrs. S. E. Alley, of Greenfield, Iowa, has some fine White Wyandotte cockerels which she offers for sale cheap, to close out, in her advertisement that appears on this page.

—Mr. J. M. Cameron, of Oskaloosa, Iowa, has Black Langshan cockerels which he is offering for sale in his advertisement on this page. They are from stock scoring as high as 95 points.

—Mr. F. E. Wadsworth, of Alta, Iowa, breeder of Barred Plymouth Rocks, in ordering a continuance of his advertisement, writes: "I have fifty-five cockerels, twenty-five of which score above 90, and they are very nice ones." His advertisement appears on this page.

—Mrs. L. L. White, of Hartwick, Iowa, in furnishing copy for her advertisement which appears on page 13, writes: "I have some nice large Barred Plymouth Rocks that will suit anyone who wants good birds of large bone as well as high scores. They are of the Bradley strain."

—Mrs. Grant Davidson, of Manson, Iowa, in sending advertisement of her Rose Comb White Leghorns, writes: "Please tell your readers that I have only about twenty cockerels for sale. They are all strictly good and choice birds and will be sold at \$1 each or six for \$5 as long as they last." See advertisement on this page.

—Mr. Geo. Bonnewell, of Grinnell, Iowa, has sixty Barred Plymouth Rocks scoring 91½ points that he is offering for sale in his advertisement on this page. Mr. Bonnewell breeds this variety of chickens exclusively and he won first at the state fair on cock. The birds he is offering for sale are large boned, well barred, and Mr. Bonnewell considers them the best he has ever raised.

—Cora E. Berger, of Harlan, Iowa, whose advertisement appears on page 13, writes as follows in regard to her pure-bred Black Langshans: "In offering my cockerels I feel sure my customers will be well pleased. I have a fine bunch of White Plymouth Rocks left and a few Black Langshans and Silver Laced Wyandottes. My W. P. Rocks took two first and two second premiums at the Harlan fair, also my Wyandottes took two firsts. All correspondence answered promptly."

—Mr. Sterling Martin, of Melrose, Iowa, writing in regard to his Mammoth Bronze turkeys and White Plymouth Rock cockerels, as per advertisement on this page, says: "The Mammoth Bronze turkeys I am offering are large boned and well marked. At the Charleston, Iowa, poultry show, November, 1906, I took first on yearling tom, second on cock, first and second on hen, and second and third on pullet, and two specials on turkeys; first and special on cock and second on hen, with my White Plymouth Rocks."

—Mr. J. T. Prim, of New Providence, Iowa, is offering Mammoth Bronze turkeys and Barred Plymouth Rock cockerels for sale. He writes: "On cockerels I am offering to take the low price of \$1. In turkeys, I have the finest lot I have ever raised. In 1905 at the Union show I exhibited seven turkeys and won seven ribbons. They are direct descendants of the World's Fair prize tom, Columbus, as heavy a strain as can be found in the United States today. Write me today; all inquiries cheerfully answered." See advertisement on page 13.

About a year ago, a very interesting item went the rounds of the papers in regard to the egg industry about the town of Norfolk, Neb. Nine car loads of eggs were shipped from that city to Lowell, Mass., within a few months. Northern Nebraska was laid under tribute for this market, and the magnitude of the business may be realized when it is stated that in a single year cash between \$233,000 and \$234,000 was handled by one firm in transferring the eggs from their cold storage plant.

The single item of lumber that went into the crates ran up a bill of over \$9,000. In this section the returns from the chicken crop amounted to more than the corn crop, the wheat crop, or any agricultural product. No wonder that the farmers in that region are stocking up on hens!

Don't try for very early chicks unless you have an especially good place to brood them. A warm house is an absolute necessity for all chicks hatched before April 1st. The early spring weather is very trying, and out-door brooders will not answer in the extreme changes. It is no difficult matter to hatch early chicks, but a very hard matter to raise them. To hatch out a brood of early chicks, and then lose them means a loss of more than the eggs. There is the oil, your time, work, and, last, but not least, your own hopefulness. Don't lay yourself open to discouragement so soon in the year. For those who have every appliance for bidding defiance to nature and her rules it is all right to hatch and raise chicks out of season. But if you are just a small raiser, with limited appliances, don't!

Professor Gowell, of the Maine Experiment Station, has arrived at the conclusion that, as a rule, the earliest-maturing pullets make the most persistent layers. This conclusion was reached from



HERE'S THE GREATEST INCUBATOR BARGAIN.

**THIS 230 Egg Royal Incubator \$12.75**  
FREIGHT PREPAID ANYWHERE

East of the Rocky Mountains.

Quality and price—two things that "talk." You can't get a better incubator than the Royal at any price. It is built right, strong, substantial, will last a lifetime, and is guaranteed to hatch as large a percentage of fertile eggs as any incubator in the world. It is not a "cheap" incubator, but is strictly high-grade in every respect. Easy to operate; automatic control of heat; perfect ventilation. **ONE TRIAL HATCH FREE**, if you want it. Your money back if not satisfactory. Don't pay more for a smaller incubator; don't buy a poorly constructed, go-to-pieces incubator; don't buy any incubator until you have investigated our remarkable offer. Remember, **WE PAY THE FREIGHT**, (least of the Rockies). We guarantee the incubator under a bank bond; we give you a fair trial. We save you about half the cost and guarantee better results than incubators give costing twice as much. It will surely pay you to investigate. Write to-day for special offer:

**FREE** Handsome Catalogue of incubators, brooders, poultry supplies, poultry foods, eggs for hatching and standard bred poultry from our own farm.

Book on "Proper Care and Feeding of Young Chicks, Ducks and Turkeys," 10c, 60c Standard Poultry Paper 1 year, 10c.

**ROYAL INCUBATOR CO.,**

**Drawer 755,**

**DES MOINES, IOWA.**

WRITE TODAY AND SEE FOR YOURSELF THE BARGAIN WE OFFER.

observations made at the station. In one instance twenty-five pullets that began laying in early August and September were selected from a large flock, the remainder of which did not begin to lay until much later in the season. The selected twenty-five pullets laid 180 eggs per head in 365 days, while the later ones averaged only 144 eggs per head.

"Of 50 chickens had with Roup, some blind, I never lost one after using Walker's Roup Cure. Given as a preventive I never had chickens do better,"—Mary Ann Orfield, Lamoni, 30c package for trial, prepaid, 25c. Walker Remedy Co., Lamoni, Ia.

## IRRIGATION AND THE SUGAR BEET.

"Where can I buy a farm?" is a question asked by thousands of young men now-a-days. Never has the desire for farm lands been so great. Thanks to the wisdom of the federal government and the enterprise of the railroads, hundreds of young farmers are being provided with farms at reasonable prices, where crops of large yield near good markets can be raised. An instance of this is the Garden City, Kan., lands. Every two weeks a crowd of excursionists visit this spot and the majority, impressed with the money being made there by those already established, buy from forty to 160 acres of these irrigated lands where sugar beets and alfalfa make fortunes for the farmer. Yet a dozen years ago this land was fit for grazing herds of long-horned cattle. To two factors, both due to the federal government's solicitude for the farmer, does this section of rich-soiled Arkansas valley owe its prosperity. The soil washed down from the mountains is one of the richest to be found on the American continent. It now grows everything from cereals and alfalfa to fruits and sugar beets. There was only one thing necessary to produce fine crops—water. A new theory of irrigation was advanced—that of pumping the water from the sheet water underlying the subsoil. Test wells were driven by the government, resulting in the most gratifying results. No longer was there any question of the water supply; the government tests proved the underflow to be inexhaustible. Now the great pumping system draws the water from this inexhaustible underground storehouse and sends it by the way of five great ditches to the farthest fields. Now the farmer does not have to depend upon the treacherous clouds, though the rainfall is not inconsiderable. An irrigation proposition is the surest farm investment to be made; failure of crops is impossible. All that a farmer has to do is to plant his crop, turn in the water, cultivate, turn in some more water, when needed, and at the proper time harvest the crop, the amount of which under these conditions can practically be told in advance. In addition to the ditches and pumping stations, the federal government is now contemplating at a cost of \$250,000 an immense storage reservoir, five miles long by two and one-half miles across. This irrigation is one of the factors of the prosperity of the Garden City spot; the other is the sugar beet. A few years ago the agricultural department of the federal government decided that there were several lands in the United States which would grow the sugar beet. This was determined by careful investigation. Prior to this time thousands of dollars' worth of sugar were imported to this country from Germany. The federal government encouraged the erection of beet sugar factories near these spots, and from that day the industry has thrived. The Garden City spot on account of its irrigation system is one of the most favored of the sugar beet producing districts. The beets grown here contain a very high percentage of sugar. A farmer does not need to know much about beet growing, as the factory furnishes the most explicit directions. In fact, the factory goes so far as to furnish labor at a definite rate of \$20 per acre for the hard work (most of the labor in connection with beet growing is thinning out the beets in the rows after the tops appear above the surface). It is possible for two men with two teams to do all but the hand labor on 160 acres of beets. The yield is usually twenty tons per acre at an average factory price of \$5 per ton. The tops of the beets are used for feed, as is also the pulp returned by the factory. The market at the local factory is not subject to fluctuation, as is the grain market. It is thus possible for the beet grower to average from \$75 to \$100 per acre. In conjunction with beet growing, most farmers near Garden City raise alfalfa. The alfalfa cuttings come just between the working periods in the beet fields. Alfalfa averages three cuttings per year. The yield per acre averages eight tons at from \$6 to \$10 per ton. This land is now selling for from \$40 to \$75 per acre, but will probably double in value in three or four years, as irrigated lands in Colorado readily sell for \$300 per acre, and yet are no more productive than these Kansas lands. The Great Western Land Company, of Kansas City, Mo., is offering 30,000 acres of this land at the

The Annual Poultry Number

## THE TWENTIETH CENTURY FARMER

will be published January 30th.

If you raise poultry, send for a free copy of this issue.

TWENTIETH CENTURY FARMER, 1726 Farnam St., Omaha, Neb.

## The Klondike INCUBATORS AND BROODERS

ARE SOLD ON THIRTY DAYS TRIAL.

They do not require an expert to manage them. Chicken raising is made a pleasant pastime when they are used. Ask your dealer about them. He may have them on his floor to show you. If not, write us. We will be glad to send catalogue and all information.

KLONDIKE INCUBATOR Co. Des Moines, Ia. BOX 475



Let Me Quote You a Price On a

**Chatham**  
Before You Buy An Incubator.

Write today for my Free Book. It will tell you how to make money out of poultry.

With Chatham Incubators and Brooders you can start in the poultry business for a very small amount. Chatham Incubators are sold on

**84 DAYS' FREE TRIAL**

freight prepaid. Guaranteed 5 years. They are tested and known to produce the largest percentage of strong chickens. Our big stock of incubators now ready insures prompt delivery. Write today.

**MANSON CAMPBELL,**

President Manson Campbell Co., Ltd., 241 Western Ave., Detroit, Mich. If you live west of the Mississippi River, address me Box 241 Topeka, Kan.

**\$10**  
Buys a 240 Egg

**Incubator**

120 EGG SIZE \$4.50  
60 EGG SIZE \$4.00  
100 CHICK OUTDOOR BROODER \$5.00  
100 CHICK INDOOR BROODER \$4.00

**DON'T PAY HIGH PRICES**  
When you can get Reliable Incubators and Brooders at the above figures. No other machines hatch or raise more or stronger chicks. They are sent complete. You pay for no extras. Send for Free Catalog, containing our guarantee of satisfaction or your money back, and explaining how we can undersell all competitors. Lists everything you need to succeed with poultry, at lowest prices.

Reliance Incubator Co., Box 697, Freeport, Ill.

## POULTRY.

**WHITE Plymouth Rock** cockerels for sale. Fishel strain, good weight, healthy birds, pure white. C. J. Rose, Ogden, Iowa.

**WHITE WYANDOTTE** cockerels. Fishel strain for sale \$2.00, eggs \$2.00 for fifteen. C. W. H. Beyer, Grinnell, Iowa.

**WHITE Wyandotte** cockerels for sale, scoring from 91 to 94½. Mrs. J. G. Huffman, Addonon, Iowa. R. 6.

above prices. Their advertisement appears elsewhere in this edition. The company issues some very attractive literature upon their proposition and it can be had for the asking.

## POULTRY.

## Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

**Mrs. B. F. Wilcoxon,**  
Fort Des Moines, Iowa.

**60 BARRED Plymouth Rocks**, exclusively. Are that from birds scoring 91½ points and cock that won 1st at the state fair. They are large bone, well barred, the best barred lot of birds we ever raised. Not a bad colored bird in our flock. Price \$1.50 to \$3.00 each. Address, George Bonnewell, Grinnell, Iowa.

## FOR SALE.

**MAMMOTH Bronze** turkeys. Fine young stock for sale. Sired by the 1st prize winner of the St. Louis poultry show. He is also a grandson of the World's Fair 1st prize winner, mated to hens scoring from 95 to 97 points.

**Jasper Lacy,** Neoga, Ill., R. F. D. 2.

**Mammoth Bronze Turkeys.** HIGH SCORING young stock for sale. Score cards furnished. Address, **GUY W. OFFILL,** Prairie City, Iowa.

**WHITE Wyandotte** cockerels, fine ones for sale cheap to close out, from stock scoring to 94. Three yearling cocks. Mrs. S. E. Alley, Greenfield, Ia.

**MAMMOTH Bronze** turkeys, large boned, well marked young toms \$5, hens \$3, pullets \$2.50, also W. P. R. cks., \$1 each. Sterling Martin, Melrose, Ia.

**Toulouse Geese** For Sale **ADA MADISON,** ANTHON, IOWA.

**BARRED Plymouth Rock** cockerels, \$1.50 each, and up. Scored by Helmrich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa.

**40 BREDS** hardy, thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. Catalog free. R. R. Neubert, Mankato, Minn.

**FOR sale**, Black Langshan cockerels at \$1.00 and \$2.00 each. Parent stock scoring high as 95 pts. Address, J. M. Cameron, Oskaloosa, Iowa.

**MY ROSE COMBED WHITE LEGHORNS** are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

## DOGS.

## SCOTCH COLLIE DOGS

**FINE** puppies now for sale. Fine workers, handsome pets. Best pedigrees. Write for new illustrated catalog if interested. Several good studs at service.

**Geo. T. Underhill,** Knoxville, Iowa.

**THOROUGHbred** fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

## SHEEP MAN WANTED ON SHARES

**GOOD** 280 acre Iowa farm. Must deal at once. Only reliable men need apply. Send references, state amount of equipment. Capacity, honesty and experience wanted more than capital. Write at once to The Alien Land & Loan Co., Laurens, Iowa.



## DAY BY DAY

Agricola

Now is a good time of year for the young farmer, and none are too old for it, to consider what it costs us to maintain life as a Nation. In round numbers it is \$2,000,000 a day.

That our treasury department can collect and pay out two million dollars daily, and no discrepancy ever occur, is one of the marvels of business.

True, when Cleveland was inaugurated and "the books were opened" according to the campaign cry, and a different administration came into power, making an accounting necessary, there was reported a shortage of one cent, which was afterwards found behind a bureau where it had rolled unnoticed at the time.

Agricola does not vouch for this from personal knowledge, but this was the current news in the papers at the time. And no charge has been made that the government has ever lost a dollar in handling the enormous funds passing through the hands of the officials of any party.

Once more, young farmers and old farmers, remember that each second of working hours \$70 of the money of the realm has to be paid out to run this republican form of government, and all accounts kept straight, and it is seen that some one must have a head for figures and a hand for handling money with neatness and accuracy.

I notice a much increased interest in poultry raising for the last five years. It was formerly the custom to let the hens roost all winter in the door yard trees, the tool sheds, or wherever the benumbed things could hide themselves, and the farmer would wrathfully shoo them from his harvesters and cultivators, and speak things never found in the shorter catechism. But a change has come over the scene. Hens are housed, not always wisely, and they are fed, not always wisely, but an interest is taken with a marked improvement in results.

Tax receipts apply chiefly to local affairs. It has been more than thirty years since any one has paid a direct tax to the United States government. All the money needed comes through custom houses and the internal revenue branch, and more than one-third of the direct taxes stays right in the home school district. That two rural teachers have to teach a whole month for what the government collects in one

second only shows the vastness of our national affairs.

The editor of an eastern agricultural paper—and he is a good editor of a good paper—has been for several weeks telling his readers of the advantages and the disadvantages of corn belt farmers as compared with eastern farmers. He visited our agricultural college last December and talked with our people. He says that they of the east have a great advantage over the corn belt farmer in the matter of prices, that corn here is worth thirty cents and there it is sixty and up. But the wise farmer in the central West is getting sixty cents and up for his corn by the use of the animal which divides the hoof, but chews not the cud, and he has more money in the bank than has the eastern farmer, and his land will sell higher, too.

A fright, a chill, a sudden fall of temperature, will cause a milk shrinkage. All of these can be guarded against except the last, and that can be modified by good shelter so as to avoid loss of money. For should there be a slight shrinkage there are so many cows which will suffer more and shrink more because their owners are shiftless that the increased price of cold weather milk will offset the slightly smaller yield.

And the fright, chill or sudden fall of temperature cuts just the same caper with the hen. Singularly enough, while egg production and milk production, require so much in common, there is such a thing as too much sun in the hen house, but not in the cow barn. Sunshine, full and free upon the cow's back is grand, but a muslin window curtain for light to filter through may be better for a hen house.

The country merchants say that they have been handicapped in buying potatoes because the farmers grow different kinds, and a car load of mixed potatoes will not sell as well as a car lot of straight color and quality. A loss of three cents a bushel is quite a loss, but the dissatisfaction of getting less than the regular market, and the suspicion that the dealer is pocketing more than his share is something that lingers in memory as a nest egg for a grudge.

The use of tankage in fattening pigs may or may not make pork cheaper than to get along without it, but it surely pushes the pig faster and gets him to

# PILES NO MONEY TILL CURED.

**FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.**

**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**

market earlier, and this may be what you are anxious to do.

Corn and cob meal, balanced with oil meal, is seemingly better for a milk ration this winter than to balance with bran. And this is because bran is unreasonably high in price.

I never yet saw a man or woman who was satisfied with an incubator which would not hatch eggs. The men or the machine which does things is the right kind regardless of looks, but appearances have a value when added to usefulness.

Secretary Wilson meant well in introducing the Guatemalan ant, the natural enemy of the cotton boll worm, but the ant dies out in our winter and so proves a failure. The strong thing about Wilson is that one failure or a dozen does not make his administration a failure, because it is so big and strong that successes are sure in some lines, and the successes stay right with us.

Of the 6,242 employees of the United States agricultural department, only 403 died within the last year. Pretty healthy work is agriculture, even for the professional workers.

There is one thing in which eastern farmers can beat us—that is the quality of sweet corn. Eastern canners pay twice as much as will the western canners, and they can do it because the eastern corn will outsell western corn. But at the price paid for western corn the farmers find growing it so profitable that factories have to refuse acreage rather than solicit it. Cash for the ears and a good crop of fodder which alone pays all expenses is an argument which is convincing.

One hundred years ago people said

## COTTON SEED MEAL

**Best and Cheapest Feed.**

**Gilt-edged Guarantee of Quality.**

To deliver it for less than the "other fellow" is our business.

All inquiries answered.

**LAMPKIN & COMPANY,**  
54 De Meill Bldg., St. Louis, Mo.

**WANTED:** Single man to work on dairy farm, must be a good milker, also capable woman to do general house work. Parties must come well recommended. Address, Box 37, R. F. D. No. 4, Rockford, Ia.

**HELP WANTED**  
4 MEN wanted on a Montana ranch, must be first class farm hands, prefer them over 25 yrs. old, no drinkers nor gamblers need apply, wages \$40 per mo. the year around. B. F. Lepper, Flatwillow, Montana.

**Agents:** Sell automatic self-cleaning curry comb. Money-making opportunity for hustlers. Write for introductory offer. Cleau Comb Co. Dept. 10, Racine, Wis.

**KHERSON SEED OATS FOR SALE.** Big yielder, will not lodge or rust. 50 cents a bushel. Aye Brothers, Blair, Nebraska.

that anthracite coal would not burn. They did not know how to burn it—that was all.

Chance is the common name for unfathomed depth of law.

The pig and the cow is sometimes a more profitable combination than the calf and the cow. But the calf must be in the game, even if he is made to die young.

Every rotation which does not include clover is defective for Iowa use.

Regardless of the date of birth, when a man begins to live in the past instead of the present he becomes a back number.

If your hogs are growing fine and small boned it is high time to get rid of that strain and commence anew.

At present there is no tree inspection law in Kansas, while most of the states have one. Kansas nurserymen can ship stock to very few states unless the shipment bears a tag that no fungous diseases or insects appear in the orchard or nursery. At a recent meeting of the State Horticultural Society it was planned to ask the legislature to create the office of tree inspector with an assistant or two and to have about \$3,000 a year appropriated for salaries and expenses. The fees which would be charged for inspecting Kansas nurseries would pay part of the salaries. In addition to inspecting the local orchards and nurseries, it would be the duty of the inspectors to examine trees brought in to the state and require a certificate that the trees were free from disease or insects before being allowed to be shipped to Kansas. Edwin Taylor, president of the society; Walter Wellhouse, secretary; E. E. Yaggy, W. H. Underwood and J. F. Cecil were appointed a legislative committee to draw up proposed bills and work for their adoption by the house and senate.

### HIGHLAND PARK COLLEGE, DES MOINES, IOWA.

The last half of the school year begins February 19, 1907. There are two full quarters of twelve weeks each yet in this school year. New classes will be organized in all preparatory, normal and college work, also in all departments of engineering, pharmacy, music, oratory, commercial, shorthand, pen art and telegraphic courses. Students can enter at this time quite as well as at the beginning of the school year.

### IS BOVINE TUBERCULOSIS CURABLE?

An interesting article on the question showing how it is claimed that the seed of a well-known wild flower is a positive germicide and not only cures in the earlier stages, but that a dollar's worth of the seed will render a whole herd actually immune for a long time. The importers of the remedy, the Mutual Mercantile Company, of Cleveland, Ohio, offer to send the leaflet free to any reader and will put out a remedy on a strict guarantee.

## Free Book For Men

**64 PAGE BOOK FREE**

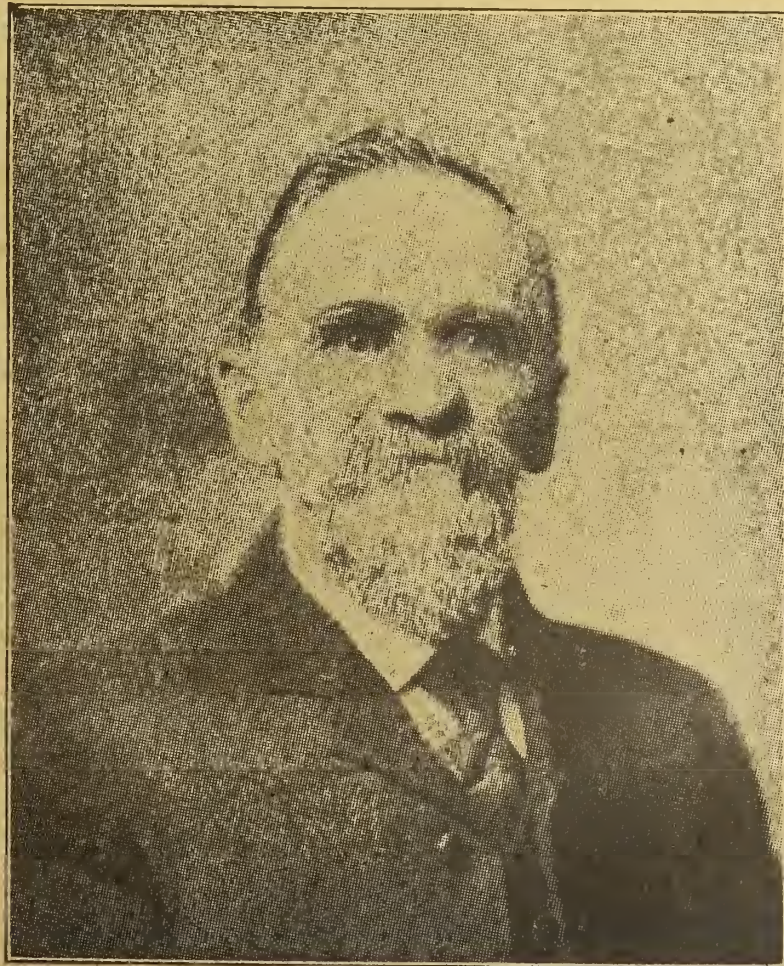
A handsome illustrated book which explains all about diseases of men such as **Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, Etc.**

This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. **Those interested should write for the book today.** Same will be sent free in plain sealed envelope. Address,

**DRS. FELLOWS & FELLOWS CO.,**  
323 Rollins Bldg., Des Moines, Iowa

## Cancer Cured No Knife, No Pain

People I have cured of cancer prove the astonishing results of my treatment. Peter Keagan, Galesburg, Ill., writes: "It is only a question of time—I must die." Doctors said "no hope." My new method was used and to-day Mr. Keagan's cancer of the throat is healed, and he is well. I have made wonderful cures without pain, operations, sticky balms, oils or plasters. My treatment is clean and wholesome. It gives instant relief from the smarting, itching and terrible burning pain, destroys the offensive odor and has cured cases given up by the family physician and specialists. If you have cancer or have a friend who has cancer, write me to-day. Full information, proofs and advice given without charge. Address **DR. RUPERT WELLS, 2165 Kadol Bldg., St. Louis, Missouri.**



Mr. Fred Kraschel, of Macon, Ill., one of the Pioneer breeders of Duroc Jerseys. He is associated with his son, Mr. M. A. Kraschel, in the breeding of Durocs, and is universally respected by all those who have the pleasure of his acquaintance. These gentlemen extend an invitation to all readers interested in the Duroc to be present at their annual brood sow sale, on February 7th. See field notes.



OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

The Dairy Cow's Ration.

To the Editor of The Homestead:

We are living in a scientific age. The day of feeding promiscuously is passing and the man who feeds haphazardly is being forced to the background. The man who undertakes to feed dairy cows successfully enters a field of inexhaustible research. He not only has to do with the chemical analysis of the foods, but the amounts to be fed to each individual, the cost of the same, the effect they have upon the animals and the results at the pail.

The dairy cow is the most complex of all animals. By one system of feeding her master can stop the machinery of secretion and put her on the broad road to the slaughter house, or by another system he can awaken the dormant organs of secretion and develop them up to the limit of their natural possibilities.

It is not our purpose to leave the impression that all cows will be profitable under judicious feeding, for all cows do not inherit milking qualities; but, on the other hand, cows that are organized to yield great returns under wise feeding can be ruined under careless and ignorant methods of feeding.

The first thing necessary in the feeding of a dairy cow is to get something she likes. A feed may contain all the essential elements necessary to the production of milk—chemically. It may be a perfect balance and yet fail because the cow does not eat it with a relish. Then there must be a balance, and this phase of the question calls out too lengthily a discussion of this article. There must also be about a certain amount of digestible matter, neither too bulky nor too concentrated. All of these things and many others we wish to explain in future issues of this paper.

O. O. Brewbaker.

Polk county, Iowa.

The Silo—A Factor in Farm Dairying.

To the Editor of The Homestead:

At present the silo is one of the most economic factors in progressive dairying, and in the future it will be indispensable. In conversation it is common to hear the statement that land has reached its maximum value; nevertheless, it is steadily rising in price. This will continue as long as the productivity of the soil can be increased and as long as more economical uses can be made of its products.

In the United States there were raised in 1906, 2,881,000,000 bushels of corn. Unfortunately too many people regard the ear as the only real valuable part of the corn crop. It is the part which most readily can be exchanged for dollars and cents, but where live stock are kept the ear only represents two-thirds of the value of the corn crop. The stalks, if properly taken care of, are the other third.

A great deal of corn is cut and

shocked. The handling of this fodder is laborious and wasteful. The feeding of it means exposure to disagreeable winter weather. About thirty per cent of its feeding value is lost, and although it is green when fed, it lacks succulence and palatability.

The silo will reduce the present waste in our corn crop to a minimum and furnish a cheap, succulent and palatable feed. The silo is no new-fangled idea; it is an old established fact. The first silos were underground pits, in which green crops were stored for future use. The same principle was involved as in our round, modern silo. The essentials were to cut the crop at the proper time and to store it in such a way that air was excluded, preventing decay.

Since the introduction of the silo into America in 1876, it has steadily gained popularity, especially in dairy sections. In parts of Wisconsin it is as common as the corn crib in Iowa. By the use of the silo the greatest quality of feed can be stored in the smallest space. Three tons of silage can be stored in the same space as one ton of hay. Twelve tons of silage can be raised on an acre. Three tons of silage are equal in feeding value to one ton of hay. On an average, one and one-eighth tons of hay is raised per acre. Thus the food value of an acre of silage is two and one-fourth as great as that of an acre of hay. Besides,

the silage is a more succulent and palatable feed. It acts as a tonic, and keeps the animals in better health and thrift. It is more digestible. Dry corn fodder contains a large portion of the same constituents found in corn silage, but it is hard and dry, unpalatable and less digestible. Feeding ensilage increases the fertility of the soil as more stock can be kept per acre.

Much silage is fed in summer in order to save pasture. It is a safeguard in times of drouth, but it is especially valuable for making up a winter ration. In the late fall and winter, prices on dairy products are the highest. Large quantities of high-priced commercial feed are used. This can be avoided when good silage is at hand. It furnishes a cheaper, more succulent and better-relished ration. In a feeding test, where the supply of silage was exhausted, it was impossible by any soiling crop, or combinations of feeds, to prevent a decrease in the milk production.

Why are there not more silos in the corn belt? Some of the reasons are: first, the initial cost of the silo and the machinery necessary for filling. It should, however, be remembered that the silo is a permanent structure and like a corn crib, a granary or a barn, will last for many years. Second, people often come to wrong conclusions from very limited and narrow observations. Suppose

a silo is erected in a neighborhood. Some defects in the construction or some fault in filling causes a large part of the silage to spoil. The conclusion is that the silo is no good. But the failure occurred because the principles involved were not thoroughly understood. Third, many farmers are anxious to have money in the bank. Almost every bank holds large sums of farmers' money. If this is properly invested on the farm it would bring more profit. Fourth, the real value of the silo is only fully appreciated through experience.

In the future, high-priced land, intensive farming, dairying, and the silo, will go hand in hand. Fred Rasmussen.

Iowa Experiment Station.

The Balanced Ration.

To the Editor of The Homestead:

While compounding rations is usually considered a scientific process, we will endeavor to eliminate as much as possible everything of a technical nature and make as simple and practical as possible.

I believe the great drawback to the average dairyman or dairy farmer in feeding a balanced ration is three-fold, namely, expense, lack of interest and the apparent complication of the thing. As to expense, if a balanced ration is wisely chosen it is but very little more expensive, if any, than a heavy feed of carbohydrates and fat, while the one will have the tendency to increase and maintain a milk flow and the other to make fat on the animal's body, instead of putting milk in the pail.

For example, we will name two rations commonly used: Corn silage, thirty pounds; clover hay, ten pounds; bran, four pounds; corn-and-cob meal, four pounds; oil meal, three pounds. With corn at thirty cents, clover hay at \$3 per ton, bran \$20 per ton, silage \$1.50 per ton and old process oil meal at \$23 per ton, this would make a ration worth close to fifteen cents per day. If you do not have silage you will have to substitute fodder, which will not increase the cost any, but will not give quite as good a flow, nor is it nearly so convenient to feed. This ration will bring a cow to her maximum flow.

Now, the ration usually used is corn, broken, and clover hay, about twenty-five pounds of the former and fifteen pounds of the latter, which is a very

Make Dairying Pay

Just consider the part the cow takes as a producer for the farm. She not only furnishes in milk many times her own weight in a single year, but reproduces herself annually, and her off-spring is either sold to the butcher or raised to go through the same process of production for perhaps two or fifteen years to come. But to keep cows or run the dairy requires care. You can't have milk without furnishing its equivalent—feed. And the skillful dairyman will carefully increase the ration for his cows until he finds the limit of each animal's digestion. At this point is where the profit lies.

Difficulties, however, are often encountered in arriving at the digestive capacity of a dairy cow. Going off her feed, Indigestion, Milk Fever, Mammitis are the consequences, but where the proper tonics are administered the digestive organs are strengthened and improved and the largest possible amount of food is digested and converted into milk.

DR HESS STOCK FOOD

Is the medicinal stock tonic and prescription of Dr. Hess (M.D., D.V.S.). Is especially designed to make cows give more milk, market stock grow faster, horses do more work, and to relieve minor stock ailments. It is not a food in itself but makes all the food of the farm produce more milk, more meat and more work.

Professors Quimman, Winslow and Finlay Dun, the most noted medical writers of the age, tell us that bitter tonics improve digestion, iron makes blood and the nitrates assist nature in expelling poisonous material from the system. Such ingredients make up Dr. Hess Stock Food—Isn't this pretty strong proof? Sold on a written guarantee.

100 lbs. \$5.00; 25 lb. pail, \$1.60.

Smaller quantities at a slight advance.

Except in Canada and extreme West and South.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to be found. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee. Free from the 1st to the 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 95 page Veterinary Book any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio

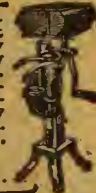
Also manufacturers of Dr. Hess Poultry Pan-a-cure and Instant Louse Killer. Instant Louse Killer Kills Lice.



A Davis.

Cream Separator direct from factory at factory prices, costs half as much as most others. No agents' fees to double prices. Investigate our liberal selling plan and the simple three-piece bowl machine. Gets every drop of cream. Tank 3 feet 7 inches high. Write for money saving catalog No. 118.

Davis Cream Separator Co. 541 North Clinton St., Chicago, Ill.



The Cream Separator You Use Is It Anything Like Ours?



Does it require a special kit of 14 or 15 tools or can you take care of it with only the bowl wrench?  
Does the bowl run "in the open" so that it may be stopped instantly, or do you have to wait for it to "run down"?  
Does it turn hard or easy?  
Does it give you constant trouble, necessitating numerous visits by an expert to make it "stick"?  
Does it satisfy you or not?

Does it have a bearing at the top of the bowl, as well as at the bottom, thus overcoming vibration?  
Does it deliver both skim milk and cream from the bottom of the bowl, so that the bowl drains itself?  
Can you stop the bowl, take it from the machine, clean it thoroughly and replace ready for work again, in three minutes?

The OMEGA CREAM SEPARATOR

is the only cream separator that really meets and fills all the requirements of the modern farmer who wants a modern machine. We want to show you why and prove our claims. That's all we ask. Don't you think it worth investigating?

Send today for catalogue, guaranty and our booklet, "More Milk Money."

The Omega Separator Company, 35 Concord St., Lansing, Michigan.



wide ration, besides lacking in variety. The result of such a ration is to increase fat and diminish the flow of milk, or at least to hold the milk flow down. The cost of this ration is sixteen cents per day at the prices named above.

The average farmer or dairyman does not stop to count the cost in feeding his cows. He argues that he has the clover and corn and he would have to buy by-products to feed a balanced ration. But, my dear farmer, would it not be good business sense to sell some of that corn and buy by-products to balance the rest of your corn and thus aid nature in accomplishing the very most for you?

But you ask, "What do you mean by a balanced ration?" Simply this: A combination of feeding stuffs containing the various nutrients in such proportions and such amounts as will nurture the animal for twenty-four hours with the least waste of nutrients.

In order that here should be little waste of nutrients, foods should be selected in making up the ration that are digestible. By the digestibility of a food, we mean that portion which the digestive juices of the animal can render soluble and thus bring into a condition which the system can make use of. The digestible portion of the various foods varies from about 40 to 96 per cent. The rest is simply ballast. The more ballast a food contains, the more the value of the digestible portion is reduced. So remember an animal lives on and produces, not from what she eats, but from what she digests.

O. O. Brewbaker.

THE USE OF WARM FEED.

The following communication has been received from one of our subscribers, Mr. Louis Stensland, of Story county, Iowa:

I will give my experience in warming swill for hogs. I built a shed on one end of my hog house 10x12. In this shed I put a steel tank nine feet long and thirty inches wide. This tank stands two feet inside of the shed and the rest outside. As I keep my calves in the hog pasture, they can drink out of the tank on the outside. I now put in a steam feed cooker, and around this cooker I put two barrels, or more if I need them. In this way I can warm the swill in the barrels and also the water in the tank. For slop, I have corn, oats and rye ground, equal parts. I take a bushel basket half full of this ground feed and the other half shorts and a half pail of oil meal and put in a barrel of water and steam it about an hour. What I cook today I feed tomorrow, as it will have to stand for a time to cool off.

Now don't undertake to do this unless you can do it every day. There is nothing that will make a runt quicker than to feed a warm slop one day and a cold one the next. Fall pigs do as well on this feed

in winter as spring pigs will in summer, if they have a dry place to sleep in. I feed this the year round. I market my hogs at eight or nine months of age at a weight from 250 to 300 pounds. The only trouble with this if fed to brood sows that have plenty of range is that they get too fat, but I have never lost a sow at farrowing time. I sow a patch of rye for pasture for my sows every fall, and they never have any trouble farrowing.

This, in our opinion, is an exceedingly good way to handle hogs in winter. We have said repeatedly that we did not believe in cooking all the feed that was used, but that one meal of warm slop fed in the winter is not only palatable, but it has the effect of keeping the digestive system in the very pink of condition, so that the greatest possible use is made of the dry foods fed.

One has to be a little careful not to feed slop that is scalding hot. However, by steaming a barrel of slop one day and feeding it twenty-four hours later there is no danger of doing harm in this way.

Hess Angus Sale.

If the initial Angus sale of 1907 is indicative of the trend of prices that will prevail, the Angus men will reap handsome profits. The offering of forty-seven head consigned by Mr. H. J. Hess in his first public sale and the first well-advertised Angus sale of the year sold for an average of \$150. There were no spectacular prices paid, the top figure being \$390, offered by Messrs. A. C. Binnie & Son for the yearling show heifer, Blackbird of Quietdale 4th. Sixty-five dollars was the low mark, showing a decided uniformity of prices. Mr. Matt Baker, of Manning, Iowa, paid the next highest price, \$310, for Blackbird of Quietdale 3d. The attendance was generous, including numerous Angus breeders from over Iowa and Minnesota. Mr. A. G. Messer, of Grundy Center, Iowa, was the most liberal purchaser, taking a dozen head, among them some of the most desirable in the offering. Mr. Fred J. Nelson, of Sheldon, Iowa, topped the bulls in the purchase of Birtley of Quietdale at \$205. The bidding was spirited from the outset and the prices were appropriate. Possibly the bulls could have sold a trifle higher, but the fact that a considerable number of young things of both sexes were listed renders the average a good one. The sale was held in the sale pavilion in Waterloo and was conducted by Auctioneers Igo and Holland, assisted by Messrs. Judy and Lynch. The list of those selling for \$100 or more follows:

COWS.

Ethel of Quietdale, two years, sire Baltimore of Glendale, T. E. Wagner, Mason City, Iowa ..... \$180  
Elba of Quietdale, one year, sire Pabno, A. E. Glenney, Waterloo, Iowa..... 235  
Blackbird of Quietdale 3d, two years, sire Pabno, Matt Baker, Manning, Ia. 310  
Blackbird of Quietdale 4th, one year, sire Pabno, A. C. Binnie & Sons, Alta, Iowa ..... 390  
Birtley of Quietdale, three years, sire Lowlander, Fred J. Nelson, Sheldon, Iowa ..... 205  
Buttress of Quietdale, one year, sire



THE OLD PAN WAY

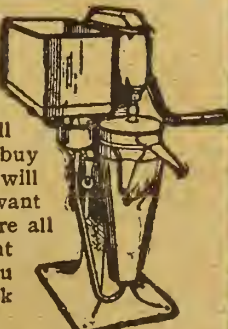
50%  
MORE  
CREAM

The old pan way of raising cream don't pay—it's too mussy and fussy—too much work for the women. And it don't pay in dollars and cents because you actually lose 50 per cent of the cream you ought to get. You can increase your cream product about 50 per cent over pan setting; 33 per cent over cans set in cold water; 25 per cent over patent creamers or dilution cans by using the

DON'T  
PAY

SHARPLES  
TUBULAR SEPARATOR

Besides you can skim the milk immediately after milking—save the handling and the expense of storage. A good milk-house costs more than a Tubular and isn't half so profitable—even if you already have the milk-house it will pay in labor saved, in crocks and pans saved, and the increase in cream will be all clear profit. Of course, when you buy a separator, you want the one that will get you the most profit—you'll want the Tubular—the reasons why are all given in a book which you will want and which we want to send to you free if you will only write for it, ask for book H. 121



Mr. Mac Tuttle, Danville, Ill., says "The first week we used the Tubular we made a gain of 12 lbs. of butter from five cows."

THE SHARPLES SEPARATOR CO.,  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.

WHO IS RIGHT  
ABOUT THE BEST  
CREAM SEPARATOR?

Every cream separator manufacturer, old and new alike, claims that his separator is better than any other. WHO IS RIGHT? Who can honestly make such a claim? We will leave the answer to you, but wish to submit a few facts for your consideration. The DE LAVAL machine was the original separator and it has been manufactured for twenty-eight years, twice as long as any other machine. The world's best inventors and mechanics have been constantly working and trying to better it and thousands of dollars have been spent annually in this effort. The DE LAVAL has for many years been thoroughly tested, tried and used in every civilized country in the world and under every conceivable condition. Over 800,000 have been sold to date, several times all other makes combined. From these tests and experiences the DE LAVAL experts have learned what a cream separator must be to be called BEST. The DE LAVAL machine of today represents this knowledge. Every feature of its construction is the result of years of study and practical experience and the expenditure of vast sums of money. Nothing has been left undone that would help to make and keep the DE LAVAL the BEST of all separators. No separator built today contains any feature whatever, not used in the DE LAVAL, which has not at some time or other been tried out by the DE LAVAL experts and cast aside for something better in the present DE LAVAL construction. Consider these facts well, consult every experienced separator user you can, learn all that is possible about cream separators and then tell us WHO you think is RIGHT. Meanwhile send for a DE LAVAL catalog of separator facts and reasons, to be had for the asking.

THE DE LAVAL SEPARATOR CO.  
RANDOLPH & CANAL STS. CHICAGO  
1213-15 FILBERT STREET PHILADELPHIA  
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General Offices: 173-77 WILLIAM STREET MONTREAL  
14 & 16 PRINCESS ST. WINNIPEG  
74 Cortlandt St. NEW YORK.  
107 FIRST STREET PORTLAND, ORE.

Pabno, W. F. Dessenburg, Norwalk, Iowa ..... 150  
Burnatum of Quietdale, one year, sire Pabno, H. A. Escher, Harlan, Iowa... 120  
Price 3d of Quietdale, ten months, sire Cranewood Black Knight, T. E. Wagner ..... 295  
Pride 4th of Quietdale, nine months, sire Woodlawn Blackbird Lad, A. G. Messer, Grundy Center, Iowa..... 140  
Pride of Fashion 3d, nine months, sire Prince Inca, same..... 140  
Kedron of Quietdale, two years, sire Baltimore of Glendale, J. R. Crawford, Burlington, Iowa..... 180  
South View Earl, five years, sire Prince of Kerrara, Wm. Austin, Dumont, Ia. 195  
Queen of Quietdale, four years, sire Gay Blackbird, A. G. Messer..... 190  
Victoria 2d of Quietdale, one year, sire Lowlander, same..... 185  
Quibo of Cranewood, three years, sire Pure Gold, John Milne, Prosper, Minn. 200  
Questo of Quietdale, two years, sire Pabno, H. H. Fritz, Clarion, Iowa..... 110  
Coquette of Quietdale, four years, sire Gay Blackbird, A. C. Binnie & Sons, Coquette of Quietdale 2d, three years, sire Gay Blackbird, and c. c., A. G. Messer ..... 190  
Coquette of Quietdale 3d, two years, sire Gay Blackbird, and c. c., same..... 200  
Coquette of Quietdale 4th, two years, sire Pabno, H. P. Jones, Manchester, Iowa ..... 115  
Coquette of Quietdale 5th, one year, sire Pabno, A. G. Messer..... 180  
Lucy of Quietdale, six years, sire Gay Blackbird, same ..... 160  
Lucy 2d of Quietdale, five years, sire Gay Blackbird, and b. c., E. D. Barker, Little Cedar, Iowa..... 155  
Lucy 3d of Quietdale, two years, sire Baltimore of Glendale, A. G. Messer. Heather Bloom 3d of Quietdale, three years, sire Baltimore of Glendale, H. C. Christian, Toledo, Iowa..... 130  
Heather Bloom 4th of Quietdale, two years, sire Model of Quietdale, and c. c., H. C. Recker, Cedar Falls, Iowa Alicia of Quietdale 4th, three years, sire Baltimore of Glendale, W. H. Stevens, LaPorte, Iowa ..... 165  
Alicia of Quietdale 7th, three years, sire Baltimore of Glendale, H. C. Christian Alicia of Quietdale 8th, two years, sire Baltimore of Glendale, A. G. Messer. Alicia of Quietdale 11th, one year, sire Pabno, A. E. Glenney..... 100  
Aledo of Quietdale, two years, sire Baltimore of Glendale, C. M. Russell, Carroll, Iowa ..... 150  
Ethel of Spottswood 2d, six years, sire Polar Star, same ..... 135

BULLS.

Count of Quietdale, ten months, sire Pabno, Chas. Hess, Waterloo, Iowa... 130  
Roscoe of Quietdale, one year, sire Golden Abbot, J. W. Robinson, Ryan, Ia. 100  
Hiawatha of Quietdale, one year, sire Lowlander, Ganfield Bros. & Rothjen, Luverne, Minn..... 115  
Cloverland Eleanor, six years, sire Blackcap Kling, L. D. Snyder, Manchester, Iowa ..... 110

SUMMARY.

35 females ..... \$5,460; average....\$156  
12 bulls ..... 1,595; average.... 133  
47 head ..... 7,055; average.... 150

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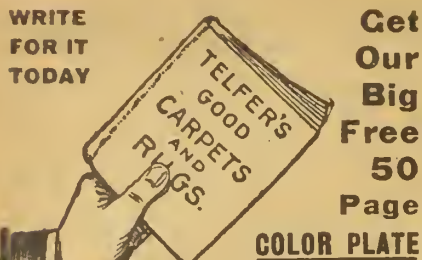
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## OUR HOME DEPARTMENT.

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### WITH THE EDITOR.

The daily papers which record such a multitude of uninteresting things occasionally contain an item which furnishes food for thought. The New York dailies in particular are worth watching. Lately among their news items was a modest notice to the effect that the Young Men's Christian Association which has classes in a great many branches, had added one offering, a course of instruction on the principles of investment. The great difficulty confronting the thrifty man whose income permits of laying a little aside for rainy days and old age is how best to invest his savings. On the face of it this proposition would seem a good thing, but mark what follows. Mr. J. G. Phelps Stokes, who is a socialist, though the possessor of wealth, objects to this new class opened by the Y. M. C. A. He reminds us that it is unchristian to make money through the ownership of capital; that riches should be the reward of social service.

In the millennium the services men render to the social body may receive adequate recognition, but the millennial dawn has not yet reddened the East. Whether socialism will hasten it is a question increasing numbers are considering. The New York Independent thinks "there may well be other and better ways of reducing the failures in the economic struggle," but it criticizes Professor Laughlin for a recent utterance in which he termed socialism "the philosophy of failure." The Independent says: "Professor Laughlin meant this description for condemnation. Inadvertently he has hit the nail squarely on the head and driven it in a good long ways; a nail in the hemlock sarcophagus of privilege."

Continuing its criticism of Professor Laughlin's remarks the Independent makes this noteworthy statement: "Failure in the economic struggle for existence is one of the great social phenomena of the age. It calls for explanation. Wealth is concentrating in vast fortunes owned by relatively few possessors. Thousands of once independent business men are passing into salaried positions and millions of wage earners in America fail through thrift and honesty to rise in the social economic scale. Individuals make their way up, but the chances of success for the many are not thought to be multiplying. Under these circumstances it is inevitable that we should have philosophies of failure and that they should command attention."

As there is a variety of ideas abroad as to what socialism is it may be well just here to quote a few lines to give a general idea of the term as understood in America: Separation of the capitalist from the capital, by transferring capital from private to public ownership, and the attempt to make services and rewards bear some just relation to each other is the socialist's interpretation of Christ's command to "sell all that thou hast and give to the poor."

Apropos of socialism if ever its tenets obtain there will be no need of old age pensions such as the state superintendent of schools in Kansas is advocating for teachers. Mr. Dayhoff finds that the teaching profession is not attracting, or holding when it does attract, the class needed to carry on the work of the schools successfully. He is doubtless correct in thinking there is some connection between this fact and some others he has discovered. For instance in Kansas, according to the report, men receive an average of \$48 a month and women an average of \$40 a month. His report goes on to show that a hired farm hand who receives \$20 a month and board is better paid financially than a man who teaches school. Is it any wonder that there is such a dearth of good teachers? Any wonder that so many teachers are ambitionless men of small attainments? For such pittance as are paid what quality of teachers has the public a right to expect? With such teachers as the public has a right to expect for such pittance what must be the future of education in the country? If the public will but think upon these things it will realize that while old age pensions are a move in the right direction, something much more far-reaching must be attempted if the teaching pro-



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### HOME AND HOMEMAKING.

#### LITTLE HELPS BY THE WAY.

Live in the sunshine; don't live in the gloom; Carry some gladness the world to illumine; Live in brightness, and take this to heart, The world will be gay if you'll do your part.

Live on the housetop, not down in the cell, Open-air Christians live nobly and well. Live where the joys are, scornful defeat; Have a good morrow for all whom you meet,

Live as the victor, and triumphing go Through this queer world, beating down every foe.

Live in the sunshine; God meant it for you! Live as the robins and sing the day through.

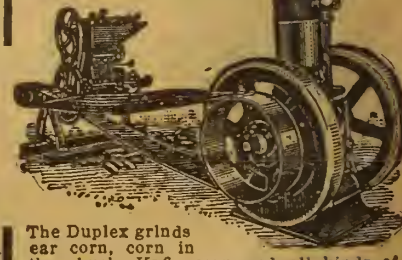
—Margaret E. Sangster.

#### VISIT THE SCHOOL.

Let me say to mothers, visit the schools oftener. Your children will not get the greatest good from the school unless you are interested in their work. Both teacher and children will welcome you and feel encouraged and strengthened to do better work because of your interest. And you will see for yourselves that the newer methods and devices for teaching the various subjects are not such folly as the stay-at-home mothers would have you believe. Read a teachers' magazine sometimes (you can borrow one if you can't afford to buy it) and you will find much in it that will be helpful as well as interesting to you. Teaching is a great work. Too often it is hindered through unjust criticism and condemnation arising from ignorance. Be sure you know the truth of a matter before you condemn the teacher.

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Most stories have more than one side, and what is only a misunderstanding may become much worse if we accept a half truth. Remember that the teacher can do much better work if you understand each other and are working in harmony for the good of each child.

**RURAL SOCIETIES.**  
The farmers' literary or reading circle can be made a useful source of information, and



these meetings may be successfully carried on, especially during winter months, when there is time for reading and writing. The members are invited to meet at different homes during the weeks of literary work to discuss topics of current interest. Papers should be prepared and read. To prepare a good paper will necessitate some diligent study, but if the farmer's table is filled with a goodly supply of agricultural papers and books of history, travel and various other good, wholesome literature, a wide range of thought is accessible and something appropriate for the club meeting can be easily and quickly selected.

Those not wishing a desultory method of reading may select a thorough course, such as the Chautauqua and Bay View Reading Circle.

Serving light refreshments to the guests present at the evening meeting may be made an enjoyable feature of the occasion.

**SMILES.**

An applicant for the post of mistress in a country school was asked: "What is your position with regard to the whipping of children?" She replied: "My usual position is on a chair with the child held firmly across my knees, face downward!"

The Married One—Oh, we settle our differences by arbitration.  
The Single One—And who arbitrates?  
The Married One—Oh, I do, of course.

"Dear me, Tommy, you eat a great deal for such a little fellow!" remarked Uncle John to his nephew.  
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For 150 pounds of meat, take one pound of granulated sugar, one quart table sirup, three ounces of saltpeter, four ounces of sal soda and rock salt to make brine that will float an egg. Use water enough to cover the meat well. Boil and skim until it is white, then cool until milk-warm and pour over the meat. Change the position of the meat in the barrel each week.

In three weeks, take out the meat and boil the brine, and skim, add one-half of the above ingredients and when it is cool, pour back on the meat. If pork or dried beef, take out in two or three weeks and smoke with cobs or hardwood.

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anywhere. You must not use barrel salt if it has lime in it; and you must be sure to take your meat out every week and change it around, so that the brine gets to every part of it.

After it is smoked, wrap it in heavy wrapping paper, sew up in a cloth and paint it thick with whitewash. The dry beef is made from the round divided in chunks, as the seam between the muscles will show you.—American Farming World.

**CHOICE RECIPES.**

**Apple Sauce Cake.**—Cream together one-fourth cupful shortening, lard or butter, one cupful sugar, one cupful apple sauce, one level teaspoonful soda dissolved in one-half cupful warm water, one teaspoonful each of cinnamon and cloves, a little salt and nutmeg, two-thirds cupful of raisins well floured and two cupfuls flour.

**Headcheese.**—Have a hog's head cut into four pieces, portions not used for food removed, and cut off all fat for lard; put the lean and bony parts to soak over night in cold water to extract the blood and dirt; then scrub and wash thoroughly; put over fire to boil in water to cover it, and boil until meat separates readily from bones; take from the stove, drain off the liquor, reserving a part for future use, and after removing bones, chop the meat fine with chopping knife; return to kettle, pour on enough of the liquor to cover the meat, and boil fifteen to thirty minutes; season well, to taste; turn into a pan or jar, cover with a piece of new cheesecloth, and put on a board, and weight to press it solid; serve cold, cut in thin slices.

**A Good Roly Poly.**—Here is one for roly poly pudding which will probably be new to some, and is always a nice change for desert: Make a light suet crust by taking a pound of flour, six ounces finely shredded beef suet, a tablespoonful sugar, a pinch of salt and half a pint of cold water; roll out to the thickness of about half an inch into an oblong shape; cover thickly with oranges which have been peeled, seeded and cut into small pieces; sprinkle with sugar; roll up closely, fastening ends securely by well pinching them; tie in well-floured cloth, tying each end, and plunge into boiling water; boil steadily for two hours, replenishing the water if necessary. It is well to leave a small margin of paste without orange where the pudding joins. Minced meat or jam of any kind may be substituted, and makes excellent puddings.

**AMONG OURSELVES.**

A fortnight ago when Miss De Vault entertained us so charmingly there was something I should have said and did not—a not infrequent happening, by the way. We not only welcome new ideas from members of this circle, but we must have them to keep it bright and attractive. Among Ourselves is like a body of water which is fed by many streams—if the inflowing streams fail it becomes stagnant. Latterly we have had unusually fine meetings, but I am like the loving woman who enthrones her husband upon a pedestal and then watches him with alternate joy and terror. Don't fail me, friends, whatever you do. If you have anything, a thought, suggestion or experience that might serve the circle, I pray you act in the spirit which brings Mrs. J. E. Grant before us today:

Today's sermon has spurred me up to write by making me desire to "pass on" some of the good things I have been hearing. I heard an earnest young minister say: "Too often our words are drowned by the rattle of our lives." True, isn't it? I heard a dear old lady say: "There is nothing so high or noble as the making of a home; to make it attractive and pleasant for those who toil for us." Surely that is within the reach of all of us. I heard the same lady say: "They censure me for being particular about my every-day dresses, but I tell them my home is where I spend most of my time and I want to look well there." Had you thought of that? I had not. I heard the thirteenth apostle (the apostle of sunshine) lecture recently and he told us, no matter how bad off we were, to always look ahead and we would see someone worse off than ourselves. That may seem hard to believe, but just try the truth of it. I've heard, oh, so many good things this last year, and so many useful things, too, that I want to tell young housekeepers about. What a help older housekeepers can be, if, like the lady mentioned above, they go about dropping words of help from their rich store of wisdom and experience.

While Mrs. Grant has been speaking, I have had an idea. Let us have a special meeting some time in March, when the program shall be made up of "Good Things I Have Heard and Good Things I Have Learned." All who are in favor of this suggestion will please prepare contributions and send them to me, marking the envelope in the lower left hand corner with the letters G. T.

And now we shall have a good thing passed on without suggestion—outside suggestion, that is, Aunt Belle, friends:

The day had been very gloomy, cool and cloudy, but just a few minutes before sunset what a transformation. The children playing in the yard left their sport to enjoy the beauty of a sunset that I have seldom seen rivaled. "Oh, mamma, mamma, come, quick!" And I left supper-getting and ran around to the west of the house to see the very zenith; such shades of red I never saw before. The trees and buildings took on a reflection of the glory, just as they used to at night when a prairie fire raged near. It lasted but a few minutes; then all was gray again, but no shades of night could steal away the memory of that sunset. This morning the sunrise came near being

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Perhaps your knife, when newly sharpened, will cut paper, but whittle hard wood for a few minutes—then try it. If you want a Knife, a Saw, a Chisel, a Plane, a Drawing-knife, or any edged tool that will hold its keenness through long, hard service ask for the kind marked

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**ANDERSCH BROS., Dept. 19**

Minneapolis, Minn.

as beautiful as that sunset, but in lighter shades, more silver than gold showing in the long shafts of light. Where are the other members of the Sunset club? Does our Mrs. Walker see these rare sights in the city? I fear not. Well, dear farmers' wives and daughters, tonight is the first number of our city's lecture course, and I am going to enjoy each number if health and weather permit. The good man purchased season tickets. Our club lesson or study yesterday was Bryant and there were several selections from his poems read, but my favorites were omitted, they being, "Thanatopsis" and "Forest Hymn." "The Planting of the Apple Tree" was voted the favorite. We study Sir Walter Scott at our next meeting and I anticipate an interesting program. Our membership numbers about twenty-six, I think; almost half of them are from the farm, or have been a few years ago.

Mrs. Walker is more fortunate than Aunt Belle supposes. The other evening about dinner time the Only Man called to me in an excited voice, "Come here, come quickly." I ran as fast as my feet could carry me in the direction of the voice, to find him—what do you think?—why, gazing at the western sky which was all aflame with the glory of one of the most extraordinary and magnificent sunsets I ever beheld in this land or any other. Next day I spoke of this sunset to several friends and found that a number of them had noticed it. I am hoping from this little experience that although we rarely have reports from our Sunset Club it is still alive and that other members could, if only they would occasionally bring us something along the line which Aunt Belle has given us today. We need both nature clubs and literature clubs. Let us hear from others who are watching and studying. Winter trees and winter birds are delightful objects of study. Can't we have a word about them from some one? Reports from club women have been so earnestly requested before that I shall say no further word about reports from them.

**FOX FUR**

MINK COON SKUNK WOLF

OTTER BEAVER BADGER MUSK RAT

**OF ALL KINDS**

**TO GET THE HIGHEST CASH PRICES SHIP TO THE OLD RELIABLE NORTHWESTERN HIDE & FUR CO. MINNEAPOLIS MINN.**

**Raw Furs and Hides**

Established 1886,

and now the largest Hide and Fur House in Iowa. Fair dealing has been our winner. Write for Price Lists and Shipping Tags.

**C. L. PERCIVAL CO.,**

1102 Cherry St., Des Moines, Iowa.

**SHIP YOUR FURS**

HIDES and PELTS

**To McMillan Fur & Wool Co.,**

MINNEAPOLIS, MINN.

Illustrated Circular Free to anyone interested in RAW FURS. Trappers' Guide. Free to those who ship to us

stand by their opinions and convictions? I am constantly asked by women not to use their names. Rarely does a woman request that her name and address shall be given, but here within a week are two men who crave the privilege of addressing the circle saying, "Please give my full name and address." Mr. Hirschel Short, Guildford,

Are men less afraid than women to



Kansas, asks for a discussion of the subject of dancing. We had a discussion regarding dancing and like amusements a few years ago, but perhaps it would be interesting to take it up again for a few meetings.

Mrs. B. J. submits the following communication:

I have just finished hutchering. Had to render lard and make sausage in the house, as it was disagreeable outdoors, and I would like to tell the sisters I had a lot of newspapers on hand and they were used freely to save the floors and table. By laying papers where you are liable to get grease and also using them to wipe grease off the stove, they saved so wonderfully I thought it might be a help to tell of it to our readers. We have hard water, and anyone who has used it knows how gummy the wash-dish will get. I put a spoonful or two of coal oil in the pan and took a cloth and rubbed it over the pan, and it cleaned it better than soap would. The cloth will then do to start the fire. I would like if some of the sisters could tell me how to join a quilt in what is called "slippers and garters." I had one long ago and cannot figure it out.

One of the most widely read home magazines in this country has among its departments one called "Discoveries." This department is made up of personal items contributed by readers; it is most interesting—men read it almost as eagerly as women—and it must be exceedingly helpful. If our readers would oftener do as Mrs. B. J. has done, pass on little housewifely wrinkles, we might close our meetings every now and then with a "Discovery."

#### Dressmaking and Millinery. No. 554.

Sylvia Silverthorne, Muscatine, Iowa. [All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

Some "requested" designs have been selected for this number, and as they are "staple" articles, not greatly varied as to shape or material from season to season, little space need be devoted to their description, but instead, an extra number may be added.

Perhaps the calls for the sleeping garment as shown in No. 5354 have preceded and outnumbered the others, so I will let it take first place. There are few children who do not prove restless in their sleep so that the problem of protecting them from the cold is a puzzling one to the solicitous mother. The night drawers that cover them literally from top to toe has become a favorite garment, but not always can one find just such a design as she desires. When making these it is well to remember that the feet are the first to wear out, and it will be found an advantage to cut two or three extra pairs of these when cutting the

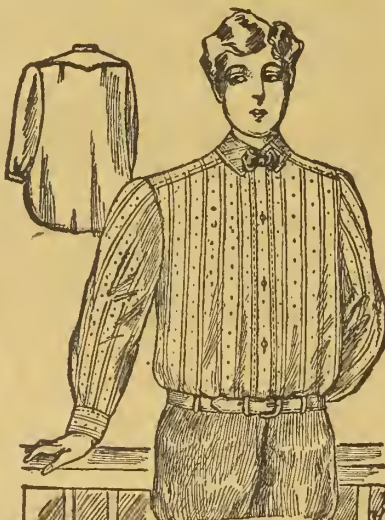
garment, then when those on the garment are worn they may be removed and others of the same material joined in their place. Another purpose for which this pattern may be used to advantage is for the union under-



[5354—Child's Night Drawers.]

suit for daytime wear. When used for this purpose the feet should be omitted, and the shaping at the ankle will adjust it a little more closely. Pattern No. 5354 as shown is cut in sizes for children of 2, 4, 6 and 8 years of age. Give age when ordering pattern.

No. 5484 pictures an outing shirt in the



[5484—Boy's Outing Shirt, 12 to 16 years.]

simplest possible design, and one that is a favorite for the every-day garment, as well as for those made for dressier wear. In the latter case the opening may be arranged to be made at the back, as it may also, if preferred, in the garment for general wear. The pattern provides also for separate or attached collar and cuffs. When

**SIMPSON**  
**EDDYSTONE**  
**PRINTS**

**Simpson-Eddystone**  
**Silver Greys**

What a shame to make a dress that fades, after all the work that is put upon it! Simpson-Eddystone Prints are of absolutely fast color, and enduring quality—the standard for over 60 years.

Ask your dealer for Simpson-Eddystone Silver Greys.

Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.

these are to be made separate, narrow hands finish neck and sleeves, these being included in the pattern. This pattern can be furnished in all sizes for men as well as for boys, and when ordering for boys give age, it being cut for 12, 14 and 16 years, and for men it is cut for 34, 36, 38, 40, 42 and 44 inches chest measure.

No. 5477 pictures a dainty corset cover that is very simple and easy to make. Tucks adjust it at the back and at the waistline at the front, while the neck is adjusted by means of beading, run with baby



[5477—Corset Cover, 32 to 40 bust.]

ribbon. The fancy hertha is cut from a handkerchief, and is itself joined to the waist by threading through the heading on it and on the waist at the same time. Being made separate it may be used or omitted at will. The hertha may, of course, be cut from any material and trimmed as liked. There is a basque portion that is joined at the lower edge. No. 5477 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

A 240-acre farm which must be sold at once to settle an estate will be disposed of at a bargain. It is located in Osage county, Kansas, six miles from Osage City. This farm has ninety acres in cultivation, twenty-four acres in alfalfa and blue grass fenced hog tight, 104 acres in hay meadow and the balance in pasture; twenty acres of good bottom land and twenty acres of nice timber, with an eight-room house in nice condition, with barn and other outbuildings. It is on a rural free delivery route and telephone

**COILED SPRING FENCE**

Closely Woven. Can not Sag. Every wire and every twist is a brace to all other wires and twists full height of the fence. Horse-high. Built-strong. Pig-tight. Every rod guaranteed.

**30 DAYS FREE TRIAL**

and sold direct to farmer, freight prepaid, at lowest factory price. Our Catalogue tells how wire is made—how it is galvanized—why some is good and some is bad. Its brimful of fence facts. You should have this information. Write for it today. Its Free.

**KITSELMAN BROS.,**  
Box 290 MUNCIE, INDIANA.

**ANCHOR FENCE**

Combines strength and beauty with long life. Large, hard steel wires. Heavily galvanized.

Farm and Ornamental

Handsome, easy to build, always stands erect. Ask for Fence Book 12.

**ANCHOR FENCE & MFG. CO.,**  
Cleveland, Ohio.

**BROWN**

**HEAVIEST FENCE MADE**

All No. 9 Steel Wire. Well galvanized. Weighs 1/4 more than most fences. 15 to 85¢ per rod delivered. We send free sample for inspection and test. Write for fence book of 133 styles. The Brown Fence & Wire Co., Cleveland, Ohio.

**DON'T RUST FENCE**

Galvanized so heavily can't rust. 40 Carbon Spring Steel. No agents. 30 days' free trial. Farm and Poultry Fence Catalogue No. 57. 40 Styles Lawn Fence, Catalogue C. One or both free.

**THE WARD FENCE CO.,**  
Box 20, Marion, Ind.

**FENCE Strongest Made**

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today.

**COILED SPRING FENCE CO.,**  
Box 20, WINCHESTER, INDIANA.

**ST. JACOBS OIL**

The Proved Remedy For Over 30 Years.

Price 25c and 50c

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Price 25c and 50c

**ST. JACOBS OIL**

The Proved Remedy For Over 30 Years.

Price 25c and 50c

line. Messrs. Olander & Rapp, of Osage City, Kan., ask readers of The Homestead in search of a good farm to visit them and look at it. They also ask our readers to send for their list of Osage county farms which they have for sale. Their advertisement appears on page 25 of this issue.

**RHEUMATISM**  
AND  
**NEURALGIA**

**ST. JACOBS OIL**

The Proved Remedy For Over 30 Years.

Price 25c and 50c

**THIS PIPE FREE**

**THIS HANDSOME PIPE FREE!** Full sized dark mahogany finished, stimulation genuine French Rehar. Handsome bowl and stem with German Silver ferrule giving the whole pipe a very rich appearance. Screw stem is detachable, bowl is large, the pipe is sweet and affords as delightful a smoke as the best pipe made. You can get one absolutely free. All we ask you to do is to send us two names and addresses of farmers and 25 cents for 6 months subscription to Successful Agriculture, the finest and nearest farm publication in the United States. Full of beautiful halftone illustrations with a department for every branch of home and farm and page of fashions for the ladies. Send us 25 cents today, stamps or silver, to cover 6 months subscription to the paper. The pipe is free.

**SUCCESSFUL AGRICULTURE,**  
205 Union Block, ST. PAUL, MINN.

30925

**MANLEY ORION**

**2d PRIZE, IOWA STATE FAIR, 1906**

Manley Orion 30925, conceded one of the best representatives of his famous sire, old Orion, is now at the head of the herd of Mr. S. P. Freed, of Ames, Iowa. He has been right at the top of his class at the last two state fairs. As a breeder he has surpassed all expectations. There will be twenty-one gilts and nine yearlings by this sire, and a number of sows bred to him in Mr. Freed's sale on February 11, 1907. Here is a splendid opportunity to get some of the get of this great boar.



OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

TICKS.

The following inquiry has been received from one of our subscribers:

Do you know of any remedy to rid sheep of ticks? I would also like to know something of the general management of sheep in the winter time.

The most practical and only sure way of disposing of ticks on sheep is to dip them. Ticks are easily destroyed by any of the standard dip preparations on the market, or a strong tobacco ooze made by boiling tobacco stems will do the work quite effectively. Sheep should be dipped in the fall prior to cold weather and then they will be free from ticks, etc., during the winter. Dipping in the spring following shearing time, including the lambs too, is also beneficial and worth while. It not only destroys ticks, but other parasites also, and promotes the general health of the skin and the fleece. Dipping in the winter is rather inadvisable, but if the ticks are very numerous we would not hesitate to dip, choosing a mild day and then housing the sheep warmly until they were dry.

As to the general management of sheep during the winter, the following points should receive attention. Let the flock run out in the pasture during the day, as they will pick up considerable succulent feed about the pastures. For roughness, feed clover hay and corn stover. Alfalfa hay, if you happen to

The lamp is yet to be made for which I haven't made a chimney that fits.

MACBETH on lamp-chimneys means fit and freedom from all chimney troubles.

A MACBETH chimney doesn't break from heat.

My Index gives a fuller explanation of these things, and may be had for the asking.

Address, MACBETH, Pittsburgh.

have it, is a very superior feed for sheep, but feed as little timothy hay as possible to sheep, corn fodder being much more preferable. For the grain ration, oats and corn, one-third corn by weight, is good. For the ewes add a fourth of bran. If you have any roots they will be much relished and should be fed once per day. Salt regularly, or, better still, have salt at hand at all times. It is very essential, too, that sheep have pure, clean water. Quietness in handling, cleanliness in feeding and watering, and regularity of feeding are characteristics of the successful sheepman.

Remember that at this time of the year the ewe is maturing an unborn lamb and also producing a fleece of wool. Both of these functions call for a narrow or nitrogenous ration.

It is wrong to allow the sheep to run down. "An ounce of prevention is worth a pound of cure." Don't be too stingy with the grain ration.

Don't frighten and abuse the sheep. Go among them quietly, acting as if you were in their way rather than they in yours.

THE MARKETS.

Chicago, Jan. 26.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Jan. 19...	105	82	16,443	2,324
Mon., Jan. 21...	27,982	971	35,042	26,053
Tues., Jan. 22...	7,258	1,460	20,623	20,521
Wed., Jan. 23...	28,171	1,730	35,926	34,606
Thurs., Jan. 24...	8,161	1,121	29,781	12,669
Fri., Jan. 25...	2,317	360	24,564	4,407
Sat., Jan. 26...	300	50	15,000	1,500

Total this w'k.	73,289	5,692	160,936	99,756
Previous week.	77,266	7,433	198,736	93,688
Cor. week 1906.	63,190	3,849	209,433	69,418
Cor. week 1905.	70,634	3,288	21,050	79,002

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Jan. 19...	254	4	5,275	...
Mon., Jan. 21...	7,332	...	9,963	3,210
Tues., Jan. 22...	2,825	223	6,961	2,356
Wed., Jan. 23...	7,259	36	10,519	3,696
Thurs., Jan. 24...	6,914	73	9,199	4,946
Fri., Jan. 25...	5,793	119	5,191	3,248
Sat., Jan. 26...	300	10	1,000	...

Total this w'k.	30,423	461	41,833	17,456
Previous week.	29,425	678	40,543	12,691
Cor. week 1906.	26,894	153	57,554	14,759
Cor. week 1905.	31,471	736	47,418	20,119

OTHER MARKETS.

National Stock Yards, Ill., Jan. 26.—Cattle—Receipts, 1,500, including 1,300 Texas; steady. Hogs—Receipts, 5,000; 5@10c higher; top, \$6.87½; bulk, \$6.70@6.80. Sheep—Receipts none.

South Omaha, Neb., Jan. 26.—Cattle—Receipts, 100; unchanged. Hogs—Receipts, 5,800; 10c higher; closed weak; top, 6.77½; bulk, \$6.65@6.70. Sheep—Receipts, 1,200; steady.

Sioux City, Iowa, Jan. 26.—Hogs—Re-



America's Master Oculist.

ARE YOU INTERESTED IN

Modern Treatment FOR YOUR EYES?

Send me your name and address—a postal card will do—and I will send you my 80-page book, "Eye Diseases—Their Cure Without Surgery." It is illustrated in colors and tells you how defects of the eyes, even cross-eyes, are cured without the knife. It is free for the asking.

P. C. MADISON, M. D., Suite 308, - 80 Dearborn St., Chicago

Break Loose from the Creamery Trust ORGANIZE, CO-OPERATE AND CONTROL YOUR PRODUCT

Ship Us Your Next Can of Cream and Get Our Prices

You do the hard work of dairying and you ought to reap the profits. You won't get them so long as you are at the mercy of combinations and trusts. Join with 2000 Iowa Farmers to manufacture and market your own product. Cut out the gamblers and speculators who are standing between you and the consumer. Our association has already in eight months forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa. Membership growing rapidly and the trust is on the run. Won't you join us at once for fair treatment now and future protection? Write today for prospectus and full particulars. Ship us a can of cream and get our test and prices.

FARMERS' CO-OPERATIVE PRODUCE CO., DES MOINES, IOWA.

We save our members and patrons from 20 per cent to 50 per cent on farm supplies, by having for them direct from the factory at factory prices, cutting out all dealer's and middlemen's profit. For example the Farmer's Friend Separator Capacity 450 to 500 pounds, made for our members in the best factory in the world, fully guaranteed to excel any \$90 standard separator ever made, for only \$55. In efficiency of skimming, mechanical construction, easy running and durability, it has never been equaled. Send for our co-operative catalog of separators, washing machines, windmills, feed grinders, harrow carts, corn markers, corn shellers, etc. We give the best that money can buy direct to the user at factory prices.

SHEEP.

Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Ewes for Sale

THE Iowa State College is offering twenty Shropshire, Oxford and Southdown ewes for sale at very moderate prices. Address,

DIVISION OF AGRICULTURE, AMES, IOWA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

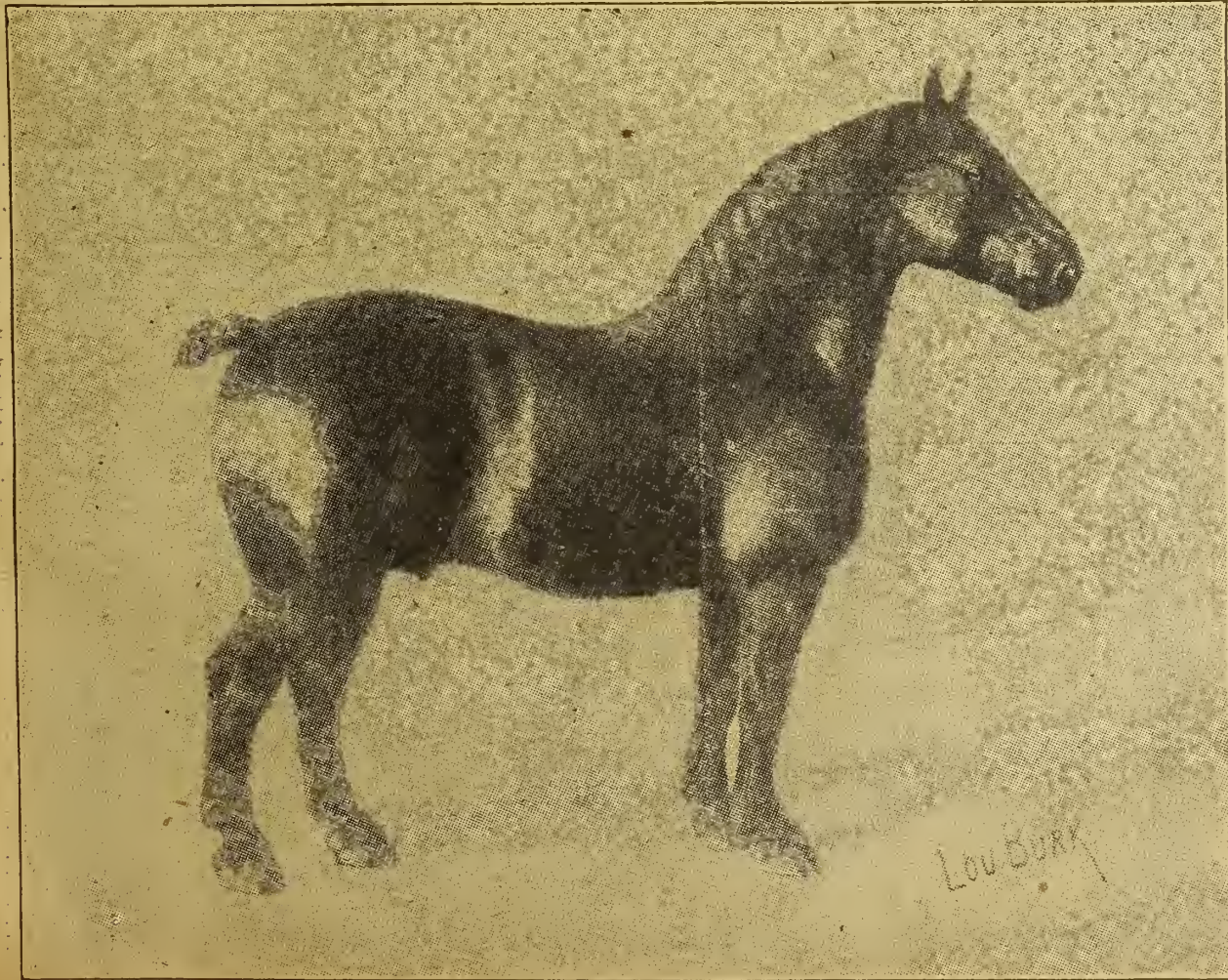
Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

15 Registered Shropshire ewes, bred to imported Minton ram. W. C. Frazier, Atlantic, Cass county, Iowa.

of our readers to some very good reading matter along this line on page 8. Mr. Henry Field, one of the most prominent Iowa seedsmen, is located at Shenandoah, Iowa. The reason for his notoriety is that he has made a business of selling "real" seed corn. He apparently has the whole business down to a fine point. We are certain that those interested in good seed will find some very timely hints in what Mr. Field has to say. Therefore we are going to ask those who read this to carefully consider the matter of where they are going to buy their seed the coming season. With good seed to start with, it is not such a difficult matter to grow a crop, but with poor stuff that will not germinate under any conditions it is next to impossible to raise crops. Mr. Field will make you a splendid seed corn proposition. Give him a chance to "show you" and we feel quite safe in saying that if you plant your crops with Field's seeds you will have more money in the bank next fall. See advertisement on page 8.

Seeds Guaranteed to Germinate.

The farmer who is buying clover seed cannot be too careful about its germinating qualities and its purity. A little care in this matter may save a great deal of future annoyance and loss. More of the success in crop growing depends on the kind of seed that is put into the soil, probably, than on any other step in the growing of seeds and grains. The only way to be sure of getting seed is to buy from the most reliable firms in the seed business. There is often a temptation to buy inferior seeds because they are a few cents cheaper than first-class seed. But just stop to think of it a minute. At the most, it is possible to save only a few dollars by buying cheap seeds. At the least, it is more than likely you can lose a hundred times as much as you gain. This is only one side of the seed question, but it is one you cannot consider too carefully. The Adams Seed Company, of Decorah, Iowa, is a firm that sells strictly reliable seed. They could not afford to sell anything else, for they are in the business to stay. Should any of our readers give them a trial order for seed corn, garden and flower seeds, we feel quite certain they will be satisfied. Send for their catalog at once if you have not yet secured it. When writing to this firm kindly mention The Homestead. See advertisement on page 10.



Champion Percheron Stallion, Kansas State Fair, 1906. See the advertisement of Messrs. Robert Burgess & Son, of Wernona, Ill., whose sale of Percherons, Belgians, Shires and Hackneys will be held at Wichita, Kansas, February 22, 1907.



## The Evolution of a Four-Tine Manure Fork.

Think of it! Twenty-five expert toolmakers and eighteen assistants are required to manufacture a four-tine Manure Fork that you can buy for about seventy-five cents. Thirty-three intricate machines, forges and devices of special invention, and worth thousands of dollars, are also employed in the making of this fork.

This interesting information is furnished by the American Fork & Hoe Company in its free book, "Tools and Their Uses," in connection with the establishment of its True Temper line of farm and garden hand-tools. This is one of the important steps of the year in the implement world, accounts of which are being widely published.

The evolution of the four-tine Manure Fork is fairly illustrative of the remarkable development of specialization in manufacture, not only in this kind of tools, but in all lines of high-grade products.

In the old days—days not so old, however, that they are beyond the memory of the active generation of today—the individual craftsman did all the work on an article from beginning to completion. He wrought in wood and iron.

With the vastly multiplied demands of the present, and the necessity of turning out a thousand tools to the old artisan's one, more than two score men have come to take his place at forge and bench.

The process of making each individual pattern of tool is necessarily different, but the four-tine Manure Fork gives a good idea of how much effort and expert ability is put into the best modern tool as exemplified by the True Temper line.

The first operation is that of "blanking." A large power machine operated by two men cuts the form shown by figure 1 from a steel bar which has been heated in a furnace.

The form is then "center headed" as shown in figure 2. This form is the result of heating the preceding form and subjecting it to the operations of another large special machine operated by one man.

The indentation on the underside produces the space between the two center tines, making the head the right size and injects the superfluous metal into the shank part.

In the third step the bar is "shank drawn." The last form is heated and a shank is drawn from the little keystone appendage, and pointed by means of a large machine hammer operated by one man.

The steel bar is then "split and spread." That is, the two ends of the bar are heated, cut and spread so as to form four projections as shown in figure 4. These projections are to provide the tines of the fork.

The tines are then "rolled." The four extending arms of each separately ended into the tines. One furnace machine operator is necessary at work is difficult more time and ship than one.

In the next step we see the piece beginning to take the form of a fork. It is now "shaped." The steel is heated again and subjected to the operation of two machines. The hammer and anvil are also brought into use by the expert operator who inspects and trues up the fork at this stage.

The fork is now ready to be "trimmed and pointed." The ends of the tines are cut off evenly and of the proper length by a machine with one operator. Then it passes to a special machine, where one man does nothing but put sharp, smooth points on forks.

The most important stage in the fork's production comes when it goes through the last actual forging shop operations, to be "dished, shaped and tempered."

The fork in its unfinished shape up to this stage is completely heated and placed in a machine former, which gives it the proper dish and final accurate shape.

**Famous "True Tempering Process."** It immediately goes through the famous secret "True Tempering Process," perfected by the American Fork & Hoe Company, after years of experience and obvious reasons, the process is claimed for it, however, that it brings the tool up to the highest degree of toughness, and gives the elastic "spring" so much sought after by toolmakers.

During the final operations, the fork is critically inspected and trued up on the anvil by hand and hammer.

The men who do this work are experts, skilled to the highest degree in tool making, and when they have tempered and passed a fork, it is indeed genuinely TRUE.

**Subjected To Severe Tests.** Three rigid tests are now applied to the fork to see that it has (1) the proper elasticity of

temper, (2) the required toughness of temper, (3) accurate dimensions.

These tests are intended to break or bend the fork in case there are any imperfections in the steel or temper. Only a most excellent fork will stand such severe tests and seldom will any fork receive such hard usage on the farm.

That is how "True Temper" tools are proved "highest grade by special test."

After the tempering and testing, the fork goes to the finishing shop, where it is subjected to the operations of three machines. It comes out with a bright, smooth, metal polish.

In the next step, the fork is treated to a special liquid solution, which prevents rusting or corroding. It is then stored away, preparatory to driving on the handle, ferrule-cap and ferrule.

### The Making of the Handle.

Second-growth ash timber suitable for handles is first selected in the tree. After it is cut and delivered to the mill, it is sawed into planks and then into squares of proper dimensions and lengths for handles.

Then the squares are "inspected and sorted" according to their fitness for Hoe, Fork or Rake handles. Every piece of timber is especially selected for a particular kind of tool for which it will make the best handle.

The gracefully shaped handle is "turned," or cut down from the rough-sawn square piece of timber, in an automatic machine.

The handles are now inspected and sorted again and those of highest grade are selected for True Temper tools.

Then the roughness is taken off by passing the handle through a large sanding machine.

Next, it is steamed and properly bent. Dried in this bent position, the shape is retained permanently. Great care must be exercised to bend the handles the way of the grain of the wood.

The bent end is then machine bored and shaped ready for the steel parts.

The ferrule and cap are next driven on, and the shank of the fork into the handle at one operation. One machine and two men are required.

Following this the handled fork is trued up and inspected by an expert with a practiced eye. The "bang" must be accurate to a dot, before he passes it as a correctly made tool.

At this point, the handle is treated to the operations of a coarse sand polishing machine. Then it is fine sanded, to give it a smooth finish.

And to give the handle a still better appearance and protect it against weather, it is subjected to a special waxing machine, which gives it a bright, glossy polish.

The fork now goes to the final finishing room, where part of the metal is enameled and bronzed, and the handle is labeled "True Temper."

A dozen forks are carefully hooded with cloth, the handles wrapped in paper, and they are stored ready for shipment.

Each operation on a tool is performed by a skilled toolmaker, who is an adept at that one particular kind of work. He is carefully trained to do just that one thing, and to do it perfectly.

The finished product is an article far superior to that of the old individual craftsman who did all the work, for the best knowledge of mechanical science is utilized. The expense of manufacture has been greatly increased, but the price has been kept down by the enormous number turned out, and the great amount of business done.

### ADVERTISING NOTES.

Mr. James E. Seaton, of Vernon, Kan., is offering a well-improved farm of 236 acres for sale or exchange in his advertisement that appears on page 24 of this issue of The Homestead.

Readers of The Homestead interested in sheep should read the advertisement of the Allen Land & Loan Co., of Laurens, Iowa, which appears on page 24 of this issue of The Homestead.

Messrs. Aye Bros., of Blair, Neb., are offering Kherson seed oats for sale in their advertisement that appears on page 15 of this issue of The Homestead. This variety of oats they say will not lodge or rust and is a big yielder.

A general merchandise stock of about \$7,000 is offered for sale or in exchange for a farm, by the owner, in an advertisement that appears on page 24 of this issue, the address of which is, Owner, C. H. M., care of The Homestead.

Mr. N. C. Dunlap, manager Watson's Ranch, of Kearney, Neb., is in need of help for orchard and farm work. The advertisement offering positions to two married men, to whom separate houses and garden patch will be furnished, appears on page 10 of this issue.

Mr. Charles Howell, of Rockford, Iowa, proprietor of the Howell Jersey Dairy, makes the announcement on page 15 of this issue that he desires a single man to work on his dairy farm. He must be a good milkman. He also wants a capable woman to do general housework.

Mr. B. F. Lepper, of Flatwillow, Mont., wants four first-class farm hands on his Montana ranch. He prefers them to be twenty-five years and older and no drinkers or gamblers need apply. The advertisement, giving the rate of wages per month, appears on page 15 of this issue.

Mr. H. F. Hand, one of the most solid and influential farmers of Colona, Henry county, Ill., says: "I used Delany's No. 2 seed corn sorter and have the best stand and the best seed corn in my eighteen years of experience in farming. I did not find the work of separating tedious. I used part of two half days." His address is R. F. D., Geneseo, Ill. See advertisement on page 9.

Record number 45610: Case of poli evil; hunch on head large as ten-quart pail; five large pipes and many small ones; discharge very profuse and foul; abandoned as incurable. Owner cured the case by using two bottles of Fleming's Fistula and Poli Evil Cure. Fleming's vest-pocket veterinary adviser free if you write to Messrs. Fleming Bros., 210 Union Stock Yards, Chicago.

### COAST COUNTRY LAND.

If you want to go where land is cheap and the crops are big, read the advertisement of the Alamo Beach Land Company, of Kansas City, Mo., on page 24. They guarantee that

# WHY SUFFER WITH Catarrh

When you have at your very doors a treatment of twenty-five years' successful curing of the most chronic cases—hundreds of my patients are willing testimonials to the success of my treatment. It is not what I say for my remedies, but what the cured ones say that should convince you of my reliability and ability to do as I tell you I can.



T. F. WILLIAMS, M. D.,  
Consulting Physician.

Rev. W. C. Turner, Columbus,  
Sabine Parish, La.,

Writes under date of Dec. 9, 1906: "I cannot tell you with pen and ink how much I thank you for your treatment. I feel like a new man, have gained eight pounds in twenty days. I feel as well as I did ten years ago. Can do more work and do not get as tired."

Fred Vogt, Elkader, Iowa,  
Says in a letter written Nov. 27, 1906: "I do not need further treatment for I am completely cured. I shall always thank you and your medicines for the good they have done me."

Cut out this Free Coupon and send to me TODAY.

### FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,

211-218 Crocker Building, Des Moines, Iowa.

Please send me free Symptom Blanks with a view to my taking your free month's treatment.

NAME .....

ADDRESS .....

one-half of one crop will pay for the land. Write them for particulars.

### GO TO TEXAS.

Readers of The Homestead that want to buy land in the great Panhandle country of Texas ought to read the advertisement of Messrs. Bayer & Peterson, Kansas City, Mo., in the Lands and Homes Department. This firm is offering land at away below regular prices, and the land is first class in every way. Write them for full information.

### MUSGRAVE FENCE COMPANY.

In any locality there are always a few concerns that seem to be a part of it; seem necessary to the community. This is the case with the Musgrave Fence Company. They have been in business in the city of Des Moines for years and are known as a perfectly reliable firm. They manufacture and carry on hand, ready for shipment at any time, a full line of fences and gates.

### ABOUT SCARS ON HORSES.

There are thousands of horses throughout the country with scars, and consequently thousands of horse owners that would like to rid their animals of these eyesores. It is not generally known that it is possible to remove an old scar tissue and heal with hair on and leave no blemish. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass., has issued a small printed slip giving detailed instructions for removing scars with Absorbine that should be in the hands of every horse owner. It is free for the asking. A postal will bring it.

### BELLE CITY THRASHER FOR SALE.

Having rented the farm, Mr. N. A. Lind, of Rolfe, Iowa, has some special bargains to offer which include a twenty-four-inch thrashing machine mounted on trucks. It is complete in every way and includes a self-feeder, stacker, complete grain elevator and spout and an attachment for steam or gasoline engine. He also offers one twenty-horse power boiler and one fifteen horse power Frost engine, both in good condition. Besides this there is some creamery machinery, including a De Laval separator. Here is an opportunity to secure some good machinery at a bargain. Those of our readers who are in need of any of the above will find Mr. Lind a very fine gentleman to deal with. See the advertisement on this page.

### THE LITTLE STAR GRAIN AND SEED CLEANER.

Those who expect to buy a grain grader this year should look into the merits of the Little Star Grader and Cleaner. It is made by the Hall Grain Grader Company, of Winfield, Iowa, and is described in an advertisement on page 18. If all the small grain that is sown on the average quarter section farm in the corn belt were run through a Little Star Grader this spring it would increase the yield millions of bushels, and it would do more than that—it would greatly improve the quality. The Little Star gives you the heavy grain, and that is the kind of grain that gives the strong plants. In addition to the grading of small grain, screens Nos. 8 and 9 of the Little Star are adapted to the grading of corn. Indeed, corn run through this mill will give almost a perfect stand in an edge-drop planter. You therefore have two uses for this one machine, namely, the cleaning and grading of small

## FOR SALE

ONE 24 in. Belle City Thrashing Machine, mounted on trucks, (wood wheels), self feeder, 18 ft. folding stacker, grain elevator with long swinging spout, 8-H, triple geared "F" sweep power, attachment for steam or gasoline engine. All in good condition, nearly new. One 20-horse boiler in good condition. One 15-horse Frost engine in fine working order. One Alpha De Laval cream separator for creamery, in good running order. Having rented my farm the above is for sale at a bargain. Address, N. A. LIND, ROLFE, IOWA

## RAW FURS.

We pay higher prices on all furs, as we are manufacturers. A trial shipment will convince you. Catalog and shipping tags upon request. SEFRIN & GLICKMAN, Manufacturing Furriers, 508 Locust, Des Moines, Ia.

**Beery Bit Controls**  
any horse, any time, any place, sure. Your dealer should have them. If not write me for my trial offer. PROF. J. A. BEERY, PLEASANT HILL, OHIO.

**WANTED:** Men everywhere to tack advertising cards and distribute advertising material. Salary \$21 per week. \$3 a day expense allowance. Unity Supply Co., Desk 7, Chicago.

grain and the grading of corn. Its cost is \$19.98 with the freight prepaid. Remember that the Little Star is guaranteed. Send order at once to the Hall Grain Grader Company, 224 Locust St., Winfield, Iowa, or write for information, and please mention The Homestead when you write.

### THE UPS AND DOWNS OF AN INVENTOR.

"Was born and raised on the farm, was a boy behind the hoe, sure enough. At the age of twenty-one went into partnership with a farmer's daughter and together we started out for better or worse, as the case might be later on." So reads the opening paragraph of a very interesting and entertaining story in one of the nearest incubator catalogs that we have seen for some time. The M. M. Johnson Co., of Clay Center, Neb., is the donor of this catalog. Mr. Johnson is an old breeder in the poultry business, and those who have kept in touch with the best poultry journals of the day are very familiar with seeing his name attached to some of the best articles that have appeared in their columns. While Mr. Johnson feels that he is pretty well acquainted with the poultry raisers of the country, he still realizes the highness of the proposition of knowing them all and feels that he is a stranger to lots of poultry men and women. Accordingly the catalog has been issued so as to get further acquainted and to visit with old acquaintances. While the book deals to a slight extent with some interesting literature aside from incubators, it is not issued for that purpose, but rather to tell people more about the famous Old Trusty incubators and brooders. Nothing but the most practical ideas have been incorporated in the designing of the different poultry appliances that are set forth in this catalog. Each number is a leader in itself and is explained to the last detail so that readers will find the book a very satisfactory one when it comes to look-

**We Will Pay Men \$85 Per Month**  
to travel, collect names, advertise and give away samples. Expenses advanced. Write today. H. M. Rider Co., Chicago



ing over its pages. The poultry business is getting to be more of a specialty each year. People who would succeed in this profitable vocation must be every-day students of the many hundreds of problems that confront the successful poultry grower. An up-to-date poultryman cannot afford to be without the information that is contained in the above mentioned catalog. We know the catalog will be a great source of pleasure to those on whose desk it finds a place. This is why we recommend everyone who is interested in poultry matters to send for the booklet. On page 12 will be found more regarding the Old Trusty incubator and poultry appliances. Kindly mention this paper when correspond-

A BANKER'S TESTIMONY.

Probably no institution in the United States has such a wide reputation for successfully treating rectal diseases as the Drs. Thornton & Minor institution, at Kansas City. For thirty years these physicians have been treating such cases successfully. Mr. W. H. Allen, cashier Bank of Eldorado Springs, Mo., writes as follows: "It always gives me pleasure to recommend your treatment. It is now over twenty years since I was cured of piles, and I never fail to recommend your treatment to my friends." This statement, coming from a man of high character, only shows again the satisfactory and permanent treatment Drs. Thornton & Minor give patients. See their advertisement in this issue and write them for full information.

LEARN DRESSMAKING AT HOME.

How often one hears the expression, "I wish I could make my own clothes," and now we have found a way by which the women in the house can learn in a very short time how to make their own dresses and, in fact, all there is to learn about dressmaking. The National Correspondence School of Dressmaking, of Des Moines, Iowa, is conducting a most successful school in this line of teaching. All the teachings of this school are easily learned by mail. The terms of tuition are very reasonable, and any ambitious woman can improve her position quite materially by taking a course in this school. Write today for circulars and catalog of this school, and start in the new year with a determination to master the art of dressmaking, and thus improve your position in life. Dept. A.

TELFER'S NEW CATALOG.

On page 18 of this paper will be found the advertisement of the Telfer Carpet Company, in which they announce their new bargain catalog of carpets, rugs and curtains for this season—a catalog which is always in big demand with readers of this paper. The catalog is compiled by Mr. Telfer personally, who is a recognized authority on all matters pertaining to carpets. It not only quotes the very lowest prices on all grades of floor coverings and curtains, but gives besides information in regard to the different kinds of carpets and rugs that is of real value to the prospective purchaser. The book is a real work of art, the various patterns being shown in their actual colors and Mr. Telfer states that he is especially anxious to send a copy to every reader of this paper, as they have purchased thousands of dollars worth of Telfer's good carpets and rugs within the past five years and his business relations with them have been of the most pleasant nature. He also further states that they are an intelligent class of buyers who thoroughly appreciate good floor coverings. The writer personally cannot only vouch for the merits

of these high-grade carpets, but for the business integrity of the concern as well, and he advises every reader to write without delay for this, the handsomest carpet and rug book that will be issued this season.

THE ADVOCATES OF COTTONSEED MEAL

are growing in number in every community. Cottonseed meal is destined to become one of the principal feeds for the careful stock feeder. The reason for this fact is evident. Cottonseed meal supplies exactly the necessary protein to balance corn. Moreover, it supplies it very cheaply and in a very palatable form. We are expecting to see more cottonseed meal fed every year. The best way to buy this by-product is direct from the best commission firms in the South. One of these firms makes an announcement in this issue on page 15. We are very glad to introduce our readers to Messrs. Lampkin & Co., 54 De Manil Bldg., St. Louis, Mo., as being dealers in guaranteed quality of this valuable by-product. Kindly refer to their advertisement and mention The Homestead when writing to them.

THE TREATMENT OF CONTAGIOUS ANIMAL ABORTION

has met with failure at the hands of more breeders than any disease known that afflicts farm animals. The fact is, it is one of the most aggravating and perplexing maladies to be confronted with. Only by the most careful and persistent effort can the disease be checked and eventually prevented. When all known means fail there always remains one which perhaps has been untried. If your herd has ever had a case of abortion it is time to act. Do not wait until you have another case on hand to convince you that the first was not caused by accidental injury. Get right to work at once and secure a free book on abortion by sending to Mr. H. W. Kellogg, of St. Paul, Minn. It tells all about a most successful treatment for abortion in farm stock. This method is highly recommended by the best breeders. Don't delay, but send with the first mail man for this free book. See page 11.

DELAYS ARE DANGEROUS.

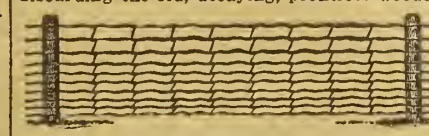
Many times the delay of one or two months will develop such a condition that sufferers from catarrhal troubles of the nose, throat, bronchial tubes, stomach and lungs find themselves beyond the power even of relief, to say nothing of a permanent cure, with the ordinary treatments. Dr. T. F. Williams, of Des Moines, Iowa, has successfully treated the most severe cases of catarrh and has testimonials from hundreds of cured patients. The terrible death rate due primarily to catarrh in some of its various forms has been due to the neglect of the sufferer and the lack of proper remedies for treating the disease. For more than a score of years Dr. Williams has given his personal attention and research to the cure of catarrh in its various forms and has succeeded in developing a treatment that is rapidly gaining national prominence. To give all, rich and poor, an opportunity to test the curative powers of this treatment the doctor will send free of charge a full month's treatment to every person who will fill out the coupon found on page 22.

THE 1907 GIRL YOURS FOR THE ASKING.

Have you made her acquaintance? Now is your only chance. After much trouble and expense the Sharples Separator Company, of West Chester, Pa., have succeeded beyond their hopes in reproducing from life, in the softest and faintest colors, the sweetest dairy maid that ever graced a cream separator calendar or was ever offered by any cream separator company as a free picture suitable for framing. This calendar and this free picture are like the Sharples Dairy Tubular Cream Separator—you can't appreciate either of them until you see them. Worthy a place in every home. The Sharples Separator Company will send the calendar with this picture on it to you, free, for the names of two neighbors who keep cows but have no tubular cream separator. Or they will send free the same picture, made larger for framing and without the calendar pad attached, for the names of five neighbors who keep cows but have no tubular cream separator. Calendar and picture both sent free for names of seven neighbors who keep cows but have no tubular. Write at once before the supply is gone, sending two names for the calendar with smaller picture on it, or five for the large picture without calendar pad attached, or seven for both. You must mention the name of this paper to get them. Address the Sharples Separator Company, West Chester, Pa., Chicago, Ill., Toronto, Can.

RICKETY FENCES DEPRECIATE FARM PROPERTY.

"The clothes don't make the man—but they help," says the old proverb. Good fences don't increase the fertility, but they make the market price higher. Take two farms—one properly fenced—the other with gaping holes for stock to rush through to the neighbors' fields; with tumble-down posts and dilapidated boards, half up-half down; which will you buy? Which will bring the most at a forced sale? Wise farmers are looking at all these outward appearances. They are discarding the old, decaying, profitless wooden



fence. They are replacing it with one that is strong and durable like the Brown fence. This is a fence that farmers say is at least one-fourth heavier than most woven-wire fences; that it doesn't get "haggy or saggy;" that it is easily put up. One of the best things about a Brown fence is that is seldom needs repairs. It is so heavily galvanized, the wires are so solid and strong—being made of high carbon, hard-coiled steel spring wire—that they cannot rust for years and will successfully resist all the varying changes of frost and Sunshine. The up-rights are the same size as the horizontals. When a Brown fence is up, it is up "to stay up." Two more good things that the Brown Fence and Wire Company, Cleveland, Ohio, do for the farmer: First, They send a free sample of the fence so that every man can examine it as his leisure. He can hammer it, file it, dip it in acid, heat it—test it any

# Purinton Steam Feed Cooker

Quick and Economical.

Oldest and most successful feed cooker on the market. Gets up steam quickly.

**Takes Little Fuel and is Absolutely Safe.**

Use wood, cobs, coal or anything burnable.

Provided with supply tank for refilling while steam is up, and double jointed cooking pipe which can be put into barrels around boiler without unscrewing.



Free Trial Offer.

We are so sure of the merits of our cooker that we send it out on

**A Week's Free Trial,**

without signing of notes or other obligations, to be paid for if it proves satisfactory.

If we hadn't the utmost confidence in our boiler we couldn't afford to do this.

Made in various capacities to suit all requirements.

Send for catalogue today.

**CRESCENT FURNACE & FOUNDRY CO.,** 604 Madison Street, Des Moines, Iowa.

way he chooses. The sample will be no better than the actual wire sent him when he pays his money. Second: They pay the freight on all orders of forty rods and over. This is a great convenience. A man knows exactly what his fence will cost laid down at his home station. Prepaid freight usually is delivered sooner than the "bill to follow" kind. A fifty-six-page catalog gives a detailed explanation of 138 different styles of fences for poultry, hogs, horses, bulls and stock of all kinds. It is sent free to anyone.

A "DOER OF THINGS."

Mr. S. K. Noland for years has been one of the leading live stock and real estate auctioneers of the middle West. He is characterized by a superabundance of the "push" which has made for him so wide a reputation



S. K. NOLAND.

as a "doer of things," and which enables him now to make a success of the real estate branch of his business which he is pushing. If you have a farm for sale or want to buy a farm, you cannot get in touch with a man more equal to any occasion than Mr. S. K. Noland. He can give as a reference any bank or any publishing house in the city of Des Moines.

Gaston & Son's Duroc Sale.

A large local crowd supplemented by a number of good breeders was present at the first annual bred sow sale held by Messrs. E. M. Castle & Son, of Joy, Ill., on Friday, January 18th. The stock was sent into the sale ring in nice shape, and those present were not slow to appreciate the offering. Messrs. Thomas & Hogsett, of Golden, Ill., topped the sale, paying \$75 for the yearling sow, Coral Queen 116828, a daughter of Parnell Banner. Mr. A. H. Prindle, of Oakville, Iowa, secured a good bargain in the two-year-old sow, Stoner's Girl, at \$70, and was a liberal bidder on the best lots. Among the other bidders who contributed much toward the success of the sale were Messrs. Stansell & Matern, of McNabb, Ill.; Fred Schweizer, of Elwood, Ill.; Frank M. Erschen, of Odell, Ill.; Fred Kraschel & Son, of Macon, Ill.; McNeil Bros., of Bowen, Ill.; and Geo. Seckman, of Ripley, Ill. Colonels Reppert and Keil conducted the sale in a satisfactory manner. A list of animals selling for \$25 or over is given below:

Lot.	Price.
1. Ed. Bjorkman, Aledo, Ill.	\$29.00
2. J. A. Johnson, Aledo, Ill.	30.00
3. Jackson & Son, Joy, Ill.	37.00
4. O. A. Bridgford, Joy, Ill.	33.00
5. I. H. Dodson, Aledo, Ill.	66.00
6. Stansell & Matern, McNabb, Ill.	65.00
7. Ed Greer, Seaton, Ill.	27.00
8. J. A. Johnson	28.00
9. W. S. Knox, Joy, Ill.	27.00
10. Fred Kraschel & Son, Macon, Ill.	30.00
11. J. L. Vetter, Marston, Ill.	25.00
12. Geo. E. Atkins, Aledo, Ill.	30.00
13. J. A. Johnson	29.00
14. A. H. Prindle, Oakville, Iowa	28.00
15. J. A. Johnson	25.00
16. W. S. Knox	25.00
17. Frank M. Erschen, Odell, Ill.	49.00
18. Fred Schweizer, Elwood, Ill.	30.00
19. Ed Greer	31.00
20. Chas. Bloomer, Joy, Ill.	29.00
21. O. A. Bridgford	31.00
22. M. F. Morrow, Joy, Ill.	26.00
23. Fletcher Rader, Joy, Ill.	27.00
24. Chas. Bloomer	27.50
25. Same	25.00
26. Lowe & Jackson, Joy, Ill.	37.00
27. Earl Bell, Joy, Ill.	38.00
28. J. E. Mintur, Aledo, Ill.	35.00
29. G. C. Hiesman, Muscatine, Iowa	35.00
30. Fletcher Rader, Joy, Ill.	33.00
31. Fred Crawford, Joy, Ill.	31.00
32. L. A. Vetter	32.50

35. Thos. Kiddoo, Joy, Ill.	35.00
36. A. H. Prindle	35.00
37. W. C. Tyler & Son, Illinois City, Ill.	32.00
38. A. H. Prindle	70.00
39. Thomas & Hogsett, Golden, Ill.	75.00
40. R. H. Whittitt, Aledo, Ill.	34.00
SUMMARY.	
40 head	\$1,407; average...\$35.10

The Peek & Putman Sale.

One of the largest crowds of breeders and farmers yet seen at a Duroc Jersey bred sow sale this spring gathered at the sale of Messrs. Peek & Putman, of Tecumseh, Neb., January 23d. The offering was in prime condition and the good things of the sale were stubbornly fought for. The top price was \$520, paid for Lot 1 in catalog, a fine yearling sow by Tip Top Notcher and bred to the great \$2,500 Kan't Be Beat. Mr. W. H. Hays, of Vesta, Neb., was the purchaser. We predict a great future for this sow, as she is surely a good one. Below is a list of those selling for \$40 and over:

Lot.	Price.
1. W. H. Hays, Vesta, Neb.	\$520.00
2. John Hasenager, Tecumseh, Neb.	45.00
3. Paul Grupe, Tecumseh, Neb.	57.50
4. W. H. Hays	75.00
5. Russell Bros., Beatrice, Neb.	100.00
6. W. A. Peek, Tecumseh, Neb.	105.00
7. S. B. Cummings, Tecumseh, Neb.	61.00
8. J. C. Lamb, Tecumseh, Neb.	101.00
9. Gilbert Van Patten, Sutton, Neb.	125.00
10. John Schowalter, Cook, Neb.	66.00
11. J. E. Clark, Cook, Neb.	59.00
12. John Schowalter	61.00
13. M. Putman, Tecumseh, Neb.	150.00
14. W. H. Hays	81.00
15. Peter Jacohy & Sons, Aurora, Neb.	71.00
16. Same	61.00
17. J. C. Lamb, Tecumseh, Neb.	53.00
18. Elmer Lamb, Tecumseh, Neb.	70.00
19. J. M. Beaver, Washington, Kan.	61.00
20. Same	60.00
21. John Hasenager	79.00
22. S. B. Cummings	70.00
23. F. P. Wilste, Tecumseh, Neb.	40.00
24. Same	40.00
Average on entire consignment.....\$79.50	

The Wehr Sale.

On January 23d Mr. J. E. Wehr made his annual Duroc Jersey brood sow sale at Portsmouth, Iowa, and it proved the best sale he has ever held. He had an excellent attendance of both farmers and breeders and he put up a good offering. Forty head sold at an average of \$48, the top being a March gilt going to Mr. Lee Hopper, of Neola, Iowa, at \$145. Col. F. F. Luther cried the sale, assisted by Colonel Tupper, of Woodbine, Iowa. Below is a list of buyers:

Helena, Aug. Voge, Portsmouth, Iowa.	\$66.00
Orion Rose, R. J. Harding, Macedonia, Iowa	82.50
Perfection Belle, B. F. Roland, Portsmouth, Iowa	70.00
Miss Hacken, Henry Steffen, Portsmouth, Iowa	60.00
Ruth, Wellman Bros., Neola, Iowa	42.50
Rachel, E. B. Ryan, Neola, Iowa	39.00
Perfection Girl, P. H. Ronfeldt, Portsmouth, Iowa	62.00
Emma B., Walter Schuhunger, Harlan, Iowa	37.00
Anna W., James Lawrence, Portsmouth, Iowa	50.00
Nora B., Fred Stoeffel, Portsmouth, Ia.	40.00
Queen's Pet, H. H. Schier, Earling, Ia.	48.00
Sow, John Schmitz, Portsmouth, Iowa	34.00
Sow, John Klepper, Earling, Iowa	35.00
Sow, same	38.00
Sow, John Weighton, Audubon, Iowa	50.00
Gilt, Lee Hopper, Neola, Iowa	145.00
Gilt, R. J. Harding	110.00
Gilt, W. A. Staples & Son, Glidden, Ia.	70.00
Gilt, W. H. Seddon, Persia, Iowa	38.00
Gilt, Walter Bowen, Neola, Iowa	43.00
Gilt, O. E. Osborn, Weston, Iowa	47.50
Gilt, R. J. Harding	45.00
Gilt, W. A. Staples	47.50
Gilt, Fred Schurhunger	43.00
Gilt, John Klepper	30.00
Gilt, Fairchild & Stevenson, Onawa, Ia.	37.50
Gilt, James Brady, Portsmouth, Iowa	40.00
Gilt, James Nash	34.00
Gilt, T. M. Myers, Eldora, Iowa	50.00
Gilt, A. P. Alsin, Boone, Iowa	52.50
Gilt, Walter Bowen, Neola, Iowa	49.00
Gilt, John H. Schmitz	27.00
Gilt, Martin Gatrost, Persia, Iowa	32.00
Gilt, A. E. Poush, Chariton, Iowa	85.00
Gilt, Grant Hockett, Manning, Iowa	55.00
Gilt, Henry Steffen	25.00
Gilt, Wm. Olaf, Portsmouth, Iowa	30.00
Gilt, same	31.00
Gilt, H. L. Smathers, Woodbine, Iowa	31.00
Gilt, Henry Steffen	25.00

"Troubles and Repairs are Twin Brothers." So says this week's continued story on the Litchfield Manure Spreader on page 5. If we have farm owners who are not following this serial, they are missing interesting matter.

## FREE! My Book About Curing DEAFNESS AND EYE DISEASES AT HOME

I have published a new 128 page book which tells of a method by which people who are willing to devote fifteen minutes of their time each day for a month or two, following my instructions, can cure themselves without leaving home or visiting a doctor. of Deafness, Head Noises, Catarrh of the Nose, Throat and Head; Catarracts of the eyes, Granulated lids, Sore eyes, Pterygiums, Films, Wild Hairs, Eye Strains or any weakness or disease of the eye, ear, nose or throat. This book gives the causes and symptoms of each disease. It tells you not only how to cure these diseases, but how to prevent blindness and deafness.



I want to place one of these books in every home in the United States. Write me a letter or a postal card and tell me your disease and you will receive this grand book and my opinion free of charge, and learn how people from every state in the United States are restoring their sight and hearing at home by this new method.

I want no money for this neither does it place you under any obligations to me whatever. I simply desire to show and prove to you how easy it is to get perfect sight and hearing by my method. Write to me today. Address

DR. W. O. COFFEE

340 Century Bldg., Des Moines, Iowa



Hanks & Bishop's Duroc Sale.

One of the very successful sales of the season was that of Messrs. Hanks & Bishop, of New London, Iowa, on Tuesday, January 22d. Breeders from Illinois and Iowa were present and took the offering at very satisfactory prices. Mr. J. G. Reil, of Ferris, Ill., topped the sale, securing a daughter of Proud Advance at \$160. Her litter sister went to Mr. N. B. Cutler, of Carthage, Ill., at \$125. These two gentlemen were liberal bidders on the best lots and secured several good gilts at reasonable prices. The contesting bidder was Mr. F. M. Erschen, of Odell, Ill., who secured two good gilts. Col. H. S. Duncan opened the sale with a strong plea for the improvement of stock and his remarks were well received. He was assisted in the selling by Colonels Reppert and McGowan. A list of sales is given below:

Lot.	Name	Price.
1	T. D. Coleman, Mt. Pleasant, Iowa	\$ 40.00
2	R. W. Smith, New London, Ia.	36.00
3	T. D. Coleman	42.00
4	C. J. McPherrin, Monmouth, Ill.	61.00
5	R. W. King, Albion, Iowa	80.00
6	A. L. Bergsten, Winfield, Ill.	60.00
7	W. A. McLaughly, Viola, Ill.	42.50
8	M. H. Albright, Danville, Iowa	20.00
9	Lott Abraham, Mt. Pleasant, Ia.	53.00
10	N. B. Cutler, Carthage, Ill.	40.00
11	Frank Warwig, Mt. Pleasant, Ia.	36.00
12	Wm. Coleman, Mt. Pleasant, Ia.	26.00
13	A. L. Bergsten	57.50
14	C. J. McPherrin	35.00
15	T. W. Whiteman, Biggsville, Ill.	47.00
16	Frank Warwig	30.00
17	J. G. Reil, Ferris, Ill.	160.00
18	N. B. Cutler	135.00
20	R. W. King	41.00
21	T. W. Whiteman	24.00
22	J. G. Reil	50.00
23	T. W. Whiteman	40.00
24	G. R. Barclay, Mt. Union, Ia.	52.50
25	N. B. Cutler	55.00
26	F. M. Erschen, Odell, Ill.	39.00
27	C. J. McPherrin	41.00
28	N. B. Cutler	27.00
29	Frank Warwig	33.00
30	Ed Coleman, Mt. Pleasant, Ia.	26.00
31	Frank Warwig	26.00
32	F. M. Erschen	47.50
33	Ed Shipley, New London, Iowa	23.00
34	N. B. Cutler	51.00
35	L. C. Coleman	28.00
36	J. C. Jay, Mt. Pleasant, Iowa	26.00
37	T. T. Chandler, Mt. Pleasant, Ia.	27.00
39	C. C. Douglass, Biggsville, Ill.	25.00
40	Same	24.00
41	Wm. Galbraith, Gladstone, Ill.	30.00
42	J. S. Coe, Mt. Pleasant, Iowa	25.00
43	Extra, Proud Advance yearling, sold to J. G. Reil	76.00
SUMMARY.		
41 head	\$1,848; average	\$45.00

Reil & Cooner Duroc Sale.

A large number of farmers and breeders were present at the first annual brood sow sale of Messrs. Reil & Cooner, of Ferris, Ill. The stock was sent into the sale in fine breeding condition and the offering was appreciated by all present. Messrs. M. W. Greer & Son, of Rushville, Ill., secured the top of the offering in Lady Kruger, a daughter of Kruger, and winner of first ribbon in the under year class at the Illinois State Fair, 1906, and a litter mate to Kruger Lad, a first-prize winner at the Iowa State Fair, 1906. He was opposed in the bidding by Messrs. Manlove Bros. & Norris, of Bowen, Ill. Messrs. McNeil Bros., of Bowen, Ill., Thomas & Hogsett, of Golden, Ill., A. E. Poush, of Charleston, Iowa; Fagan, Browning & McCabe, of Hersman, Ill., and J. M. & W. T. Gatton, of Springfield, Ill. Mr. F. M. Erschen, of Odell, Ill., secured a bargain in a yearling sow bred to Hanley at \$75. Messrs. Geo. Tygret and J. L. Tygret, of Disco, Ill., were liberal purchasers. Colonel Reppert opened the sale and was assisted by Colonels Duncan and McGowan. A list of sales follows:

Lot.	Name	Price.
1	Geo. Tygret, Burnside, Ill.	\$ 43.00
2	Same	50.00
3	F. M. Erschen, Odell, Ill.	75.00
4	J. L. Schmitz, Nauvoo, Ill.	30.00
5	E. Bartlett, Colusa, Ill.	30.00
6	Geo. Tygret	29.00
7	L. G. Starkey, Disco, Ill.	27.00
8	E. Bartlett	31.00
9	Geo. W. Seckman, Ripley, Ill.	31.00
10	R. E. Daws, Ferris, Ill.	30.00
11	J. L. Tygret, Colusa, Ill.	19.00
12	J. R. Brown, Ferris, Ill.	30.00
13	H. B. Griffiths, Bowen, Ill.	45.00
14	J. L. Schmitz	32.00
15	Geo. Tygret	43.00
16	Geo. Boegner, Nauvoo, Ill.	45.00
17	M. W. Greer & Son, Rushville, Ill.	500.00
18	J. L. Tygret	39.00
19	F. M. Erschen	40.00
20	S. W. Davis, Disco, Ill.	32.00
21	Same	27.00
22	F. B. Harrison, West Point, Ill.	26.00
23	Geo. Tygret	29.00
24	John Daw, Hamilton, Ill.	35.00
25	Geo. Boegner	29.00
26	J. L. Tygret	48.00
27	Jess W. Holt, West Point, Ill.	25.00
28	H. B. Griffiths	57.00
29	L. G. Starkey	22.00
30	S. W. Davis	25.00
31	J. L. Tygret	24.00
32	Geo. W. Seckman	27.00
Extra, Manlove Bros. & Norris, Bowen, Ill.		
Extra, Geo. Tygret		60.00
Extra, Geo. W. Seckman		45.00
SUMMARY.		
35 head	\$1,714.00; average	\$48.97

A Great Poland China Sale.

The closing out sale of Mr. Thos. F. Miller, at Fullerton, Neb., on January 25th, proved one of the greatest sales ever held in Nebraska. Forty head sold at an average of \$84.45. The prices were very even, the top being \$210 for Ramona, a sow that he purchased of Mr. Joe Young a year ago. She went to Mr. Carl Dietzsch, of Surprise, Neb. Breeders present remarked that there never was a better offering of Poland China sows sold in the state of Nebraska. Peter Sterling, the great son of Chief Tecumseh 3d, was purchased by Messrs. B. G. Wray &

LANDS AND HOMES FOR SALE

**HERE IS A SNAP:** 360 ACRES of fine meadow land, 40 miles from Minneapolis, 2 miles from railroad, all fenced; 500 tons of hay can be cut on it. This land must be sold at once to close up an estate. \$20.00 an acre buys it. If you want this act at once. Part time given, if desired. Address, **Mose Zimmerman, Midway Horse Market, St. Paul, Minn.**

**IOWA FARMS FOR SALE** Write for printed list. Always have a bargain to offer. **J. J. Lynch, Laurens, Iowa.**

Son, of Hopkins, Mo., for \$112.50, a half interest going to Messrs. J. H. Harvey & Son, of Maryville, Mo. Col. Tom Callahan has the credit for making this one of the greatest Poland China sales ever made in Nebraska. Below is a list of buyers:

SOWS.		
Starlight, W. B. Stine, Surprise, Neb.	\$ 80.00	
Midnight, M. T. Kavanaugh, Greeley, Neb.	87.50	
Darkness, C. M. Dietz, Stromsburg, Neb.	82.50	
Bess Perfection, W. M. Winfield, Thayer, Neb.	52.50	
Orange Girl, B. A. Roberts, Alhion, Neb.	105.00	
Miss Schuler, W. M. Deets, Fullerton, Neb.	87.50	
Pussy Willow, Carl F. Dietzsch, Shelby, Neb.	165.00	
Damask, H. Fessenmeyer, Clarinda, Iowa	120.00	
Pansy Blossom, W. B. Stine	125.00	
Moss Rose, Mark Stewart, St. Paul, Neb.	78.00	
Cedarhank Girl, O. H. Crow, Fullerton, Neb.	60.00	
Beautiful Beils, F. H. Whitmore, Elgin, Neb.	110.00	
Coquette, Lyman Harris, Fullerton, Neb.	52.50	
Birdie Wilkes, W. C. Taylor, Fullerton, Neb.	62.50	
Dorothy, W. H. Whitmore	80.00	
Dora, C. C. Blue, Lowell, Neb.	82.50	
Mother Goose, Joe Young, Madison, Neb.	85.00	
Mother Goose 3d, R. C. Anderson, Genoa, Neb.	80.00	
Miss McGath, John Crabtree, Fullerton, Neb.	82.50	
Sweet Clover, W. M. Dietz, Stromsburg, Neb.	95.00	
Countess, G. S. Smith, Callaway, Neb.	70.00	
Bonny Lass, Loyd Coats, North Bend, Neb.	102.50	
Blossom, A. A. Bley, Madison, Neb.	75.00	
Princess, Paul Pillsbury, Fullerton, Neb.	77.50	
Cornet, W. C. Taylor	60.00	
Cremona, Grant Willets, Clarks, Neb.	75.00	
Ramona, Carl Dietzsch	210.00	
Stylish Maid, C. J. Hixson, Meadow Grove, Neb.	77.50	
Diamond, B. Whistler & Son, Litchfield, Neb.	90.00	
Diploma, J. S. Smith, Callaway, Neb.	85.00	
Crement, J. O. Copple, Bancroft, Neb.	62.50	
BOARS.		
Peter Sterling 63535, B. G. Wray & Son, Hopkins, Mo., and J. H. Harvey, Maryville, Mo.	112.50	
Thickett Perfection 105415, Pillsbury, Crabtree & Donnelly, Fullerton, Neb.	55.00	

The Outler Duroc Sale

Two sales in the same neighborhood divided the crowd in the vicinity of Carthage, Ill., on Friday, of last week, the day which Mr. N. B. Cutler held his annual brood sow sale. Breeders were inclined to secure breeding stock at prices below that which had been paid in previous sales, and the bidding was not as free as was expected. Messrs. McNeil Bros., of Bowen, Ill., topped the sale, securing the aged sow, Iowa Queen, a show winner at various state fairs during the past three years, at \$92.50. They were liberal bidders on some of the best lots. Messrs. Hanks & Bishop, of New London, Iowa, secured some of the best bargains in the sale. Colonel Duncan opened the sale and was assisted in the selling by Colonels Reppert & McGowan. Below we give a partial list of sales made:

Lot.	Name	Price.
1	McNeil Bros., Bowen, Ill.	\$ 92.50
2	Hanks & Bishop, New London, Iowa	65.00
3	Same	75.00
4	George Reil, Ferris, Ill.	72.50
5	Chas. Cooper, Ferris, Ill.	40.00
7	H. B. Griffiths, Bowen, Ill.	69.00
8	F. B. Whittaker, Hillsboro, Ia.	36.00
9	H. B. Griffiths	80.00
11	Thos. Shaw, Colusa, Ill.	27.00
12	Bert Galloway, Carthage, Ill.	30.00
27	W. S. Davis, Disco, Ill.	34.00
29	F. B. Whittaker	27.00
31	Thomas Shaw	31.00
32	Hanks & Bishop	26.00

J. A. Smith's Duroc Jersey Sale.

The continued had roads in the vicinity of Sciota, Ill., kept many farmers from delivering corn according to contract so that the day of Mr. J. A. Smith's sale at that place found many of his neighbors hauling corn. Not over thirty persons were present, but Mr. Smith sold his stock as advertised. Mr. N. B. Cutler, of Carthage, Ill., topped the sale, securing a good aged sow by Tip Top Notcher at \$100, the competing bidders being Messrs. Manlove Bros. & Norris, F. M. Erschen, Chas. Cooper and Fagan, Brownig & McCabe. Mr. Jas. J. McCabe secured a good yearling by Best of Top Notchers at \$50. Messrs. Manlove Bros. & Norris secured a good yearling sow by Major R. at \$49. Mr. Chas. Cooper, of Ferris, Ill., secured two very good bargains in yearling sows at \$35 and \$31 each. Messrs. E. M. Castle & Son, of Joy, Ill., and F. M. Erschen, of Odell, Ill., secured bargains and were liberal bidders on best lots. Colonels Reppert, McGowan and Duncan conducted the selling in a satisfactory manner.

The Homestead and The Homemaker \$1.25 per year.

New Wheat Lands In the Canadian West

160 ACRES  
FARMS IN  
WESTERN  
CANADA  
FREE

5,000 additional miles of railway this year have opened up a largely increased territory to the progressive farmers of Western Canada, and the government of the Dominion continues to give one hundred and sixty acres free to every settler.

**The Country Has No Superior**  
Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low; climate the best in the Northern temperate zone. Grain-growing, mixed farming and dairying are the great specialties.  
For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent  
W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 215 Jackson St., St. Paul, Minn.

TEXAS LANDS.

LARGE and small tracts in all parts of Texas for sale; write to us for what you want. We have a large tract of land in a solid body in Knox county, Texas, of 150,000 acres; an excellent proposition for a colony; cheap. Two large tracts in La Salle county, Texas, close to railroad; about 160,000 acres in the two tracts. Price \$5.50 per acre; terms to suit. Panhandle district, 19 sections near Amarillo, Texas; \$8 per acre; all smooth plains land; 95 per cent can be plowed with steam plow. 18,000 acres near Canadian; takes in part of the town; 2,000 in cultivation; the cheapest land in Texas. 28,000 at Glazier, Texas, on railroad. 21 sections at Panhandle City, 1,000 acres in cultivation; produced 38 bushels wheat to the acre last year; 300 acres in wheat this year; this is the finest body of land in Texas for sale. We can sell land in any quantities you want and near railroad. Write us before buying.  
**BOYER, PETERSON & CO.,**  
100-10 Gumbel Bldg., Kansas City, Mo.

**BARGAIN IN NORTHERN KANSAS.**  
I WILL sell at a bargain a 240 acre farm in central Kansas near the Nebraska state line. It is adjacent to two good towns. It has an 8 room, modern house in fine condition, good barn 48x48 with stone basement, one 18,000 bushel and 2,000 bushel corn crib with 10,000 bushel granary beyond barn, 2 wind mills, wells, tanks and everything needed to feed 300 cattle. Fine bearing peach, apple, and cherry orchard. This land is rich black soil and has no sub-soil, being the same black soil down 40 feet. Lies almost level. If this farm goes at once I will sell it at \$10,000 on easy terms. Write me, S. K. Noland, Des Moines, Iowa.

TEXAS COAST LAND

**NEAR PORT LAVACA, TEXAS.**  
LAND 20 feet above bay, adjoining finest beach on coast. Deep, black soil, no marsh, finest artesian water. California climate the year round; restrictions; raise anything, oranges, figs, cotton, early vegetables. Free oyster beds, game, fish in abundance. Guarantee that one-half crop pays for land. Very reasonable terms. Special excursions, 1st and 3rd Tuesdays. For terms, complete information and names of satisfied purchasers, address:  
**ALAMO BEACH LAND CO.,**  
248 Board of Trade Bldg., Kansas City, Mo.

IOWA FARMS

WE have seven farms of all sizes to rent for share rent to right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

**THE ALLEN LAND & LOAN COMPANY,**  
Laurens, Iowa

**LET ME SELL YOUR FARM, HOME OR BUSINESS**  
for cash in the shortest possible time. We absolutely guarantee to place the description of your property in the hands of 5,000 reliable hustling real estate men and bankers throughout the United States. Write us today.  
**THE REAL ESTATE SALESMAN**  
412 Brace Block. LINCOLN, NEB.

OLD MAN--MUST SELL.

380 ACRES--120 miles S. E. of Kansas City; 150 acres rich bottom land, no overflow. Good house, barn and orchard; 4 1/2 miles from good railroad town; one of the best hog farms in the country. Price for quick sale, \$16 per acre. **Howell Realty Co., 310 Shunkert Bldg., Kansas City, Mo.**

**FOR SALE OR EXCHANGE--** General merchandise stock in Iowa, about seven thousand. For sale or exchange for farm. Give full description first letter. Location, improvements and number of acres under cultivation last year. Address owner, C. H. M., care of Homestead.

**FOR SALE OR EXCHANGE:** 300 acres Mercer county, Missouri, improved, good land. 236 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**FOR SALE TO SETTLE AN ESTATE**  
The finest improved farm of 250 acres in southeastern Iowa. For full particulars write J. A. Mill, administrator, Stockport, Iowa.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**WANTED** to sell or exchange, well improved, splendid 236 acre eastern Kansas farm that adjoins town with graded school, for a smaller farm in Iowa. Address, James K. Seaton, Vernon, Kan.

**3 REASONS**  
Why you should buy So. Dak. Lands  
1st. The south-eastern part of the state is in the great fertile Mississippi Valley. Soil is the same as that of Iowa and Illinois. We sell land in this section from \$25 to \$50 per acre, according to location and improvements. This land equals in every respect land which is selling for \$75 to \$125. in Iowa and Illinois.  
2d. We have the same climatic conditions and rain fall as in Northern Iowa and Illinois. Our average production of Corn equals the average in the above named states. Compare the difference in price of land.  
3d. Our Agency covers the 16 S. E. counties of the State; they produced 80 per cent. of the State's corn crop. We can show you actual production values; our lands are time-tested and crop-tested, proving its ability to produce abundantly: **Corn, Oats, Red Clover, Alfalfa, Blue Grass and Timothy.** All essential to mature the great American Steer.  
Write to-day for lists and literature.  
**BIG SIOUX VALLEY LAND CO. (Ltd.)**  
Ramsey Bldg., Sioux Falls, So. Dak

**LET ME SELL YOUR FARM, HOME OR BUSINESS.** No matter what it is worth or where located. If you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.  
**GLENN REALTY CO.**  
16 Gumbel Building, KANSAS CITY, MO.

FARMS WANTED

**More Buyers Than Farms.**  
At present I have five customers for level farms, ranging from 80 to 380 acres, within a radius of 100 miles from Des Moines. These buyers have cash and are ready to do business. If you have a farm of this description, write me today giving details as to location, improvements, price, terms, etc. I can sell it at once for you.

**S. K. NOLAND,** Des Moines, Iowa

GREAT LAND OPENING IN SACRAMENTO VALLEY, CALIFORNIA.

**RICH** black sediment soil, water enough to irrigate 200,000 acres, free water right. Every counter-climatic fruit and vegetable yields enormous returns. California climate. Perfect title. Rail and steamboat transportation, ready markets. 10, 20 and 40 acre tracts from \$30 to \$100 per acre on buyer's own terms. Excursion rates from all points east after March 1st. Write for information and illustrated booklet. **F. E. Robinson & Co., 216 Pacific Electric Bldg., Los Angeles, Cal.**

LAND BARGAINS

Next excursion Feb. 5. You can buy land in our Locksburg colony, near Locksburg, Sevier county, Arkansas, at \$4 to \$8 per acre that will rent for one-fourth to one-half the cost each year; write us for free pamphlet and map. **E. N. Brown, president Kansas City Southern Land and Immigration Co., Room 708, Beals bldg., Kansas City, Mo.**

FOR SALE

**MY** fine farm of 480 acres, located in Buffalo county, near one of the finest farms in the state. Price, \$60 per acre. Half cash. This price good 'till February 15 only. Address the owner, **W. H. Grassmeyer, Riverdale, Neb.**

**BARGAIN:** 100 ACRES of fine land, 40 miles from Minneapolis, only one-half mile from railroad, good soil, well fenced, 200 acres under cultivation. In order to close up an estate, this valuable, piece of land must be sold. The first offer of \$20.00 an acre takes it. Part time given if desired. Address, **Mose Zimmerman, Midway Horse Market, St. Paul, Minn.**

Bargains in Nodaway County Farms

**\$50 TO \$100 PER ACRE.**  
BEST of coal and mineral lands in other sections of Missouri for sale. Write for list and prices.  
**BINGAMAN, BOLIN & JOHNSTON,**  
Rooms 5 and 6 Roseberry Bldg., Maryville, Mo.

IMPROVED FARMS

Wild lands, general merchandise stocks, hardware stocks, and city property for sale and exchange. Write me. **Fremont S. Gibson, Agent, Mason City, Iowa.**

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

**IF YOU WANT TO BUY,** sell or trade a farm copy of the Farmers Want Journal, Dept. 51, Kansas City, Mo. It gives names of owner and description of 500 to 1,000 farms for sale and trade and what others want to buy.

**FOR SALE, RENT OR EXCHANGE:**  
Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**TO EXCHANGE:** Good 640 acre farm in Wilkin county, Minn.; 400 acres in Dunn county, Wis., both improved. Want smaller farm live-stock or city property. Box 151, Independence, Iowa.



# LANDS AND HOMES FOR SALE

## Raise Crops That Pay From \$35 to \$125 Per Acre on Land That Costs \$40 to \$75

This is what the farmers in the Great Arkansas Valley in Western Kansas are doing today in that wonderful Alfalfa and Sugar Beet Country, and you can do the same. But remember, this land will not sell at this price always. It's only a matter of a short time till it will be \$300 to \$500 per acre.

### Profitable Crops in the Arkansas Valley.

The rich alluvial soil of the Arkansas valley will raise many crops in abundance. Alfalfa is the best feed for stock that has ever been known. Farmers harvest four crops a year here to say nothing of seed. The usual yield is about 2½ tons per acre each cutting, and sells for \$4.50 to \$8.00 per ton. In addition to the hay the seed yields about seven bushels per acre and sells for \$6.00 to \$10 per bushel. This certainly beats raising corn or oats. Sugar beets are a very easy crop to handle and pay from \$40 to \$75 per acre on this irrigated land. Then there is no question about a market, as the million dollar Beet Sugar factory at Garden City, contracts to take all the beets farmers raise at \$5.00 per ton. You just know just what you will get for your crop. And you know you will have a crop on this irrigated land. There is no guess work about it. A crop of cantaloupes will bring from \$100 to \$125 per acre. Other crops which do well in the Arkansas valley are wheat, corn, barley, wild hay, sorghum, flax, oats, potatoes, watermelons, prunes and small fruits of all kinds.

### Buy Now—Prices Low—Terms Easy.

If you want to buy land while the price is low, come now. We make very easy terms. Some cash, balance in three to five years. This land is a bargain at the prices we offer it—\$40 to \$75 per acre—and will make money either for the farmer or investor. The raise in value alone will make you more than the crops on land in other sections.



Private Dining and Sleeping Cars operated by the Great Western Land Company, from Chicago, Kansas City and intermediate points to Garden City, Kansas.

### Facts About the Arkansas Valley.

Water:—The average rainfall in the Arkansas Valley for the past twenty years has been twenty inches and there is plenty of water for irrigating. Good, pure drinking water can be had at from 15 to 50 feet.

Climate:—The climate of the Arkansas Valley is very healthful. The air is dry and pure. The days are sometimes warm in summer, but the nights are always cool. The winter seasons are mild and usually there is very little snow, and owing to the even temperature there is very little sickness, such as pneumonia, etc.

Garden City:—This is one of the coming towns of the great Southwest. You will find here, as well as in the country adjacent, excellent schools and splendid churches. In fact, Garden City, has all the advantages that any Eastern town has, and in fact better, population considered.

A Stock Country:—We have one of the best stock countries in the West. The mild winters, abundance of cheap feeds, such as Alfalfa and best pulp makes this an ideal locality for the man who raises horses, mules, cattle or hogs.

Land Advancing:—We cannot lay too much stress on the fact that land in the Arkansas Valley is very cheap and is advancing in price. The Great Western Land Company controls all the land we are offering and as we bought months ago we are selling at bottom prices. This land will advance 50 per cent in six months.

Alfalfa pays from \$40 to \$75 per acre, and sugar beets from \$50 to \$90, cantaloupes about \$125. The Great Western Land Company has 30,000 acres of this RICH ARKANSAS VALLEY ALFALFA AND SUGAR BEET LAND to sell, and it's going fast. A FINE IRRIGATION SYSTEM with 5 GREAT DITCHES waters this land. Government tests prove the UNDERFLOW INEXHAUSTIBLE. A reservoir 5 miles by 2½ miles in dimension will soon complete the system. See the Million Dollar Beet Sugar Factory at Garden City. Our land is near there.

**The Same Land We Are Selling For \$40 to \$75 Sells From \$300 Up In Colorado.**

Get some land for the boys and girls where prices are low and crops pay big. Then they only need a small farm.  
GET IT NOW.

WE CAN USE LIVE AGENTS—WRITE US.  
Write today for literature about the Arkansas Valley and Map of Kansas FREE.

**The GREAT WESTERN LAND CO.**  
WESTERN OFFICE:  
GARDEN CITY, KANSAS.  
1048 Union Ave., Kansas City, Mo.

Don't take our word for these statements. Go with us on our next excursion, February 5th, from Iowa, Illinois and eastern points, February 6th from Kansas City, and view the land from our automobiles.

The following are the names and addresses of some of our agents who can tell you about the Great Arkansas Valley.

Missouri—Cowell & Shacklett, Memphis; J. S. Goddard, Cowgill; J. W. Howard, Queen City; D. F. Hall, Downing; C. B. Harris, Harris; Ben H. Kite, Braymer; F. M. Kern, Excelsior Springs; O. E. Mankoff, Memphis; J. C. McCray, Cowgill; Wiley Miller, Ludlow; D. B. Reesman, LaPlata; O'Brian, Roberts & O'Brian, Lancaster; J. E. Nicolls, Kansas City, 2745 Holmes St., General Agent; Karl M. Blanchard, Chillicothe.  
Iowa—T. H. Earhart, Clarinda; Harkins, McCormick & Duke, Hedrick; Tedrow & Richards, Corydon; Payne & Bradley, Gravity; John A. King, Shenandoah.  
Illinois—D. C. Pfoutz, Lanark.  
O. G. Jones, Shenandoah, Iowa, General Agent; J. W. Hope, General Agent, Birmingham, Iowa.

### 5 FREE BOOKLETS. FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

California Farmland Company,  
58 GROSSE BLDG., LOS ANGELES, CAL.

### SHEEP FARM FOR SALE.

240 acres situated five miles west of Chariton, the county seat, and four miles east of Lucas, a coal mining town, in Lucas county Iowa. This farm is all newly fenced, sheep and hog tight, with 26-inch American wire at bottom, and three barbed wires above, with good oak posts 16 feet apart. This farm is principally all rolling land, with 50 or 60 acres of bottom land. It is all fenced in 40-acre fields (3 wires) with living water on each 40; comfortable house, good cistern at door; barn 30x60; new cattle shed 90 feet long; good granary and corn cribs under shingle roof; good chicken house, lots, etc. About 90 acres in blue grass and timber pasture. About forty acres in corn this year. Balance in timothy and clover, principally clover. Some fruit, good garden and strawberry bed. I offer this farm for \$45 per acre, cash right included. Terms reasonable. Address all communications to W. S. LONG, owner, Chariton, Iowa R. F. D. No. 7.

### BIGGEST BARGAINS EVER KNOWN IN SOUTHWEST MISSOURI

NEAR ELDORADO SPRINGS, CEDAR CO., MO.

40 Acres, \$20.00, nice little home.  
800 Acres, \$20.00, stock farm.  
600 Acres, \$20.00, grain and stock farm.  
280 Acres, \$20.00, grain farm.  
240 Acres, \$20.00, grain farm.  
80 Acres, \$20.00, new improvements.  
155 Acres, \$20.00, grain and stock farm.  
140 Acres, \$20.00, grain farm.  
320 Acres, \$20.00, grain farm.

All these farms are improved. Terms, ¼ cash, balance on or before five years, 6% interest. I own these farms and must sell.

GEO. H. GALLUP, 1420 Grand Ave., Kansas City, Mo.

### LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## 10,000 Acres of Land for Sale

In the vicinity of the famous potato and sugar beet growing section near Greeley, Colorado. No finer land in the world. Good soil, smooth surface, a new railroad surveyed into the very heart of this beautiful land. Perfectly adapted to farming, through the plan of Prof. Campbell's scientific agriculture. Under the survey of new ditches, if farming by irrigation is preferred. Prices \$7.50 to \$12.50 per acre. Shown by automobile from Greeley, Colorado. Railroad fare refunded to purchasers. Map and full information sent on application. Address:

J. S. Grable, Greeley, Colo.,

OR

M. L. Parrotte, Gen. Agt., N. Y. Life Bldg.

OMAHA.

Agents wanted for the sale of these lands.

## A FARM BARGAIN IN OSAGE COUNTY, KAN.

240 ACRES, 6 miles from Osage City, Kansas. 90 acres in cultivation, 24 acres of alfalfa and blue grass, fenced hog tight, 104 acres in hay-meadow, balance in pasture, 20 acres of good bottom land, plenty of nice timber, 8 room house in good condition, 1 barn 24x26, another barn 26x34 with loft for 13 tons of hay, tool house, hen house, cave, double corn crib, 2 cattle sheds, plenty of good water, R. F. D. and phone. This place must be sold at once to settle an estate. Come and look at it at once. Price \$7,500.00. Send for our list of Osage county farms for sale.

OLANDER & RAPP, OSAGE CITY, KAN.

### WANTED

#### "OUT THEY GO" AGENTS

TO go to southwestern North Dakota to see our 80,000 acres of land at \$17 an acre, yielding yearly as much. Free fuel; no shortage of coal in southwestern North Dakota, the land of sunshine and big crops. You should go out and talk with our satisfied farmers. Reliable agents with business initiative, sense and hustle and keen, intelligent, up-to-date farmers wanted to sell our lands. Two new railroads building. Maps and facts for the asking. Wm. H. Brown Co., Mandan, No. Dak. or 131 La Salle St., Chicago, Ill.

GOOD farming and grazing land in Lincoln county, Nebraska, \$3.00 to \$25.00 per acre. For land lists and full particulars, address Buchanan & Patterson, Land and Immigration Agents, U. P. R. It., North Platte, Neb.

### WANT A FARM HOME?

NOW is the time to get it. Investigate Meadlands Settlement, 45 miles from Duluth, in Saint Louis Co., Minn. Prices right. Terms, \$1 per acre down and balance in fifteen years' time. Good soil, water, etc., railroad. For full information write

LAND COMMISSIONER D. & I. R. R. CO.  
525 Wolvin Bldg. Duluth, Minn.

Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. NIKER, Chillicothe, Missouri.

## Gulf Coast Texas

Offers greater opportunities to the farmer, homeseeker and investor in land than any other place in the world today. We own and control 1,000,000 acres in the gulf coast country, which we will sell in tracts to suit everybody, from the fruit or truck farmer, who wants 5 to 10 acres or up, the home seeker, a quarter section or section, to the investor or syndicate, who wants up to 100,000 acres. Prices, \$1.50 to \$35 per acre, according to size of tract and location. This land is all fine, black loam, from 2 to 5 feet deep. Clay subsoil. No brush. Ample rainfall. No irrigation necessary. Fine water in wells, 25 to 250 feet deep. Sufficient elevation to assure a fine atmosphere, cool, refreshing breezes, all within one to ten miles of railroads, and within 30 to 100 miles of ocean transportation. Healthful climate and fine neighbors. Profits of \$50 to \$600 per acre annually can be made, according to crop grown. Corn, oats, alfalfa, rice, cotton, sugar cane, oranges, figs, all kinds of garden truck. Some crop every month in the year.

Call or write for our book, "Truth About Texas," and state map, free. Excursions from all points, first and third Tuesdays of each month. Come and see. Buy from owners and save commission. Easy terms.

PICKETT-HAMMOND LAND COMPANY,  
Opposite Grand Central Station,  
Houston, Texas.

### OWN A FARM IN CUBA.

IT will produce more than fifteen times as much as a farm in the North, because the growing season in Cuba is 365 days long.

We guarantee you a clear and absolute title to the finest plantation on the island, which we are selling in small tracts at a price which makes it easy for you to own a profitable farm in Cuba. Transportation facilities the best. Only a short haul to New York markets. Write at once for descriptive booklet, prices, terms, cheap rates, etc. TURIGUANO LAND CO., Majestic Building, Chicago, Ill.

### YOU CAN HANDLE THIS

120-Acre Wood River Valley Farm

Five and One-half Miles N. E. from Gibbon.

GOOD house and barn, double corn crib and granary, chicken house, hog house and other improvements. Buildings surrounded by good grove of ash and elm trees. Price \$55 per acre. Write today for a full description and plat of farm.

L. P. SARGENT, Gibbon, Neb.

### WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

WRITE J. H. McCOWN, Emporia, Kan., for special Bargain List, farms and ranches.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Jan. 31, Combination Sale, Martinsville, Ind.  
 Jan. 31, C. E. Pratt, Frankfort, Kan.  
 Jan. 31, R. J. Harding, Carson, Iowa.  
 Jan. 31, Norrish & Pevington, Kingsley, Iowa.  
 Feb. 1, Clarence Beavers, Holmes, Kan.  
 Feb. 1, W. A. Rankin, Carson, Iowa.  
 Feb. 1, D. J. Pollock, Thayer, Iowa.  
 Feb. 2, John Fultz, Marysville, Kan.  
 Feb. 4, Roy West, Boudurant, Iowa.  
 Feb. 4, Austin Reushaw, Blair, Neb.  
 Feb. 4, Henry Weber, Friend, Neb.  
 Feb. 5, Manley & Co., Lyons, Neb.  
 Feb. 5, Sundburg & Olson, Madrid, Iowa.  
 Feb. 5, Frank Alldritt, Friend, Neb.  
 Feb. 6, E. Z. Russell, Blair, Neb.  
 Feb. 6, W. R. Bennethum, Madrid, Iowa.  
 Feb. 6, J. H. Husman, Exeter, Neb.  
 Feb. 7, Edmonds, Shade & Co., Kingsley, Ia.  
 Feb. 7, H. S. Allen, Russell, Iowa.  
 Feb. 7, A. F. Sundell, Paton, Iowa.  
 Feb. 8, T. H. Isaac, Red Oak, Iowa.  
 Feb. 8, E. R. Wood, Jefferson, Iowa.  
 Feb. 8, O. Osborn, Maxwell, Iowa.  
 Feb. 9, W. J. Hartung, Maxwell, Iowa.  
 Feb. 10, Arch Brown, Waterloo, Neb.  
 Feb. 11, J. Strob, Dewitt, Neb.  
 Feb. 11, S. P. Freed, Ames, Iowa.  
 Feb. 11, J. A. Teter, Remington, Ind.  
 Feb. 11, Geo. W. Schwab, Clay Center, Neb.  
 Feb. 12, J. M. Morrison & Son, College View, Neb.  
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.  
 Feb. 12, John M. Morrison & Sons, College View, Neb.  
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.  
 Feb. 12, A. P. Alsin, Boone, Iowa.  
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.  
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.  
 Feb. 13, J. B. Davis, Fairview, Kan.  
 Feb. 13, C. W. Huff, Mondamin, Iowa.  
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.  
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.  
 Feb. 13, T. E. Laurie, Jacksonville, Ill.  
 Feb. 13, B. C. Maris, Polk City, Iowa.  
 Feb. 13, Bill East & Son, Clay Center, Neb.  
 Feb. 14, Shotwell & Menefee, Folk City, Iowa.  
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.  
 Feb. 14, Gilbert Van Patten, Sutton, Neb.  
 Feb. 14, B. W. Hale, Laddonia, Mo.  
 Feb. 14, White Hall, Yellow Springs, Ohio.  
 Feb. 14, I. C. Welch and J. Skinner & Son, Bedford, Iowa.  
 Feb. 15, G. E. Everts & Son, Audubon, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Maupin & Applegate, Shebina, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 15, Hosea Wilson, Blair, Neb.  
 Feb. 15, Hosea Wilson, Blair, Neb.  
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.  
 Feb. 16, Clark & Tryon, Wausau, Neb.  
 Feb. 18, John Lydon, Beldon, Neb.  
 Feb. 18, A. E. Poush, Chariton, Iowa.  
 Feb. 19, J. H. Habenicht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, John Black, Randolph, Neb.  
 Feb. 20, S. P. Briggs, Seward, Neb.  
 Feb. 20, B. R. Miller, Randolph, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, B. R. Miller, Randolph, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 21, Geo. Nordyke, Allen, Neb.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. C. Holmes, Osmond, Neb.  
 Feb. 22, R. A. Tawney, Pierce, Neb.  
 Feb. 22, W. L. Addy & Son, Parnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, A. W. Harris & Son, Waverly, Ky.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 22, S. R. Murphy, Savannah, Mo.  
 Feb. 25, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 25, Wm. Stanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, A. A. Sellers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Blessing, Hoiner, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 26, James Williams, Marcus, Iowa.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pitman, Lohrville, Iowa.  
 Feb. 27, W. J. Wendt, Marcus, Iowa.  
 Feb. 28, Geo. Karchner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Feb. 28, Geo. W. Custer, Merville, Iowa.  
 Feb. 28, J. S. Teale, Lamoni, Iowa.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 1, C. C. Wassen, Wilcox, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.  
 Mar. 2, A. A. & W. C. Karchner, Wilcox, Neb.

## Dates Claimed for Live Stock Sales.

## SHORT-HORNS.

Feb. 6, Geo. H. Miller, Harlan, Iowa.  
 Feb. 7, A. B. Garrison, Beattie, Kan.  
 Feb. 12, H. H. Hess & Sons, Surprise, Neb.  
 Feb. 15, A. H. Mattson, Loomis, Neb.  
 Feb. 20, J. M. & J. C. Robinson, Towanda, Kan.  
 Feb. 21, J. Lefebure, Fairfax, Iowa.  
 Feb. 27, E. O. Wolcott, Gilmore City, Iowa.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 March 1, Isaac A. Novinger & Sons, Kirksville, Mo.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 31, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Halgren, Vinton, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

**POLAND CHINAS.**  
 Feb. 2, Bert Fry, Plainfield, Iowa.  
 Feb. 2, Ernest Babcock, Manning, Iowa.  
 Feb. 5, Henry Dorr, Remsen, Iowa.  
 Feb. 5, H. B. Moats & Sons, Villisca, Iowa.  
 Feb. 5, H. B. Moats & Sons, Villisca, Iowa.  
 Feb. 6, A. B. Garrison, Beattie, Kan.  
 Feb. 6, Shannon & Book Bros., Storm Lake, Iowa.  
 Feb. 7, Bridgford & Nesbitt, Aledo, Ill.  
 Feb. 7, W. I. Toop, Auburn, Iowa.  
 Feb. 8, T. J. Charles, Republic, Kan.  
 Feb. 8, J. C. Hardman, Brayton, Iowa, and Lon Hamilton, Kearney, Neb., sale at Council Bluffs, Iowa.  
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.  
 Feb. 11, Dan Needham, Woodward, Iowa.  
 Feb. 12, H. H. Hess & Son, Surprise, Neb.  
 Feb. 12, Jas. Watson, Madrid, Iowa.  
 Feb. 12, Reubel Bros., Rockwell City, Iowa.  
 Feb. 13, E. D. Keasey, Viola, Iowa.  
 Feb. 15, H. H. Styer, Whittemore, Iowa, and M. P. Dan, Bart, Iowa, at Algona, Ia.  
 Feb. 15, Peter Mouw, Orange City, Iowa.  
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.  
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.  
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.  
 Feb. 19, L. L. Hedglin, Boelus, Neb.  
 Feb. 20, H. C. Neal, York, Neb.  
 Feb. 20, W. J. Crow, Webb, Iowa.  
 Feb. 20, N. C. Bassett, Jefferson, Ia., sale at Brookside Farm, one mile east of Farlin.  
 Feb. 21, T. A. Davenport, Belmond, Iowa.  
 Feb. 21, W. N. Booth, Danbury, Iowa.  
 Feb. 22, Cbas. Cook, Danbury, Iowa.  
 Feb. 22, J. M. & J. C. Robinson, Towanda, Kan.  
 Feb. 22, E. N. Bergen, Stanton, Iowa.  
 Feb. 23, J. O. James, Braddyville, Iowa.  
 Feb. 26, J. E. Walker, Anita, Iowa.  
 Feb. 26, J. C. Bally, Marshalltown, Iowa.  
 Feb. 27, W. W. Wheeler, Harlan, Iowa.  
 Mar. 7, Sanquist Bros., Oakland, Neb.  
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.  
 March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.

**SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.**  
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 Iowa, at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.  
 O. I. C. HOGS.  
 Feb. 6, 7, O. L. Kerr Est., Independence, Mo.  
 Feb. 12, Jas. A. Polley, Adaza, Iowa.  
 Feb. 21, John Lefebure, Fairfax, Iowa.

**THOROUGH-BRED HOGS AND CATTLE.**  
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

**SHORT-HORNS AND DUROC JERSEYS.**  
 Feb. 25, W. C. Cameron, Herman, Neb.

**PERCHERONS.**  
 Feb. 19, J. M. & J. C. Robinson, Towanda, Kan.  
 Mar. 6, W. R. Wilson, N. D. Merrill and others, Arispe, Iowa.  
 March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

**THE ONLY WAY DUROC CIRCUIT.**  
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.  
 Feb. 20, John Schroeder & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.  
 Feb. 21, Frank M. Erseben, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

**SHORT-HORNS AND ABERDEEN ANGUS.**  
 Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

**HEREFORDS.**  
 Feb. 1, combination sale, Harlan, Iowa, F. W. Hann, Mgr.  
 Feb. 9, W. H. Leslie, Auburn, Iowa.  
 Feb. 14, Peter Mouw, Orange City, Iowa.  
 Feb. 21, J. M. & J. C. Robinson, Towanda, Kan.  
 Feb. 27, 28, Combination sale at Kansas City, Mo., C. R. Thomas, Mgr.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

## FIELD NOTES.

Mr. E. O. Wolcott, of Gilmore City, Iowa, is to hold a dispersion sale of his herd of Short-horn cattle on February 27, 1907.

A 600-pound Chester White herd boar will be sold in the W. H. Leslie sale at Auburn, Iowa, on February 9th. He is a good breeder and a good hog.

Mr. Laban Harrison, of Prescott, Iowa, has a choice thoroughbred three-year-old Clydesdale stallion which he is offering for sale at a reasonable price in his advertisement that appears on page 29 of this issue.

Mr. S. J. Philson, of Harlan, Iowa, breeder of Improved Chester White swine, writes: "I am all sold out of bred sows and gilts, excepting a few May gilts bred for May farrow. I have had a splendid trade, having sold over sixty head of bred sows and gilts and nearly all to Homestead readers. I am receiving orders every day from those want-

ing bred sows and gilts, saying they saw the advertisement in The Homestead." Mr. Philson's advertisement appears on page 42.

See Mr. Geo. T. Underhill's Collie dog advertisement on page 14. Mr. Underhill's Collies are well known. He has made some additions to his kennels and has just issued a fine illustrated catalog.

Mr. J. A. Dill, of Stockport, Iowa, is offering a 240-acre farm, located in southeastern Iowa, for sale to settle an estate. The advertisement appears on page 24 of this issue. Write him for description and price.

Mr. L. C. Barnett, of Indianola, Iowa, is offering ten Percheron and French draft stallions for sale at a sacrifice in order to clean up the estate of the late J. H. Barnett. The advertisement appears on page 29 of this issue.

Messrs. J. W. Troy & Bros., breeders of Chester White swine, of Rose Hill, Iowa, have a few tried sows and selected gilts for sale as per advertisement on page 42 of this issue. They have been bred for March and April farrow.

Mr. L. L. Gregg, of Lone Jack, Mo., offers some desirable Scotch-topped Short-horn bulls that have for their sire Lord Orange, a pure Cruickshank bull. These bulls carry from three to six Scotch tops and are being priced worth the money.

Mr. J. C. Hoag, of Manson, Iowa, reports that he has sold all of his Poland China pigs at prices satisfactory to himself, as well as the seller. He writes that he has one two-year-old Scotch and Scotch-topped Short-horn bull for sale which he will dispose of cheap to close out.

Mr. Clyde H. Smith, breeder of Duroc Jersey swine, Riceville, Iowa, writes: "I am all sold out of boars and gilts. I have bred a cracking good lot of sows and gilts for next season's trade, to an extra heavy-boned son of Iowa Notcher and expect to have something first class to offer my customers the coming season."

Mr. S. J. Butts, of Mason City, Iowa, writes: "I am all sold out of breeding stock and could have sold as many more from my advertisement in The Homestead. I will stay in the business another year at least. I will have stock as good as I can raise for old and new patrons." Mr. Butts' advertisement appears on page 29 of this issue.

Mr. W. W. Dyer, of Keosauqua, Iowa, has several head of native stockers and feeders for sale, consisting of Angus, Herefords and Short-horn yearlings. These cattle are all dehorned, are even in size, in good grass flesh, but have had no corn. Mr. Dyer will make the right price to a quick buyer. His advertisement appears on page 29 of this issue.

Mr. J. E. Guernsey, of Keosauqua, Iowa, has ten two-year-old Short-horn heifers and some extra fine young bulls, large-boned and growthy, all sired by an imported Cruickshank bull, which he will sell at bargain prices to close out. He also has a few tried Duroc Jersey brood sows and a choice lot of gilts for sale. His advertisement appears on page 33 of this issue.

Mr. A. A. Rogers, of Inwood, Iowa, has eight young Scotch and Scotch-topped Short-horn bulls, ranging in age from eight to eighteen months, which he is offering for sale in his advertisement that appears on page 43 of this issue. These bulls are representatives of such families as Imp. Generosity, Rosemary, Crocus, Strawberry and Charlotte. They are sired by the Cruickshank Victoria bull, Craven Archer 174012. He also has a few cows and heifers and he invites the readers of The Homestead to visit him and inspect the stock or write for descriptions and prices.

Mr. F. A. Trumbauer, of Patterson, Iowa, writing under recent date, reports that he is all sold out of Chester White hogs and that inquiries have been coming at the rate of two to fourteen a day. He adds: "I will say that The Homestead has sold more hogs for me than any paper I ever advertised in. Tell the readers of your paper that I will be on hand again next fall with some very blue blood, accompanied with plenty of size, bone and finish. Have fifty fall pigs that are doing nicely and they will be for sale next fall along with my spring crop of pigs. My hogs are the large, growthy kind, heavy breeders and have been bred for easy feeders."

We start an advertisement this week for Mr. G. A. Fewell, of Leeton, Johnson county, Mo., who has seventy-five big registered jacks, jennets and registered trotting, saddle and harness horses which he announces he is going to close out on February 22d, rain or shine. The Johnson County Jack Farm, of which Mr. Fewell is proprietor, was established in 1850 and particular interest has been given to the rearing and breeding of black Mammoth, Caledonian and others of best breeds of jacks, and also registered trotting and saddle horses. In the past, everything has been sold on their merit and guaranteed as represented and those of our readers who attend this sale will find something to their liking in both jacks and horses. See advertisement on page 45.

Messrs. Taylor & Jones, importers and breeders of Percheron, Shire, Belgian and coach horses and Short-horn cattle, of Williamsville, Ill., write: "We are pleased to report that during the past week we have sold an extra good two-year-old imported Percheron stallion to Mr. J. Young Caldwell, of Williamsville, Ill., making the third stallion we have sold right here at home. Mr. Caldwell knows a good horse when he sees it and has been in the breeding business for a long time. Yesterday we sold a two-year-old imported Shire stallion to Mr. E. G. Spense, of Assumption, Ill. Mr. Spense found just what he wanted in a draft horse and when he found him, he was not long in closing the deal. We congratulate Mr. Spense in his selection. A very fine American-bred Percheron stallion, two years old, was also sold yesterday to Mr. S. Luttrell, of Waverly, Ill. Mr. Luttrell is one of those sturdy farmers who knows it pays well to breed the best in everything. Mr. H. A. Briggs, of Elkhorn, Wis., who has imported some of the best horses that have ever been imported, has decided to quit the business and recently sold his horses to us, so we now have a fresh lot of good horses on hands and we are selling them worth the money. Come and see what we are doing and get our

proposition if you are in the market for a stallion of any of the draft breeds."

Messrs. Peter Hopley & Son, of Lewis, Iowa, report the sale of three Percheron stallions and one German coach horse to Mr. James Ray, of Salt Lake City, Utah, and on last Saturday a Suffolk Punch stallion that weighed 2,030 pounds and four mares to Messrs. Carpenter Bros., of Coon Rapids, Iowa. The mares were young, but one spau would weigh over a ton. The others were weanlings. They still have some good Percheron, Suffolk and German coach stallions on hand and a grand lot of Suffolk fillies. There is no more reliable firm than Messrs. Peter Hopley & Son, and they certainly have the horses. They do their own selling and their own buying and they keep their horses right on their farm. You can easily see how the buyer gets the benefit. Write them or go and see their horses.

Mr. M. P. Lydon, of Cresco, Iowa, is holding a brood sow sale on February 6th. The sale will include about fifty head in all. Six of these will be one and two-year-old sows, all bred for March, April and May farrow. Most of the offering is sired by his Iowa State Fair winner, Ideal Perfection 114975, and bred to Wanderer 77523. This hog weighed 835 pounds in fair condition at four years old. He has bone and quality to suit anyone, and is one of the most richly-bred hogs of his age. He is a grandson of old Chief Perfection II. His dam and granddam, Delightful Lady and Heart's Delight, were first-prize sows at the Missouri and Illinois State Fairs. Sale begins at 12:30 on the farm one mile east of town. A number of the April gilts have seven and one-half-inch bone and one of the yearling sows a nine-inch bone. Send for catalog and don't forget the date.

Mr. U. G. Davidson, of Manson, Iowa, in sending change for advertisement, writes: "I am about sold out of boars; have three or four left. I am also pretty well sold out of gilts, having just twelve left on the place. Eleven of these are sired by that old monarch, Crimson Wonder 1 Am, and the other one is bred to him. Any breeder wanting a show prospect for another year can find it here and if he wants something for the future, these gilts bred to American Lad ought surely to lay a good foundation. Iowa Wonder, the sire of American Lad, is a grandson of both Duroc Challenger and Crimson Wonder 26355; the dam of American Lad is a granddaughter of Tolstoi and has won a blue ribbon at our county fair. American Lad is one of the best young boars I have ever raised. He has great length, fancy head and ears, as great a spring of rib as I ever saw, and a pair of those great, full prominent hams that we so often read about, but seldom see. This young boar is for sale now and should be fitted for the shows next year. Parties desiring bred gilts should write or call at once, as I never have enough gilts to go round. In writing, mention The Homestead." See advertisement on page 44.

The Ardmore Stock Company, of Holstein, Iowa, have some choice Scotch and Scotch-topped bulls for sale as per advertisement found on page 29 of this issue. In furnishing copy for the advertisement they write: "Among the Scotch bulls mentioned in the advertisement is a very choice fellow by Imp. Lord Mount Stephen 206904, and out of a Duthie-bred Imp. Orange Blossom cow that is one of our best producers. Another choice Scotch bull is by Imp. Scottish Pride out of a good Scotch cow, Victoria of Meadowlawn 3d (Vol. 51). This young bull resembles his sire very much. Another exceptionally good bull is by Lord Mount Stephen out of Miss Ramsden of Ardmore, a grand young breeding cow sired by Duke of Oakland 2d and out of the cow, Nina Lass, sold by us in the International sale to Mr. Harding. The Scotch-topped bulls comprise a lot of good individuals, sired by Scottish Pride and by Lord Mount Stephen that will do good service in good, topy herds of grade cattle, and that are priced within the reach of farmers who raise good cattle. Several of them are individually good enough and well enough bred to do good service in pure-bred herds where a straight Scotch is not insisted on. We also have for sale some good cows and heifers in calf to the herd bulls and one or two to Superbus 224710, that are priced reasonably for quality."

**A THICK YOUNG BULL.**  
 Mr. Jas. Atkinson, of Des Moines, Iowa, is offering for sale an extra good Short-horn bull. At fourteen months he weighs 1,030 pounds; is a beautiful red and is a low, blocky fellow. He is out of Mary 3d (Vol. 45, page 937) and sired by the great Scotch bull, Duchess Baron (224429). He shows the making of a show bull.

**PETER STERLING GOES TO MISSOURI.**  
 At the closing out sale of Mr. Thos. F. Miller, at Fullerton, Neb., on January 25th, the well-known boar, Peter Sterling, was purchased by Messrs. B. T. Wray & Son, of Hopkins, Mo., and J. H. Harvey & Son, of Maryville, Mo. Nine head of Peter Sterling sows in the Miller sale averaged \$133 per head. He is today one of the greatest breeding boars ever sired by old Chief Tecumseh 3d.

**JAMES' BIG POLANDS.**  
 On February 23d Mr. J. O. James will make a public sale of forty head of big-boned Poland China sows, mostly sired by or bred to his famous old boar, Pawnee Lad. Those of our readers who want the large, big-boned sows will find the James offering strictly all right. Get your name down for a catalog at once. If you want big sows and from a reliable herd you will find them in the James sale. Write at once for his catalog.

**HARRISON BUYS ROYAL SULTAN 3D.**  
 In a recent letter from Mr. G. W. Harrison, the well-known Short-horn breeder at Washta, Iowa, he says: "I have just returned from Anoka Farm, where I bought of Mr. Frank Harding the great young bull, Sultan 3d, a son of White Hall Sultan and out of a Princess Royal dam. Mr. Harrison keeps him for a couple of weeks to show the recent buyers of White Hall Mar-shall, who goes to Kentucky. Then he will ship him to the Grand Meadow Brook herd where I expect him to grow into one of the best bulls in the state of Iowa." Mr. Harrison is out after the good things and when he sees what he wants he goes after it. This young bull will hold the well-known Scotch



bull, Scottish Knight, that has headed his herd for the past few years.

#### CHESTER WHITE SOWS.

In remitting for his advertisement, Mr. George H. Lawshe, the well-known Chester White breeder, of Harlan, Iowa, says: "I have a few choice bred sows left and anyone wanting one must send his order at once. I am breeding these to my new boar, Col. Sutton 12105, one of the best-backed, deepest-hammed and largest-boned boars I have ever used. Anyone buying a sow bred to this boar will never regret it, because he is one of the best hogs I have ever seen." If any of our readers want bred sows of the Chester White breed, write Mr. Lawshe, Harlan, Iowa.

#### CARL HANSEN'S SOW SALE.

On February 15th Mr. Carl Hansen, of Herman, Neb., one of the best young breeders in the state, will make a public sale of forty head of Duroc Jersey bred sows. There will be thirty-one head of spring gilts and nine fall yearlings. This offering will be sired by Bar None, Bar None 2d, Grant Hero and Critter's Echo. They are bred to Grant Hero, Grant Challenger and Grant Defender. Mr. Hansen is putting up a remarkable offering for strong feet, nice color, good heart girth and width of back and loin. They are out of daughters of Gold Dust Jim, Surprise and other good boars. Ask him to send you a catalog. Watch for more about his offering in our next issue.

#### POLAND CHINAS AT PRIVATE TREATY.

In this week's issue Mr. W. H. Jones, of Clemons, Iowa, has chosen to announce that he has a choice lot of spring gilts and mature sows to sell at private sale. This breeder has been in the business for sixteen years and says he is in it to stay. He is making a specialty of mail orders, where it is impossible for buyers to visit his herd. However, he is very glad to see visiting breeders and to have them inspect his collection. The gilts are sired by Standard Perfection 95601, Baraboo 108427 and B's Dude 91429. They are bred to a T. J. Perfection 114983, and should prove very good investments for those looking for some first-class Poland Chinas. See advertisement on page 29.

#### PERFECTION CHIEF STOCK COMPANY SALE DATE CHANGED.

Messrs. O. B. Kimmons and T. G. Nash, both of Pickering, Mo., and Geo. B. McMurray, of Maryville, Mo., members of the Perfection Chief Stock Company and owners of the great Duroc Jersey show and breeding boar, Perfection Chief, have changed the date for their sale of bred sows from February 27th to February 25th. These gentlemen are selling the tops of three good herds. There are daughters of many of the most noted boars in America listed for this sale. Several daughters of Proud Advance are sows of great individual merit. Watch for future announcements of this great sale or write either gentleman to put your name on his mailing list.

#### GOOD SHORT-HORN BULLS FOR SALE.

On page 43 of The Homestead will be found the announcement of Mr. J. H. Moyer, of Newton, Iowa. Mr. Moyer, while not one of the largest breeders of Short-horns in the state, has, however, some splendid Short-horn cattle, both Scotch and Scotch-topped. At this particular time Mr. Moyer has a few very choice bulls left that he is pricing right, and some most excellent females that are soon due to calve. Inasmuch as Mr. Moyer is desirous of closing these cattle out at an early date, he is making very attractive prices on them that should move them speedily. Homestead readers will find it to their interest to correspond with him at once, or, better still, visit him and inspect this offering. He is located but a short distance from that veteran breeder, Mr. H. D. Parsons, and has had access to the best herd bulls used by Mr. Parsons.

#### LAST CALL FOR HENRY BROS.' SOW SALE.

One of the best offerings of Poland China sows that is to be sold in northwest Iowa this spring is that of Messrs. Henry Bros., at Le Mars, Iowa, on February 8th. They are selling fifty head, ten head of matured sows, fifteen fall sows and twenty-five spring gilts. There are daughters of the noted boar, Corrector 2d, in this sale, also Matchless Perfection, the best son of Chief Perfection 2d, and Matchless Perfection Jr., their two-time sweepstakes boar at the Interstate Fair, and the first-prize boar at the Minnesota State Fair. They are also offering sows by Meddler Boy, a son of the champion, Meddler, and On Parade, a son of the noted boar, On and On. Besides these will be sows sired by Pilate's Chief, Dewey Corwin and Correct I Know. These sows are bred to Matchless Perfection, Matchless Perfection Jr., Meddler 2d, On Parade and Correct I Know. Messrs. Henry Bros. have never offered a better lot of sows. Write for their catalog and then go to the sale. Kindly mention The Homestead when writing.

#### BAXTER'S DISPERSION SALE.

A dispersion sale of any herd always gives an opportunity to the breeders interested in the stock to be sold to secure at their own figure valuable animals that would under no other circumstances be sold. So it is with Buddy K. IV., the noted boar in service at the head of the Duroc Jersey herd owned by Mr. Ed. A. Baxter, of Pawnee, Ill. This gentleman has been engaged in the breeding of thoroughbred Duroc Jerseys for fifteen years and has always been enthusiastic as to the outcome of the Duroc breed. He has firmly made up his mind to sell every Duroc he owns, not because the business has not been profitable to him, but on account of his health and the scarcity of help. The herd boar, Buddy K. IV., is to be sold at auction. He has been a very good breeding boar, and has been shown with success, winning first and champion at the Illinois State Fair in 1905, and second in aged boar class at the same fair in 1906, only being defeated by the noted Commodore. Twenty tried brood sows are included in this offering bred to this noted sire, and a number of his get will be found in the lot. The breeder who is in the market for a show and breeding boar will have an opportunity to secure this one at his own price. The sows in this sale are as good as can be found anywhere. A daughter of Proud Advance, litter sister to Minnie Advance, the sow that sold in Messrs. McNeil Bros.' sale at \$700, is included safe in pig to the champion boar, Tip Top Notcher. She is individually of show-yard merit and

her breeding cannot be excelled. What then are the prospects for her litter by Tip Top Notcher? A daughter of S. E.'s Model VIII, litter sister to S. E.'s Model IX., that sold in the Sheldon sale for \$1,060 last winter, will please the most discriminating breeder. She is safe in pig to Buddy K. IV.

#### THE PUCKETT AND GRINNELL DUROC JERSEY SALE.

On February 15th, the day following the Duroc Jersey sale of the Whitehall Combination Sale Company, at Yellow Springs, Ohio, Messrs. S. S. Puckett and M. R. Grinnell will sell fifty head of the tops of their two good herds of Durocs. These gentlemen have been among the good breeders of Duroc Jerseys in Ohio and have made several sales during the past few years. They have in service at the head of their herds boars of unequalled breeding and prize-winning merit. Such a boar is S. S.'s Success, a prize-winning son of Ohio Chief. We give a list of boars used in these herds and are pleased to recommend their produce to our readers. The get of S. S.'s Col., S. S. Success, Puckett's Chief, C. E.'s Col., Beat Him If You Can and others, bred to a grand collection of boars, the best of breeding, including S. S. Success, S. S.'s Col., Puckett's Chief, The Model, Ideal Success and others. We will give full particulars regarding this offering in our next issue. Kindly mention this paper when writing.

#### BURGESS & SON'S PUBLIC SALE OF STALLIONS AT WICHITA, KAN.

Every reader of this paper interested in securing Percheron, Belgian, Shire and Hackney stallions should plan to be present at

that are producing such herd bull material as merits the attention of breeders who are looking for something good. Messrs. Novinger hold annual sales and for their coming sale on March 1st they have listed a goodly number of Scotch females, as well as hulls. There is herd header material here. Watch for future announcements. The writer has just seen the cattle and will have more to say of the offering in future issues.

#### A FEW DUROC JERSEY BOARS LEFT.

For those who are still in the field for male pigs of this breed we would call their attention to the fact that Mr. J. C. Porter, of Ogden, Iowa, can probably supply their wants. He has a few young boars of May and June litters and he has been holding them until they attained a little more size before offering them to the public. These carry the blood of old Advance and Orion. He also has a few gilts of recognized breeding. They are in nice, thrifty condition, good bone and well grown. Mr. Porter's farm is right at the edge of town so that it will be a very handy place to call.

#### TOOP'S POLAND CHINA BROOD SOW SALE.

On Thursday, February 7th, at Auburn, Iowa, Mr. W. I. Toop will make his second annual sale of Poland China brood sows. His offering this year is a good one. His gilts are well developed; have plenty of size and lots of quality. His sows are the good, practical kind, having lots of length, good feet and ample bone. The boars now at the head of the Toop herd are Black Sensation's Rival, a son of young Black Chief's Rival, and a grand young boar. In

## All Saw the Advertisement in The Homestead

### IOWA SWINE BREEDER SELLS ANIMALS IN FOUR STATES, IN ONE WEEK, AS A RESULT OF HOMESTEAD ADVERTISING.

MR. J. M. JANSSEN, of Sibley, Iowa, finds that the 100,000 subscribers of The Homestead include numerous purchasers of pure bred swine. He writes: "My sales have been excellent during the past week. All my boars have been sold. I have shipped five boars and four gilts to points in Iowa, South Dakota, Nebraska and Missouri; and all the purchasers said they saw the advertisement in The Homestead."

Wichita, Kan., on Friday, February 22d, at which time Messrs. Robt. Burgess & Son, the well-known breeders and importers of horses, will offer for sale at public auction fifty head of imported and American-bred stallions of the breeds mentioned above. This firm have been successful exhibitors at all of the leading shows and fairs of 1906. We give below list of prizes won in 1906 by this firm: Champion Percheron stallion at the Kansas State Fair; champion Belgian stallion at the Kansas State Fair; champion Shire stallion at the Illinois State Fair; champion Shire stallion at the American Royal, Kansas City; champion American-bred Percheron stallion at the American Royal; champion Shire stallion at the International, Chicago; reserve champion Belgian stallion, International, Chicago; first best five Shire stallions, American Royal, Kansas City; first best five Percheron stallions, Kansas State Fair; first best five Belgian stallions, Kansas State Fair; first best five Shire stallions, Illinois State Fair; first best five Shire stallions, International, Chicago; second best five Belgian stallions, International, Chicago; second best five Belgian stallions, Illinois State Fair; second best five Belgian stallions, American Royal, Kansas City; second best five Percheron stallions, American Royal, Kansas City. The terms and guarantee relating to horses included in this sale will be found in the advertisement on page 45 of this issue. If interested in the purchase of a stallion, write Messrs. Robt. Burgess & Son for further information, kindly mentioning this paper.

#### ISAAC A. NOVINGER & SONS WILL SELL A GREAT LOT OF BULLS.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., the well-known breeders of Scotch and Scotch-topped Short-horns, have on hand twenty of the best Short-horn bulls they have ever raised. Mr. Novinger has been a careful and a persistent worker and the herd as it stands today shows what may be accomplished from a small beginning where the man behind the gun is persistent and energetic. Scotch blood has been introduced into the herd from time to time by the use of pure Scotch sires and the purchase of Scotch females, and today Messrs. Novinger & Sons have a fine string of Scotch cows

fact, he is one of the good young boars of the year. Pilate U. S. is a son of Pilate's Chief. Right Kind 2d is a son of Look Me Over Chief, and Perfection I Am is a son of Fancy Perfection. These four boars are now in use in the herd and are bred to most of the sows in the sale. Graceful Miss is a daughter of Black Sunshine and is a fine, large sow, always farrows a good litter and is bred to Right Kind 2d. She also has a daughter in the sale by Auburn Chief, a son of Chief Tecumseh 3d. There are three good sows in the sale, all daughters of Good U. S., one of the first sows Mr. Toop ever owned. Grace Sunshine is a daughter of Black Sunshine and a litter sister to No. 1. This sow is large and a splendid breeder. Another good sow is Perfect's Queen by Perfect Wonder. She is the dam of the gilt that topped his sale last year and her hoars were the first to go this fall. He will sell a good lot of granddaughters of old Chief Tecumseh 3d in this sale, and they are good. Among the best gilts is Lady Sensation, a daughter of young Black Chief, and a litter sister to Black Sensation's Rival, the young boar now at the head of the herd. She will bear the most critical inspection on sale day. If you are looking for a couple of gilts with plenty of stretch and lots of bone, then take notice of the two by John Chief. The Toop offering is a good one; the gilts are well grown out, the sows are tried and proven breeders, and the offering is first class in every way. His catalog is now ready for distribution. Write for it and mention The Homestead.

#### FOSTER'S DUROC JERSEY SOW SALE.

On February 15th, Mr. W. A. Foster, of Greenfield, Iowa, will make a public sale of Duroc Jersey sows, at which time he will sell forty head. Five of these are aged sows, the balance spring gilts. He is selling three daughters of the Iowa sweepstakes boar, Crimson Wonder I Am, bred to I Am Orion, a son of old Orion. One of these gilts is an extra good one and should go to some good herd. Mr. Foster also sells four granddaughters of Proud Advance, the balance by Bell Watts, a grandson of old Kan't Be Beat. These sows are all bred to Foster's Wonder by Crimson Wonder I Am, I

Am Orion by Orion and Bell Watts. Mr. Foster is not the oldest breeder in the land, but he is a young man that deserves to make a good sale. He is putting up a nice, useful offering of sows, and among these are some very toppy ones. He has purchased good herd boars, and consequently has some of the most up-to-date blood lines. Write for his catalog at once and kindly mention The Homestead.

#### DUROC JERSEY BRED SOW SALE.

We would very much like to call the attention of Duroc breeders to the sale of Messrs. G. C. Everts & Son, to be held at their Cloverdale Stock Farm four and one-half miles from Gray, Audubon county, Iowa. The date is February 15, 1907, and as this will be one of the good sales of the season we hope that breeders and farmers who are coming to appreciate this breed more fully will turn out in good numbers and partake of the generous hospitality of Messrs. Everts & Son, and at the same time secure some splendid individuals of first-class breeding. At the head of the herd stands Cloverdale King 44073 by Whitney King by Corn Cracker 14205. This sire has been a good investment for the farm and carries himself with a style and dignity that at once indicate his prepotency. His good bone and scale are well shown on his get, which numbers some twenty head of young sows. The older sows will be bred to him, while for the young sows a Crimson Wonder boar of good makeup and promise and a grandson of Crimson Wonder 26355 has been used. The advertisement appears on page 34 and when writing for a catalog kindly mention The Homestead.

#### S. J. MILLER'S IMPORTED PERCHERONS.

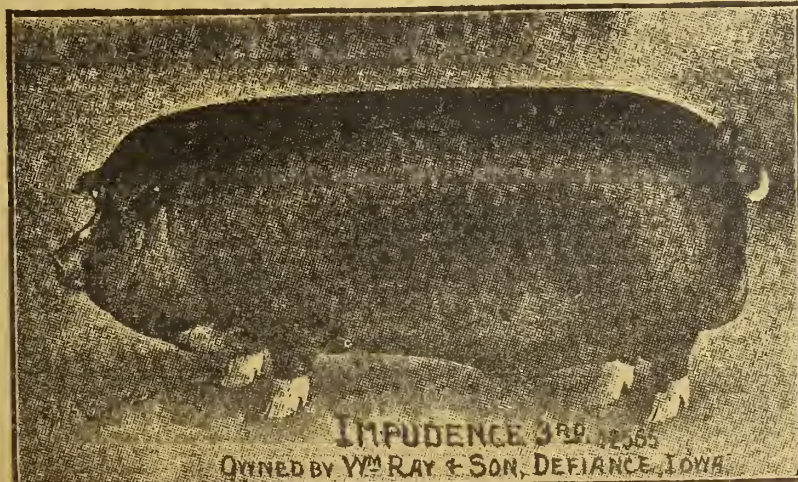
Mr. S. J. Miller, of Kirksville, Mo., importer of Percherons, is one of the men who believes in selling his stallions at live and let live prices, hence he does not work on the company plan. He invites those who want stallions to come to his barns at Kirksville, Mo., see the horses and select from the entire bunch. By following this plan he can sell his horses cheaper than where expensive salesmen are employed. Last year his entire importation was sold in this way and not a single horse was returned. This year Mr. Miller has by far a better class of horses than last year and the man who is hunting imported stallions that have size, bone and quality will find them at this sale. For \$1,000 he can furnish as good a stallion as was brought over this year—excepting one or two special show stallions brought by showmen. For \$800 to \$900 Mr. Miller will sell the stallion buyer as good a horse as is sold on the company plan for \$2,500 and often \$3,000. He says come and see these horses. He knows they will fill the bill, or if you will write him describing what you want he will tell you if he has such a horse. Another litter of those smooth-coated fox terrier puppies is old enough to ship. See page 38 for Mr. Miller's advertisement.

#### WILLIAM LENTZ SELLS POLANDS FEBRUARY 8TH.

Last week we told our readers that we thought one of the good Poland sow sales next week would be that of Mr. William Lentz. The selling will take place in the town of Ankeny, Iowa, on the North-Western Railroad—twelve miles north of Des Moines. After carefully looking over this herd we are frank to say that Mr. Lentz has achieved some very good results in his breeding work. From the start he has made there are good prospects for his future work since the foundation of his herd has been laid on good blood lines. Realizing that it is almost impossible to breed poor feet and limbs out of a herd, Mr. Lentz has selected his purchases with extra care and the result is that his herd is free from these defects. The five head of old sows are sold for no fault whatever, but rather to give balance to the sale. They will be excellent producers for several years to come and should be taken up without any hesitation. The gilts and yearlings are most excellent in bone and are very breedy and roomy as individuals. They have been fed right and will not owe their weight to fat, but to good, solid meat and strong frames. Reference to the advertisement on page 38 will tell more of their breeding. Turn out to this sale and welcome this breeder with his first sale. Catalogs will be sent for the asking. Kindly mention The Homestead.

#### THE DEFIANCE POLAND CHINA SALE.

What is considered the best offering of Poland China brood sows ever sold from the Evergreen Stock Farm, of Messrs. Wm. Ray & Son, will be sold at the new sale pavilion at Defiance, Iowa, on Saturday, February 9th. They are selling forty head and have selected their best brood sows and the tops of their spring gilts. These sows are bred to three boars now at the head of their herd. Impudence 3d is one of the greatest sons of the Iowa State Fair sweepstakes boar, Impudence, and a sow bred to him will be a great proposition for any man to put into his herd. Perfection L. & W. is a son of one of the world's greatest sires, L. & W. Perfection, and he is also bred to quite a number of the sows in the sale. Dude's Wonder is a son of Nemo L's Dude, and is one of the best breeding boars ever used in the Ray herd. The class of sows they are offering have plenty of size, and ample quality. The Meddler gilts are something real choice, and there are a number of others of their own breeding that are just as good. The entire offering is a good, practical lot of Poland China sows, bred along the most popular and up-to-date blood lines, and there is no more reliable firm than Messrs. Wm. Ray & Son. One of the largest sows in the sale is Loug Lady, and she is all that her name implies. She is in good flesh and will weigh 600 pounds. She is a line-bred Tecumseh sow and is bred to Dude's Wonder, a line-bred Tecumseh boar. She has been a great brood sow in the Ray herd. Another good, large sow is Miss Tecumseh. She is a little heavy in ear, but has plenty of size, and she is bred to the Dude hog, and he will correct the ears. She is a heavy-boned sow and always farrows large litters. Lady Make Peace is a granddaughter of old Mischief Maker, a sow of much quality, and the kind that always farrows show pigs. She is bred to Impudence 3d, and the man that wants a show litter should buy her. A number of Messrs. Ray's sows are sired by Dakota Chief 2d, a son of the great sweepstakes boar, Dakota Chief, considered one of the best



The great young boar, Impudence 3d, a son of the Iowa State Fair sweepstakes boar, Impudence; bred to a great number of the sows in the Wm. Ray & Son brood sow sale, February 9th, at Defiance, Iowa.



sons of old Chief Tecumseh 2d. This boar was formerly used in the herd and was the sire of sows with plenty of size and bone. Their catalog is ready for distribution and will be sent on application. Write for it and kindly mention The Homestead.

#### DEWITT'S BROOD SOW SALE.

On February 13th, at Russell, Iowa, Mr. A. W. DeWitt will make a public sale of twenty-eight head of Poland China brood sows. The two herd boars that these sows are bred to are Exception, a grandson of old Expansion and A. W. Standard, a son of Standard Chief. The sows that go into the sale are matured sows, yearlings and spring gilts. Mr. DeWitt is endeavoring to raise the big-boned kind, with lots of stretch to them, and a great deal of his herd is made up of these blood lines. He is putting in some good fall yearlings sired by Honest John, a boar that he used with much success in the herd. They are bred to Exception. There are a number sired by Young Jumbo 2d, and Buroak King. Mr. DeWitt is selling a good bunch of sows. The most of them carry the blood of the larger kind of Poland Chinas and are a most useful lot of practical, money-making sows. Bred to Exception and A. W. Standard they should produce the kind of pigs the people want. Write Mr. DeWitt for catalog. It is now ready for distribution. Kindly mention The Homestead when writing.

#### JOHN JUSTICE SELLS DUROCS FROM GREENWOOD HERD.

Buyers of red hogs this spring will find some very representative and deserving members of this popular breed at the sale of Mr. John Justice, to be held on his farm, Friday, February 15th. Those who go out from Des Moines should take the Des Moines, Iowa Falls and Northern train and stop at Quilhart crossing, which is only a few minutes' walk from the farm. Berwick lies one and one-half miles south and Ankeny six miles northwest of the farm. The offering will contain eight tried sows which have produced well and regularly. Two fall yearlings of attractive conformation and color are the only representatives of this class, but they are good ones and can stand a neat bid. The thirty gilts range from March to April and the early ones are well grown and large. Some of the sows are sired by Proud Lad by Field Marshall, also Billy K. Jr., Gilt Edge and others. The complete offering is bred to a good son of Keep On 2d, also to a half brother of Advance. Plan to get some of the numbers here offered. Send for catalog and kindly mention The Homestead.

#### BABCOCK'S BROOD SOW SALE.

On Saturday, February 2d, at Manning, Iowa, Mr. Ernest S. Babcock will sell fifty head of Poland China sows. Thirty head of these are yearlings or over and will weigh from 300 to 700 pounds. They are bred to Brookline's Express, an Illinois Interstate Fair prize winner, and to the massive hog, Long John. The latter boar is one of great size, plenty of length and a great big bone. Anyone wanting sows bred to a monster boar had better go after one bred to Long John. He has selected this offering of fifty sows from among 300 head, and he is putting in the very best he has. This is his first annual sale and he wants to make a good one. The sows that he sells will have plenty of quality and enough size to suit any of our breeders or farmers. Every sow that he sells is guaranteed a breeder, and every sow that goes into the ring will carry her own guarantee with her. We have seen his sale offering and would ask our readers who want Poland Chinas to come out and give the young man a lift. His catalog is ready for distribution. Write for it and please mention The Homestead.

#### MOATS' POLAND CHINA BROOD SOW SALE.

At Villisca, Iowa, on February 5th, Messrs. H. B. Moats & Son will make their annual brood sow sale, and they will sell about fifty head. It is a decidedly top quality offering from beginning to end, having more size than they have ever offered before and with all the quality that one could desire. Thirty-five are fall and spring yearlings and matured sows. A good daughter of Chief Perfection 2d bred to their noted boar, Shamrock, goes in this sale. They also sell a yearling daughter of Perfect Perfection, a litter brother to Perfect Perfection. They also sell some daughters of the noted boar, Big Perfection, and these are always good. There will be a number of daughters of old Shamrock in the sale, and he will also be bred to many of the sows in the sale. Another boar they are now using is Perfection Stamp, and he is a son of Big Perfection. He is a hog with great size and he gets that kind of pigs. Messrs. Moats & Son never offered a better class of sows than they will send through their sale ring on February 5th. Write at once for catalog and kindly mention The Homestead.

#### THE NOTED INDIANA AND OHIO DUROC JERSEY SALES.

The week commencing Monday, February 11th, will witness some of the most noted sales of the Duroc Jersey breed. Not for the prices that may be obtained, but on account of the noted stock listed from some of the greatest herds of the breed. On Monday, February 11th, Mr. J. A. Teter, of Remington, Ind., will sell forty head of richly-bred Durocs from his well-known Top Notch herd. Tuesday, February 12th, Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, and Messrs. Mahan Bros., of Osborne, Ohio, will sell a draft from their noted herds of prize-winning Durocs at the Fair grounds in Dayton, Ohio. Wednesday, February 13th, Mr. Ira Jackson, of Tipppecanoe City, Ohio, will sell a select draft from his noted herd, at his farm, ten miles north of Dayton, on trolley line between Dayton and Troy. Thursday, February 14th, the Whitehall Combination Sale Company will hold their annual brood sow sale at Whitehall Farm, adjoining Yellow Springs, Ohio. This sale can be reached by traction car from the sale of the day previous. The consignors represent some of the best herds of the breed. Friday, February 15th, Messrs. M. R. Grinnell and S. S. Puckett will sell fifty head from their herds in Yellow Springs. For the benefit of those not acquainted with the location of the several sales we will say that they are all within reach of each other with the exception of the first day's sale, that of Mr. J. A. Teter, which can easily be made on the way to Ohio. Ample arrangements have been made to care for all breeders from a dis-

## THE CENTRAL IOWA DUROC JERSEY SALE CIRCUIT

Five grand sales of phenomenal producers, reliable breeding stock, prize winners and material for winners and valuable foundation timber is what the central Iowa circuit stands for. Six of Iowa's successful breeders with six prosperous, royally-bred herds are preparing to make this assertion a plain, absolute fact. Every detail of the march from the time Mr. Roy West, at Bondurant, opens the series, to the last hog that is sold at Mr. E. R. Wood's, at Jefferson, has been carefully worked out. All that is needed to see the five grand events is to get in the bandwagon with the crowd and enjoy the fun. It is yours if you will it, with all the good eating, visiting and jollity that can be crowded into that brief time. Here is an exceptional opportunity to make new acquaintances and renew old. To extend your influence as a breeder of the most popular hog in the corn belt. The catalog for each sale will tell the details of the story. Spend a nickel for postals and get the complete series. You can depend upon it that your attendance will be highly appreciated and the favor returned. Col. C. E. Luther cries each of the five sales. Bids sent to him or to Mr. L. E. Troeger, of The Homestead, in care of the respective consignors, will be courteously handled.

#### THE OPENING DAY AT BONDURANT, IOWA.

On February 4th, two miles from town, Mr. Roy West will start the bids with a grand assortment of breeding that will suit the most particular. Here it is: A litter sister to Ruberta, the sow that just sold - for \$1,500. Nine daughters of Matchless Challenger 37301, five daughters of Col. Newburn, four by King Perfection, a son of Banker Boy II.; four by Young Advance 44315, son of Proud Advance, and five by Onward, a son of Long John Son 26501. And for the Orion collection there are some sired by Manley Orion and Proud Orion; also by Billy K., Tientsin and others. The sows are bred to a splendid son of the St. Louis champion. The gilts are well along and bred to a son of Kan't Be Beat and one of old Orion. A strong line up to say the least. A chance for some good selections. Will you be there? It's the only thing to do if you're after some good hogs.

#### SUNDBURG AND OLSON, AT MADRID, TUESDAY.

February 5th, the following day, the above gentlemen will make their sale. The offering will represent the select of two herds. The numbers in this sale are worth careful attention, for both pedigree and animal are first class. Some of the numbers which deserve special mention are seven yearlings and tried sows sired by Madrid Perfection, King Perf., Nash's Model, Eclipse and Perfect Sunshine. One is a sow, Princess May, a daughter of King Perfection, sweepstakes Iowa State Fair hog in 1903. His get have been noted. Here is one worth owning and she has been a great producer and will have some gilts in the offering. She is bred to Gold Dust Pete 45323. Another is Miss Van 2d, a two-year-old sired by Nash's Model, which should make her worth a good bid if you cannot come to see her. The gilts will be a great bunch and well sired. Look up the advertisement on page 40 for more about their breeding if your catalog has not yet arrived.

#### W. E. BENNETHUM, ALSO AT MADRID.

The third day of the circuit will be spent with Mr. Bennethum at the Cedar Lawn Farm, and the welfare of visitors will be attended to in the best possible manner. Parties driving will find good stable room, as the farm is well equipped in every way. The offering is about evenly divided between the young and mature stuff and it will certainly be a collection not to be missed. Mr. Bennethum's herd is so well known that suffice it to say his offering will be fully as good as anyone can make it. His attractions will be two litter sisters sired by Proud Advance and out of an Orion Baby dam. This is a superb pair, great scale and quality. They were both bred early in December to Keep On 3d, second prize in senior pig class last fall at Des Moines. Another is Miss Rose by the great hog, Billy K. She is a winner herself and nothing less than three figures should take her. She has a show gilt in the sale. Another is Belle, sired by the sweepstakes hog, Gold Dust Jim 15169. Every number could stand mention, but we will merely give a sample here of the good things in store. Get supplied with a catalog.

#### WITH A. T. SUNDELL'S OFFERING, FEBRUARY 7TH.

Through a slight typographical error last week this sale was given the date of February 17th. The correct date for the fourth day's sale of the circuit is February 7th. On that day buyers will gather at the farm of the above breeder near Paton, Iowa. Mr. Sundell has produced some first-class hogs in his career as a breeder and as is generally known, secured the herd of Durocs of the late Wm. Roberts at their dispersion. In his hands this herd has continued to prosper and produce animals of note. Chief among his offerings is Miss Ruth, a yearling half-sister to the first prize in the eighteen months old class at Des Moines last fall. Miss R.'s sire is Tientsin, which makes her one of the important numbers. Another is Malinda Lady by Lord Roberts. She traces to Ohio Annie IV. on her dam's side and is a taking individual in herself. Among the gilts there will be seven litter sisters sired by Scratch 26159, one of the impressive sires of his day. This bunch is a choice one and should be taken quick, for they are the stretchy kind and right up on their toes. Everything is guaranteed to be right and a first-class representative of the breed. Place this sale on your list with the rest.

#### THE CONCLUSION AT E. R. WOOD'S, JEFFERSON.

The grand finale of the circuit will end with the offering of twenty-four gilts and sixteen old sows and yearlings on the farm of Mr. E. R. Wood, near Jefferson. The quality of this offering will be right in keeping with that of the others and the number of mature stuff included will make it an especially attractive sale for new breeders and those looking for some good, reliable foundation stock. One of the sows is Lady Top Notcher, a good sow as an individual and producer and one that should not go under three figures. Another, a proud Advance sow, and two by Long Enough 25579. Two yearlings are by Bristol Jumbo 33095 of that well-known Jumbo breeding. Still another is by Radiator 28865 and carries some of the blood of the noted Missouri hog, Corn Cracker. Among the younger stock will be gilts sired by Otto 17321, Top Notcher R., Clovercroft Orion. The old sows are bred to this latter boar, which is a son of old Orion, and the gilts have been mated to a splendid Crimson Wonder boar. Conveyances to the farm. A good, comfortable place for the sale. Remember to send for a catalog at once.

tance. Those who cannot be present should get catalogs at once. Bids sent to Mr. D. M. Pierce representing this paper will be properly handled. See field notes elsewhere in this issue.

#### HENRY DORR'S BROOD SOW SALE.

The ninth annual sale of Mr. Henry Dorr will be held at his farm near Remsen, Iowa, on February 7th, and this offering eclipses anything that he has heretofore offered. Just take a glance at some of the sows that go into this sale. Daughters of the great Mischief Maker, Nemo L's Dude, Columbia Chief, Perfect Chief, Pilate's Chief, Ohio Sunshine, Indiana King, the World's Fair boar, Meddler, Tecumseh Keep On and the only Dorr's Tecumseh. Where can you beat this offering? Mr. Dorr is selling twenty head of fall yearlings and matured sows and thirty-two spring gilts. The most of the spring gilts are sired by his great boar, Dorr's Tecumseh, and no man has offered a better lot this year. Lady Peerless 4th is No. 1 of catalog and she is a daughter of the great show hog, Perfect Chief, that sold last year for \$2,100. She raised one of the best litters he had last year to Dorr's Tecumseh and she is bred back to him again for early farrow. Miss Mischief is a daughter of the great boar, Mischief Maker, and is therefore a half-sister to the World's Fair boar, Meddler. She is also one of the best brood sows that will be sold in the sale and she goes in bred to Dorr's Tecumseh. Anna Belle is a daughter of Nemo L's Dude and Pilate's Ruth is a daughter of old Pilate's Chief, both good sows and both bred to Dorr's Tecumseh. He also sells a good Columbia Chief sow bred to Hands Down, one of the best young hogs now being used in the herd. There are several choice yearlings in the sale that are sired by Indiana King, Tecumseh Keep On and Ohio Sunshine. He is putting in a very fancy gilt by Meddler and she is bred to Dorr's Tecumseh for early farrow. The Dorr's Tecumseh gilts are about as good a bunch of gilts as has ever been offered in the state, and every lover of a good Poland China sow should come out and see them. Write to Mr. Henry Dorr, of Remsen, Iowa, for his catalog. It

is complete in every particular and tells the whole story in a most convincing manner. If you get it you will be sure to go to his sale. When writing for it kindly mention The Homestead.

#### TETER'S DUROC SALE.

On Monday, February 11th, Mr. J. A. Teter, of Remington, Ind., will offer for sale at public auction forty head of choicely-bred Durocs, the tops of his noted herd. Mr. Teter has been breeding Durocs for years and has been a prominent winner at many of the leading state fairs and the World's Fair in 1904. He has selected only the tops of his herd, believing that the breeders will appreciate the offering and give him prices which the stock deserves. We wish to call attention to the winnings which this herd has made during the past three years. In 1903 Mr. Teter won four firsts, one second and both championships at the Illinois State Fair. In 1904 he showed his herd at the Wisconsin and Indiana State Fairs and won five firsts, three seconds, one third and one fourth, and sweepstakes boar under six months. At the World's Fair the same year he won one first (that on Top Notcher Again), three seconds, one fifth and one sixth and junior champion and reserve grand champion. At the Indiana State Fair in 1905 he won six first premiums and one third. In 1906 he exhibited his herd at the Michigan State Fair, Indiana State Fair and Illinois State Fair, and won twenty-nine premiums, nine firsts, eight seconds, seven thirds, three championships and two grand championships. Many of the prize winners are included in this offering. Among the most noted of these is Clover Blossom 1st. This sow was grand champion at the Michigan State Fair, second at Indiana State Fair and third at the Illinois State Fair. She is safe in pig to Golden Chief, second-prize boar at the Indiana State Fair, 1905. Some breeder who wants to add a good sow to his herd should not overlook this one. She will raise a fine litter of pigs and go back in the show ring in good shape, for that she has already done. Mr. Teter's sale is the first of a series of notable sales in Indiana and Ohio and breeders can easily arrange

to be present at Remington on Monday and get to the sale in Dayton on Tuesday, with no extra expense. This offering is a good one, and should not be missed. The catalogs have been issued and will be sent to all who are interested in good Duroc Jerseys. In these columns next week we will have more to say regarding the offering individually and will be pleased to recommend this sale to our readers. Bids sent to Mr. D. M. Pierce will be carefully handled. Look up the advertisement on page 35 of this issue and plan to be present sale day. Kindly mention The Homestead when writing.

#### FRED STRONG'S SOW SALE.

One of the deservedly good Duroc Jersey sow sales of the season is that of Mr. F. A. Strong, at Orient, Iowa, on February 14th. He is selling thirty-five head, and nine of these are aged sows. Among them are Lucy Brooklyn 105834 by Top Notcher Chief, dam Lucy Advance, full sister to Proud Advance, a good sow and extra mother, bred to Crimson I Am; Missouri Girl by Tom Watson, dam Lady Chief by Ohio Banner by Ohio Chief, bred to Valley Chief; the 'Breeders' Bell 121738 by Proud Advance, dam Van's Queen by Van's Perfection, bred to Crimson I Am. One of the best gilts to be sold this year is Chief's Lady by Ohio Chief, dam Valley Lady. She is bred to Crimson I Am. A splendid gilt out of Lucy Brooklyn by Keep On is safe in pig to Valley Chief for early farrow. Another good gilt is Minnie S. by Stout's Advancer by Advancer, dam Minnie Watson by Tom Watson, bred to Valley Chief. A splendid granddaughter of Proud Advance is Harding's Pearl. She is bred to Valley Chief; one daughter of Proud Advance bred to Valley Chief. The Strong offering is in fine shape and it is a cracking good lot of Duroc Jersey brood sows and they represent the most popular blood of the breed. Write Mr. F. A. Strong, of Orient, Iowa, for catalog and mention The Homestead.

#### SEXSMITH'S DUROC JERSEY SOW SALE.

On February 13th Mr. H. A. Sexsmith, of Greenfield, Iowa, will sell forty head of decidedly high-class Duroc Jersey sows. Among these are five aged sows, including the great sow, Valley Lady by Reed's Banker, that cost Messrs. Sexsmith & Strong \$400 at the R. J. Harding sale last spring. She will have an early litter by Crimson I Am by the noted sweepstakes boar, Crimson Wonder I Am. This sow is an extra good mother and farrowed twelve pigs last spring and raised ten. Three of her daughters by Ohio Chief go into the sale and two of these are extra good. These will be bred to Crimson I Am. Mr. Sexsmith will also sell Lady Orion Dandelion by Proud Advance, dam the great sow, Nan Orion. She will weigh 350 pounds by sale day, and she is good. She is first choice of the litter that Mr. S. R. Manifold showed at Des Moines that won fourth. She is bred to Valley Chief. Another good gilt is Miss Mingo by Perfection Advance by Proud Advance. Dam of Miss Mingo, Lady Mingo by the Lad for Me, the sire of the dam of Helen Blazes. She is bred to Crimson I Am. There are three good daughters of Stout's Advancer out of Minnie Watson, one of the good sows in Iowa. Two of these gilts are bred to Valley Chief, the other to Crimson I Am. A yearling daughter of Proud Advance called Orient Maid will farrow early to Valley Chief. This offering is good and should demand respect. Write Mr. H. A. Sexsmith, of Greenfield, Iowa, at once for catalog and mention The Homestead.

#### THE FAGAN, BROWNING & McCABE SALE.

Every Duroc breeder should arrange to be present at the forthcoming brood sow sale of Messrs. Fagan, Browning & McCabe, of Hersman, Ill., which occurs on Tuesday, February 5th. Arrangements have been made to care for all those from a distance who come from the sale of Messrs. Thomas & Hogsett, at Golden, Ill., the Saturday of the preceding week, so that all should plan to make their arrangements to be present sale day. We wish to call the attention of our readers to an error made in these columns last week. It was stated in connection with the illustration of the champion boar, Tip Top Notcher, that he headed the herd of



E. H. BROWNING.

Messrs. Thomas & Hogsett, of Golden, Ill. He is owned by Messrs. Fagan, Browning & McCabe and Messrs. Thomas & Hogsett, each firm owning one-half interest, and the boar has been used as the principal breeding boar in both herds. We regret making this error and take this opportunity to correct same. In the offering which Messrs. Fagan, Browning & McCabe are making are included some of the richest bred sows that will be sold this season. They are also of show-yard individuality. We wish to direct the attention of our readers to the illustration on page 15 of Foust's Pride. This sow was first in class and champion at the Illinois State Fair in both 1905 and 1906. She is one of the best specimens of the breed that the writer has ever seen, and bred to that noted boar, Tip Top Notcher, she should attract the attention of every



breeder of Durocs throughout the entire country. Some breeder will have in this sow the foundation for a herd of prize winners, for she is the daughter of Kan't Be Beat, and her dam was Xenia Queen, the foundation sow of the noted herd of Mr. R. C. Watt, of Cedarville, Ohio. S. E.'s Model VIII., a daughter of Ohio Chief, litter sister to S. E.'s Model IX., that sold in the Sheldon sale last winter for \$1,060, is safe in pig to Tip Top Notcher. She will make a valuable addition to any herd. Lucy Wonder XXI., the only living daughter of Lucy Wonder, grand champion sow at the Chicago World's Fair, is safe in pig to Tip Top Notcher. We wish to urge those who are in the market for good stock to be present at this sale. We are sure that no one will be disappointed in the offering. Those who cannot be present sale day, send bids to Mr. D. M. Pierce, representing this paper, and same will be properly handled. Write for catalog at once, kindly mentioning this paper.

#### THE KIRKPATRICK-WILSON SALE.

On February 13th Mr. W. A. Kirkpatrick, of Lincoln, and Mr. A. A. Wilson, of Bethany, Neb., will hold their first combination brood sow sale. As you probably already know, these two firms have formed a partnership and if there is anything in the fact that two heads are better than one it should make a strong combination. They are offering thirty-five head, twenty-six of which are consigned by Mr. Kirkpatrick and the balance by Mr. Wilson. In the Kirkpatrick offering will be five matured sows, three fall and one spring yearling and seventeen spring gilts. The fall and spring yearlings are daughters of Crimson Wonder, the spring yearling being bred to the great Kan't Be Beat. Most of the offering is bred to Crimson Model, a son of Malcolm's Model, and out of Glendale-Maid, the first-prize sow in class at the Iowa and Nebraska State Fairs in 1905. Five of the Kirkpatrick offering will be bred to Lincoln Wonder, one of the very best sons of Ohio Chief. Mr. Wilson will consign nine head, consisting of one matured sow and eight spring gilts, most of them safe in pig to Lincoln Wonder. The matured sow is a daughter of Crimson Wonder out of Miss Bob, and is a litter sister to Morrison's Peach. She will be safe in pig to Crimson Model. The gilts represent the blood of prominent Duroc families and are bred to extra good boars. Write for a catalog and look over this breeding. When writing please mention The Homestead.

#### J. H. WATSON SELLS POLAND CHINA FEMALES.

At Madrid, Boone county, Iowa, Mr. J. H. Watson, one of the good breeders of Poland Chinas, will dispose of forty head of bred sows and gilts. The date is Tuesday, February 12th, and as Madrid is favorably situated with regard to railroad facilities we are looking for some good bidders at this sale. Everything will be done to make those from a distance wish to return next year. Mr. Watson believes in plenty of size and while he desires all the quality possible in his herd he still does not sacrifice that point for good strong bone. For a number of years his policy has been to breed along this line and it has resulted in a collection of individuals, from the oldest to the youngest, of most excellent pasterns and feet. From time to time valuable additions to the herd have been made and buyers will find in the catalog a very good assortment of blood lines to choose from. At the head of the herd stands Mischief's Model 98435, a grandson of Chief Perf. 2d. He is a long, low-down, heavy-boned hog of the mellow kind. He was pronounced the best boar in the record-breaking sale of Messrs. Winn & Mastin in August, 1905. All claims have been proved by his work on the herd, and buyers will find a very uniform bunch of young stock at the sale by this sire. There will be some special attractions in the aged sows and yearlings. Mr. E. M. Metzger, of Fairfield, will have in the sale several young boars sired by Winning Dude 26027 and some bred sows and gilts of similar breeding. Write at once for catalog to Mr. Watson and kindly mention The Homestead when so doing.

#### THE COUNCIL BLUFFS POLAND CHINA SALE.

On February 8th, Messrs. J. C. Hardman & Son, Brayton, Iowa, and Mr. L. W. Hamilton, Kearney, Neb., will sell fifty head of Poland China gilts and brood sows at the Kiehl barn, Council Bluffs, Iowa. Messrs. Hardman & Son are well-known breeders who have made a specialty of the big-boned kind, and the twenty-five head that they are selling are of this kind. At the head of their herd is Expansion King 32422, a son of old Expansion, and a boar of great size and wonderful bone. The greater part of their offering is sired by Expansion King and is a most useful lot of sows. He sells two fall sows, one an exceptionally large sow for her age, both by Expansion King. Both of these are good, one being very large and with a good ham. The other with plenty of size and excellent quality. Five of the Expansion King gilts are out of one of his best sows, called Beauty, that was sweepstakes sow at Harlan, besting the Iowa State Fair sweepstakes sow. Ten of these gilts are sired by Melville Chief and Shamrock Perfection, and are bred and safe in pig to Big Tecumseh 43342 and Expansion Chief. Melville Chief, the sire of a number of the gilts, is a son of Johnson's Chief, who was also the sire of Dor's Tecumseh; and Shamrock Perfection, also the sire of a few gilts in the sale is a son of Messrs. H. B. Moats & Son's noted boar, Shamrock. Messrs. Hardman & Son are offering a choice lot of big-boned, good-sized, lengthy and well-developed sows. Mr. Hamilton writes as follows about his offering: "I am putting in a first-class lot of sows bred to my great young boar, King Impudence 43332, a son of the Iowa State Fair boar, Impudence, and Keystone Chief 43333, a son of the \$3,000 boar Grand Chief. This grand boar has size and bone, the tippy ears and substance of his brother and sister. Two of his sisters reached the \$200 mark in Mr. F. A. Dawley's sale. Mr. Lail sold over \$4,300 worth of pigs from his dam. We think he has a great future and will make a fine cross on these Moss Chief sows and Impudence gilts—five tried brood sows, three yearlings, twelve fall yearlings and four March gilts—one by Impudence which, we think, is a killer, one we did not want to sell, but put her in for an attraction. You could scarcely picture a fancier gilt;

that blood, fancy head and tippy ear that we all admire, broad, even, arched back, smooth sides and strong, well-set legs and short pasterns that always look good. A good show sow, any time you fit her, is sired by the greatest breeding boar of the day. She has for her dam Louise Junction 3d, second dam Louise Junction, a sister to Louise of Oakland, the champion sow of Illinois in 1906, breaking the record on sows by selling for \$1,800. She is bred to Keystone Chief, one of the best sons of Grand Chief. Lady Sunshine has two choice fall sows by Moss Chief, and Midway has two choice sows. We think we could go through the whole herd and write a book, but we will show them on sale day. They will have to be seen to be appreciated."

#### LAST NOTICE OF DAN NEEDHAM'S POLAND SALE.

When it comes to size, bone and quality in black hogs Mr. Dan Needham can show visitors something that will be a surprise. Only those who attend the sale which will be made from this breeders herd at Woodward, Iowa, will be able to appreciate the full truth of that statement. If you are looking for some well-bred hogs that combine the above characteristic in their individual make-up, then don't miss this sale. Some of the numbers which struck a representative of this paper as being worthy of special mention are a Trade Mark sow which has been producing large litters regularly, never anything less than nine pigs, and she will have two March gilts in the sale to vindicate her ability along this line. Another is a grand-daughter of Johnson's Chief 62243. She is also a heavy breeder and cares for her litters well, so that she should prove an extra profitable investment. Another is a grand-daughter of Guy Wilkes 2d, one of the standard lines of foundation blood. The yearlings number six head and will bear a great deal of praise. As much and more can be said of the twenty-six head of gilts sired by the several boars, Mischief Model 98435, Hands Down 105713, One Spot 9201, Mainspring 102681 and Jumbo 91987. Take a look at the sale advertisement on page 37 and if you have not yet secured a catalog, why, there is one waiting to be sent you at your request. Remember the date, Monday, February 11th, at Woodward, Iowa, in comfortable quarters. A few extra good young boars for those who want them.

#### LAST CALL FOR THE LESLIE HEREFORD SALE.

Those of our readers who may be on the market for some good Hereford cattle will never do better than to attend the closing out sale of Mr. W. H. Leslie, at Auburn, Iowa, on Saturday, February 9th. Having sold his farm he is compelled to close out his entire herd of select Hereford cattle. There will be thirty-seven head in the sale. Eight of these will be bulls, including his herd bulls, Dale Lad 35th and Cyril 228436. The former bull is a grandson of the \$10,000 Dale and he has been used in the Leslie herd with much success. The most of the young heifers and the most of the young bulls in the sale are sired by him. Among the matured matrons that he offers in this sale are four daughters of his former herd bull, Jumbo. Daughters of this well-known bull were always in demand and his daughters go into this sale as good as he has to offer. These are cows of great scale and quality. There are several daughters of the bull, Masher, in the sale. He is a son of Pretty Wilton 2d and these are all bred to Dale Lad 35th. There are also several good Bellman cows in the offering and a daughter of old Ancient Briton, the noted World's Fair bull. Here is one of the last chances anyone will have to get a daughter of this famous old sire and she will have a calf at foot by Headlight Dale 4th. He will dispose of some good young heifers and some man can get enough of these to start a good herd. The young bulls are all about a year old or more and are a good lot, and a car load can be secured in this sale. He will also sell a good lot of Chester White hogs, including his old herd boar, Duke of Headlight 15866. This boar will weigh 600 pounds and is a good breeder. Send to Mr. W. H. Leslie, of Auburn, Iowa, at once for catalog and kindly mention The Homestead.

#### AN IMPORTANT POLAND CHINA SALE.

To the breeder and farmer who is in the market for good, profitable Poland Chinas we take pleasure in recommending the sale of Messrs. Bridgford & Nesbitt, of Alledo, Ill., which will take place at the farm adjoining the city limits on Thursday, February 7th. We called attention to the boars in use in this good herd last week, and wish to direct the attention of those interested in good Poland Chinas of the heavy-boned, growthy type, capable of growing good strong litters, to some of the females in the offering. Faultless Sunshine 243036 is a two-year-old sow that has produced some very good stock, and a few of her get are included in the auction. She was sired by Faultless Perfection 2d and her dam was Bettie Sunshine 3d by Perfect Sunshine. This sow farrowed a litter of eight pigs last spring and raised six, all good ones. She goes into this sale bred to Young Delight for an early litter. May Sunshine 2d by Perfect Sunshine is an aged sow with good length and good bone, and has always produced good litters. This sow is safe in pig to Young Delight for an early litter. Faultless Loraine by Faultless Perfection 2d and a full sister go into the sale. They have raised fall litters and are not in as high flesh as some of the others, but they are good producers, the kind that make men money. A daughter of this sow that will suit the most discriminating buyer goes into the sale. She is safe in pig to Young Delight. There are a number of good yearlings in the offering and the farmer or breeder who is in the market for good stock should not overlook this offering. We wish to call particular attention to the three-year-old sow, Tecumseh Model 232400. This sow is a regular breeder of good-sized litters, and her pigs have always sold the first of the season's crop. Several gilts out of her go into this sale sired by Young Delight. This sow will sell with litter at side and some breeder will find a bargain in her. A good gilt out of Faultless Loraine by Young Delight goes into this sale bred to On the Dot 2d for an early litter. This is a good lengthy, good-boned, nicely-marked gilt and is the making of a good brood sow. A gilt by On and On 2d and out of Miss Sensation

## DEWITT'S POLAND CHINA SOW SALE

TO BE HELD AT THE CLAMPITT BARN  
Russell, Iowa, February 13, 1907.

### 28 HEAD--Matured Sows, Yearlings and Spring Gilts.

The spring gilts are mostly sired by Honest John 99583, and Young Jumbo 2d 101305. I am offering some good yearlings and some good old sows. These are bred to Exception, a grandson of Expansion, and A. W. Standard, a son of Standard Chief. Write me for catalog. Address,

A. W. DEWITT,

RUSSELL, IOWA.

#### TOO LATE TO CLASSIFY.



### Lawshe's Chester White Sows and Gilts

100 HEAD of very choice matured and full yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Monarch Jr. 13301, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address, Geo. H. Lawshe, Rt. 3, Harlan, Ia.

is a good, growthy gilt that will please the breeder in search of good material to add to his herd. In this connection we wish to state that the gilts offered for sale are a very uniform lot with plenty of bone and stand on the best of feet and legs. They are of the sort which any young man would select if he were establishing a herd of Poland Chinas, and the breeder would add to his already good herd if he wished to add new blood. We are pleased to recommend this offering to our readers and urge them to be present sale day. Bids sent to Mr. D. M. Pierce, representing The Homestead, will be properly handled. See the announcement on page 38 of this issue and in writing for catalog kindly mention this paper.

#### HUFF'S DUROC JERSEY SOW SALE.

On February 13th, Mr. C. W. Huff, of Mondamin, Iowa, will make his second annual brood sow sale at his farm about four miles from town. Mr. Huff is one of Iowa's younger breeders, who has been breeding a very useful type of Durocs, and he is selling a class of sows that will do good for any man that buys them. He is offering about forty-four head in the sale—seven matured sows, ten fall yearlings and twenty-seven choice gilts. The old sows are bred to Iowa Challenger 37603. The fall sows, with two exceptions, are sired by him, and he is also the sire of a majority of the gilts. Two of these fall sows are sired by Rustler 17365 and out of Sioux Bess, and they are first class, too. A son of Orion's Profit is the sire of many of the sows in the sale; also a boar called Bonney, by Bon Bon, out of a daughter of Delay. Two other boars used in the herd are Royal H. 54823 and Ben Fay Yet 54817. These will be bred to many of the sows in the sale. Mr. Huff's sows are coming along in fine shape and he says he never had a bunch of gilts make a better growth. A boar that he calls D. O., a son of Orion's Profit, the boar that sired the Minnesota sweepstakes boar, is bred to quite a number of sows in the sale. A three-year-old sow called Ella M., by Red Freeman, is one of those wonderfully long sows, with a splendid ham, and she is a good brood sow. Little Doreus, a two-year-old daughter of Rustler, bred to Iowa Challenger, is a good proposition to buy. The gilts are an even bunch, with good color and very growthy. It is an offering that will appeal to anyone wanting good Duroc sows. (Write Mr. Huff at once for his catalog and kindly mention The Homestead.)

#### PETER MOUW'S TWO-DAY SALE.

On February 14th and 15th, that veteran breeder, Mr. Peter Mouw, will make a two-day sale of Hereford cattle and Poland China hogs at Orange City, Iowa. The Herefords will be sold the first day and there will be forty head in the sale, including his two herd bulls, Harvey 4th, the 2,800-pound bull, and Prince Donald, a three-year-old bull that won fifth prize at the International in a ring of thirty-seven when eight months old. Mr. Mouw's last Hereford sale at Omaha netted him \$9,700 on thirty-six head, and this is a superior lot to what he sold at that time. Prince Donald is a son of Prince Rupert, that won first at New York, West Virginia, Illinois and Indiana State Fairs and grand sweepstakes at Ohio State Fair. He was also a sweepstakes bull at the American Royal. Some of the cows are sired by Weston Briton 68121, a son of Ancient Briton, and Harvey 4th, his 2,800-pound herd bull. There will be a lot of good cows and heifers in this dispersion sale, as well as some splendid bulls. His brood sow sale is of world-wide interest on account of his acknowledged lead on size. This sale will be the greatest offering ever made from this herd. For the past twenty-five years Mr. Mouw has exhibited big Poland Chinas, including the two great world's fairs at Chicago and St. Louis, and he has won his way to the front as a breeder of the "big ones." He is selling fifty head of sows, all over a year old; all are the tops of his herd and are bred to the big boars in the herd. These sows are long-bodied, heavy-boned and the largest lot of sows ever sold from this well-known herd. A breeder who has recently seen them says they are the largest bunch of sows he has ever seen. Write at once for catalog and if you cannot attend the sale send your bids to Col. F. M. Woods in Mr. Mouw's care. Kindly mention The Homestead when writing for catalog.

#### THE WELCH-SKINNER DUROC JERSEY SALE.

On February 14th Messrs. J. Skinner & Son and I. C. Welch, both well-known Duroc Jersey breeding firms, will make a sow sale at the McMahill sale barn, Bedford, Iowa. Messrs. Skinner & Son are selling twenty-seven head, of which ten head are yearlings and matured sows and the rest spring gilts. These will be sired by Mogul's Best, Tip Top, Addy's Chief and Billy Golden. They have taken pains to select their best sows for this sale, and they are safe in pig to Billy Golden and I. C.'s Crimson Wonder. They are selling a well-made and practical Duroc Jersey sow without any frills on her. They are breeding a class of sows that raise pigs

### JOHN JUSTICE

Ankeny, Polk County, Iowa,

Will sell at farm, half mile from Quilhart Crossing, on D. M. I. F. & N. R. R., and one and one-half miles north of Berwick, FRIDAY, FEB. 15, 1907.

### 40 Duroc Jersey 40 Sows and Gilts

Sired by Proud Lad 35943, Billy K. Jr., Gilt Edge and others. Bred to Keep On and Advance boars. Send for catalog.

Col. C. E. Luther, Auctioneer.

### ARDMORE SHORT-HORNS.

### 10 Scotch and Scotch-Topped Bulls For Sale 10

Sired by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

ARDMORE STOCK CO., Holstein, Iowa

### CLEANING UP SALE

of the J. H. Barnett Estate. 10 PERCHERON and FRENCH DRAFT STALLIONS At a Sacrifice. Write L. C. BARNETT, Indianola, Iowa

### W. H. JONES, CLEMONS, IOWA

### POLAND CHINA SOWS AND GILTS

GOOD profitable breeders, growthy, lengthy and right in bone. Sixteen years' breeding experience. Mail orders a specialty.

### I HAVE FOR SALE SOME NATIVE STOCK-ERS AND FEEDERS.

45 HEAD Angus, av. 1000 lbs., 60 head Herefords, 950 lbs., 35 head Shorthorn yearlings, 750 lbs. All Iowa cattle; dehorned; each bunch even in size; in good grass feed, but have had no corn. Price right to a quick buyer. Address, W. W. Dyer, Keosauqua, Iowa.

### CLYDESDALE STALLION FOR SALE

I have a choice pure bred three-year-old stallion, 1 sired by the great MacGregor horse Imp. McLure, and out of the Cedric horse, Prince Danley, for sale at reasonable price. Come and see him. Laban Harrison, Prescott, Iowa.

FOR SALE OR EXCHANGE: 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

FOR SALE A ROYAL bred Sampson Percheron colt, record, ed, coming 3. Color black, will make a ton horse. Address, L. D. Norris, Redding, Iowa.

A 14 MONTHS SHORT-HORN BULL. For sale. Color red, weight 1,050 pounds, dam a young Mary cow, sire a pure Scotch bull. Jas. Atkinson, Des Moines, Iowa.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

and enough of them. The number in the litters has always been above the average, and they never fail to find buyers for their surplus stock. Mr. I. C. Welch, their neighbor and fellow breeders, sells thirty head, and he is offering a splendid lot of sows. There will be five aged sows in his offering, four of which are sired by old Mogul, a boar formerly used in his herd, and well and favorably known in southern Iowa. One of these aged sows is sired by Splendor, and she has been a most excellent brood sow. Mr. Welch also sells a daughter of Shadler's Top Notcher bred to Expansion, a son of Orion Chip, now in use in the herd. All the yearlings are sired by Tip Top, a former herd boar. Four of these are out of Lady Mogul and they are good enough to go into any herd. They are smooth, with a good bone and nice heads and ears. Eighteen of the gilts are sired by Tip Top and four of the best are out of Josephine 2d. He is also offering two nice gilts by a son of Proud Advance. All of his offering are bred to Expansion and Crimson Wonder III. We know of no sale where we think buyers can get more for their money than in the Skinner-Welch sale. If you want a good practical Duroc Jersey sow be sure you go to Bedford, Iowa, on February 14th. Write either breeder for catalog and kindly mention The Homestead.



### The Northeast Nebraska Duroc Jersey Sale Circuit.

#### RENSHAW'S DUROC JERSEY SOW SALE.

The opening of the northeast Nebraska Duroc Jersey sale circuit will begin at the farm of Mr. Austin Renshaw, at Blair, Neb., on February 14th, when he will sell forty-one head of brood sows. The offering as a whole is superior to anything that he has heretofore sold. Twenty-one head are sired by the great Junior Jim, and here will be an excellent place to get a Junior Jim gilt. The great sow, Ruberta, that sold in the Garret sale last week, was bred to him, and everything that was bred to him went sky high. Mr. Renshaw is putting in a grand lot of Jim gilts and they should be eagerly picked up at good prices. The rest of his offering will be sired by Golden Perfection, Alix Advance, Glendale Critic, Glendale Jim, Cole's Duroc and Long Alix, every one of which carries the blood of the most noted prize winners. These will be bred to his well-known prize-winning boar, Arion, Redwood Chief, a son of the great boar, Ohio Chief, and Long Alix. One of his best gilts is Lady Alix II., sired by the Iowa State Fair prize winning boar, Glendale Jim, and out of Lady Alix by Proud Advance. She is bred to Arion for early farrow. He also sells a nice gilt by the Nebraska State Fair boar, Cole's Duroc. One of the real topky gilts that he is offering is No. 20, a Long Alix gilt out of a Dandelion sow. She has both the size and the quality and she is a good one, and it will take a long price to get her. She is bred to Arion. Another very topky gilt is sired by Glendale Critic and out of a Chitwood sow, the latter hog being the sire of the great boar, Junior Jim. This gilt is bred to Redwood Chief. There are three of her litter sisters in the sale. There are several other decidedly good things in this sale and buyers should not forget the Junior Jim gilts. Write at once for catalog and then go to his sale.

#### MANLEY & CO'S GREAT BROOD SOW SALE.

The question now uppermost in the minds of Duroc Jersey breeders is how can they secure a sow bred to the great Junior Jim. Nine sows in the F. E. Garret sale last week bred to Junior Jim made an average of \$391, the great sow, Ruberta, bred to Jim, selling for \$1,500. In Messrs. Manley & Co.'s forthcoming sale about half of their offering will be bred to this great boar. They are selling about ten Orion sows, every one bred to Jim, and they are also selling ten head of Junior Jim gilts, thus making it one of the most attractive offerings of the year. Besides these they are also selling their entire show herd of 1906, including the great Young John sows, one of which was a winner at the Illinois State Fair. The best one of these Young John sows is bred to Junior Jim and she is one of the greatest sows that will be sold this year. They are also selling some grandly-bred Proud Advance sows in this sale. The most of their offering will be bred to Junior Jim and Advance Lad, the latter boar being a son of Advance and a litter brother to Proud Advance. Messrs. Manley & Co. have always put up good offerings, but never have they put up a more uniform lot of sows, and certainly never have they sold a bunch of sows bred to a boar that has made a greater reputation than the great Junior Jim. With Ruberta, bred to Jim, selling at \$1,500, has made a decided demand for sows bred to this great hog, and Messrs. Manley & Co. are putting them in this sale. There will also be some good sows in the sale sired by Belle's King, a son of the great Nebraska Belle. It is one of the last times that breeders will have an opportunity to buy an Orion sow bred to Junior Jim, and it is one of the last times an Orion sow will be sold in a Manley sale. The same is true of Proud Advance sows. Stop and think a minute. An Orion or a Proud Advance sow bred to the great Jim hog. What will it mean for your sale next year? A bunch of boars or a few good gilts will certainly make your offering very attractive. The way to get them is to go to the Manley & Co. sale and buy a sow. Nine sows bred to Jim in the Garret sale at an average of \$391 looks good, and it shows breeders what others think of the combination. The boys have issued a splendid catalog which tells it all. It will be sent on application, provided you mention The Homestead when writing.

#### RUSSELL'S SOW SALE.

On February 6th, at Blair, Neb., Mr. E. Z. Russell will entertain the Duroc Jersey breeders with an offering of forty head of brood sows. It is an offering that will please those who love a typical Duroc Jersey and it is an offering that will uphold the reputation of the herd and make money for the buyer. Twenty-six head that he sells will be yearlings and aged sows, the rest spring gilts, and it makes one of the very best bunches of sows on the circuit. The blood of old Gold Dust Jim, the Iowa State Fair sweepstakes boar, percolates through the herd, as does also the blood of Crimson Wonder, Malcolm's Model, old Surprise and Glendale Jim. It is a combination of blood lines that has been mortgage lifters, and every man that has bought here in years gone by comes back again. This year you will see them all there, besides the new ones. They will all want some of the daughters of Glendale Critic, Gold Dust Jim and Malcolm's Model, that Mr. Russell is putting in. An especially attractive lot of Malcolm's Model yearlings go in, and these Malcolm's Model sows have always been right at the top as brood sows. Some of the best herds in Minnesota and Iowa have won their way to the front on Malcolm's Model sows. There will be some choice gilts in the sale by this noted prize-winning boar, Glendale Critic, and there has always been a great come out to these sows. There will be a few good Gold Dust Jim sows in the sale and also some by Gold Dust Jim 2d. The latter hog was the sire of some of the best sows in Mr. Russell's last sale. The Malcolm's Model sows are mostly bred to Glendale Critic, and breeders will find here a great combination of blood lines. He is also using a boar called, Crimson's Choice and Jumbo Critic. He sells a litter sister to his prize-winning boar, Critic's Echo, in this sale, and she is all right. One of his most attractive aged sows is Eleanor R. IV., a daughter of old Glendale Prince, and she is one of the best brood sows Mr. Russell has ever had in his herd.

## 100 Richly Bred Duroc Jersey Sows at Auction

### FEBRUARY 11, 1907

Geo. Schwab, sale to be held at his farm.

35 HEAD—15 MATURED SOWS 20 SPRING GILTS.

Three daughters of Red Knight, first and sweepstakes boar at Nebraska State Fair, 1905, and bred to Jeffries, one of the best sons of Van's Perfection. Most of the offering are sired by Morton Prince. If you want prize winning blood, come to this sale. Write at once for catalog. Address

Geo. P. Schwab,  
CLAY CENTER, NEBRASKA.

### FEBRUARY 12, 1907

H. B. Loudon & Son, sale to be held at farm.

25 RICHLY BRED SHORT-HORNS, 15 CHOICE BROOD SOWS.

On the above date we will disperse our entire herd of Short-horn cattle. There are some choice animals in the bunch, of the most noted Scotch families. Our brood sow offering is not large, but we have the goods. Daughters of the great Hambletonian and bred to Jumbo's Perfection. Write for a catalog and look over the breeding of these cattle and hogs. Address

H. B. Loudon & Son,  
CLAY CENTER, NEBRASKA.

### FEBRUARY 13, 1907

Wm. J. East & Son, sale at farm.

35 head of richly bred Durocs representing the blood of most prominent strains.

Several daughters of Beydek, first-prize hog in class at Nebraska State Fair, and third at St. Louis. A number of the sows are mated to Kansas Banker, one of the best sons of Improver II. Each animal a useful one and many sows of rich breeding and show-yard individuality. Write for a catalog. Address

W. J. East & Son,  
CLAY CENTER, NEBRASKA.

Col. C. E. Luther will do the selling. Mail bids sent to Ray Page of this paper will be properly handled.

No man can go wrong who buys her. A sow bred to Glendale Critic has always been a winner for every breeder who has purchased them, and there never was a better opportunity to buy them than in this sale. Every breeder who knows Mr. Russell is figuring on being at this sale. Be sure you get there and see one of the best offerings of the year. Write him at once for catalog and kindly mention The Homestead when doing so. If you cannot be there in person send a bid to Mr. M. T. White, of The Homestead, in care of Mr. Russell, and it will be attended to.

#### SMITH BROWN'S SOW SALE.

The former home of the great Nebraska Belle will be alive with the best breeders of Duroc Jerseys when Mr. Smith Brown, of Waterloo, Neb., makes his annual sow sale on February 7th. This herd is filled with the blood of Crimson Wonder, Orion, Echo King, Red Chief I Am and other good boars, and his forthcoming sale will be made up of some of the best that the breed affords. He is selling seven granddaughters of the great Nebraska Belle in this sale, and they are bred to a son of the sweepstakes boar, Gold Dust Jim. Here is something that always breeds on, and breeders should go after them. Mr. Brown is selling one of the great sows of the year in Gold Dust Queen, a daughter of Gold Dust Jim. This sow topped the Russell sale last year, but she is even better now than when Mr. Brown bought her. She is bred to Belle's Model, considered one of the best sons of old Nebraska Belle. These sows are bred to Red Reuben, a son of Gold Dust Jim; Echo King, a state fair prize winner and a splendid sire; and Belle's Model. He is selling some good aged sows, a splendid lot of yearlings and some choice spring gilts. No breeder in the West has done more to advance the Duroc Jersey hog than Mr. Smith Brown. Years ago he was the one man that paved the way by buying the great Nebraska Belle at \$510, when that price startled the breeders of the red hog. He took care of her and her get and made good, and later sold her for \$600. In every instance he has bought the good ones, and no man living deserves a better sale than does this pioneer of the Duroc Jersey breed. We hope that every breeder will be with him on sale day. He has a good offering of sows. They are bred right and are in pig to noted boars. Write Mr. Brown at once for catalog and if you cannot attend the sale send your bid to Mr. M. T. White, Homestead representative, in his care, and it will be properly attended to.

#### ARCH BROWN'S SOW SALE.

On February 8th Messrs. Arch Brown & Sons will offer at Waterloo, Neb., the best lot of Duroc Jersey sows that they have ever sold, and that is saying a great deal. They have made special preparations for this sale and have selected the best lot of sows that have ever come from their herd. Some of the best daughters that old Echo King ever sired go in and they are always good. This year they are better than usual. Sure Winner 14843, another great boar in their herd, is the sire of some very topky gilts that are bred to Echo King. There are some corking good Royal Top Notcher gilts in the sale bred to Sure Winner. A number of their best sows are bred to Onward Duroc, a grandson of Nebraska Belle. They also sell one of the great sows of the year in Nebraska Queen. This great daughter of old Duroc Challenger is a wonderful brood sow. We knew her in the A. T. Cole herd and later in the Smith Brown herd, and she was always good. She cost Mr. Arch Brown \$300, but she is a better proposition today than she ever was. No man will go wrong in buying her or sending a long bid on her. She is bred along the most popular lines and is the dam of two gilts in the Harding sale that sold for over \$1,000. She is bred to the old noted boar, Kan't Be Beat, for early farrow. They also sell four red Knight gilts in this sale and two daughters of the great Junior Jim. Write for their interesting catalog and mention The Homestead. If you cannot be there send your bid to Mr. M. T. White, Homestead representative, in care of Messrs. Arch Brown & Son, and it will be honorably dealt with.

#### Miller's Short-horn Sale.

On Wednesday, February 6th, Mr. Geo. H. Miller will make a public sale of forty-two head of Short-horn cattle from his Pine

## Second Annual Brood Sow Sale

FROM

### MULBERRY GROVE HERD OF DUROCS

AT SPIKER'S SALE PAVILION

Chariton, Ia., Thursday, Feb. 7th

Daughters of champions, bred to champions. Forty head of sows and gilts—eighteen daughters of the champion, Top Notcher Again, four daughters of the great Proud Advance. All safe in pig to the sensational champion of 1906, Crimson Wonder Again. Three daughters of Crimson Wonder Again safe to one of the best sons of Proud Advance; two daughters of Nebraska's first-prize boar, Tom Davis. This sale will contain more champion blood than any offering inside the state this year. The individuals will back the breeding. Chariton is on main line of C. B. & Q. Free entertainment at Depot Hotel in Chariton. For catalog address

Cols. H. S. Duncan, Chas. Morehead, D. A. McMains, Auctioneers.

Send bids to auctioneers or L. E. Troeger, representing The Homestead, care H. S. Allen.



### WELCH-SKINNER

## Duroc-Jersey Sow Sale

Bedford, Ia., Feb. 14, 1907

Matured Sows, Yearlings and Spring Gilts

Sired by old Mogul, Mogul's Best, Tip Top, Shroder's Top Notcher and a son of the great Proud Advance. These are bred to Expansion, a son of Orion Chip, Billy Golden and I. C.'s Crimson Wonder. We are selling the very best sows that we could select out of our two herds. Write us for catalog at once and come to the sale. Address,

I. C. WELCH, J. SKINNER & SON,

BEDFORD, IOWA.

PIPER BROS. AND R. C. MICHAEL, AUCTIONEERS

### DUROCS

## Huff's Second Annual Sale

MONDAMIN, IOWA, FEBRUARY 13, 1907

44 HEAD OF CHOICE SOWS 44 HEAD  
7 Mature Sows, 10 Fall Yearlings, 27 Gilts

STRONG in the blood of Orion, Iowa Challenger, Onawa Orion by Orion's Profit; E. Z. by Sure prize; Rustler by Glendale Chief and other noted strains. Sale at farm, four miles north of town in heated and seated tent. Send for catalogs and plan to spend the day with us.

C. W. HUFF, MONDAMIN, IA.  
Tupper Bros., Auctioneers.

Center Stock Farm, the sale to be held at the pavilion in Harlan, Iowa. There will be twenty cows and heifers and about fifteen young bulls in the sale. The Miller offering is a good one individually and are excellent in color, nearly every one being a nice red. Many of the young bulls and heifers are sired by his Scotch bull, Gloster Bud 194649, and he is also bred to many of the cows in the sale. No. 1 of catalog is a Scotch-topped Waterloo Duchess, and a good cow. She also has a daughter in the sale sired by Merry Monarch, a grandson of Imp. Merry Hampton. He puts

in a good daughter of the Scotch bull, Captain Lovely, and several daughters of Lavender 2d. The cows and heifers have plenty of scale and are good individuals. He is selling as good a bunch of young bulls as has been sold this season. They are well developed, are nearly all sired by Gloster Bud and are strictly all right. Here would be a great place to secure a car load of young bulls. They are in nice condition and have been well grown out. There will be some decided bargains in this sale. Write at once for catalog and mention The Homestead.



# THREE SPLENDID DUROC JERSEY BROOD SOW SALES

**FEBRUARY 13, 1907,**

GREENFIELD, IOWA.

**40** Five aged sows balance spring gilts **40**

Among them Valley Lady by Reed's Banker. This sow cost \$400 at the Harding sale. Will also sell Lady Orion Dandelion by Proud Advance. Also daughters of Ohio Chief, Stout's Advancer and other great boars. The cream of my herd goes in this sale. Write me for catalog. Address,

**H. A. Sexsmith, Greenfield, Iowa.**
**FEBRUARY 14, 1907,**

ORIENT, IOWA.

**35** Nine aged sows balance spring gilts **35**

Including Lucy Brooklyn by Top Notcher Chief. Also daughters of Ohio Chief, Proud Advance, Stout's Advancer, Keep On and other good boars bred to Crimson I Am, Valley Chief and F. A.'s Choice. I am selling my tops. Send for catalog. Address,

**F. A. Strong, Orient, Iowa.**
**FEBRUARY 15, 1907,**

GREENFIELD, IOWA.

**40** Five aged sows balance spring gilts **40**

Daughters of Crimson Wonder I Am, granddaughters of Proud Advance; balance by Bell Watts and bred to Foster's Wonder by Crimson Wonder I Am and I Am Orion by old Orion. Write me for catalog. Address,

**W. A. Foster, Greenfield, Iowa.**

There are some grand Duroc Jersey sows in these sales. Write the above breeders for catalog. Cols. Duncan and A. C. Manifold will cry all three sales. If you can't come send your bids to them in care of the above breeders.

## The Whitehall Combination Sale Company's Sale.

On page 47 of this issue will be found the advertisement of the Whitehall Combination Sale Company, composed of some of the leading breeders of Ohio, who annually hold public sales at Whitehall Farm, at Yellow Springs, Ohio. Those composing the company are Messrs. S. E. Morton, of Camden, Ohio; E. S. Kelley, of Yellow Springs, Ohio; C. E. Speaks, of Yellow Springs, Ohio; Fred Bauer, of Eastwood, Ohio; Geo. D. Black and G. H. Fogg, of Yellow Springs. These breeders have each selected the tops of their herds for this event. They represent some of the best herds of the country, and it is a source of much pleasure to them to know that in many western herds boars of their breeding are being used. Mr. S. E. Morton needs no introduction to western breeders. He bred, used, showed and sold Ohio Chief, one of the greatest Duroc Jersey boars ever produced. He has also produced many others of equal merit, and it should be said to his credit that he has been one of the foremost breeders of Duroc Jerseys in America. Mr. E. S. Kelley is among the younger breeders of Durocs, but through his manager, Mr. J. E. Drake, he has selected his foundation stock from the best breeders and by the use of excellent males he has built up one of the good herds of the country. Mr. C. E. Speaks has been breeding Durocs for several years and puts in this sale nothing but the tops of his herd. Mr. Fred Bauer is another

buying at the various public sales and we want to say that we never saw him buy a poor sow. His herd is rich in the blood of Proud Advance, Orion, Improver II. and Ohio Chief. The three herd boars in service are Savannah Belle's Chief by Ohio Chief, dam Savannah Belle, the \$730 Nebraska Belle gilt. Daisy's Advance, the greatest son of Proud Advance, dam Daisy Orion, the greatest yearling sold last year in Iowa, Orion's Advance by Orion, dam Proud Lady, the \$1,275 sow. These boars are mated to such sows as Lady Pride, she by Improver King by Improver II, dam Lady D., she by Supply, bred by Mr. S. E. Morton. This certainly is one of the very best yearlings to be sold this season. She is a very large, massive sow, with great length and bone and up on her feet like a pig, and as smooth as they can be made and as fine, red hair as you wish to see. She is O. K. Madrid Belle, the old sow that has produced so many good ones, goes too. A fine yearling, Lady Crimson, by Orion Chip, dam Daisy Girl, a litter sister to Crimson Wonder, goes in this offering and here comes as fine a bunch of Proud Advance gilts weighing 300 pounds and better as Mr. Poush could gather together. Five of them are dammed by Daisy Advance, that great brood sow, and they certainly are peaches, and every one of them bred to that great Ohio Chief boar. Then there is the fine Proud Advance gilt that topped the J. A. Russell sale last October, and she is a corker. Another one by Nan Orion, that sow that has made Mr.



Col. Advance, litter brother to Proud Lady, that sold in Messrs. Manley & Co.'s sale last winter at the record-breaking price of \$1,275. This boar is one of the principal boars used in the herds of Messrs. T. W. Stoner & Son, of Henry, Ill. A number of the best females in their forthcoming brood sow sale are safe in pig to this boar. See field notes.

of the good breeders of Ohio. In the Dayton sale last year his consignment made next to the top average. A western breeder in talking to the writer the past week remarked that the gilt purchased from this consignment last year was the best sow in his herd and that he would keep her as long as she produced such litters as she did last season. Mr. Bauer always sends his stock forward in the pink of condition. Mr. Geo. Black sends forward a good lot and Mr. G. H. Fogg has selected his tops for this occasion. The blood of such noted boars as Ohio Chief, C. E.'s Col., King of Cols., White Hall King, White Hall Model, Fogg's Col., Chic's Chief, Ira Wonder, The Chief, Advancer II, Model Chief Again, Morton's King, Beat Him If You Can by Kan't Be Beat, and others of equal merit is found in the offering. In our issue of next week we will give full particulars regarding the stock to be sold and would urge our readers to plan to be present sale day. This sale follows that of Mr. Ira Jackson, and can easily be reached by traction car. The catalogs are now ready and will be sent to all who write as per the advertisement on page 47. Bids sent to Mr. D. M. Pierce in care of White Hall Farm will be properly handled. Kindly mention this paper when writing.

## Poush's Great Sale.

The opening sale of the southwest Iowa and northern Missouri sale circuit will begin at Charlton, Iowa, when Mr. A. E. Poush will sell forty head of the best sows ever sold in the state. We have known Mr. Poush for the past five years and have seen him

Manifold famous, two by Queen's Choice that are dandies, and still another by that great brood sow, Madrid Belle. And there is a fine bunch of March gilts by Ben Davis, the junior yearling first prize at Des Moines, 1904, and sire of the second-prize yearling at same show, 1906. These gilts are half sisters to this hog and they are put up about right. February 19th is the date. If you cannot be present send your bids to Mr. M. T. White, Homestead representative, in care of Mr. Poush.

## Registered Percheron Mares and Stallions at Auction.

This is our last opportunity to direct attention to the splendid lot of registered Percheron stallions and mares are offered for sale by Messrs. E. F. Rogers, F. A. Frost and others, at Union, Iowa, February 6th, at which time and place the above-named gentlemen will sell twenty-three registered Percheron stallions and mares and three German coach stallions. The above offering will be sold in Mr. A. E. Mason's new pavilion. It seldom occurs that breeders of Percheron stallions and mares that have been raised by the smaller breeders have associated themselves together for the purpose of disposing of their stock. This experiment will be tried out by the above-named gentlemen. As has been previously stated, these horses have been reared in the plain, practical farmer manner that is commonly practiced on every Iowa farm. Hence the danger of these horses going back on their new purchasers is entirely eliminated.

## COMBINATION

### Poland China Bred Sow Sale

at the Keil Barn, Council Bluffs, Iowa.

**FEBRUARY, 8th, 1907**
**50 Head Gilts and Matured Sows of Rich Breeding**  
**J. C. Hardman & Son, Brayton, Ia., 25. L. W. Hamilton, Kearney, Neb., 25.**

This is the sale that offers you the big-boned type combined with plenty of quality. Fifteen gilts by Expansion King 32422, reputed to be the largest boned hog in Iowa and Nebraska. He transmits this to his get and these gilts are of his type, big with plenty of finish and quality. Ten gilts sired by Melville Chief and Shamrock. Five of these are out of Beauty, who won at Harlan over sow that won first and sweepstakes at Des Moines. This is Mr. Hardman's offering and all are bred to Big Tecumseh, by Contractor, winner of first at Nebraska State Fair, 1906.

Mr. Hamilton consigns gilts and matured sows by Moss Chief 19808, Grand Chief Tecumseh 2d 2555, and two sows by Chief Perfection 2d 42559, and one by Impudence 97557. They are bred to King Impudence by Impudence and Key Stone Chief by Grand Chief 29740, a \$3,000 boar. Combined this is an offering that merits your attention. If you want show stuff, that's got bone, size, finish, breeding and quality, this is the sale to attend. For catalog, address,

**L. W. Hamilton, Kearney, Neb.**
**J. WEST JONES, Auctioneer, assisted by others and fieldmen.**

## Ruebel Bros. Third Annual Sale of POLAND CHINA BRED SOWS

TO BE HELD AT FARM FIVE MILES EAST OF ROCKWELL CITY, IA., ON

**TUESDAY, FEBRUARY 12, 1907**

Twenty tried brood sows, seven fall yearlings, 38 spring gilts. There will be sows in this offering sired by Chief Perf. 2d, Keep On, Mischief Maker, Chief Tec. 3d, Palatis Chief, R's Keep On and Iowa Chief, and bred to R's Keep On, Iowa Chief and Moderator, the great young boar we purchased of John Blain. This will be one of the best lots of large, prolific, heavy boned Poland Chinas that will go through a sale ring this winter. Our hogs are all healthy, and in fine condition. Our entire lot of sows farrowed an average of over nine pigs to the litter last spring. Having sold our farm and our new location not being properly arranged for the hog business compels us to put in some of our very best brood sows that could not be bought under any other circumstances. Do not miss this opportunity to secure some of these choice animals at your own price. We are also offering a number of good Short-horn bulls at private sale. Send for catalog. Lunch at 11:30; sale at 12:30.

**Col. F. M. Woods and Assts., Auctioneers**
**RUEBEL BROS., Rockwell City, Iowa.**

## Peter Mouw's

—TWO DAY SALE—

**40 Head Hereford Cattle 40**
**50 Big Poland China Sows 50**
**ORANGE CITY, IOWA,**
**February 14-15, 1907.**

The cattle will be sold on Feb. 14.—Nine bulls, including my two herd bulls. 31 cows, 10 with calf at foot, remainder bred to Harvey 4th, and Prince Donald. The Poland Chinas will be sold Feb. 15, and are the largest, heaviest boned and lengthiest lot ever seen together, some will weigh 700 and 800 lbs. Write me at once for catalogs. Address,

**PETER MOUW,**
**Orange City, Iowa**
**COL. F. M. WOODS, Auctioneer.**

When writing please mention this paper.



**W. L. Addy & Son's Duroc Jersey Bred Sow Sale.**

On Friday, February 22d, at Parnell, Mo., Messrs. W. L. Addy & Son, of that place, will sell thirty-five head of Duroc Jersey bred sows. These are tops of their richly-bred herd and have mostly been bred to W. L. A.'s Choice Goods, one of, if not the most richly-bred boars known to the breed—his litter brothers excepted. To trace out through both sire and dam all the great ancestors of this great boar would consume too much space, but for the benefit of those who have never traced out the pedigree of this animal we wish to call attention to the leading strains of blood that have contributed to the individual excellence and the breeding qualities of this great young boar, conceded the most richly bred and possibly as great a sire as is found in the breed. You will note that his sire, Lafollette, was got by Belle's Chief that sold for \$205 at public auction when less than nine months of age. Belle's Chief was got by Red Chief I Am, sire of the great Red Lady that won over Iowa and Nebraska in 1903. Red Chief I Am was got by Protection, sire of the great Jumbo Red and possibly the sire of more foundation stock some few years ago than any boar of the breed. Belle's Chief had for his dam that great championship winner, Nebraska Belle, conceded one of the greatest show and breeding sows in the world. She was got by Higgins' Model, a brood sow sire that has no superior. Going back to Lafollette we find that he had for his dam Bishop's Choice, the dam of that great Challenger litter, Cole's Duroc, Larchwood and Challenger Jack, three litter brothers that stood one, two, three in the greatest show of yearling Duroc Jersey boars ever shown. The sire of Bishop's Choice was Duroc King, sire of that great championship winner, Improver II, that in turn has sired many winners. W. L. A.'s Choice Goods' dam, S. E.'s Model IX, was got by Ohio Chief (and we find here that grand old sire, Protection, playing an important part) he being the sire of Ohio Chief. The dam of Ohio Chief was Duchess 40th, dam of the great Top Notcher. C. E.'s Model IX, was out of S. E.'s Model by Col. M., another of Mr. S. E. Morton's great breeding boars. We might carry this history further, giving all the high prices these sires and dams and their descendants have sold for, but we believe more in the individual excellence of pure-bred live stock than any prices the sires, dams or their descendants may, or have, sold for. In conclusion the writer wishes to say that in W. L. A.'s Choice Goods Messrs. Addy & Son have a breeding boar that is the product of stock which has been noted for transmitting their good qualities to their offspring, and in this hog these gentlemen have a breeding boar such as is seldom found. They have for their sale on the 23d of February, selected a strong line of sows bred to this boar. This will be the second opportunity to get litters by him. There will also be four of his daughters in the sale, the first to leave the herd, except a few sold in dam last winter. They are the kind so much in demand: In future issues mention will be made of the sows bred to S. E.'s Model. In the meantime write Messrs. Addy & Son for a catalog and kindly mention this paper when doing so. See page 35 for advertisement.

**Allen's Great Sow Sale.**

An offering of Duroc Jerseys that is commanding considerable attention is that of Mr. H. S. Allen, of Russell, Iowa, on February 7th. From the Mulberry Grove herd have come some good things before, but never has Mr. Allen offered a better lot of sows than he will send through the ring on this occasion. There are eight fall yearlings sired by Top Notcher Again, and all are bred to the Iowa State Fair sweepstakes boar, Crimson Wonder Again. No. 2 is the dam of Mulberry Queen, the sow that produced his prize litter in 1905. Gilts out of this litter topped both his fall and spring sale last year. Her name is Mary Notcher, and she will make a show yearling. She is bred to Crimson Wonder Again. Her litter sister, June Top Notcher, is a right good one, very deep in body, fine color, nice head and ear, and an all-round good sow. She is bred to Crimson Wonder Again for early farrow. The dam of these gilts also goes in, bred to the same hog. There are two other corksing good yearlings in the sale, daughters of Top Notcher Again, out of a Patsy Bolivar sow. These are Nos. 7 and 8. They have good backs, good heads and ears, heavy bone and stand on good feet, and are bred to Crimson Wonder Again. There are some good fall yearlings by Top Notcher Again and out of Patsy Bolivar sows. There are three of these, and they will make the big kind; one will easily make a 700-pound sow when matured. Among the spring gilts are ten good daughters of the old champion, Top Notcher Again. One of these that deserves especial mention is No. 11 of the catalog. She was farrowed March 2d; eleven in the litter. She is massive in size, with lots of quality; would not be a bad proposition for a show yearling. She is bred to the sweepstakes boar. There are four daughters of Crimson Wonder I Am in the sale out of a Top Notcher Again dam. We are keeping a litter sister of these for our show herd next year. Two of these, Nos. 17 and 18, are very good. They are good all over and are safe in pig to one of the best sons of old Proud Advance. Any man who buys Nos. 17 or 18 on mail order and is not satisfied, can ship her back at Mr. Allen's expense. He also sells three spring gilts, all daughters of Proud Advance and bred to Crimson Wonder Again. They ought to go some because they are good. Also two daughters of Tom Davis, the first-prize Nebraska State Fair boar. One of these is safe in pig to Top Notcher Again, the other to Crimson Wonder Again. They are selling a good daughter of old Advance; also three of her daughters go in. In no sale this season will there be more of the blood of noted champions than will be found in the Allen offering and in no other sale will there be more size and quality. There are eighteen daughters of the old champion, Top Notcher Again in this sale, and they are bred to the sweepstakes boar, Crimson Wonder Again. Thirty-four sows in the offering are safe in pig to Crimson Wonder Again. Who offers a better lot of sows? Get a catalog and go to the sale.

**Stoner & Remley's Duroc Sale.**

No better-bred lot of Duroc Jerseys will go through the auction ring this year than the offerings of Messrs. T. W. Stoner & Son, of Henry, Ill., and J. W. Remley, of Lacon, Ill., which will be sold at Henry, Ill., Friday, February 8th. Forty-five head have been selected from these two good herds, thirty-five from the Stoner herd and ten head from the Remley herd. Messrs. Stoner have at the head of their herd one of the good boars of the breed in Stoner's Improver. He is a son of the noted Echo King, the boar that did such good service in the herd of Messrs. Smith and Arch Brown, of Waterloo, Neb., and his dam was by Corrector, a boar which did much good in the herd of Mr. J. D. Nidlinger, of Decatur, Ind. This boar has turned out much good stuff and the sows which have been included in the sale bred to him will make valuable additions to any herd. Another boar which this firm have been using to good advantage is Advance Col. This yearling boar was sired by Proud Advance and is out of Mady Orion by Orion. Such breeding as this is hard to find, and few better sons of Proud Advance are to be found anywhere. He is a full brother, litter mate, to Proud Lady, the sow which sold at the record-breaking price of \$1,275 in Messrs. Manley & Co.'s sale last year. Several of the best gilts in the sale are bred to this boar, and those of our readers who wish to improve their herds will do well to secure a sow bred to this noted boar. Mr. Remley has consigned ten head to the sale and they are bred to J. I. C., one of the best sons of Kan't Be Beat the writer has ever seen. His dam is Cedarville Queen VIII., first in class and junior champion sow at the World's Fair, 1904. Another boar which Mr. Remley used with good results in his herd was Choice Goods, he by Echo King, and his dam by Corrector. This boar is the sire of several of the good ones in the offering, and crossed with J. I. C. should produce something that would benefit any man's herd. Messrs. Stoner last year secured from Mr. Ira Jackson a boar, litter brother to the first and second prize junior yearling sows at the Illinois State Fair. He named him Ohio Ben. He was sired by Chief Surprise, he by Chief of Ohio, litter brother to Ohio Chief, and was out of Stubb's Perfection by Longfellow. This boar has sired much good stock in this herd and bred to such noted boars as Messrs. Stoner own and have used will produce something good. The females in the sales are choicely bred and will suit the most discriminating buyer who is in search of good stock. The catalogs are ready and will be sent to all who write for one. Bids sent to Mr. D. M. Pierce, representing this paper, will be properly handled. Kindly mention this paper when writing, and plan to be present sale day.

**O. Osborn's Duroc's Sell Next Week.**

At the farm, one-half mile from Farrar, on the Newton and Northwestern, and south of Maxwell six miles, Mr. Osborn will sell thirty-five head of choicely-bred and carefully-grown Duroc sows and gilts. Among the good things which he will bring out at that time, which will be Friday, February 8th, will be Farrar Belle, a four-year-old sow sired by Carlin 14037. She has proved one of the best breeders in the herd and has the right color and conformation to make a splendid start for some new breeder or for that matter would be a valuable addition to any herd. Empress 71768 is another by this sire and is one of the best in conformation of any of the mature sows in the sale. Coming to the yearlings, of which there will be eight, we will say that they are a choice bunch and five of them are sired by Reed's Cashier 25675, a grandson of Advance. These and the sows are bred to Perfection King 41711 by Noble King 35041. Of the gilts much can be said in praise of their uniformity and evident thrift. There will be twenty-six to pick from, and representing such sires as Perf. King, Manley Orion and Long Tom. They are bred to two grandsons of Crimson Wonder and will be one of the choice bunches of gilts in spring sales. The catalog will tell more of them. Come to this sale and your presence will be greatly appreciated. The favor will be returned. Remember the sale of Mr. W. J. Hartung the day following. Send for catalog and when doing so kindly mention The Homestead.

**Edmonds, Shade & Co.'s Great Brood Sow Sale.**

The question that is now agitating the minds of every Duroc Jersey breeder is what will the great sow, Royal Blossom V., sell for? This great Iowa and Minnesota sweepstakes sow will be sold in the sale of Messrs. Edmonds, Shade & Co. at Kingsley, Iowa, on February 7th, together with an offering that is strictly high class. Royal Blossom V. is one of the greatest sows that will be sold this year, and she is bred to the splendid young boar, Masterpiece, a winner at the American Royal. This sow is sufficiently well known to Homestead readers that further comment is unnecessary. The thing now is, who will get her and what will he have to pay. Proud Maid, is a daughter of the noted boar, Proud Advance, and out of Royal Blossom V., the sow referred to above, and she is also bred to Masterpiece. She is bred right, and is right, and is one of the good sows in the sale. There will be a number of good American Royal fall sows in the sale, and many of these are bred to Masterpiece and Tokio, the latter being a son of Oom Paul. There are also some good spring gilts by American Royal in the sale, also some by John Orion and Tokio. There are three Top Pride gilts out of an American Royal dam that should attract breeders on sale day. Kruger Maid 2d is one of the richly-bred sows in the sale. She is a daughter of the great Orion and her dam is Kruger Maid by Long John, the same combination of blood lines that has produced so many of the leading show winners of later years. There is a daughter of Tolstoy in the sale and a spring gilt by Scarlet Wonder. Lady Roberts goes in, a sow bred by Messrs. Wm. Roberts & Son. She is a daughter of Owen by Duroc King, and she is bred to Masterpiece. Rose Advance is a daughter of old Advance, the sire of Advancer, Proud Advance and others, and she is also bred to Masterpiece. Lena Advance is her half sister, and is bred

# The Ames, Boone, Polk City Sale Circuit.

Four days' sales, February 11 to 14, inclusive.

## 160 Duroc Jersey Bred Sows and Gilts 160

Champions of the Breed. Show Material. Foundation Stock.

**February 11, Ames, Iowa.**

I will sell on my farm, four miles southwest of town, 35 HEAD, consisting of fourteen tried sows and yearlings and twenty-one gilts. The mature sows include some very attractive numbers. Five are sired by Iowa Thomas, a Des Moines prize winner; another is Ruth G. 2d, the dam of Ruberta, the prize-winning yearling at Des Moines, 1906. There are five of her gilts in the sale. Gilts are sired by Manly Orion, one of the good boars of the day, others by Keep On 2d, Malcolm's Model 2d. Here is a chance to secure some of the best blood with individuals of superior excellence. Send for catalog. Sale under cover.

**S. P. Freed.****February 12, Boone, Iowa.**

For my offering I have selected and am preparing 45 HEAD of my best breeding and young stock. Among the seventeen yearlings and tried sows will be daughters of Old Brilliant, Young Pilot, King West, Belle's Perf. King, Teddy R. and others. Among them will be producers of prize winners and all are reliable regular breeders. Violet Blossom, dam of champion sow at Sioux City, 1906, is included. The gilts are sired by Ohio Chief, Proud Advance and Arion's Type, also to Advance Dandelion. They are bred to several boars, among which is Nash's Model 21395 and a Crimson Wonder and Tip Top Notcher boar. Write for catalog. We welcome you to Pine Hedge Farm.

**A. P. Alsln.****February 13, Polk City, Iowa.**

On the above date I will offer for sale on my farm near town as growthy and well-bred a bunch of sows, yearlings and gilts as will be sold this spring. There will be 40 HEAD in all and will include nine yearlings and thirty-one gilts sired by Top Notcher Chief, Joe Patten, Model Chief, Keep On, Manly Orion and others. I have mated the offering to the best blood I could secure, such as Ohio Chief, Keep On 2d and a Crimson Wonder boar. Size and bone with the best breeding is my hobby. Send for my catalog.

**B. C. Martz.****February 14, Polk City, Iowa.**

Our sale will be held on the farm near that of Mr. B. C. Martz and for our offering we will have 45 HEAD which will be made up of fifteen mature sows of recognized breeding, representing the blood of Orion, Reed's Banker, Tientzin and others. They are good producers, having raised us two litters regularly each year. The fifteen head of fall yearlings are sired by Challenger II. and as many gilts sired by Orion's Rival and Model Jim. We have bred the offering to three good boars, a grandson of Billy K. and one of Malcolm's Model and Councillor 57237. We want you to have our catalog.

**Shotwell & Menefee.**

Col. F. F. Luther conducts the selling.

## Great Short-Horn Dispersion Sale.

—TO BE HELD AT—

**LOOMIS, NEB., FEBRUARY 15, 1907.**

### 24 Cows and Heifers 24

**4 Aged Bulls, 10 Yearling Bulls, Including the Great Scotch Bull, Goldie 152298**

There will be some excellent Scotch and Scotch-topped cows and helpers in this sale; also a fine bunch of young bulls. The great young bull, Prince Volomia 223588, by Orange Viceroy 164269 is also to be sold. I will offer my entire lot of breeding cows, some with calves at foot by above named bulls. The breeder and farmer will find what they are looking for here. They are the dual purpose Short-horn. Write for catalog. When writing please mention this paper. Address,

**A. H. MATTSON, - LOOMIS, NEB.**

COL. I. R. DOTY, Auctioneer.

## GRAND ABERDEEN ANGUS SALE

Kelley, Story County, Iowa.

**Friday, February 15, 1907****29**

Choicely bred cows of Heatherbloom, Barbara, Georgianna, Jeanette, Ruthven, Mina and other valuable families. Phenomenal breeders. Excellent individuals. Some with calves at foot. Bred to Blackene 72214, by Blackwood Lad.

**11**

Excellent young bulls, nine to eighteen months old. The produce of the above dams. Some are show material. Everyone a representative Angus. In splendid condition. Sire: Prince of Fairview 61796. Pure bred Horse Sale same day and place at 11 o'clock A. M.

## Rosenfeld and Siverly

KELLEY, IOWA.

Col. Igo, Auctioneer.

Send for Catalog

to American Royal, Messrs. Edmonds, Shade & Co. are offering a grand lot of Duroc Jersey sow and they are good individually and their breeding is all that can be desired. If any of our readers want good sows they won't make any mistake in attending this sale. In fact, it will do you good to go

and see them sell. Write Messrs. Edmonds, Shade & Co. for catalog and kindly mention The Homestead when doing so. If you cannot attend in person send a bid to Mr. E. Z. Russell, in care of the above firm and he will carry out your instructions to the letter.



## Kraschel's Duroc Jersey Sale.

On another page of this issue we present a good likeness of Mr. Fred Kraschel, of the firm of Messrs. Fred Kraschel & Son, of Macon, Ill., breeders of Duroc Jerseys. This gentleman has been breeding Duroc Jerseys for a number of years and has one of the best herds to be found anywhere. This herd combines the blood lines of many of the best and most profitable families. It has not been done easily, but after much work and by the exercise of good judgment, and the assistance of his sons, Melvin and Nelson, he has gathered together and bred some of as good ones as can be found anywhere, and which gives the breeder a feeling of satisfaction when he enters such stock in the show ring or invites his brother breeders to come and buy them at their own figures. Messrs. Kraschel are liberal in their bidding and quick to appreciate the efforts of a fellow breeder to become successful. The offering which they have selected for their annual brood sow sale to be held at their farm, one mile east of Macon, Ill., on Thursday, February 7th, is one of the best the writer has seen this year. Individual merit, breeding and the excellent condition of the stock make this day an unexcelled opportunity to secure good breeding stock. They have concluded to sell one of their young herd boars, Gold Standard, an April yearling, sired by the champion boar at the Illinois State Fair in 1904, Gold Cloud, and out of Prosperity Belle, one of the best producing sows in the herd. Gold Standard stood third in the yearling class at the Illinois State Fair this year in one of the strongest Duroc classes ever on that ground. He is a hog of unusual length, with very good back and loin, wide ham and stands on the best of feet and legs. A limited number of sows that go in the sale are bred to him, and a litter of fall pigs sired by him will give the breeders present a good idea of the kind of stock he produces. The breeder who is in need of a good herd boar will do well to be present sale day. We wish to call attention to some of the females in the offering. Perfection Maid 96244 by Allison Jr. Perfection by Allison Jr. and out of Owaneco Belle, one of the best sows Messrs. Kraschel ever owned, is included in the offering. She has been shown ever since she was a gilt, winning second in class and was one of the litter that won first; also one of the second-prize young herd in 1905, then in 1906 she and one of her daughters were in the second-prize aged herd well and she should go into some good herd. She is safe in pig to Mayor Jr., first prize boar Illinois State Fair, 1904, and first prize boar Illinois State Fair, 1905. Buddy T's Belle is a yearling sow of more than usual merit. She is a half sister to Buddy K. IV., the champion at 1905 Illinois State Fair. As a producer she could not be excelled, as she raises two litters a year, and just weaned a litter of fall pigs, so she will not be very fat, but will do well for her owners. As a show sow she was third-prize gilt and one of the third-prize litters; also in third-prize young herd. She is safe in pig to Mayor Jr. Jay's Model is one of the attractions of the sale. She was sired by Model Chief, sire of the first-prize boar pig at Des Moines, 1906, he by Ohio Chief, and her dam was Lady Fancy by Proprietor F. She is safe in pig to High Notcher, he by Top Notcher and out of Xenia Queen, and the sire of the noted boar, Red Express. Violet A. by Prairie Chief, he by Ohio Chief, is one of the good sows in the offering. She was bred by Messrs. T. W. Stoner & Son and topped their brood sow last year. She is bred to Mayor Jr. There are a number of other good sows, but lack of space forbids their mention. We wish, however, to make clear that this is one of the best sales of the year and that there is not a cull in the sale. The gilts are the best lot Messrs. Kraschel have ever raised and that means much to the breeder who is familiar with this good herd. Parties attending the Baxter sale can easily reach this sale with very little expense, and we urge our readers to be present sale day. Bids sent to Mr. D. M. Pierce will be properly handled. Kindly mention The Homestead

## Reubel Bros. Great Poland China Sale.

Every lover of a good Poland China sow, one that possesses plenty of size and lots of quality, should not fail to read the sale advertisement of Messrs. Reubel Bros., of Rockwell City, Iowa. They are selling sixty-five head of brood sows at their farm, on February 12th, and very few sows that will be offered in the state of Iowa are the equal of what Messrs. Reubel will put into this sale. It certainly is the best offering they have ever sold, and there are sows in this sale that are fit to go into any herd in the United States. Messrs. Reubel have sold their farm and are moving to northwestern Iowa, and not wishing to move a great many hogs, have decided to put the most of them in this sale. They are offering twenty-four old sows and fall yearlings, and the rest are spring gilts. Just look at some of the good things they are offering in this sale. Ida Tecumseh is a two-year-old daughter of Chief Tecumseh 3d, out of Queen Wilkes by Marcus Hadley. Without doubt this is one of the best living daughters of Chief Tecumseh 3d. She is a splendid individual and will weigh 600 pounds. This sow is a rare bargain at any price and any man can afford to own her at any price. She is bred to their great young boar, Moderator 42814, a boar purchased of Mr. John Blain, and he had bought him to use in the Blain herd, and besides, Mr. Blain had visited thirty herds in search of a boar before he bought this one. Cora Tecumseh is a litter sister to Ida Tecumseh, and she is wonderfully long, with high bone, and always farrows large litters. She is bred to Iowa Chief, the best son of old Thickett, that has ever been seen in the West. Both of the Tecumseh 3d sows are worth going after. Messrs. Reubel also sell a two-year-old daughter of Keep On in this sale. She is a litter sister to the pig that Mr. W. Z. Swallow won first on at the Iowa State Fair in 1904. She is bred to Iowa Chief, and anyone wanting a Keep On sow should go after her. They are selling two good Chief Perfection 2d sows. One is Twilight, the other Breakfast 2d. Twilight is an ex-

## .... Northeast Nebraska Duroc Jersey Sale Circuit....

THE GREATEST LOT OF DUROC JERSEY BROOD SOWS THAT HAVE EVER BEEN SOLD IN NEBRASKA.

205 DAUGHTERS OF LEADING WINNERS AND BRED TO THE MOST NOTED 205 Boars in the West. The following boars are represented in the Circuit of sales

GLENDALE CRITIC, JUNIOR JIM, ECHO KING, ORION, ARION, RED CHIEF I AM, GOLD DUST JIM, ROYAL TOP NOTCHER AND BELLE'S MODEL, A SON OF NEBRASKA BELLE AND SURE WINNER.

MONDAY, FEB. 4TH.

AUSTIN RENSHAW, BLAIR, NEB.

Four yearlings, one by Alex Advance, litter brother to Alix II, four by Golden Perfection, one by Cole's Duroc, others by Glendale Jim, out of Lady Alix, the \$425 sow, and twenty-five choice gilts by Junior Jim, the \$5,000 boar. These are bred to the great prize-winning boar Arion, Long Alix and Redwood Chief, a son of Ohio Chief. One of the best gilts that will be sold is sired by Long Alix, and she is a good one. Write me at once for catalog. Cols. Callahan & Luther, Aucts.

40 HEAD

TUESDAY, FEB. 5TH.

MANLEY &amp; CO., LYONS, NEB.

We will sell ten Orion sows, ten Junior Jim gilts, nine young John sows, several by Proud Advance, Belle's King, Arion and other noted sires. We will also sell our entire show herd, 1906. These sows are mostly bred to the \$5,000 boar, Junior Jim and Advance Lad, a full brother to Proud Advance. Write at once for catalog. Colonel Luther, Auctioneer.

40 HEAD

WEDNESDAY, FEBRUARY 6TH.

E. Z. RUSSELL,

BLAIR, NEBRASKA.

I am offering for sale twenty-six yearlings and aged sows, balance spring gilts. I am also selling a litter sister to Critic's Echo and she is hard to beat; is bred to Crimson Choice, a grandson of Crimson Wonder. There will be a splendid lot of Malcolm's Model sows in my sale. Some choice gilts in my sale are sired by Glendale Critic and Gold Dust Jim 2d. Write at once for my catalog. Cols. Luther and Callahan, auctioneers.

40 HEAD

THURSDAY, FEB. 7TH.

SMITH BROWN, WATERLOO, NEB.

I will sell twenty choice gilts and twenty fall yearlings and aged sows. These will be sired by Crimson Wonder 2d, Glendale Critic, Echo King and the great Orion. Seven of these gilts are granddaughters of the noted sow, Nebraska Belle, and are bred to a son of Gold Dust Jim. I am selling my great sow, Gold Dust Queen, bred to Belle's Model, and she is a show sow for next year. I also sell a daughter of Nebraska Belle. Write at once for catalog. Col. T. C. Callahan, Auct.

40 HEAD

Friday, February 8th.

Arch Brown &amp; Sons, Waterloo, Neb.

Just look at our list: Twelve head by Echo King, twenty head by Royal Top Notcher, three by Sure Winner, four by Red Knight, two by the \$5,000 boar, Junior Jim, two by Red Chief I Am, one by Alex Advance, a full brother to the great sow Alix, and we are going to sell our great brood sow, Beatrice Queen, a daughter of Duroc Challenger, and she will be bred to Kan't Be Beat. Others will be bred to Echo King, Sure Winner and ward Duroc, our three herd boars. Write us for catalog. Col. T. C. Callahan, Auct.

45 Head

Everyone interested in Durocs should send for a catalog of these great sales, and mention The Homestead when writing. Bids sent to M. T. White, Homestead representative, in care of any of the above will be properly attended to.

tremely fancy sow, with a good hack, feet and legs, and is bred to R's Keep On, a son of the great Keep On, and one of the best breeders ever used in the Reubel herd. Breakfast 2d is another valuable daughter of old Chief Perfection 2d, a little straight in the ear, but otherwise an excellent sow, and she is also bred to R's Keep On. Mischief Model is a three-year-old and a daughter of the great Mischief Maker. She is a half sister to the World's Fair boar, Meddler, and she is bred to R's Keep On. She is a low-down, fancy in head and ear and a wide, hulging ham. These gentlemen also sell War's Darkness, a sow purchased of Mr. Ed Ware. She is sired by Perfect Darkness out of old Darkness, one of the greatest sows of the breed. She is bred to Iowa Chief for early farrow. They also sell a good daughter of Pilate's Chief, Proud Perfection Jr., Country Gentleman and other well-known boars. The gilts are largely sired by R's Keep On, Iowa Chief, Robert J., a son of Prince Alert; Perfection E. L., Iowa Sunshine and a few litters are sired by other boars. It is a decidedly good offering of Poland China sows and represents the labor of years in arriving at the high standard now maintained in the Reubel herd. Write them at once for catalog and mention The Homestead.

## Isaac's Big Duroc Sow Sale.

On Friday, February 8th, Mr. T. H. Isaac will make his annual Duroc Jersey brood sow sale at Red Oak, Iowa, and we predict a good one because he always puts up a good offering. No breeder in Iowa raises a more practical Duroc Jersey sow than does Mr. Isaac. He is a man with an ideal, and he sticks to it, thereby winning out. He believes in a good, lengthy, high-boned sow and has that kind to offer. While believing in a good pedigree, he also wants the hog to accompany it. His fall boar sale was one of the best of the year, which shows what the people think of his kind of hogs. Sixty head of boars at an average of about \$30 is not bad, and he got the money. The hog is the big proposition in the mind of Mr. Isaac, and the class of sows that go into this sale are especially good and are bred along the most popular blood lines. First in service is the fine boar, Belle's Red Chief, by the noted Red Chief I Am. Another good one is Educator, by Indicator, of prize-winning fame; Royal Knight is yet another, sired by the Nebraska champion, Red Knight. He is also using a fine young Ohio Chief boar. The sows and gilts are all bred to these boars, and they should prove one of the most useful lots to go under the hammer. They are the get of such sires as Robert H., by Pilot J. (a hog that has made a fine reputation as a sire in the Isaac herd); Hardy's Improver, by Improver 2d; Brighton Wonder, by Tolstoi (owned by R. J. Harding); Belle's Red Chief; Educator; Royal Grand, and Red Rustler. It is, in short, a splendid offering of high, well-developed sows and gilts that are tried in the best Duroc lines of the present day. They are to be presented in ideal business condition, and should prove a most satisfactory investment for buyers who want the right thing in red hogs. Mr. Isaac has arranged to hold the sale at Stover's feed yard in Red Oak, where all are made comfortable, with every convenience for inspecting the offering. Write for his catalog and be ready for sale day, and kindly mention The Homestead when doing so.

## Last Call for the Dispersion of the O. L. Kerr Herd of O. I. C. Hogs.

On next Wednesday and Thursday, February 6th and 7th, at Independence, Mo., under the direction of Mr. Llewellyn Jones, administrator of the estate of the late O. L. Kerr, of Independence, Mo., the herd of O. I. C. hogs that have attracted the attention of the breeding fraternity of America will be dispersed. Never before in the history of the breed has such a lot been exposed to sale either at private or public treaty. The great line of herd boars, Kerr Dick, Kerr Rex, Kerr Dexter and Kerr Paul, are boars that should not be overlooked by breeders, as

## KIRKPATRICK-WILSON

## COMBINATION SALE

To be Held at the Kirkpatrick Farm  
Lincoln, Neb., February 13, 1907

35 HEAD OF TOPS FROM TWO GOOD 35 HERDS

Three fall yearlings and one aged sow by the great Crimson Wonder, one spring yearling by Crimson Wonder bred to Kan't Be Beat. Ten sows in this sale bred to Lincoln Wonder, one of the best sons of Ohio Chief. The blood of many of the most noted sires prominent in this sale. Come and look them over and be our guest while in Lincoln. Catalog now ready. Address.

Callahan, Auctioneer W. A. KIRKPATRICK, Lincoln, Neb.  
A. A. WILSON, Bethany, Neb.

REMEMBER THIS DATE AND PLACE

TUESDAY, FEBRUARY 19, '07

MAXWELL, IOWA.

We Will Sell in Sale Barn

11 Fried Sows and Yearlings, sired by Regardless 93337, D. G. Tec. 54457, D. G. Chief 71603, Chief Perfect 68297, Johnson's Chief 62243. All valuable producers of vigorous litters. First-class individuals. Produce among the gilts. Bred to Perf. H. 10647 and Dude Pedrick.

30 March Gilts, representing rich lines of Perfection breeding. Great high growthy gilts, with quality and bone of the best. Bred to Keep On Again 116719, Dude Pedrick and Perfection H.

Valuable Producers. Show Material. Unexcelled Foundation Stock. Send for Catalog.

J. E. Hull

J. O. Thompson

Bids sent in care of above will be properly handled by Col. H. S. Duncan, Auctioneer, or L. E. Troeger, Homestead representative.

they are the kind that any breeder can use. There will also be sons and daughters of these great hogs in the sale. In all there will be upwards of 180 head to be sold. Fifty-five or sixty are bred sows, twenty-five or thirty of these being bred to the great Kerr Dick. Those sows which Mr. Kerr had always refused to price must now be sold to the highest bidder. Big Mary, the sow which every breeder mentions if he has a son, a grandson or a descendant in his herd. Silver, the greatest brood sow of them all; Nancy, and the almost perfect sow, Sally, that was the undefeated champion in 1906, all go and at your price. There is much material throughout the herd that is classed as absolute top stuff of the breed. As this is an administrator's sale everything must go, no matter what the price, and it will pay breeders to be on hand. Colonels Sparks and Zaun will do the selling and bids may be sent to them or to Mr. C. J. Hiles, secretary of the O. I. C. Association, care Mr. Llewellyn Jones, administrator of Independence, Mo.

## SPECIAL BARGAIN SALE.

10 Two-year-old Short-Horn Heifers

Bred to an imported Cruickshank bull; also some extra fine young bulls, large boned and growthy, sired by an imported Cruickshank bull.

Also a few tried Duroc Jersey brood sows and a choice lot of gilts—the blood of Billy K. 20313, St. Paul, Manly Orion 3709, Cantine Boy 16319, King Perfection, Brilliant and Model Chief 11159 (A.). Prices from \$20 to \$50.

Wanted a good, fine stockman to buy a part interest and take management of farm. A good chance for a hustler. Reasonable terms.

J. E. GUERNSEY, Keosauqua, Iowa

When writing to advertisers please mention this paper.

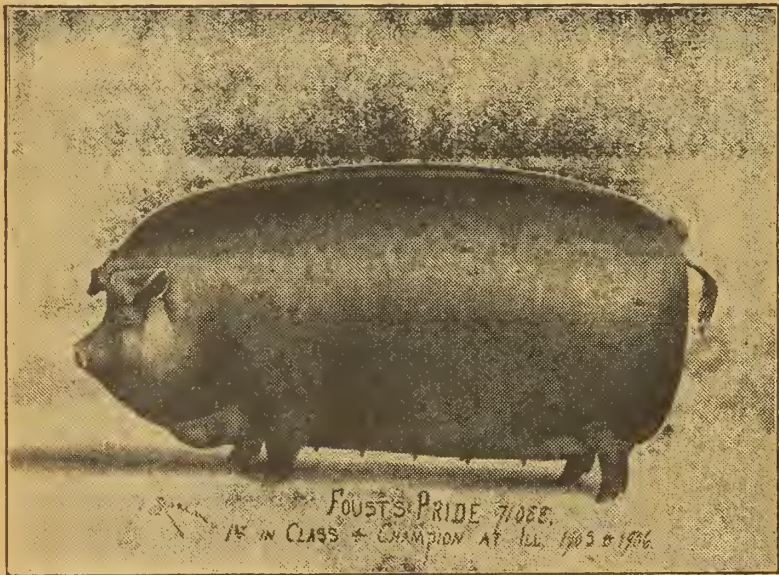


**Watt & Foust and Mahan Bros.' Duroc Sale.**

There are men who from year to year breed stock that goes out to the fairs and wins, and when sold does equally well for the new owners. To this class belong Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, and Messrs. Mahan Bros., of Osbourne, Ohio. These two firms have selected the tops of their herds for the combination sale at Dayton, Ohio, February 12th, at the fair grounds. The writer, representing this paper, has carefully inspected the offerings and is pleased to recommend it to readers of this paper. From the herds of Messrs. Watt & Foust come such noted boars as Tip Top Notcher, Kan't Be Beat, Top Notcher 10th and others of equal note. They breed this kind and have in their herd at the present time the dams of these noted boars. Many of the females consigned to this sale will be from sows which have produced the winners at the great state fairs of the East and West and the World's Fair. Daughters of Kan't Be Beat, Top Notcher, King to Be (the sire of the noted show and breeding boar, King's Pal, that now stands at the head of Mr. Thomas Johnson's good herd at Columbus, Ohio), Golden Rule, Veribest and other noted sires are bred to boars that have been noted winners. This is a sale of strictly top stock. There are no culls listed. These gentlemen realize that the western breeder is pleased to pay good prices for good stock and we are sure that no one will be disappointed in the offering. We wish to call the attention of our readers to some of the boars which are either the sires of, or to which many of the females are bred. Golden Rule is a son of Choice Goods, he by Chief of Ohio, a litter brother to Ohio Chief, and his dam is Mayflower, one of the greatest breeding sows in Ohio, a granddaughter of Longfellow. Many of the gilts in Messrs. Watt & Foust's consignment are sired by Golden Rule, while others are safe in pig to him. King's Victor is one of the good herd boars used by Messrs. Mahan Bros. He is a son of the famous sire, King to Be,

**Ira Jackson's Duroc Sale.**

Western breeders in need of good breeding stock of prize-winning merit and ancestry cannot afford to be absent on February 13th, the date on which Mr. Ira Jackson, of Tippecanoe City, Ohio, will offer for sale at public auction fifty head of richly-bred sows. Mr. Jackson has been one of the most successful breeders the Duroc fraternity has known in recent years. At the World's Fair in St. Louis, 1904, Mr. Jackson won more first-prize ribbons than any other breeder. He did equally as well this past season at the Iowa and Illinois State Fairs. Boars of his breeding are at the head of some of the very best herds. Messrs. Sonneland and Voge, of Harlan and Portsmouth, Iowa, are using Kruger Lad, the first-prize under year boar at the Iowa State Fair, at the head of their herd. Mr. John W. Jones, of Concordia, Kan., is using Shorty Orion, another prize-winning boar, at the head of his herd, and Mr. Geo. W. Seckman has one of the prize-winning sons of Orion Chief in use in his herd. The breeders who are using the boars from this herd find that they are good producers. The blood lines to be found in the offering which will be sold on February 13th cannot be excelled. They represent the families which have made the breed famous both in the show ring and in the sale ring. On Thursday of the past week Lady Kruger, a daughter of the World's Fair winner, Kruger, and litter mate to Kruger Lad, the boar owned by Messrs. Sonneland and Voge, sold for \$500 at public auction. The best breeders present at the Reil & Cooper sale were bidding on this sow, realizing that she would produce good litters for them of show-yard merit, and go back into the show ring this fall and repeat the winnings of 1906. Twenty yearling sows, among the number a full sister to Lady Kruger, and others of equal merit, have been selected for this occasion by Mr. Jackson. Daughters of Orion Chief have been bred to Kruger and daughters of Kruger have been bred to Orion Chief. This lot of yearling sows contains many show-yard prospects, and breeders may obtain



We present to our readers this week a very good likeness of the champion Duroc Jersey sow at the Illinois State Fair, 1905-6, Foust's Pride. This sow is safe in pig to the service of Tip Top Notcher, and is included in the sale of Messrs. Fagan, Browning & McCabe, at Hersman, Ill., on Tuesday, February 5th. See field notes.

which is also the sire of King's Pal, the \$2,000 boar at the head of the good herd owned by Mr. Thos. Johnson, of Columbus, Ohio. Messrs. Mahan Bros. believe that in this boar they have one of the great boars found in the offering, while others are safe in pig to him. The writer was especially attracted by the yearling boar, Dread Naught. He is a son of Kan't Be Beat and his dam is Rubertha, a sow which has produced many of the breed, as he has already won numerous winners and is producing winning stock for them. Several of his get are to be winners for Messrs. Watt & Foust. This boar won second at Ohio, first at New York, first at Kentucky and headed the young herds that won first and he was a favorite with the breeders wherever shown. Rubertha, his dam, was one of the best daughters of Top Notcher, and if this hog is carried along in proper shape Messrs. Watt & Foust will have a boar worthy to follow the noted Kan't Be Beat. Grand Success, owned by Messrs. Mahan Bros., is another of the good boars which are represented in this auction. He is good enough individually to meet the requirements of this firm, and was bought to cross on the King to Be sows, several of which have been cataloged. Wilda's Corrector is one of the last sons of Corrector. His dam was Wilda, the top sow in the J. D. Nidlinger sale of 1905, selling for \$385 to Mr. Thos. Johnson, from whom Messrs. Watt & Foust secured him. A limited number of gilts are bred to him. W. & F.'s Col. is a son of C. E.'s Col. and out of Dew Drop Maid, one of the best producing sows to be found anywhere. He has been bred to some of the females which go into the sale. Corrector's Hero by old Corrector is a boar of much promise and could easily be made to weigh \$1,000 pounds. Several of the top sows of the auction are bred to him, including daughters of Kan't Be Beat. We have briefly mentioned these herd boars and will, in our next issue, give full particulars regarding the females which go into the offering. We wish, however, to urge upon Duroc breeders of the West the fact that this offering is one which any breeder will find profitable. The best of three herds have produced is to be sold, and no one should miss being present or represented at this time. Bids sent to Mr. D. M. Pierce, representing this paper, care the Phillips House, Dayton, Ohio, will be properly handled. Write for catalog at once as per the advertisement on page 47 of this issue, kindly mentioning this paper.

them at their own figures. Thirty spring gilts have been listed, representing the get of such noted sires as Kruger and Orion Chief, Ohio Chief, High Chief (a son of Ohio Chief), Kan't Be Beat and other leading prize winners. There is not a cull in the lot and the offering will be in good breeding condition. If the readers of this paper wish to add individuals of prize-winning ancestry, in fact bred the same way that the winners have been at the World's Fair, Iowa and Illinois State Fairs, no other opportunity can be given better than this one. Plant the good seed in your herd and reap the harvest of ribbons at the fall shows. Mr. Jackson's sale follows that of Messrs. Watt & Foust, at Dayton, and can easily be reached by traction, being only ten miles from Dayton. Write for catalogs at once and watch these columns for further particulars next week. Write for catalog at once, kindly mentioning this paper as per the announcement on page 47 of this issue. Bids sent to Mr. D. M. Pierce in care of Mr. Jackson will be properly handled.

**Harris & Son's Noted Duroc Sale.**

We wish to call the attention of our readers to the forthcoming Duroc Jersey sale of Messrs. Amos W. Harris & Son, of Waverly, Ky., which will be held at Louisville, Ky., on February 22, 1907. This gives the breeders better railroad accommodations and shipping from Louisville will be at less cost than from Waverly. The writer has carefully inspected this offering and is more than pleased to recommend it to our readers. At the head of this noted herd stands the champion boar, Commodore, first and champion at the Illinois, Kentucky and Tennessee State Fairs in 1906, and pronounced by many of the best breeders to be the greatest Duroc boar they have seen in years. He traces three times to Lucy Wonder, the champion sow at the Chicago World's Fair, twice to Hero, the champion boar at the same show, and combines the blood lines that have made the breed famous. His sons are used in the herds of such noted breeders as Messrs. Geo. W. Seckman, of Ripley, Ill.; J. Coy Roach, of Girard, Ill., and others. Many of his get are to be found in this offering, while others are bred to him. Sows sired by Orion, Junior Jim, Top Notcher, Ed's Col., Sure Winner, Sensation, Kan't Be Beat, Kentucky Colonel II., Top Notcher 10th, are bred to the noted

**Great Kant-Be-Beat Sale**

**I-2 Interest in the Sensational King of Prize Getters, Kant-Be-Beat 10239a and 41 tried sows, yearlings and gilts at Public Auction**

**FEBRUARY 12th 1907**

We give you the data regarding Kan't Be Beat, you judge for yourselves. Kan't Be Beat won 57 firsts and sweepstakes out of 58 showings.

The get of Kan't Be Beat have won 81 firsts, Champion, Grand Champion and sweepstakes prizes.

The combined prizes of Firsts, Champion, Grand Champion and Sweepstakes of sire and get reach the unparalleled number of 138.

**KANT-BE-BEAT'S LIST OF CHAMPIONS**

Champion and Grand Champion sow, Illinois, 1906.  
Champion and Grand Champion sow, Ohio, 1906.  
Champion and Grand Champion sow, Kentucky, 1906.  
Champion and Grand Champion sow, New York, 1906.  
Champion and Grand Champion sow, Illinois, 1905.

Get won two loving cups at Ohio and Indiana, each valued at \$100., 1905.

Sweepstakes litter over all breeds, Oakley Park, 1903.

Champion boar, Oakley Park, 1903.

Champion sow, Oakley Park, 1903.

Champion boar, Xenia, Ohio, 1903.

Champion sow, Xenia, Ohio, 1903.

Champion boar, Washington, C. H. O., 1903.

Champion sow, Washington, C. H. O., 1903.

One sow with 17 firsts and sweepstakes all taken at state fairs.

Mated to this unparalleled sire of prize winners, we offer 41 sows, 12 gilts sired by Ohio Chief, out of prize winning dams.

We have also put in the prize winners, Village Pride, Sheza Good-un, Sutton Lady, Crimson Lass of Cherokee and several other producing dams. Send for catalog.

**Col. T. C. Callahan, Auctioneer.**

**John M. Morrison & Sons**  
College View, Nebraska

"Headquarters for out of town breeders, Hotel Royal 1516-22  
O St., Lincoln, Neb. One of the best Hotels in the West."

**Hamilton & Son's Annual Poland China Sale**

**GUIDE ROCK, NEB., FEB. 16, 1907.**

**43 Head of Big, Roomy Sows 43**

These sows represent the blood of many noted prize winners, including Mogul Corrector, Go On, Hadley Jr. and many other noted sires. The best lot we have ever had to offer. They are bred to such boars as Mogul, the Nebraska champion; Major B. and I Am Allerton, one of the most promising yearlings in service today. Write for catalog. If you cannot attend send a bid to Ray Page, of this paper. We are also selling seven head of good Scotch-topped Short-horns.

**J. H. HAMILTON & SON,**

**GUIDE ROCK, NEB.**

Cols. John Brennan, G. B. Denny, J. H. Ellinger, Auctioneers.

**THE CLOVERDALE STOCK FARM****DUROC JERSEY SALE**

**At Gray, Audubon County, Iowa,  
FEBRUARY 15, 1907.**

**40  
HEAD**

**Sows Bred to Cloverdale King 44073 by Corn  
Cracker 14205 and to Grimson Wonder Choice,  
a Splendid Grandson of Crimson Wonder 26355**

**40  
HEAD**

AMONG the twenty head of yearlings and two-year-olds will be many sired by Orion's Ideal 44314, others by Young Advance 44315 and Top Notcher King 28578. These are bred to the splendid herd boar, Cloverdale King. The younger sows are sired by the same boar and bred to Crimson Wonder Choice. Our stock is selected from large litters and we are here offering some of our best. Sale is at farm 4½ miles south of Gray. We extend a hearty welcome to our brother breeders to attend the sale and accept of our entertainment. Send for catalog. Address,

**G. C. EVERTS & SON,**

**AUDUBON, IOWA**

**Two Good Duroc Jersey Sales To Be Held At**

**FAIRVIEW, KAN., FEBRUARY 13, 1907.**

**40 HEAD 40**

**SABETHA, KAN., FEBRUARY 14, 1907.**

**40 HEAD 40**

Sows with size, quality and bone, bred to noted prize-winning boars. Catalogs now ready explaining breeding of each and every animal in the sale. Write for one and arrange to attend these sales.

**J. B. DAVIS.**

**GEO. KERR.**

Commodore. Several are bred to Kentucky Colonel II. and Top Notcher 10th, an unusually good boar; in fact, one of the best sons of old Top Notcher, and a few to Ed's Col. This array of breeding coupled with the individual merit to be found in the offering make it one of the best and strongest

of the year. The catalogs are now ready and will be sent free to all who write. Those who cannot be present sale day may send bids to Mr. D. M. Pierce, representing this paper, in care of Messrs. Harris, and same will be honorably treated. Kindly mention this paper when writing.



# PRIZE WINNING DUROC JERSEYS AT AUCTION

**In Heated Pavilion at Remington, Ind.,  
ON MONDAY, FEBRUARY 11, 1907.**

**FORTY HEAD--THE PROPERTY OF MR. JOHN A. TETER, OF REMINGTON, INDIANA.**

In 1906 herd was shown at Michigan, Indiana and Illinois State Fairs and won 29 prizes, including two grand championships, three championships, ten firsts, nine seconds and six thirds. Many of these prize winners are included in the offering. Special Attraction--Clover Blossom 1st 39900 (A.) by Crimson Top 12501, dam Clover Blossom 28828 by Kan't Be Beat, champion and grand champion sow Michigan State Fair, Detroit, 1906; second at Indiana State Fair and third Illinois State Fair, 1906, goes into sale bred to Golden Chief. No better sow of her age will go through the auction ring this winter. Four other state fair prize winners included in the offering. This sale can easily be made on the way to the noted Ohio circuit without any additional expense. Write for catalogs, mentioning The Homestead.

**COLS. KEIL, HARMON & KENYON, AUCTIONEERS.**

**J. A. TETER, REMINGTON, IND.**

Send bids to Mr. D. M. Pierce, representing the Homestead, in care of Mr. Teter, and they will be properly handled.



Third prize boar Indiana State Fair, 1906, also sire of 1st prize male pig, 1st prize sow pig, 1st prize young herd, 1st prize get of boar, 2 fr. on herd bred by Exhibitor.

## GREATEST BROOD SOW SALE OF THE YEAR. ROYAL PURPLE SALE OF SIXTY DUROC SOWS TO BE HELD AT LOUISVILLE, KENTUCKY, FEB. 22, 1907 BY AMOS W. HARRIS & SONS, WAVERLY, KENTUCKY.

**60 Sows of Sensational Type and Breeding bred to Sensational Boars. 60**

Sows by Orion, Junior Jim, Top Notcher, Ed's Col., Sure Winner, Sensation, Kan't Be Beat, Commodore, Kentucky Col. II, Top N tcher 10th, bred to such noted boars as Commodore, First and Sweepstakes boar at Illinois, Kentucky and Tennessee State Fairs and pronounced the greatest boar of the breed by everyone; Top Notcher 10th, the great breeder, Ed's Col. and other noted boars. Send for catalog and try to attend.

Send bids to D. M. Pierce, representing this paper. For catalogs, Address,

**AMOS W. HARRIS & SONS, WAVERLY, KENTUCKY.** COL. H. L. IGLEHART, Uniontown, Ky., Auctioneers.  
COL. TOM VINNEDGE, Hope, Ind.

**FRIDAY, FEBRUARY 22, 1907,**

**AT  
PARNELL, MISSOURI.**

**35 HEAD. A FEW ARE OUR BEST TRIED SOWS. BAL-  
ANCE FALL AND SPRING GILTS.**

W. L. A.'s CHOICE GOODS, our great breeding boar got by La-follette and out of S. E.'s Model by Ohio Chief has been used on a goodly number. He was assisted by King of Mo., he by King of Kings. Among the attractions are daughters of W. L. A.'s Choice Goods, Proud Advance, Tom Watson, Addy's Ohio Chief, Harding's Proud Advance and other great boars. Sale in town. Write for catalog.

**LUTHER AND OTHERS, AUCTS. ADDY & SON, PARNELL, MISSOURI.**

**ADDY &  
MURPHY'S**

**GREAT  
DUROC BRED  
SOW SALES.**

**SATURDAY, FEBRUARY 23, 1907,**

**AT  
SAVANNAH, MISSOURI.**

**40 HEAD. ELEVEN YEARLING SOWS, TWENTY-NINE  
SPRING GILTS.**

OHIO CHIEF AGAIN, that great son of Ohio Chief and out of Savannah Belle, has been used on a goodly number. OHIO BELLE has litter sister bred to Crimson Wonder I Am, the 1906 champion at Iowa State Fair, should prove a great attraction. See the Proud Advance gilts bred to Ohio Chief Again; others by Perfection Chief, Radiant, Tip Top Notcher, Hanley and Sir Thomas are good. I Am Crimson Wonder has been used on some. Sale at farm in city limits. Write for catalog.

**LUTHER & MCGOWAN, AUCTS. S. R. MURPHY, SAVANNAH, MISSOURI.**

Attention is called to the sales of A. E. Poush, Chariton, Iowa, February 18th; Sheldon Bros., Shannon City, Iowa, February 19th; White & Dewey, Shannon City, Iowa, February 20th; A. L. & U. G. Lynch, Mt. Ayr, Iowa, February 21st.

### S. R. Murphy's Sale of Duroc Bred Sows.

On Saturday, February 23d, at his farm joining the city limits of Savannah, Mo., Mr. S. R. Murphy will sell forty head of bred sows and gilts. Mr. Murphy is best known as the man who paid \$730 for Savannah Belle, that daughter of the great Nebraska Belle, bred to Ohio Chief. While the price may have seemed long, Mr. Murphy has proven that the price is hardly a consideration if the animal in question is bred right and has the ability to produce. Many do not note the recollection of Mr. Murphy back further than this, as a breeder, but it was Mr. Murphy who bred the great Missouri Girl from which Mr. J. O. Hunt has produced so much of his show and sale stuff. He has not been as prominent as many, but has nevertheless been doing business, as will be seen by those who spend the day with him on February 23d. That grand little brood sow, Savannah Belle, has furnished four herd boars, viz.: The second choice boar pig went to Messrs. Maupin & Applegate, of Shelbina, Mo., at \$300; the third choice went to Mr. A. E. Poush, of Chariton, Iowa, at \$250, and the fourth choice went to Mr. J. Coy Roach, of Girard, Ill., at \$300. The first choice, Ohio Chief Again, remains in Mr. Murphy's herd as leading herd boar. One gilt also remains and is to sell in Mr. Murphy's sale. She is safe in pig to Crimson Wonder I Am, first prize and sweepstakes boar at Iowa State Fair in 1906, for April 1st farrow. This litter will carry as much of the blood of great winners and high-selling Durocs as has ever been found in a litter. Savannah Belle, the dam of this litter, was by Red Chief I Am, he by Protection. Her dam, Nebraska Belle, that great championship winner and brood sow, was by Higgins' Model. The litter was by Ohio Chief, which makes them line-bred Protection hogs. They all have the desired conformation, strong bone and it has been a task for anyone to select the pig that will be the absolute top at two years of age. Ohio Chief Again, the boar Mr. Murphy reserved and to which so many of the sows are bred, is a strong-constituted pig, with a strong back, a well-sprung rib, hams that are well jointed perfect and a set of feet and legs that are extremely good. His fine, wide head indicates a breeder, and sows bred to him should be in demand. He is assisted in the herd by I Am Crimson Wonder, a son of Crimson Wonder I Am and a half-brother to Crimson Wonder Again, sweepstakes boar at Iowa State Fair in 1906. Several gilts in the sale are bred to Belle's Chief I Am, the pig that went to Mr. Roach, of Girard, Ill. Mr. Murphy will also sell four Proud Advance gilts bred to Ohio Chief

Again. Stick a pin here, breeders; we will have something to say of them next week. There will also be daughters of Radiant in the sale that should please the critical buyer, also several others of which we shall have more to say. Mr. Murphy also sells eleven yearling sows, among which are some grand-daughters of Kansas Wonder, that great breeding boar to which so many Kansas breeders look for brood sows. Mr. Murphy's sale is the last of the southwestern Iowa and northern Missouri sale circuit. See page 35 for his advertisement and write today for a catalog. Kindly mention this paper when so doing.

### Annual Horse Sale at Wichita, Kan.

Messrs. Robert Burgess & Son, of Wenona, Ill., write: "We take pleasure in announcing to the public that hereafter we shall hold an annual sale at Wichita, Kan., our first being held there on the 22d day of February, which sale will consist of the grandest lot of good young stallions ever placed at auction of the following breeds: Percheron, Belgian, Shire and Hackney stallions. Our aim in this sale is to surprise the public with horses of good color, size, bone and of such quality as is rarely if ever seen at a stud, and we further wish to inform the public through the columns of your valuable paper of the magnitude of our business of this last year, as we have now sold more horses at our stables this fall and winter up to the present time than we have done in three years previous. Selling at the barns without a doubt is not only the proper way, but is the most satisfactory to both the seller and the buyer, as it gives both the opportunity to become personally acquainted with each other and eliminating all the ifs and ands which are always placed in every deal by the salesman. As we have sold over fifty head since the International Exposition and our horses which have the great weight and size are very fit and have done remarkably well. We now have close to 100 head of black and black-gray Percherons, some coming three-year-olds that will weigh over a ton, with more bone and lower to the ground than any of any importation we ever made. Some coming four-year-olds and five-year-olds that are in the best of condition and are the wide-as-a-wagon sort. All we ask is for anyone wishing a stallion to come and see our horses at the different stables where we have over 300 head to select from, as we know that we can please them as to individual merit. We are now going to offer fifty head of the very best to the public at auction at Wichita, and as we have established a stable at the above place, we intend holding an annual sale there to give the

breeders of Kansas and the great Southwest an opportunity to improve their stock at their own price. All horses will be sold with our guarantee of 60 per cent and giving the purchasers a credit of one year and six months, which gives the purchasers of all horses an opportunity to make two seasons and one collection before payment is due, thus allowing the investment to be self-paying. The greater majority of the fifty head to be sold at this sale will weigh over a ton and the fact that we won every first and second prize in every stallion class at the great Kansas State Fair is proof to the public of the quality of the stallions that will be sold at this sale. We will also have on exhibition at this sale the exhibit of stallions which we purchased from His Majesty King Edward VII. of England and Lord Rothschild at the great International Exposition at Chicago. Prem Victor and Girton Charmer, the two aged stallions of this exhibit, are worth going thousands of miles to see, as they are the highest-priced draft stallions ever imported to this country. This sale will not interfere with our regular barn trade whatever, as we have over 250 head to select from at our different barns for our spring trade, not including our new importation which will arrive soon, consisting of Percheron, Belgian and Shire stallions. Sale starts sharply at 8:30 a. m." See advertisement on page 45.

### Last Call for the Aldritt Sale.

We wish to call the attention for the last time to the sale of Duroc Jersey bred sows to be sold at Friend, Neb., on February 5th, by Mr. Frank Aldritt. A representative of this paper after carefully inspecting the offering pronounced it one of the very best offerings of bred sows to be sold this winter. Buyers who attend this sale will not be disappointed when they see the sows he is offering. There will be about forty-five head in the sale, of which about half are yearlings and aged sows and the balance spring gilts. The yearling and aged sows are especially attractive, as some of these have been and others will be good show sows. Mr. Aldritt is offering as a special attraction the great show sow, Glendale Maid by Glendale Critic, second-prize sow at the Nebraska State Fair last fall. This great sow won first at Nebraska and Iowa State Fairs and as a brood sow has proven one of the best of the breed. She is bred for early farrow and we can recommend her to anyone wishing a brood sow of show-yard type that has proven a good breeder. Another of the good sows is Banker Maid by Reed's Banker out of Pansy Maid. This is one of his best brood sows and is safe in pig to Royal Prince. Improver II,

Bell by Improver II, dam Enterprise Queen by Higgins' Model, will be sold, and is safe in pig to Adams' Express, a full brother to Crimson Wonder. Crimson Bessie by Crimson Wonder is another attractive sow and is safe in pig to a son of Ohio Chief. The gilts to be sold are of the very best blood and are a very even, smooth bunch. His herd boars are good individuals and are producing some extra good stuff. Write for catalog explaining the breeding of every animal to be sold and then arrange to attend this sale. Mr. Weber sells the day before and you can attend both sales at practically one expense. Col. T. C. Callahan will do the selling and mail bids sent to him or to Mr. Ray Page, of this paper, will be properly handled. Mention this paper when writing.

### Last Call for W. J. Hartung's Sale.

Those who have not yet received a catalog of this grand red hog sale should by all means secure one at the first opportunity, as it is replete with good bargains and contains some very good reading for those looking for some real good toppy Duroc sows and gilts. Maxwell, Iowa, is the chosen place and the date is Saturday, February 9th. Col. F. F. Luther will conduct the sale and among the many good animals that will be brought out for the delectation of the crowd will be Zula Queen 49966, a granddaughter of old Orion himself, and out of a Bracelet dam. She was bred December 18th to Malcolm's Model II. and with this kind of a sire her litter should prove a valuable one. It might be well to say that vigor and prolificacy are two points that are prominent in the offering and the health of this herd has always been the very best. Miss Dale, second in the catalog, has for sire the noted Billy K., and is bred the same as the former sow. In fact, a good part of the offering is noted to Malcolm's Model II., a hog bred by Mr. E. Z. Russell, of Nebraska. A sow bred to M. Model should make a most profitable investment, as he is not only a particularly strong and impressive sire, but is a son of the noted Top Notcher. There will be more sows just as good and of the kind of breeding that everyone wants. If this part of the offering does not bring out a choice for you, the young part should, as they are a select bunch, well grown, in nice condition and bred to such splendid boars as Teddy Orion 51695, a son of Manley Orion, and Tom Wonder 51699, a son of the champion Crimson Wonder Again. Take a day off for this sale, neighbor and breeder, and pick out a good red hog for your future success and prosperity. Catalogs are ready. Kindly mention The Homestead when writing Mr. Hartung.



**Hamilton & Son's Polands.**

We wish to call particular attention of our readers to the sale of Poland China bred sows to be held at Guide Rock, Neb., February 16, 1907. This great herd has been established for years and during that period have bred and shown some of the most noted prize winners of the breed. The three herd boars now doing service in this herd need no introduction to Poland China breeders. Mogul, the first and sweepstakes boar at the Nebraska State Fair two years ago, will have several daughters in this sale. Mogul is a son of Grand Chief. His dam was Mat, a litter sister to Corrector and by L's Perfection. This great hog is not only a show hog, but is a sire of many prize winners, and you will see a fine bunch of his get in this coming sale. Most of the Mogul gilts are bred to I Am Allerton, a yearling by I Am Sunshine, and having for their dam Miss Allerton, a litter sister to Blain's Tecumseh and sired by Allerton Tec. This hog is not only richly bred, but is one of the most promising young boars we have seen this year. He is extra large for his age, stands on good feet, has a great, broad back well arched, well-sprung ribs and a good head and ear. When you see this hog you will surely want a sow bred to him. He was purchased by Messrs. Hamilton & Son at the W. T. Garrett & Son sale at Maryville, Mo., and was the top boar in this sale. The litter sold in same sale for \$742.50 and their dam sold at \$150 at six years of age. We will have more to say as to the females individually in our next issue. At this sale Messrs. Hamilton & Son will sell seven head of richly-bred Scotch-topped Short-horns, three good bulls and four heifers. One of these bulls is a crackerjack and we think should demand a place in some good herd. He is a grandson of Imp. Prince Oederic and as an individual is hard to beat. Write for a catalog at once and if you are in the market for a Short-horn bull or some good sows you can't afford to miss this sale. Those who cannot attend may send bids to Mr. Ray Page, of this paper, in care of Messrs. Hamilton & Son. When writing mention this paper.

**Last Call for the Weber Sale.**

We wish to call attention for the last time to the Duroc Jersey bred sow sale to be held at Friend, Neb., on February 4th, in which Mr. Henry Weber will offer some very choice animals. He is offering thirty head of strictly high-class sows bred to two extra good boars. As a special attraction for this sale Mr. Weber will offer the great sow, Paragon, a daughter of the sweepstakes boar, Red Knight, and having for her dam Bouquet by Royal Darkey. This is a wonderful brood sow of the right type and has proven herself so by producing some very topsty stuff. She is bred to his 700-pound boar, Improver III, which the writer considers one of the best sons of Improver II in service today. He also has a daughter of Orion that is a good one, and she is also bred to Improver III. Most of the gilts are daughters of Improver III, and will be bred to Gold Finder, a son of Hambletonian that is surely a good one. There are two daughters of Van's Perfection, the sweepstakes boar of three state fairs and was a winner for three years in succession at the leading state fairs. In this sale will be included sows of the most noted strains and bred to extra good boars. Parties may reach Friend from the east and west at noon the day of sale and will be able to attend the sale of Mr. Frank Aldritt, at Friend, Neb., and Mr. J. H. Husman, of Exeter, Neb., on the two days following, at practically one expense. Catalogs are now ready and can be had by dropping a card to Mr. Henry Weber, of Friend, Neb. Look up the announcement on page 38 and write for further particulars, kindly mentioning this paper. Those who cannot be present sale day can send bids to Mr. Ray Page, of this paper, and they will be properly handled. Plan to attend this sale and the whole circuit.

**Last Call Husmann Dispersion Sale.**

With this issue we wish to call the attention for the last time to the dispersion sale of Duroc Jersey bred sows at Exeter, Neb., February 6th, in which Mr. Husmann will sell his entire herd, including his two herd boars, twelve tried brood sows and twenty-two good, growthy spring gilts, of early farrow. Most of the tried sows are bred to Von Billie K., a son of Billy K., the boar Mr. Van Patten, of Sutton, Neb., showed quite successfully for two years. His dam was Betsy Maid by St. Elmo. This hog is a large, heavy-boned fellow. The balance of the sows are bred to Fashion's profit, a son of Fashion's Improver, dam Briggs' Profit by Look Me Over. The blood lines of the sows included in this herd are extra good, there being granddaughters of Billy K., Improver II, Jumbo Red and several other prize-winning boars. If you are looking for foundation stock don't overlook this sale, as everything will be offered and it is seldom that one gets a chance to buy those sows that could not be bought other than in a closing out sale. Exeter is an easy place to reach, being on the main line of the B. & M. railroad, forty-five miles west of Lincoln. Trains from either way reach there at noon in plenty of time to get dinner and reach the sale. Mr. Ray Page will do the selling and mail bids sent to him in care of Mr. Husmann will be properly handled. Catalogs are now ready and can be had by dropping a card to Mr. J. H. Husmann of Exeter, Neb. When writing please mention this paper. Don't forget the date, February 6th.

**Louden & Son Sell Short-Horns and Duroc Jerseys February 12th.**

We take great pleasure in announcing to the readers of this paper that Messrs. H. B. Louden & Son, of Clay Center, Neb., will hold their annual sale on February 12th. In this sale they will disperse their entire herd of Short-horn cattle. Many of the cows will weigh from 1,200 to 1,500 pounds, and as the entire herd will be dispersed there will be some good bargains offered. There will be some of the cows in the sale with calf at foot got by Duke of Bonniebrae 183477, a son of Victor Baron 127266, a choicely-bred Scotch bull of Mr. Cruickshank's Victoria family which has been used very successfully in the herds of Messrs. Parsons and J. R. Crawford & Son, of Newton, Iowa. He was

got by Baron Cruickshank 106297 out of Victoria of Hill Farm 4th by Royal Duke of Lancaster 110015, tracing to Imp. Victoria 51st. You can plainly see by looking over the breeding of this animal that some of the very best Scotch families are represented there. This great bull will be sold and should go to some good herd. No. 2 in the catalog is considered one of the best and largest cows in the sale. She was got by Lord Washington 121755, he by Airdrie Duke of Hazelhurst 117846, of the noted Duchess family that have sold for higher prices than any cattle of the breed, fourteen head selling at the New York Mills sale Sept. 10, 1873, for \$262,400, an average of \$18,742 per head. In No. 3 we have what Messrs. Louden consider the best cow in the sale, and has a fine hull calf at foot. She was got by Knight of Elgin 2d 134314, a 2,300-pound bull in breeding condition. Lots 9, 12 and 13 are extra good heifers got by Duke of Bonniebrae and are all safe in calf. There are several individuals in this offering that are very choice. As to the brood sow offering, it is not large, but is the best lot of good individuals they have ever had for one sale. There will be two fall yearlings, daughters of Hambletonian, first-prize yearling at Nebraska in 1904, and having for their dam Louden's Beauty, also a state fair winner. These sows are an extra choice pair and are bred for early farrow to Jumbo's Perfection. Several of the gilts in the sale are bred to Lad's Top Notcher, one of the best sons of Tip Top Notcher brought to the West this year. One of the good things of the sale is a gilt by Jumbo's Perfection, dam Royal Beauty by American Royal, that was pronounced by those who have seen her the best gilt seen this year. As a whole the sows are a very choice lot and it will pay anyone who is looking for something good to write for a catalog and then arrange to attend the sale. Those who cannot attend can send bids to Mr. Ray Page in care of Messrs. H. B. Louden & Son. When writing please mention this paper.

**Schwabs Sell Bred Sows February 11th.**

On February 11th, Messrs. Geo. P. & Geo. W. Schwab, of Clay Center, Neb., will offer a draft of Duroc Jersey sows which they consider the best lot of hogs they have ever sold. They have cataloged thirty-five head, of which twelve are matured sows and the balance spring gilts of March and April farrow. They represent the most fashionable blood lines, some of them tracing closely to very prominent prize-winning sires. The offering is mostly sired by Morton Prince 16797, a hog that has produced some very good show animals. They are mostly bred to Jeffries 20701, a son of old Van's Perfection, the sweepstakes boar of three state fairs and a winner of the ribbons three years in succession. Others are bred to Long Knight 56915, a son of Red Knight 25199, the first and sweepstakes boar at the Nebraska State Fair in 1905. There will be three daughters of Red Knight included in this sale that Messrs. Schwab consider extra good, and they are safe in pig to Jeffries. This will be the first sale of the Clay county circuit and parties coming by the way of Harvard or Fairfield will be conveyed to and from the sale free of charge. You can attend this whole week of sales at practically one expense. Free hotel accommodations at the Clay Center hotels. Catalogs now ready and will be mailed to anyone who will drop these gentlemen a card. Arrange to attend this sale and the rest of the circuit, as you will be well treated while in the town. Those who cannot attend the sale may send bids to Mr. Ray Page, of this paper, and they will be properly handled. Mention this paper when writing.

**D. H. Needham's Poland China Sow Sale at Madrid, Iowa.**

Last week we wrote at some length of the good points of the offering of Poland China sows and gilts which Mr. Needham would make at Woodward, February 11th. Suffice it to say that a representative of The Homestead found the offering as good in size and bone as any to be sold this spring. Among the tried sows will be one by a Trade Mark dam out of Proud Perf. 2d. She had seven boar pigs last March which were the first to be picked out of the thirty that were sold from this herd the last few months. She is a long, breedy sow, a good producer and has two March gilts in the sale. Another is a granddaughter of Johnson's Chief 62243, more of a blocky-made sow, nevertheless a sure and prolific producer. Another traces to the Wilkes family. The yearlings are large and strong boned and are sired by One Spot, one of the good hogs at the Iowa State Fair in 1904. The gilts are a smooth, even hunch and will be just the right kind of stuff to put some vigorous blood into your herd if you are looking for that. There will be four of these from a daughter of Jumbo that are great big ones, also three from Blooming Lady, one of the best sows in the herd. All the gilts are bred to a Chief Perf. 2d boar. There will be a few March boars included, should any wish males. Send for the catalog at once and plan to be there. A good time assured.

**East & Son Sell Bred Sows February 13th.**

On the third day of the Clay county circuit, February 13th, Messrs. W. J. East & Son will hold their annual brood sow sale and will offer a very choice lot of sows. In this sale will be offered a type of good, useful Durocs that should be sought for by leading breeders. Several of the tried and yearling sows are included, as Messrs. East's home trade is very valuable to them, and as they sell every year to the same men it is necessary that they keep putting new blood into their herd. Thirty-five head comprise the amount of the offering and nothing but the very best has been selected for this sale. Messrs. East have quite a hobby for putting the poor ones into the fattening pen, a thing that every breeder and especially those who hold public sales should do. At the head of this good herd, and the hog that has sired a greater part of the good things in this sale, is Bezdek 29413, first-prize hog in class at Nebraska in 1904 and also winning third at the St. Louis exposition. He is not only a show animal, but breeds a type of show hogs that with proper care would be heard from in the hottest com-

# BIG SALE

OF

## Registered Percheron Mares and Stallions Wednesday, Feb. 6th, Union, Ia.

### 23 Percheron Stallions and Mares and 3 German Coach Stallions.

Mr. Rogers himself contributes thirteen head, including five splendid Percheron mares, all in foal; the remainder being fillies and stallions. Included in the number is one imported mare. Mr. F. A. Frost, of Grundy Center, Iowa, is the next largest contributor and sells five Percherons and three German coachers. There will be eleven stallions in the offering. This offering of twenty-six head will certainly afford the farmers of Iowa the best opportunity to secure registered Percherons stallions and mares at their own prices. The town of Union is located about eighteen miles north of Marshalltown on the Iowa Central railroad. In addition to the principal part of the offering made by the two gentlemen named, there will be four or five other stallions contributed by breeders of central Iowa. All of the mares of breeding age are bred either to good imported stallions or to the best home-bred ones in the community. All mares three years old and over are thoroughly broken to work. Inasmuch as these contributors are comparatively new to our readers and new to the fraternity aside from their immediate community, it may be possible that this is a splendid opportunity for farmers and breeders to secure high-class stallions and mares at a lesser price than is ordinarily paid for the same at the more important sale centers or in sales where the consignors have national or state wide reputation. Application for the catalogs should be made at once to

## E. F. ROGERS, UNION, IOWA

## VAN PATTEN'S DUROCS AT AUCTION

**AT SUTTON, NEB., THURSDAY, FEB. 14, 1907.**

THIRTY HEAD, including the great show sow, Model C., first-prize sow over twelve months at Nebraska State Fair, 1906; Model B., third-prize sow same class. Other sows of equal show-yard merit and good breeding. SIXTEEN SOWS BRED TO THE GREAT TOM DAVIS, first-prize hog at Nebraska State Fair, 1906, and second at Iowa in over twelve months class. Several daughters of Billy K. in this sale. Catalogs now ready. If you cannot be present send a bid to Ray Page, of The Homestead.

### GILBERT VAN PATTEN, SUTTON, NEB.

COL. T. C. CALLAHAN, AUCTIONEER.

## BABCOCK'S FIRST ANNUAL POLAND CHINA SALE.

**MANNING, IOWA, SATURDAY, FEBRUARY 2, 1907.****50  
HEAD**

40 Big Sows safe in pig to Brookline's Express, Illinois Interstate prizewinner, and the massive boar Long John, not a show hog, but a wonder.

**50  
HEAD**

THESE sows are the best I have ever owned or seen put in one sale. Thirty head are yearlings or past and will weigh from 300 to 700 lbs. All are to be sold with a guarantee that will be absolute. Ten head are gilts with plenty of bone and quality; 10 head fall pigs, 5 boars, 5 gilts, the cream of the bunch of 80 head. Plan to come and I will make the day a pleasant one. Send for catalog.

**ERNEST S. BABCOCK,**

COL. GEO. P. BELLOWES, Auctioneer.

**MANNING, IOWA**

## RUEBEL BROS.' THIRD ANNUAL SALE

**FEBRUARY 12, 1907.****60 POLAND CHINA BRED SOWS.**

Consisting of matured sows, fall gilts and spring gilts. Bred to R.'s Keep On, one of the great sons of the noted Keep On 61015, and Iowa Chief, by Ed. Klever's Thickset. Iowa Chief is the best Thickset boar in Iowa—twenty are bred to Moderator, the great young boar we purchased of John Blain, Pawnee City, Nebraska. This was the best extra large smooth pig that Mr. Blain was able to find after visiting twenty-five or thirty of the best herds in Nebraska and Iowa. There will be sows in this sale sired by Chief Perfection 2d, Keep On, Mischief Maker, Chief Tecumseh 3d and other noted boars. If you want size, breeding and quality you can get it here. Get your name on our mailing list for a catalog.

**RUEBEL BROS.****ROCKWELL CITY, IA.**

petition. These sows represent the blood of the most noted strains of the breed. Those not related are bred to this great hog, Bezdek; others are bred to Kansas Banker, a son of Improver 2d; dam Countess, the highest priced sow ever sold in Kansas. This pig Messrs. East consider one of the most prospective youngsters they have ever owned, and if nothing serious happens to him he

will make a creditable showing another year. It might prove profitable for those looking for good gilts to buy one bred to this young boar. Do not overlook this sale and if you have not received a catalog, write for one at once and mention this paper. If you cannot attend send a bid to Mr. Ray Page, in care of Messrs. East & Son and it will be properly handled.



# Dispersion Sale of the Famous Herd of O. I. C. Swine Owned by the Late O. L. Kerr, of Independence, Mo., Wednesday and Thursday, February 6 and 7, at Independence, Mo.

ONE HUNDRED AND EIGHTY HEAD

Fifty-five bred sows—twenty-five bred to the great Kerr Dick, three, including Sally, the 1906 champion, are bred to Kerr Shelton, the \$625 champion; others are bred to the remaining herd boars. Thirty boars ready for service. Fall and summer pigs compose the balance of the offering. This will be a golden opportunity for O. I. C. breeders to secure the cream, as there has not been an animal sold from the herd since the death of Mr. Kerr. Every animal sells to the highest bidder for cash, as Mr. Kerr's estate must be settled. Write me for catalog. See field notes. Bids may be sent to auctioneers or C. J. Hiles, secretary O. I. C. Association.

Cols. Sparks and Zaun, Aucts.

LLEWELLYN JONES, ADMR., INDEPENDENCE, MO.

KERR DICK  
KERR REX  
KERR DEXTER  
KERR PAUL

Buy one of these  
great boars.

BIG MARY  
SILVER  
NANCY  
SALLY

Buy one of these  
great sows.

## Van Patten's Annual Brood Sow Sale, February 14th.

On February 14th the veteran breeder, Mr. Gilbert Van Patten, of Sutton, Neb., will hold his annual brood sow sale, in which he will offer some very choice individuals. All who are personally acquainted with this gentleman will agree with us that he has been one of the mainstays in building up the Duroc Jersey hog to its present standard of excellence. He has bred and exhibited some of the best animals of the breed, made good sales, and, above all, has stood behind every statement he has made on the animals sold. The leading attraction of his coming brood sow sale is the fact that there are sixteen of these grandly-bred sows bred to the great Tom Davis. This great hog is a son of Ben Davis, having for his dam Orange Blossom by Orion Chip. He was good enough to win second prize in the over twelve months class at Iowa this last fall and then go to Nebraska and win first, being in the hottest competition in both places. This great hog crossed on the produce of Billy K. we feel confident will produce something extra good. Many of the good sows in this sale are bred to Medco, the hog Mr. Van Patten has used with much success in his herd for three years. Another great attraction will be the great sow, Model C., first-prize sow in class at Nebraska last year and bred to the great Tom Davis. This sow is a daughter of Billy K., dam Rose Bud Lady by Van's Perfection, the great show boar showed with success three years in succession, making a show record that has few equals in the Duroc breed. This sow is a show animal in every respect and has two full sisters in the sale of equal show-yard merit. These three sows won first as produce of sow, first as get of boar and won second as a herd with Tom Davis at the head. He is also offering Red Bud 1st and Red Bud 2d, the third and fourth prize sows under one year at Nebraska, also winning third as young herd and third as produce of sow. The great sow, Rose Bud Lady, will be sold and we consider her one of the greatest producers of the breed. She is the dam of all of Mr. Van Patten's this year's show herd and will be sold safe in pig to Medco. A nice catalog has been prepared and will be sent to anyone on application. Write for one and mention The Homestead.

## Combination Poland Bred Sow Sale.

At Maxwell, Iowa, Tuesday, February 19th, will be held a sale of choice Poland China bred sows and gilts from the herds of Messrs. J. E. Hull and J. O. Thompson. This sale will contain some very exceptional numbers to say the least. The first thing that a visitor at these two breeding farms is impressed with is the very frank and cordial manner in which he is shown through the herds, which in both cases have been founded along the right lines. My this we mean that the working members are notably free from some of the deficiencies of the breed. Plenty of scale has been secured through purchases from time to time of representatives of Nemo L's Dude and Tecumseh sires. One of the mature sows is Tec. Whiteface, a great, wide-backed individual with two gilts, a yearling and a two-year-old sows in the sale. Right here is a group worth your investigation. An offer of an even \$100 on the old sow has already been refused. Four sows are sired by Regardless 93337 by Orr's Tec., dam Rosegay 213004. This quartet should draw much admiration, as well as money. Johnson's Chief is also represented in the sow offering. At one time this boar was at the head of the herd of Mr. J. Blain, of Pawnee City, Neb., and was the Nebraska State Fair sweepstakes hog in 1902. The gilts will make a grand display, as they are bred right and grown right. Among them are a few with excellent prospects for making show material. They are of the Perfection breeding. The offering has been mated with some splendid males, chief among which is Dude Pedrick, a son of All Dude 106413, an 800 pound yearling, and a state fair winner. Also to Perfection H. 106471, a half-brother to Perf. E. L., and another is Keep On Again 116719. This kind of breeding should bring some good bids to the sale. Everything is guaranteed to be right and if you cannot come, send a bid to the auctioneer or to Mr. L. E. Troeger, of this paper, in care of the sale consignors. Remember that this is a sale of valuable producers, show material and unexcelled foundation stock. Kindly mention The Homestead when writing.

## Morrison's Great Kan't Be Beat Sale.

On the 12th day of February, 1907, Messrs. John M. Morrison & Sons, of College View, Neb., will hold their annual brood sow sale in which they are offering the best lot of sows they have ever been able to put before the public. A representative of The Homestead after carefully inspecting their offerings says unhesitatingly that it is one of the good Duroc Jersey offerings of the year. Buyers who attend this sale are not going to be disappointed when they see the offering. They are putting forty-five head in the sale, including seven tried sows, six fall yearlings and thirty-two spring gilts, the entire lot bred to the great show boar, Kan't Be Beat. It takes quite a bit of nerve to pay \$2,500 for a boar. This is what Mr.

John Morrison did when he purchased Kan't Be Beat, conceded the winner of more first and sweepstakes ribbons than any hog living, having won fifty-seven first and sweepstakes ribbons out of fifty-eight times shown. A half interest in this great hog will be sold in this sale, and we consider it an opportunity of a life time to secure an interest in one of the greatest breeding boars of the day. The get of this great boar have proven winners and are worthy of a place in any good herd. It is useless to say more of this great hog, as every breeder who is familiar with the history of prize-winning Durocs knows that this great hog has been an outstanding winner and sire of prize winners. Forty-five head have been cataloged. They represent the blood of many prize-winning families and crossed with such a sire should produce something good for the purchaser. There will be twelve daughters of the great Ohio Chief included in this sale, some of them from prize-winning dams. The tried sows are some of the best producers in the Morrison herd and could not be bought other than the fact that Mr. Morrison is omitting nothing that would make this sale attractive to the most discriminating buyers. In our next issue we will have more to say regarding this offering individually and we would advise our readers to write for a catalog at once and look over the breeding of every animal and see what Mr. Morrison has to say about them. Messrs. Morrison & Sons invite every breeder to come and attend this sale and will assure you the best of treatment from the time you get off the cars until the following sale, that of Messrs. Kirkpatrick & Wilson, on February 13th. Every breeder will be cared for at their expense. Plan to be present at College View on this date and look over a great offering of Durocs. You will be more than pleased with them when you see them. Those who cannot be present on sale day can send bids to Col. T. C. Callahan, who will do the selling, and they will be properly handled. When writing for catalog please mention The Homestead.

## Mattson's Dispersion Sale, Feb. 15th.

February 15th Mr. A. H. Mattson, Loomis, Neb., will disperse his entire herd of Short-horns. This sale will be a great opportunity to secure a good herd bull or some good cows that are tried and proven breeders. In this sale will be sold the great herd bull, Goldie 152298, considered a straight Scotch animal of great scale and breeding qualities. He is by Sir Charming 2d 123972, dam by Red Victor 113467. This bull weighs over a ton in breeding condition and is the sire of some of the best stuff in this sale. While it is not expected that this will be a record-breaking sale, it is a sale of good, useful dual-purpose cattle whose breeding is extra good and from and individual standpoint Mr. Mattson considers these cattle good enough to be of service in any herd in the state. Prince Volomia 223588, got by Orange Viceroy 164269, is a bull that deserves much credit, and we think if he were properly fitted would make a creditable show. He comes from the best Scotch families, is a good individual and should be sought for by leading breeders. In the great cow, Arletta, Mr. Mattson believes that he is selling the best Short-horn cow he has ever owned. She is a very deep, thick-fleshed cow, of great scale, got by Prince Lee, dam Ailama 21st by Red Ravenwood 113444. She will have a calf at foot on sale day by Goldie. Several other cows in this sale are very much the same type as the cow just mentioned, being very low-down, thick-fleshed animals that have both beef and good milking qualities. There will be ten good young bulls included, mostly the get of the great bull, Goldie. Come and look them over if you are in the market for some good Short-horn cattle. Catalogs now ready and will be mailed to anyone who will drop them a card. When writing please mention The Homestead.

## Hess & Sons Sell Short-horns Feb. 12th.

On Tuesday, February 12th, at Surprise, Neb., will be held the Hess & Sons' Short-horn sale, in which will be sold some straight Scotch females. Many of the cows in this herd weigh from 1,200 to 1,500 pounds and the herd is noted for its great scale and quality, also the blocky, low-down type of useful cattle they are producing. The bull now at the head of this herd and the sire of most of the young stuff in this sale, is Golden Victor 131686, a massive, low-down, blocky fellow that these gentlemen have thought good enough to keep at the head of their herd for several years. This great bull is sired by Luverne, a Cookson-bred bull. His dam is Emma 17th by Victor of Homewood, tracing to Imp. Emma 3d by Young Englishman. There are several of the most noted Scotch animals whose blood is very prominent in this herd and some of the best individuals will be offered. Among the noted Scotch families represented is the Rose Strathallen tribe. Among the best sires are Secret Valentine, Prince Ramsden, Imp. Cupbearer and many others of equal breeding merit. Among the most noted American families are the Rose of Sharon, Young Mary, Miss Hopper, Lady Jane and Ruby. Write for catalog and look over their breeding. When writing please mention The Homestead.

## Geo. H. Miller's Short-horn Sale

IN THE HEATED SALE PAVILION

Harlan, Iowa, Wednesday, February 6, 1907

45 HEAD, 30 Females, 8 with Calves at foot 12 to 15 bulls from 9 to 24 months of age 45

Few sales will be able to show as uniform and as beefy a lot of cattle as I will sell in this sale. They will all have from one to five Scotch tops, and the greater number of my foundation stock was purchased from the late T. R. Westrope. I have used two half-brothers of the great cow, Sweet Violet 2d, at the head of my herd. Some of the heifers and all the bulls in the sale are sired by my pure Scotch bull, GLOSTER BUD 194649, which good judges pronounce one of the good Scotch bulls in the state of Iowa. The heifer stuff is bred to Idiewild Favorite 200411, an extra fine Scotch bull, the sire of two steers and one young bull now being used by the Nebraska Experiment Station, the steers for feeding experiments, the bull for breeding. All cattle guaranteed to be breeders. Write me for catalog. Address,

COL. GEO. P. BELLOWES,  
Auctioneer.

GEO. H. MILLER, HARLAN, IA.

## 50 HEAD DUROC JERSEY BRED SOWS 50

"Big Bone, Good Size, Plenty of Length," My Motto.

RED OAK, IOWA, FEBRUARY 8, 1907.

I am selling a splendid lot of yearling and matured sows and spring gilts, the best ever. There will be fourteen granddaughters of Red Chief I Am and the great Nebraska Belle. Others sired by Brighton Wonder (a full brother to Crimson Wonder) Higgins Jr., Jim's Gold Dust, Miss Bob's Wonder, Educator and Hardy's Improver. They will be bred to Peerless Chief, a son of Ohio Chief; Belle's Red Chief (a son of Nebraska Belle), Educator and Royal Knight. My fall sale of sixty head of boars averaged me \$28, the best sale of the season. Write me at once for catalog and come to my sale. Address,

T. H. ISAAC,

RED OAK, IOWA  
Col. Bob Adkins, Auctioneer.

## ATTENTION! POLAND CHINA BREEDERS. AT WOODWARD, DALLAS CO., IOWA,

I Will Offer on February 11, 1907,

8 Tried Sows Valuable producers, in the best of condition, with produce among the gilts. Sired by Proud Perf. 2d and a son of Johnson's Chief 62243.

6 Yearlings Sired by One Spot 90201, one of the good hogs at Des Moines in 1904. These are big ones and breedy, with every indication of prolific producers.

26 Gilts Sired by Mischief's Model 98435, Hands Down 105713, One Spot, Jumbo 91987 and Mainspring 102681. They are as large and as well formed as are to be sold this spring. Bred to Perf. King, a hog of wonderful bone, back and ham. Size and bone are my hobby. Remember the date, Monday, February 11th.

D. S. NEEDHAM, Prop.

COL. H. S. DUNCAN, Auctioneer.

WOODWARD, IOWA

## REMEMBER MY FIFTH ANNUAL SALE 40 Poland China Bred Sows and Gilts

MADRID, BOONE COUNTY, IOWA,

FEBRUARY 12, 1907.

I HAVE selected for this sale five attractions in as many tried sows. They represent some of my best and are sired by Johnson's Chief 62243, a champion at Nebraska, 1902; also by Chief Perfection 2d, Keep On, Looks Choice and Mondamin Sunshine. Fifteen fall yearlings, beauties well grown and showing every indication of making valuable individuals. Sired by Trade Mark 65313, a hog of unusual strong bone and smooth body, and a sire of my best young stock. A score of gilts completes my offering. They are as big as you will find; mostly of early litters and sired by Mischief's Model, also by Handspring 87701, a St. Louis prize hog, and Sunburst, a second prize at Illinois State Fair. I can show you as good combination of bone, quality and size as any. My young stock is bred to J. H.'s Dude. I want you to have my catalog. It will include beside my offering several young boars and sows, sired by a son of Nemo L's Dude. We shall look for you on sale day.

J. H. WATSON, Prop.

COL. H. S. DUNCAN, Auctioneer.

MADRID, IOWA

## TOOP'S ANNUAL POLAND CHINA SALE. AUBURN, IOWA, FEBRUARY 7, 1907.

51 HEAD 14 Fall Yearlings 2 Matured Brood Sows 23 Spring Gilts 51 HEAD

I HAVE selected the very tops of my herd for this sale. A good many of the gilts are sired by Auburn Chief, a son of Chief Tecumseh 3rd and Perfection I Am, a son of Fancy Perfection. Bred to Black Sensation, a son of Black Chief's Rival, and one of the best young boars in the state; also to Pilatus U. S., a son of Pilatus Chief. The yearlings are a superior lot in every way. The aged sows have been great brood sows. Write me at once for catalog.

W. I. TOOP,

AUBURN, IOWA



The Ames-Boone-Polk City Sale Circuit.

This grand Duroc Jersey circuit in central Iowa opens its first sale at Ames, February 11th, where at the farm of Mr. S. P. Freed thirty-five head of choice sows and gilts will be sold. Many of the mature sows are of select breeding and being bred to Manley Orion, whose illustration appears on page 20, makes them especially attractive numbers of the sale. There will be five gilts out of Ruth G. II. that are full sisters to Ruberta, the sows that sold last week at Mr. F. E. Garrett's for \$1,500. Her dam, Ruth G. II., bred to Manley Orion, sold for \$540. Right here is a quintet of gilts that are worth seeing and any one of them will be a valuable addition to any herd. If impossible to come yourself, send a good bid. Start the circuit here and stay by it. Send for catalogs for each of the four sales. Free entertainment for all. Col. F. F. Luther conducts the sales on each day and bids sent to him in care of the respective consignors will be courteously handled.

THE SECOND DAY AT A. P. ALSIN'S.

At Pine Hedge Farm, two miles out from Boone, will be held the second sale of the circuit. There has been selected for the offering seventeen yearling and tried sows and twenty-eight gilts. The mature stock shows quite a variety of breeding and numbers some individuals that should make the average a good one. One sow that deserves special mention is Violet Blossom 51236, dam of the sweepstakes sow at Sioux City last fall, Royal Blossom. Violet Blossom raised a good litter last summer sired by Proud Advance. She has two splendid gilts in the sale and is rebred to Advance Dandelion, the third-prize senior yearling at Des Moines last fall. Another is Lady Wonder 100908 that is similarly bred. Pilot's Nancy is a fine yearling of the famous family that have proven such money makers. She was purchased at a good price last spring and is a splendid individual. As she is bred to a son of Tip Top Notcher, the St. Louis champion, a good bid on her will not be made amiss. Bess Brilliant by old Brilliant 9265 is another special number. Her record as a prize winner is an enviable one, and she is bred to Nash's Model for an early litter. This is a combination of prize-winning blood and should result in something worth owning. Among the gilts are three trim Ohio Chief-bred individuals. There will also be some Kruger Maid gilts, half-sisters to Ben Orion, the second-prize pig in 1905. Here is a choice offering. Line up for one of the catalogs. Kindly mention The Homestead. Place and date is Boone, Iowa, February 12th.

THE THIRD DAY AT B. C. MARTZ.

Mr. Martz will keep up his end of the circuit with a most excellent bunch which will consist of eight yearlings that are about as growthy and deep bodied as any that will be seen at spring sales. One is sired by Top Notcher Chief and out of an advance dam that was sweepstakes at Des Moines in 1903. Others are by Joe Patten out of Challenger dams. These yearlings must be seen to be fully appreciated. Their individual merit is as good as their breeding and if something real good in the line of yearlings is what you want, they should be kept in mind. The gilt offering includes thirty-one head. Two are sired by Model Chief and they were in the first-prize litter in Des Moines and were litter sisters to the first-prize six-months-old boar. Another was in the third-prize litter, while four are by Keep On; others by Manley Orion and other sires. The young stock is bred to an Ohio Chief boar and to Keep On 2d, the first-prize boar at the Iowa State Fair at Des Moines last fall. A few are bred to a Crimson Wonder boar, a half-brother to the noted sweepstakes boar. This offering merits your careful attention. Send for catalog and plan to be on hand at the sale Wednesday, February 13th.

THE CONCLUSION AT SHOTWELL & MENEFEES.

The last sale of the Ames-Boone-Polk City circuit will be concluded with the offering of forty-five head of sows and gilts at the farm of the above gentlemen near that of Mr. B. C. Martz. In the sale there will be fifteen mature sows sired by Orion, Reed's Banker, Tientsin and others. Among this number will be found a granddaughter of old Orion out of Mollie 3d. She has proved one of the good members of the herd and goes to make up an attractive offering. She is bred to Councilor by Model Chief. The fifteen fall yearlings are sired by Challenger II., while as many gilts are sired by Orion's Rival and Model Jim. The younger stock has been bred to three good boars, sons of Billy K., Malcolm's Model and to Councilor. The offering will contain something for everyone. Send for catalog and remember the sale is Thursday, February 14th. Mention The Homestead.

Announcement of the Rosenfeld and Siverly Angus Sale.

Admirers and supporters of this breed, which is becoming more popular each year, due to their beauty, their remarkable feeding and finishing qualities and early maturity, will undoubtedly be interested in a sale of sows and bulls which is to be held at Kelly, Iowa, Friday, February 15, 1907. Kelly is on the C. & N. W. railroad between Ames and Des Moines, and may be reached on the N. & N. W. railroad also. These facts combined with the assurance that the best of preparations are being made at the farm, a half mile out, for the comfort of visitors sale day, should cause prospective buyers and breeders to have no hesitation in lending their support to the event. We can say from personal inspection that the offering is a first-class one in every respect. This firm of breeders have, by good business management, developed a splendid trade for their stock through central Iowa. Until a year ago they have been able to dispose of their surplus at private treaty, but since the addition to their herd, made by the purchase of the entire breeding herd of Mr. John L. Gaiser, of Charleston, Ill., they have chosen to enter the sale arena with their produce. That the breeding of this herd has proven highly profitable and successful is indicated by the excellent class of young stock on the place. The members of the firm have had unusual success in this respect and can

# 3 GOOD DUROC JERSEY 3 BRED SOW SALES

MONDAY, FEB. 4th

Henry Weber,  
Friend, - Nebraska.

35 HEAD of richly-bred sows, bred to such boars as Improver III., he by Improver II., Gold Finder, one of the best sons of Hambletonian. My sows represent leading strains of the breed. Write for catalog. Send bids to Ray Page in care of proprietor.

AUCTIONEERS.

Ray Page, J. L. McLeese.

TUESDAY, Feb. 5th

Frank Aldritt,  
Friend, - Nebraska.

45 HEAD. I have the get of 10 leading sires to offer, including daughters of the great Ohio Chief, Higgins' Model and others. They are bred to such boars as Royal Prince, Adams' Express, a full brother to Crimson Wonder, and a good son of Ohio Chief. Write for catalog. Send bids to Ray Page of this paper.

AUCTIONEERS.

T. C. Callahan, Ray Page.

WED., FEB. 6th

J. H. Husmann,  
Exeter, - Nebraska.

36 HEAD. This will be a dispersion sale. I will sell my entire lot of tried brood sows. They are bred to such boars as Von Billie K. Lankage, a son of Belle's Echo, and Fashion's Profit, by Fashion's Improver. Catalog now ready. Send bids to Ray Page in my care.

AUCTIONEERS.

Ray Page, J. L. McLeese.

point out some cows that have raised three calves in two years. In this connection it might be of interest to state that one of the cows, a Georgiana, No. 16 in the catalog, is phenomenal along this line and has always grown a valuable calf on her own milk. She has a young heifer calf at foot now. In fact, there are no nurse cows used at all in this herd and the two points that buyers can feel absolutely certain of in this offering is that every one of the twenty-nine head of cows is a good mother and a sure breeder. A glance at the sale advertisement will indicate something of their breeding, which we will enlarge on next week. The young bulls range in age from nine to eighteen months, including one, Inland Dandy, coming three years in March and one of the bulls to which a few of the cows have been bred. Among them will be found some prospective show material. This will be one of the best chances to secure first-class Angus at sale that we know of in central Iowa. Come out and look over the offering. Catalogs ready for mailing, and includes the purebred horse sale in the forenoon held by Mr. F. W. Penfield, of Ames, Iowa. Kindly mention The Homestead when writing for catalog.

J. H. Watson Sells Poland China Females.

At Madrid, Boone county, Iowa, Mr. J. H. Watson, one of the good breeders of Poland Chinas, will dispose of forty head of bred sows and gilts. The date is Tuesday, February 12th, and as Madrid is favorably situated with regard to railroad facilities we are looking for some good bidders at this sale. Everything will be done to make those from a distance feel that they will wish to return next year. Mr. Watson believes in plenty of size in his hogs and while he desires all the quality possible in his herd, he still does not sacrifice that point for good, strong bone. For a number of years the policy has been to breed along this line and it has resulted in a collection of individuals from the oldest to the youngest, of most excellent pasterns and feet. From time to time valuable additions to the herd have been made and buyers will find in the catalog a very good assortment of blood lines to choose from. At the head of the herd stands Mischiefs Model 98435, a grandson of Chief Perf. 2d. He is a long, low-down, heavy-boned hog of the mellow kind. He was pronounced the best boar in the record-breaking sale of Messrs. Winn & Mastin's in August, 1905. All claims have been proved by his work on the herd and buyers will find a very uniform bunch of young stock at the sale by this sire. There will be some special attractions in the aged sows and yearlings. Mr. E. M. Metzger, of Fairfield, will have in the sale several young boars sired by Winning Dude 26027 and some bred sows and gilts of similar breeding. Mr. W. A. Jones will include three excellent sows. They are prize winners and related to winners at the state fair. Send for a catalog of this splendid offering which will be a select one, indeed. Kindly mention The Homestead.

Last Call for Poland Sale, Ankeny, Ia.

Mr. William Lentz has chosen Friday, February 8th, for his first annual sale of Poland China sows and gilts to be held at Ankeny, Polk county, Iowa, and conducted by Col. H. S. Duncan. In this, his first offering, Mr. Lentz has been exceedingly careful to select the very best of his herd, as it is his ambition to please the buying public, as he is in the hog breeding business to stay. Like a great many of the most successful breeders, he believes that straight, strong limbs and pasterns can just as well be secured with proper conformation as not, and he prefers not to have anything in the line of poor bone in his herd. The strains of blood which his offering represents will be seen by readers to be especially noted for individuals of first-class conformation and vigor. Some of the foundation sows are by Johnson's Chief 62243, a sweepstakes Nebraska State Fair boar in 1902. Others are by Chief Perfection 2d and Nemo L's Dude, both boars of noted individuality and as sires of good stock. The gilts will be a most attractive bunch and are sired by Tec. Longfellow 87375, bred to two very excellent young boars, sons of Top Chief 118063 and Blain's Tec. The old sows have been rebred

## POLAND CHINA BROOD SOW SALE

At Aledo, Ill., Thursday, February 7, 1907

### 40 Head of Aged Sows and Gilts

Twelve aged and yearling sows, twenty-eight March and April gilts. A choice lot of matured sows and gilts of choicest breeding and individuality. They are mostly the get of Faultless Perfection 2d 70889, Perfect Sunshine 71895, Rising Sun 2d 92463, Perfection E. L. 71635, Young Delight 104551, On and On 2d. These sows are bred to Young Delight 104551, On the Dot 2d 117431, Young On and On 2d 116061 and Young America 117429.

This is a good, useful lot of heavy-boned, growthy sows, and they are the money making sort. They have been fed for usefulness, and not for show, thus insuring buyers success with pigs. Write for catalog, kindly mentioning The Homestead. Bids sent to Mr. D. M. Pierce, representing this paper, in our care, will be properly handled. Auctions, W. D. Lester, of Kewanee, Ill., and E. Bowlinghouse, of Aledo, Ill.

Bridgford & Nesbitt, Aledo, Ill.

## MILLER'S IMP. PERCHERONS AND FRENCH COACHERS.



Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.

S. J. MILLER, KIRKSVILLE, MO.

## High Class Poland China Sows FROM THE HERD OF H. B. MOATS & SON, VILLISCA, IOWA. FEBRUARY 5, 1907.

45 HEAD HEAD GO THROUGH OUR SALE RING ON THE ABOVE DATE, and they are a high-class lot of sows, with plenty of size and they certainly have the finish. Twenty large sows, a year old last spring, fifteen head a year old last fall, and twelve spring gilts. The bulk of the offering is sired by our great boar, SHAMROCK. We are including a very fine Chief Perfection sow now two years old, and bred to Shamrock. Another great yearling we are offering is sired by Perfect Tecumseh, a litter brother to Perfect Perfection. We think we never sold a better bunch of sows than will be offered in this sale. Write for catalog at once. Address,

H. B. MOATS & SON, VILLISCA, IOWA  
Col. H. S. Duncan, Auctioneer.

## 45 Growthy Poland China Sows and Gilts 45 —AT PUBLIC SALE— FEBRUARY 8, 1907, ANKENY IOWA.

FOR a number of years I have been building up a herd of Poland Chinas. From time to time, I have added good individuals to my collection. My work has been well spoken of by breeders and swine men. In this, my first sale, I have taken special pains to select my best and have them be a credit to myself and the breed. Ten yearlings and tried sows sired by Johnson's Chief, Nemo L's Dude and Chief Perfection 2d. Thirty-five March gilts sired by Tecumseh Longfellow. I have the long, deep-bodied, strong-boned type. Send for my catalog. Mention this paper.

WILLIAM LENTZ, ANKENY, IOWA  
COL. H. S. DUNCAN, Auctioneer.

to the sire of the gilts and buyers can see on sale day the results of this kind of breeding by the quality of the gilt offering. Here is a sale of some choice individuals of excellent bone and body. Sale to be held in town. Send for my catalog and look over what I have to offer you. Kindly mention The Homestead.



ILLINOIS  
AND  
MISSOURI'S

# Great Duroc Sale Circuit

185  
HEAD

AS GOOD AS ARE RAISED IN TWO STATES

REPRESENTING THE BLOOD OF GOLD FINCH, CHICAGO LAD, OHIO CHIEF, PROUD ADVANCE, BUDDY K. 4th, TOP NOTCHER, HE'S OUR PRIDE, BUDDY K, BELLE'S CHIEF, KAN'T BE BEAT, CHAMP. CLARK AND OTHER GREAT SIRES.

A GRAND OPPORTUNITY TO BUY DUROC SOWS THAT ARE PRODUCERS

185  
HEAD

**TUESDAY, FEBRUARY 12, 1906**

IN HEATED SALE PAVILION, AT

**PETERSBURG, ILLINOIS**

We will sell forty head of sows and gilts, the tops of two herds—twenty yearlings and twenty spring gilts. Gold Finch, first in class at Chicago in 1903; Chicago Lad, champion at the same show; Uncle Fred, a son of Helen Blazes IV., and Proud Wonder, a son of Crimson Wonder, are the principal sires, and the boars to which the sows are bred. We also sell daughters of Proud Advance, and close descendants of Ohio Chief, Top Notcher, Improver II., Orion, and other great sires. If you want good ones, well bred, arrange to be with us sale day. Write either of us for catalog.

**Harry Riggin, C. T. Rogers, Petersburg, Ill.**

AUCTIONEERS:  
Cols. Reppert and McDowell

**WEDNESDAY, FEBRUARY 13, 1907**

AT MY FARM NEAR

**JACKSONVILLE, ILLINOIS**

I will sell twenty yearlings and twenty-five spring gilts got by some of the best boars known to the breed and bred to boars of national reputation. Here are a few of them: Corrine Laurie, in second-prize aged herd at Springfield, bred to Tip Top Notcher; Annie Laurie, a daughter of Buddy K. IV., bred to Proud Advance; Golden Girl, by Buddy K. IV., bred to Tip Top Notcher; a spring gilt by Buddy K. IV., bred to Proud Advance, and a spring gilt got by Top Notcher Chief, bred to Mayor Jr., first in class at Illinois State Fair in 1905. I also sell a great lot that were got by my two herd boars, He's Our Pride, a Kan't Be Beat-Top Notcher boar, and Buddy K., a litter brother to Buddy K. IV. Arrange to be my guest sale day, as I think the hogs will please you. Write me for catalog.

**T. E. LAURIE, JACKSONVILLE, ILL.**

AUCTIONEERS:  
Cols. Reppert and Cox & Son.

**THURSDAY, FEBRUARY 14, 1907**

AT MY FARM NEAR

**LADDONIA, MISSOURI**

I am including in this—my first sale—twenty aged and yearling sows and twenty spring gilts as good as I own. Among the attractions are Perfect Gold Dust 33d, four granddaughters of Best of Top Notchers, and three Top Notcher gilts, an A. F. Russell gilt got by the great Iowa King, and two Gen. Cronje gilts; also daughters of my herd boars, Champ Clark by Tip Top Notcher and out of Gold Dust Rose, dam of Helen Blazes, and Chief Paul Finch, a son of King Morton and out of a daughter of Gold Finch. I believe the class of stock I am offering merits the attention of the breeding fraternity and you are cordially invited. Write for catalog.

**B. W. HALE, Box 2, LADDONIA, MO.**

AUCTIONEERS:  
Cols. Reppert, McCowan, Kell and Others

**FRIDAY, FEBRUARY 15, 1907**

IN HARRISON'S BARN AT

**SHELBYNA, MISSOURI**

We offer twenty-two aged and yearling sows, ten fall and winter gilts and twenty-eight spring gilts. We have this past year bought such great boars as Belle's Chief 51323, a son of the great Ohio Chief and Savannah Belle, the \$750 Murphy gilt; Buddy O. 2d, a son of the champion, Buddy K. IV., and Tip Top Notcher's Baby, and Queen's Advance, a son of Proud Advance, and have used them on our sale stuff, along with Paul Kruger, a grandson of Gold Finch. We are offering some great attractions in Helen's Sister, bred to Belle's Chief; Rose and Rosebud, litter sisters, some show material here; Maud and seven sisters, by Missouri Chief; Helena 8th by Oom Paul, and her two daughters. Our entire offering consists of tops of two good herds. Send for catalog and try to be our guests sale day.

**Maupin & Applegate, Shelbyna, Mo.**

AUCTIONEERS:  
Cols. Reppert and McCowan

**For Catalogs Address Each Breeding Firm and Kindly Mention This Paper.**

**Riggin and Rogers Sell Duroc Bred Sows, Tuesday, February 12th.**

The first day of the Illinois and Missouri Duroc Jersey bred sow sale circuit will be at Petersburg, Ill., at which time Messrs. Harry Riggin and C. T. Rogers, of Petersburg, Ill., will sell forty head. These gentlemen maintain separate herds and have selected twenty of the tops from their respective herds for this sale. They own the herd boars, Gold Finch, Chicago Lad, Uncle Fred and Proud Wonder, in partnership, but all sows are owned separately. In Mr. Riggin's consignment there will be twenty head, twelve yearlings and eight spring gilts. There is not a poor animal in the offering, but as attractions Mr. Riggin is selling sows that he would much prefer to keep. They are not so much better than others, but are sows he has become attached to on account of knowing absolutely how they produce when mated with his herd boars. Among these is Pride of Rosemary, a granddaughter of old Orion 5293. Her dam, Ethel W., was by Allison J. Perfection by old Allison. Orion and Allison were the boars in service in Messrs. Wm. Roberts & Son's herd when they made such a record with their Durocs, Orion siring the show pigs and Allison the brood sows that produced them. Pride of Rosemary is bred to Gold Finch. She is a large sow, remarkably well proportioned, with a fine arched back, well-sprung ribs and set on best of feet and legs. A great brood sow will be found in Phyllis, a daughter of the 1903 sweepstakes boar at the International. Larger sows are found, but more breedily-looking sows are seldom found. She is safe in pig to Gold Finch. The man who gets her gets a money maker. Two litter sisters, Betty and Rosemary Belle 2d, got by Gold Finch, will add to most any herd they may enter. Betty is bred to Uncle Fred; her sister is bred to Proud Wonder, a son of Crimson Wonder, sire of the 1905 champion at Iowa State Fair and grandsire of the 1906 champion. These are but a few of the good things Mr. Riggin sells. The spring gilts are the get of that grand old show boar and sire, Gold Finch. The blood of such sires as Ohio Chief, Top Notcher, Improver II. and Orion will be found close up in all. Mr. Rogers sells seven sows, yearlings past, and thirteen spring gilts. The show boar, Chicago Lad, plays an important part here, as several are his get. Among the yearlings will be found Dew Drop 2d and Lucinda, litter sisters, got by Garnett, he by Waverly Lad. One is bred to Chicago Lad; the other to Gold Finch. They are extra good sows and will produce good stuff by these boars. Lizzie D., got by Chicago Lad and bred to Uncle Fred, should please some critical buyer who is looking for a sow to produce a good litter. Among the gilts in Mr. Rogers' offering are three Proud Advance gilts, the kind that are now in such demand. One has been bred to Gold Finch, one to Chicago Lad and one to Uncle Fred, the Kraschel pig. This will give buyers an opportunity to select a Proud Advance bred to one of the three top herd boars. Both Mr. Riggin and Mr. Rogers feel that their respective offerings merit the attention of breeders, and the writer who has bred and mixed with the Duroc for upwards of fifteen

years, does not hesitate to say that the boys are putting up the goods. They hold their sale in town in heated sale pavilion where all can be comfortable. Petersburg is on the C. & A. and C. P. & St. L. railways, which affords the best of train service. Mr. T. E. Laurie sells on Wednesday, the day following, and buyers will find this an easy trip. Colonels Reppert and McDowell will do the selling and all bids sent to them will be handled with care. See this page for advertisement and write either gentleman for catalog. Kindly mention this paper when doing so.

**T. E. Laurie Sells Bred Duroc Sows Wednesday, February 13th.**

On Wednesday, February 13th, the second day of the Illinois and Missouri Duroc Jersey bred sow sale circuit, Mr. T. E. Laurie, of Jacksonville, Ill., will sell forty head, among which are sows and gilts of great merit. Some have made a reputation by topping sales and all are bogs that can be relied on to improve or to add to the better herds in the corn belt, or wherever the Duroc is raised. Mr. Laurie is going to put in this sale the greatest lot he has ever sold or owned. They are bred to boars of national reputation and to mention the special drawing cards would be mentioning over one-half of the entire offering. One of the outstanding things in Mr. Laurie's sale is the \$270 gilt, Corrine Laurie, a half-sister to the great Buddy K. 4th, she being by Buddy T., sire of Buddy K. 4th. The dam of this gilt is a granddaughter of that grand old boar, Allison. Mr. Laurie has gone to the expense of having this gilt bred to Tip Top Notcher for an early litter. Breeders, look to her if you want the blood that is in demand. The fall yearling, Annie Laurie, should be a great card, as she was got by Buddy K. 4th and is safe in pig to that great sire, Proud Advance. Breeders will, in this yearling, find a great young brood sow, and all know what a litter of Proud Advance pigs out of a daughter of Buddy K. 4th will bring. A spring gilt got by Buddy K. 4th has also been bred to Proud Advance. Thus buyers will be given two opportunities to get in on this cross. Nothing better is found in blood lines. Then the man who prefers the reverse cross will be accommodated, as Mr. Laurie has a Proud Advance gilt bred to Buddy K. 4th. Look out for these, breeders. One Proud Advance has been bred to Gold Finch. Here, too, is something good and right up among the tops of the country. Another Proud Advance gilt is bred to Tip Top Notcher. If as many Proud Advance gilts have been mated with such an array of breeding boars the writer does not know of them, and this will be an opportunity unparalleled. This is not all, for there is a Buddy K. 4th gilt in the sale that is safe in pig to Tip Top Notcher. A spring gilt got by Tip Top Notcher Chief and out of Queen Advancer has been bred to Mayo Jr., winner of first in class at the Illinois State Fair in 1905. Another is a daughter of Mayo Jr. and out of a daughter of Buddy T. She is bred to High Notcher. Among the yearling sows are two daughters of Van's Top Notcher by Top Notcher. These are

bred to Mr. Laurie's great boar, He's Our Pride. They are the kind breeders who want top stuff look to. To fault either is a hard proposition. There are a number in the sale bred to He's Our Pride. Breeders can well afford to look to these, as He's Our Pride is a breeding boar second to none. In all, Mr. Laurie sells forty-five head, twenty yearlings and twenty-five spring gilts. Parties coming to the sale will find free hotel accommodations at Jacksonville hotels. The sale will be held at Mr. Laurie's farm. Breeders can go from Jacksonville to Savage on the C. & A. which is but a mile from the farm. Colonels Reppert and Cox & Son will do the selling and all bids in their care will receive honorable treatment. See this page for Mr. Laurie's advertisement and write today for a catalog.

**Maupin & Applegate Sell Duroc Bred Sows February 15th.**

On Friday, February 15th, at Shelbyna, Mo., Messrs. Maupin & Applegate, of that place, will hold the closing sale of the Illinois and Missouri Duroc sale circuit. These gentlemen are breeders who have gone out after herd boars and have bought them regardless of the price if the individual suited and the pedigree was good. It was Messrs. Maupin & Applegate who paid Mr. Sam Murphy, of Savannah, Mo., \$300 for one of those Ohio Chief-Savannah Belle boar pigs. That they have made no mistake is conceded by all who see the boar. They also bought a son of the great Buddy K. 4th, a son of Proud Advance, and owned and have used a son of Kruger. Thus it will be seen that they have a fine array of herd boars to use on their sows. They have listed twenty-two prove sows (mostly yearlings), ten fall and winter gilts and twenty-eight spring gilts. Among the sows is Helen's Sister 64504, a sister to the great Helen Blazes. She is a fine specimen of a brood sow and is bred to Belle's Chief, the \$300 pig. Two fall sows of December farrow are perhaps the showiest of the yearlings or fall gilts. They were got by Red Duke by Dictator and are bred to Belle's Chief for middle of March litters. One of these would have made a wonderful show last season and will make a yearling fit to enter any company. Both are cherry red. They have the fine-arched backs, two good ends and the legs to carry them. A whole litter best designated as Maud and her seven sisters, will please the critical buyers and the men who like the prolific sort, the kind that pay the rent. They were got by Mo. Chief, he by Corrector 2d, and were out of a daughter of Prince Dandy. Maud is bred to Queen's Advance, the others to Buddy O. 2d. Two gilts by the same sire will be found attractive. Helena 8th, a proven sow that was by Oom Paul and out of a daughter of Gold Finch, will be found a sow fit to go into any herd. She is safe in pig to Belle's Chief. Two of her spring gilts got by Bowman's Top Notcher, the sire of so much of Mr. F. L. Bowman's show stuff, will be found good gilts to take home. There are four other gilts in the sale that were got by Goldie's Top Notcher that should please the critical buyers. One by Nelson's Model,

the first-prize boar pig at the Nebraska State Fair in 1903, is cataloged. She is bred to Belle's Chief. Messrs. Maupin & Applegate have cataloged hogs that they know will do well in the hands of their future owners and they invite all who can to spend the day with them at Shelbyna, Mo. They sell in town in comfortable quarters and as Shelbyna is on the main line of the C., B. & Q., everybody can get out either east or west immediately after the sale. Colonels Reppert and McCowan will conduct the sale and all bids to them will be treated honorably. See this page for their advertising and write today for a catalog.

**Stallions at Auction.**

We want to especially call the attention of our readers to Watson, Woods Bros. & Kelly Co.'s annual sale of imported stallions. This firm inaugurated the selling of strictly first-class imported stallions at auction one year ago. While the prices realized at that time only averaged \$1,150, still the firm were satisfied and believed that a little education would convince the people that this was the way to buy them and that in the future where sales were conducted, as their sale was conducted last year, strictly on the square, the prices would be a little bit stronger for a good horse. They are offering this year on February 26th and 27th, sixty head, comprising thirty-five Percherons, twenty English Shires, five Royal Belgians and one Oldenburg coach stallion. The Percherons all run black but six. There are five yearlings, fifteen two-year-olds, and the balance three and four-year-olds. From a personal inspection of these horses we are free to say that they are certainly a very superior lot. They have many coming three-year-olds that will walk on the scales today in ordinary flesh and weigh from 1,800 to 1,900 pounds. They have one four-year-old that will weigh 2,200 pounds and quite a number of strong ton horses. This is equally true of the Shires, and also the Belgians. In fact, we think there is no question but what this will be the grandest offering of imported stallions ever put under the hammer in the United States. It will be well for those contemplating purchasing a stallion to remember the date, February 26th and 27th, and be on hand. The sale will be held in the new live stock pavilion at the state fair grounds, which will be nicely heated. Cars will run from Lincoln to the fair grounds on both days. If you will write to the Watson, Woods Bros. & Kelly Co., of Lincoln, Neb., they will send you their beautifully-illustrated catalog, showing the pictures of nearly half the horses to be sold. They will also offer at the same time four imported mares, three of them with filly colts at foot, and one pair of home-bred mares. Two of these imported mares weigh a ton and over today. The other two are a matched pair of blacks, weighing 3,600 pounds. All four of them are heavy in foal to a good strong, ton stallion. This will be a great opportunity to buy good mares at reasonable prices. There being so few in the sale, it will not attract a large mare crowd and those who come will certainly derive the benefit. See advertisement on page 46.



# GRAND CENTRAL IOWA DUROC JERSEY SALE CIRCUIT

## FIVE DAYS' SALES---FEB. 4TH TO 8TH INCLUSIVE.

200

### The Best Work of Six Noted Iowa Breeders

DAUGHTERS AND GRANDDAUGHTERS OF PRIZE WINNERS--REPRESENTATIVES OF CHOICE STRAINS. BIDS WILL BE CARED FOR BY C. E. LUTHER OR L. E. TROEGER OF THIS PAPER, TO BE SENT IN CARE OF THE RESPECTIVE CONSIGNOR.

200

#### FEBRUARY 4, 1907, ROY WEST, - BONDURANT, IOWA

Will sell forty head of tried sows, yearlings and gilts from the Polk county herd, two miles from town. There are nine daughters of Matchless Challenger 37301, five daughters of Col. Newburn, four by King Perfection, a son of Banker Boy II.; four daughters of Young Advance 44315, a good son of Proud Advance, and five of Onward 36683, by Long John Son 26501. Others are sired by two noted sons of Old Orion, namely Manly Orion 30925, and Proud Orion 31337. Also by Billy K. 20373, Tientsin 17261 and others. The sows are bred to the herd boar, Goldie O.'s Top Notcher 52647, a son of the St. Louis Champion. The gilts are bred to Kan't Be Beat I Know 52645, by Kan't Be Beat and Orion Chief I Am 52125, by "Old Orion." Here is some of the best blood of the breed. It will be in fine condition sale day. Write for catalog at once. Col. C. E. Luther, Auct.

#### FEBRUARY 6, 1907, W. E. Bennethum, Madrid, Boone Co.

Sells FORTY HEAD of bred sows and gilts that are O. K. in every respect. The seventeen head of tried sows will include such attractions as Miss Advance 126766 and May Advance 136992, litter sisters as good as any sired by Proud Advance. Another is Miss Rose 93806 by Billy K. This sow won second at Des Moines in 1904, second in young herd and third in get of sire. She has a show gilt in sale, and is bred to Keep On 3d. Belle 94612 is one of the good ones and a great producer, sired by the sweepstakes Des Moines Fair hog, Gold Dust Jim. There will be others as good, besides seven fall yearlings, all large and growthy and bred to Keep On 3d for early litters. The twenty-three head of gilts are as even a bunch as will be seen at any sale this year. They are from early litters, and for size and quality are hard to beat. Three are sired by Advancer 28773 out of a Top Notcher Chief sow. Others by Keep On 3d, Buddle R. 104778 and Malcolm's Model II. 42735. Many are bred to Ohio. What do you think of such a collection, combining breeding with high merit? Sale in heated building. Come to Cedar Lawn Farm and get your eye full of good hogs. Send for catalog at once. C. E. Luther, Auct.

#### FEBRUARY 5, 1907, SAM. SUNDBURG AND O. A. OLSON, MADRID, BOONE COUNTY

Offer, at the farm of the former two miles north of town, forty head, consisting of ten yearlings and tried sows which have proved first-class producers and are sired by Madrid Perfection 30223, Nash's Model 21395, Perfect Sunshine 38483, Red Dick 53243, King Perfection and Eclipse. These sows are bred to Gold Dust Pete 45323, a grandson of Hugh Tucker 8963, also to Golden Model 53675, and Advancer Boy 53869, a grandson of Advance. There will be thirty gilts of choice breeding, some of early litters, and sired by Duroc Wonder 32009, by Crimson Wonder 26355; also by Madrid Perfection, Gold Dust Pete and two good sons of Proud Advance. The gilts are mated to Advancer Boy 53869, a heavy-boned, smooth-bodied son of Advance; also to Ohio 56105, a son of Ohio Chief, and to Golden Model by Golden Hero 12505 (a.) Prolificacy and scale with plenty of quality are well represented in this offering. Kindly mention The Homestead when sending for catalog. A good dinner on the side. C. E. Luther, Auct.

#### FEBRUARY 7, 1907, A. T. SUNDELL, PATON, GREENE CO.

Will offer at his farm six miles east of town forty head of bred sows, yearlings and gilts. Some of the best sows are Miss Ruth, sired by Tientsin 17261, a sire of prize winners. Another is Malinda Lady by Lord Roberts 17329 and a granddaughter of Ohio Annie IV. Also Ellen V. 122940 by the same sire and out of Ellen Roberts 22460. The sows are bred to the several sires, Lord Roberts, King West 26163, Admiral 43273, Sundell's Advance, and Sundell's King. Of the twenty-eight gilts, there are seven sisters sired by Scratch 26159 and others related to him. Most of this breeding is mated with Sundell's Advance. Others are by Sundell's Choice, Jerrie Roberts and others. Part are bred to Sundell's Top Notcher and Sundell's King. The individuality here is as good as the breeding. A good chance to select some show stock as well as good valuable producers. Drop a postal for catalog. The best treatment assured. C. E. Luther, Auct.

#### February 8, 1907, E. R. Wood, Jefferson, Greene Co.

Forty head, including sixteen aged sows and yearlings and twenty-four gilts. The blood of Proud Advance, Orion, Crimson Wonder I Am, Jumbo Red, Corn Cracker, Top Notcher Chief, Perfect Chief, Top Notcher R., American Royal, Cantine Boy, Linwood Cashier and others. Sale to be held in heated tent on farm six miles northwest of Jefferson. Some of the sow attractions are: Lady Top Notcher, a splendid individual as a producer, and is a hundred dollar sow, sired by Top Notcher Chief 29247; another is Linwood Cashier, a four-year-old; also two two-year-olds by Long Enough 25579, two by Bristol Jumbo 33095, and one by Radiator 28866, tracing to Corn Cracker 14205. The sows are bred to Clovercroft Orion 37515, a son of old Orion out of Peerless Beauty 71360. The gilts are a nice growthy lot with plenty of size and are sired by Otto 17321, Top Notcher R. 40457, and Clovercroft Orion. The gilts are mated principally with Crimson Wonder You are. All parties will stop at Jefferson, where conveyances will take them to the farm. There should be something here to please everyone. Kindly mention The Homestead when writing for catalog, and be sure to attend. C. E. Luther, Auct.



# Two Grand Sales

**70 HEAD DUROC JERSEY BRED SOWS**  
**MAXWELL, STORY COUNTY, IOWA** **70**

**Friday, February 8, 1907**

On my farm seven miles south of Maxwell and one-half mile from Farrar, I will sell THIRTY-FIVE HEAD choice sows and gilts. Offering will contain two aged sows sired by Carlin 14037, a hog bred by Mr. N. P. Clarke. They have regularly produced large litters and are safe in pig to Perfection King 41711. There will be eight fall yearlings sired by Reed's Cashier 25675, a grandson of Advance, and also by Gold Standard 33231. This part of the offering is bred to Perfection King, one of the well-bred red boars of the day, and a very prepotent sire. The twenty-six head of gilts are sired by Perf. King, Manly Orion and Long Tom. As smooth and growthy a bunch as you will find this spring. Bred to grandsons of Crimson Wonder. A choice collection bred right and fed right. Send for catalog.

**O. Osborn, Prop.**

**Saturday, Feb. 9, 1907**

At Shyrock's sale pavilion in Maxwell on the above date I will offer at my third annual sale THIRTY-FIVE HEAD, consisting of mature sows and yearlings which represent the blood of Orion, Duroc Challenger, Proud Advance, Billy K., Top Notcher and others. Many of these I reluctantly put in the sale. You will find every one of them O. K. They have demonstrated their ability to produce prize winners by the ribbons their progeny have taken. Among the gilts are many of their produce sired by Malcolm's Model II., Manly Orion, the sire noted for bone, build and prepotency, also by Keep On 2d and 3d. My gilts are well grown and in prime condition. I have mated the individuals in the offering with Malcolm's Model and Tom Wonder 51699, a son of Crimson Wonder Again, the champion. Be with us and we will return the favor. Catalogs now ready for mailing.

**W. J. HARTUNG**

COL. F. LUTHER CONDUCTS BOTH SALES and will give bids sent him in care of consignor the best attention. Mention The Homestead when sending for catalog.

## THE GREATEST SALE OF DUROC JERSEY PRIZE WINNING SOWS

EVER MADE AT

**Kingsley, Ia., February 7, 1907**

Winnings of 1906 in the strongest hog shows in the world, at Iowa, Minnesota and Interstate Fairs: 3 champions, 6 firsts, 5 seconds and three thirds, all to be sold, besides the rest of our show herd.

*Royal Blossom 5th*, champion sow 1906, sweepstakes sow at Iowa, Minnesota and Interstate Fairs.

*Proud Maid* by Proud Advance, out of the champion sow, Royal Blossom 5th. American Lady, first at Minnesota and first at Interstate Fairs.

*Kruger Maid 2d* by Orion, out of the great sow, Kruger Maid, second-prize gilt Iowa State Fair 1906.

*Belle Johnson* by Advance, full sister to Proud Advance.

*Belle Royal* by American Royal, first in aged herd Minnesota State Fair 1906. *Shadeland Belle* by Red Chief I Am, half-sister to Nebraska Belle.

*Lady Roberts* by the great sire, Orion, and a grand lot of other show and breeding sows.

A better lot and a more useful lot have never been offered from the Shadeland herd. It contains show material and prize winners and the get of prize winners.

Write at once for catalog, mentioning The Homestead.

**Edmonds, Shade & Co.**

**Col. Luther, Auctioneer**

**Kingsley, Iowa**

**E. Z. Russell**, Ex-President of the National Duroc Jersey Breeders Association, will represent The Homestead at this sale and will attend to any bids sent in his care.

## Dorr's Great Poland China Brood Sow Sale

**63  
HEAD**

The Cream of the Herd Will be  
Sold in my Sale at my Farm Near  
**REMSEN, IOWA,**  
February 5, 1907.

**63  
HEAD**

Sired by Meddler, the great champion boar at St. Louis; Mischief Maker, an Iowa and Illinois State Fair Winner; Columbia Chief, an Iowa and Nebraska State Fair winner; Tecumseh Keep On, and the great boar, Dorr's Tecumseh. The aged sows and fall gilts are bred to Dorr's Tecumseh, the gilts to Hands Down, my new herd boar. I have bred for bone, size and finish, and I have got what I am advertising. I will show you as growthy a bunch of gilts as you have seen this year, and I don't care where you have been. My offering from beginning to end is high class and I invite all to be with me on sale day. Write for catalog at once. Address,

**HENRY DORR,**

**REMSEN, IOWA**

COLS. F. M. WOODS, BENSON and LYLE, Auctioneers.

## CLOSING OUT SALE OF HEREFORD CATTLE AND CHESTER WHITE SWINE

**Auburn, Ia., Saturday, Feb. 9, 1907**

**37 HEAD 29 Cows and Heifers 8 Bulls.**

Including my herd bull, DALE LAD 35TH 158312, a grandson of old Dale and Star Grove 15th, together with a lot of his get. All the young bulls except one will be sired by him, and the most of the young heifers. The blood of old ANCIENT BRITON, ANXIETY 4TH, THE GROVE 3D, COLUMBUS and LORD WILTON predominates in my herd, and I believe I am offering as good a bunch of cows and heifers as has ever been sold of late years. Ella Briton, a daughter of Ancient Briton, out of a Cherry Boy cow, goes in, also a grand lot of Masher and Jumbo cows in my sale. The most of the cows will weigh from 1,300 to 1,800 pounds, and are good breeders. For the size of my herd no man has a better one. There are some particularly choice heifers in my sale.

CHESTER WHITES—I will also close out all my Chester Whites, including my splendid herd boar, Duke of Headlight 15866. Will also sell my horses, fancy poultry and farm machinery. Write at once for catalog. Address,

**COL. C. M. JONES W. H. Leslie, Auburn, Ia.**  
Auctioneer

## GREAT OFFERING OF POLAND CHINA BROOD SOWS LeMars, Ia., February 8, 1907

We will sell fifty head—ten head of matured sows, fifteen fall gilts and twenty-five head spring gilts. These are daughters of such noted boars as

Corrector 2d (the sire of Louis of Oakwood, that sold for \$2,000 a short time ago), Matchless Perfection by Chief Perfection 2d, and Matchless Perfection Jr. (the sweepstakes boar at the interstate fair, 1905-6, and first-prize boar at Minnesota State Fair, 1906; he also sired more first-prize boars at the interstate fair than all other boars combined), Meddler Boy by the champion Meddler, On Parade by the champion On and On, Pilate's Chief, Dewey Corwin and Correct I Know. These sows are bred to Matchless Perfection, Matchless Perfection Jr., Meddler 2d, On Parade and Correct I know. This bunch of sows is as good as we have ever sold. The mature sows are large and useful, and the gilts are large and roomy, and are all safe in pig. Catalog is ready and will be sent on application. Address



Col. J. A. Benson, Auctioneer. HENRY BROS., LeMars, Ia.  
BOX 1102. TELEPHONE TO FARM

## 40 HIGH-CLASS Poland China Brood Sows 40

To be Sold at the New Sale Pavilion

**Defiance, Iowa, Saturday, Feb. 9, 1907.**

We are selling two daughters of the World's Fair Champion, Meddler, bred to our great young boar Perfection L. & W. Also a daughter of Grand Chief Tecumseh 2d, bred to Impudence 3d, the greatest son of the Iowa sweepstakes boar, Impudence. Also selling daughters of Dakota Chief 2d, Happy Medium, Improver, and other good boars. If you want a sow bred to the greatest young boar in the West, Impudence 3d, or Perfection L. & W., then come to our sale. Write us at once for catalog. Address,

**WM. RAY & SON,**

**DEFIANCE, IOWA**

COL. H. S. DUNCAN, Auctioneer.

## Hess & Sons' Public Sale of Short-Horn Cattle To be Held at Surprise, Neb., February 12, 1907.

**40 HEAD** Of Grandly Bred Cows and Heifers. **40 HEAD**  
Some Extra Good Young Bulls.

THE above breeders are selling some of their best cattle. Among them are several strong, vigorous yearlings of out-standing merit; quite a number of them are straight Scotch animals. Catalog now ready.

**H. H. HESS & SONS,**

**SURPRISE, NEB.**

Col. Geo. Bellows, Auctioneer.

### HEREFORD CATTLE.

#### Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

**H. C. CUNNINGHAM, WESTON, MO.**

#### 40 Choice Hereford Bulls 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.

**EDMONDS, SHADE & CO., Kingsley, Iowa**

#### BEAU BRUMMEL

4TH 194318, First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. **G. W. Way & Son, New Sharps, Ia.**

#### HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

**E. H. DANCER, Lamoni, Iowa**

REGISTERED HEREFORD CATTLE—A few choice bulls for sale cheap. John Thornton, Colo. Iowa.

### HEREFORD CATTLE.

#### HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

**Z. T. KINSELL, Mt. Ayr, Ia.**

#### WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, **J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.**

#### Table Backed Herefords

For Sale Cheap to Quick Buyers. 40 BULLS from 10 to 28 months old. 50 heifers, bred, average two years old. Prices low, try me. **W. W. WHEELER, Box H, Harlan, Iowa**



## HEREFORD CATTLE.

.....9 CHOICE YEARLING HEREFORD BULLS 9.....  
FOR SALE.

I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 4th 121465 and out of cows of the richest Hereford breeding known to the breed, such as Anxlety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address.

JOHN SECOR, - Mechanicsville Iowa

## HEREFORDS.

TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.

A. R. CAMPBELL, Independence, Iowa.

## COLUMBUS

55-134103

For sale Hereford sire Columbus 51875, 5 years old, weight, 2200 lbs, bred by Benton Gabbert, Dearborn, Mo. David Hood & Son, R. 4., Perry, Iowa.

## CHESTER WHITE HOGS.

Modeler 13235 and W. F.'s Model 12101

AT HEAD OF

MODEL HERD

CHESTER WHITES.

to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am looking orders to be bred and

shipped when wanted. Also a few choice White Ply. Rock cks. W. F. Hemmerting, Dike, Grundy Co., Ia.

Modeler 13235, winner of breeders' Champion at Iowa State Fair, first in class at Iowa, Minn., Wis., Ky. and Ill. State fairs 1906. W. F.'s Model 12101, winner of second place Iowa State Fair 1906. For sale, 30 strictly choice gilts and yearlings sired by W. F.'s Model 12101 and All Right 11789, bred to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am looking orders to be bred and shipped when wanted. Also a few choice White Ply. Rock cks. W. F. Hemmerting, Dike, Grundy Co., Ia.

## SOLD OUT BUT STILL IN THE BUSINESS

Of breeding Chester White hogs. Our best large matured sows will farrow in Mar. and am looking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## CHOICE CHESTER WHITE SOWS &amp; GILTS

THE kind that sell, the kind that win. Bred to the most noted boars living, such as Captain 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection solicited. 1 mile west of Kirkman, Ia. H. & A. phone 628G. I handle the best; ship no inferior stock. Address or call on J. L. BARBER, R. R. 3, HARLAN, IOWA.

## Mt. Ayr Herd Of Chester Whites

WE have a choice lot of heavy boned, large gilts. April farrow, will weigh 250 to 275 pounds, for sale. Sired by His Majesty 13923, and are safe in pig, bred to Capt. 2d 18169, he by Enterprise 11545. Capt. 2d is a heavy boned hog, a splendid animal, weighs 600 pounds. Gilts are good ones; good on their feet. Will ship subject to inspection. Correspondence solicited. W. H. SWAN, 910 Spruce St., Atlantic, Iowa

## MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

## 50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head of Improved Chester White Swine. At Geneseo, Illinois, February 2, 1907.

These sows are bred to state fair winners. Send for catalogs. Address R. F. D. No. 6, D. H. LEWIS, GENESEO, ILLINOIS

O. I. C. STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keler and Perfection. FISHER LIVE STOCK CO., P. O. BOX 2, HASTINGS, NEB.

HUMBERT & WHITE'S  
"Combination" Chester Whites

THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner, Combination. Write us for a Combination pig and get the quality that wins. Address,

F. D. HUMBERT, F. P. WHITE,  
Nashua, Iowa. New Hampton, Iowa.

Rockford Herd Chester Whites and O. I. C.'s  
A CHOICE lot of March pigs for sale ready to ship out. Several of them show hogs and from prize winning strains. If you are in need of a good pig or herd header, call or write for description and prices. JNO. CRAMER, BEATRICE, NEB.

Chester White Spring Pigs All Sold.  
GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

PUBLIC SALE OF  
Short-Horn Cattle and Chester White Bred Sows  
FEBRUARY 21, 1907.

J. LEFEBURE, Fairfax, Iowa  
Eight miles west of Cedar Rapids.

Chester Whites.  
Farmers' Prices.

I HAVE 20 well bred April hogs and about 50 bred hogs and gilts for sale at farmers' prices.  
S. J. PHILLSON, Harlan, Iowa.

## Chester White Hogs

30 smooth, well quartered, strong boned young sows, bred to high class matured and boars for late March and April farrow for sale. Write  
W. W. VAUGHN, MARION, IOWA.

## White Oak Herd of Recorded Chester Whites

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, phone or come and see them.  
J. W. TROY & BROS., Iowa  
Rose Hill, Mahaska Co.,

## Pleasant Grove Herd Chester Whites

BOARS all sold. Have to offer 25 bred gilts which are bred to my famous boar, White Lender 16513. Greatly reduced prices until February 10th. Write me your wants. Address,  
J. M. JANSSEN, R. R. 3, P. O. Box 627, Sibley, Iowa

## IMPROVED CHESTER WHITE GILTS

OF MARCH and April farrow, extra good ones. Prices very low. Also yearling and two-year-old sows; gilts and sows safe in pig.  
E. J. TRUMBAUER, Patterson, Iowa

OHIO Improved Chester Whites, Sept., March, April and May hogs and gilts, large kind, stock raised. Farmers' prices. -Fred Ruebush, Sciota, Ill.

T. A. STEVENSON,  
Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4955, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. HANKINS, Sciota, Illinois.

A FEW good O. I. C. gilts, safe in pig, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. SCARF, Salem, Iowa.

## ABERDEEN ANGUS CATTLE.

ABERDEEN ANGUS & POLANDS  
FOR SALE.

I HAVE some good Aberdeen Angus males and females for sale of the following families: Prides, Ericks, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Polands, all tracing directly to Chief Perfection 2d.

C. H. SEIBEL, PATON, IOWA.

## Allendale Doddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. No. 1. ALLEN BROS., NEW SHARON, IOWA.

WHO WANTS REGISTERED  
ANGUS CATTLE  
Of Excellent Breeding and  
Quality by Car Loads?

FARM sold and cattle must go before March. Western cattlemen, here is your chance to buy registered Angus cattle for less than they are worth. Breeding cows, heifers and young bulls. Address,  
LOOMIS FARM, Tiffin, Ohio

THE WHEATLEY & WARD  
...HERD...

OF Aberdeen Angus, 175 head in herd—Herd bulls, Maple Hurst Proteros 47351, Male Lad 2d and Gardner's Pearl Roseguy 52637. Females represent Queen Mothers, Prides, Heather Bells, Ericks, Easter Tullochs, etc. 16 bulls for sale ranking in age from 18 to 24 months. The herd heading sort. Inspection of herd invited. Address,  
WHEATLEY & WARD, King City, Missouri.

## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird, Lad, Houedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PLEASANT GROVE STOCK FARM

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21830 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. R.

## Pleasant Hill Angus

SPECIAL prices for 30 days on 10 bulls, 20 cows and 5 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. NISSEN, Meservey, Cerro Gordo Co. Iowa

## 7 ANGUS BULLS 7

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duchess, 1 Heatherbloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, Kirkman, Iowa

## 10 Aberdeen Angus

## BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rotheim Queens, etc. Address,

John E. Griffith, WASHINGTON, IOWA.  
(Mention Homestead.)

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Address,  
JAMES WILSON & SON, AVOCA, IOWA

## JERSEY CATTLE.

JERSEY  
CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH, BEATRICE, NEB.

## POLAND CHINA HOGS.

## 50 BIG POLAND CHINA SOWS

## AT PRIVATE SALE

Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.



GAY MONARCH, The 1,000 lb. Boar.

SOME CRACKING good full yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

E. F. ESCHER, Manning, Iowa

GAY PERFECTION 2D.  
SOWS BRED FOR SALE.

20 GAY Perfection 2d Poland China Gilts bred to Sultan (a son of Thickset). 3 gilts by Radium, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.

## JOE STEWARD,

AMES, IOWA.

**WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.**

100 FALL and summer pigs, three to seven months old. 54 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G's Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 17062. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

## 45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35927, R's Perfection 39012 out of Nemo L's Dude, Techniseh and Perfection sows. Write us. We can suit you. Address,  
WM. RAY & SON, DEFIANCE, IOWA.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10x-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

GROWTHY POLAND CHINA GILTS  
BRED to first-class herd boars for March, April and May litters. Parents big-boned, mature stock of best breeding. Gilts 200 to 240 pounds, \$20 and up. Short-horn and Polled Durham cattle, all sizes at attractive prices. Address,  
P. S. & S. BARR, Box 11, R. 4, Davenport, Ia.

HOMESTEAD HERD OF POLAND CHINAS.  
GOOD, strong fall yearling and spring gilts by such noted sires as Keep On 2d, Contractor, Come On, Monnier's Perf. and others. Can breed them to a Chief Perf. 2d boar out of a Keep On dam. Write for prices and description.  
J. H. HARKER, Mazon, Ill.

25 BRED SOWS.  
DUE to farrow in March and April. Sired by Michael Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.  
M. G. Arnold, Strawberry Point, Iowa

Prairie View Herd Poland Chinas  
10 GROWTHY, heavy-boned gilts and yearlings, bred for March and April farrow. Satisfaction guaranteed. Long distance phone. Can ship over Ill. Central, C. M. & St. P. or C. R. I. & P.  
J. D. Vorhees, It. 5, Charles City, Iowa

10 GOOD FALL BOARS  
I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,  
GEO. E. PATCH, Blandinsville, Illinois.



## POLAND CHINA HOGS.

## 50 Poland China

## BRED SOWS.

## Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, Lanark, Ill.  
On C. & St. P. R. R., 120 miles west of Chicago.  
20 miles east of the river.

## Willowdale Herd.

## Fancy Poland Chinas.

## Young Stuff of Both Sexes For Sale.

ALL sows old enough to breed reserved for public sale February 13, 1907. Send for catalog. Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,  
Maynard, - Iowa

POLAND CHINA SOWS—Sired by Waggoner's Giant 102973, a 900-lb. hog, with 10½-inch bone and bred to Corrector 3d 119423, he got by the World's Fair winner Corrector 2d 87899. These are good, roomy sows, good length of bone and well quartered, with good coats. They will be priced right. J. F. Waggoner, Rural Route 2, Olin, Iowa.

## FOR SALE.

## Bred Poland China Sows

IN ages from gilts to two years old, of good size and quality and priced to sell.

E. O. WOLCOTT, Gilmore City, Iowa

POLAND CHINA fall and spring gilts, bred to farrow in Mar. and Apr. to L. S. Sushine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Latham, Battle Creek, Iowa.

POLAND CHINA SOWS. Sired by H. S. T. C.'s U. S. 55611 and 800 lb. hog in show shape and bred to an extra fine boar for April and May farrow. They have good quarters, length and bone, nice head and ears, smooth coats of good color; right up on toes. The making of extra choice brood sows. Priced cheap to move them. J. B. McAllister, Palo, Iowa

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central City, Lincoln county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chockly bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa, Route No. 3. Phone 1208.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

OTHO BOYD, Virginia, Neb.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrothberger, New Lenox, Ill., or Gardner, Ill.

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA, C. M. & St. P. and C. R. I. & P. Rys.

## SHORT-HORN CATTLE.

## 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

## Imp. Fashion Favorite 149580

## FOR SALE.

Also a few very choice young Scotch Bulls. Address J. D. McDERMOTT, - Wiotia, Ia.

BEAVER CREEK SHORT-HORNS. SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address, N. A. LIND, - Rolfe, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordon & Dunn, Central City, Ia. Maine Valley Stock Farm.

## SHORT-HORN CATTLE.

## NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead. NEW SHARON, IOWA.

## NOVINGER &amp; SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirksville, - Missouri.

## CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## EVERGREEN STOCK FARM SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,  
Vinton, Benton Co., - Iowa

## BLUFFVIEW SHORT-HORNS

A FINE BRAWLWITH BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

## SCOTCH BULLS

Got by  
IMP. MUTINEER 172547.

MUTINEER is of Marr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, - Unionville, Mo.

## HUGHESDALE REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.  
6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Mouey Musk), that I think is the best bull I ever bred.

JONES CO. HERD OF Short-Horn Cattle {Sittytown Sort 173649  
Wampan of Wayside 243046

WE have one red roan bull, two years old in Jan. for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

Fine Grove Short-horn Cattle. SCOTCH Herd bulls, good young breeding cows, heifers and calves. Everything goes at a bargain. Choice bred P. C. gilts for Mar. and Apr. farrow. R. C. B. Leghorns \$1. Interstate phone. Fred Ebendorf, Strawberry Point, Iowa.

FOR SALE—Eight young bulls, Scotch and Scotch-topped from 8 to 18 mos. old and from such families as Imp. Generosity, Rosemary, Crocus, Strawberry and Charlotte, got by the Cruickshank Victoria bull, Craven Archer 174012; also a few cows and heifers. Come and see cattle or write. A. A. Rogers, Inwood, Lyon Co., Iowa. Yards 9 blks. from depot.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class C and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

## 10 Red Short-Horn Bulls For Sale



12 TO 17 MONTHS OLD.  
Sired by Victoria's President 208996.  
McKEEVER BROS., - Farley, Iowa.

## SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN,  
COLO - IOWA

## Malaka Short-horn Bulls.

FOR Sale, 11 good Scotch and Scotch topped bulls from 11 to 20 months old. All reds. Prices right; bulls are right and I will treat buyers right.

H. D. PARSONS.

NEWTON and BAXTER, IOWA

## W. A. FORSYTHE GREENWOOD, MO.

## Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

## Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEENSBURG, - ILL.

## WILDWOOD SHORT-HORNS

## ALL REDS AND DEHORND.

15 SMOOTH, low down, thick-necked Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,

W. W. VAUGHN, - Marion, Iowa

## FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259037, a straight Cruickshank, Brawlwith Bud, two year old bull for exchange, he by Lavender Royal 135266.

M. D. YARD, CRAWFORDSVILLE, IA.

## PUBLIC SALE OF

## Short-Horn Cattle and Chester White Bred Sows

FEBRUARY 21, 1907.

J. LEFEBURE, - Fairfax, Iowa

Eight miles west of Cedar Rapids.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 8 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, Alburnett, Iowa

Otter Creek Stock Farm.

## CHOICE SHORT-HORN CATTLE

## FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Barou.

Address, J. H. MOYER, - Newton, Iowa

## COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charming. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp.

A. J. GRAVES & SON, Ames, Iowa

## WILLIAM REED

## PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## PLAIN VIEW STOCK FARM.

## SHORT-HORN CATTLE AND DUROC JERSEY

HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

## SHORT-HORN CATTLE.

## OWENS BROTHERS

## HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd headed by a specialty. Baron Kear 2d, heads the herd of 230 head. We have Brawlwith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

## 9 Short-horn BULLS FOR SALE

AT Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, - BELMOND, IA.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawlwith Buds, five Victorias, five Duchess of Glosters, four Secrets (and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR & SON,  
Davenport, - Iowa.

## CATALOG

## Of Young Bulls For Sale

Will be ready about January 20, 1907.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, - Iowa

## BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or LISCOMB, IOWA.

## DUROC JERSEY HOGS.

## RED OAK HERD

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 48087, a son of Kant Be Beat. They are safe and ready to ship. They are sired by Top Notcher's Model 37663. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern. J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

## Setting Sun Herd of Duroc Jerseys.

EXTRA big boars at living prices. Rhode Island Red Cockerels at \$1 each.

I. C. Welch, - Bedford, Iowa.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

CHOICE Duroc Jersey gilts bred to Sambo 52791, a grandson of Tip Top Notcher, the \$5,000 prize boar. Prices reasonable. Frank Warway, Mt. Pleasant, Iowa. R. R. No. 8.

## MIDLAND DUROCS

15 spring boars, one 3-year-old boar, 3 aged sows, 12 gilts for sale. Prices low. S. J. Butts, Mason City, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

## DUROC Jerseys that weigh 175 to 200 lbs. Boars

and gilts. Prices low, quality considered. Can ship from Iowa Falls. J. B. Enler & Son, Alden, Ia.

DUROC Jersey gilts bred for April farrow. Large, heavy boned. Price, \$25 to \$30 each. Good ones, world's champion blood. S. S. Krebill, Dounellson, Ia.

## CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Hameston, Iowa.

## BRED SOWS

Duroc Jersey sows and gilts, bred to farrow in February, March and April. Send for our catalog that gives pedigrees and particulars, and contains plans for hog houses, plans for dipping plants. Catalogue and booklet for 30 days for

attached card. The Roycroft Farms, Des Moines, Iowa. Please send me catalog of boars and sows, and booklet on breeding the best plan of hog houses, plans of dipping plants, and calendar showing period of gestation to farm animals.



DUROC JERSEY HOGS.

DUROC JERSEYS AT PRIVATE SALE.

HAVING decided not to hold a winter brood sow sale I now offer for sale a number of superior breeding, many of which will weigh 200 lbs. They are from the Crimmon Wonder, Gold Dust Jim and Proud Advance families. Also a few choice boars for sale. Two by Ohio Chief; one by Tientin, a half brother to the sow that took first in Junior yearling class at Iowa State Fair, 1906; one by Chief Perfection, out of Lady Orion by Orion, the best thing I have seen this year. Will weigh 280 lbs. Write or call on me.

O. L. MOSSMAN, POLK CITY, IOWA.

HANLEY BOARS

FOR SALE AT REASONABLE PRICES

WE have a number of boars sired by Tip Top Notcher and other noted boars at reasonable figures which are herd headers. Write at once if wanting a boar.

McNeil Bros. - Bowen, Illinois.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

GOLDEN DUROCS HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

Choice Duroc Gilts.

I AM offering a choice collection of Duroc gilts for private treaty. Some are by Roby's Crimmon 44081, by Crimmon Wonder I Am 34697, and are bred to Roby's Duke O, 44079, by Duke of Ohio and he by Old Kan't Be Beat 28067. Also a nice lot of choice ones bred to Roby's Crimmon. This will be the best chance you'll have to get some of this famous Crimmon Wonder I Am breeding at prices that will make you open your eyes wide, quality considered. Write me your wants, brother breeders.

W. E. ROBY, TRURO, IOWA.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Rood Bros., (Sowline Specialists), Lake Park, In.

A BETHLEHEM 28069 for sale. The best pig ever sired by Tip Top Notcher. He was 4th prize boar at Nebraska as well as 3rd prize sow at same show in 1905. "The best Tip Top Notcher pig I ever saw," it is J. Harding. "He should have borne blue ribbon," S. R. McKelvie. Twentieth Century Farmer. Price \$1,000. A. Wilson, Bethany, Neb.

AVERYDALE HERDS.

Duroc Boars, Short-Horn Bulls For Sale. Bred right, fed right, priced right.

A. M. AVERY & SONS, - Mason City, Iowa

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar. F. E. Garrett, - Lohrville, Iowa.

Bred Gilts and Sows at Reasonable Prices. I HAVE a very nice bunch of Duroc gilts to sell, bred to Chief Knight 32495, he by Red Knight, and dam Improver Jewel. Others to Imp. King 54117, he by Hamilton's Improver, and dam North Star. My yearling sows are bred to Ham's Challenger. F. A. Ham, - Saronville, Neb.

DUROC BRED SOW SALE, FEB. 13, 1907. HERD boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimmon I Am 43105, by Crimmon Wonder H. A.'s, Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address, H. A. SEXSMITH, GREENFIELD, IOWA.

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants. CHAS. SOBOTKA, - Cainesville, Mo.

JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc-Jersey sows for sale.

J. E. WEHR, - Portsmouth, Ia.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Brynn, R. R. 1., Neponset, Ill.

L. H. ROBERTS & SON, PATON, IA.

Choice Duroc Jerseys

FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

50 Duroc Jersey Sows. 3 Proud Advance Sows 4 Orion Sows Will be Sold in Our Sale at LYONS, NEB., February 27, 1907. Jno H. Tryon & Son, Lyons, Neb.

DUROC JERSEY HOGS.

POLK COUNTY HERD DUROC JERSEY SWINE

50 choice Gilts from the following strains: Proud Orion, Granddaughters of Proud Advance, Billi K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tiptop Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.

Grand Sow Sale February 4, 1907.

ROY WEST - - - - - BONDURANT IOWA.

FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc-Jersey boar, World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & McCABE, - Hersman, Brown Co., Ill. Brood Sow Sale, February 5, 1907.

LOW DOWN PRICES ON DUROC JERSEY BOARS

I AM now offering for sale 35 topmy spring boars, one September yearling that will weigh from 325 to 350 lbs., and some grand, good sprung yearlings. Good colors, plenty of length and lots of bone. Prices right for next 30 days. Address, HARMON GRUVER, - Brewster, Minn.

Twenty Head of Duroc Bred Sows for Sale

TWENTY head of sows bred for March and April farrow, of prize winning blood lines. Large and roomy, heavy boned sows with good color. These sows are bred to such boars as Proud Advance, sire of first prize gilt at Des Moines, 1906, and sire of second prize litter at same show, Clarendon's Model, first prize boar at Iowa, 1906, and to other good boars. Write for descriptions and prices. Address, JOHN WEIGHTON, - AUDUBON, IOWA

KENTUCKY'S NOTED DUROC HERD

COMMODORE 13381, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d. Brood sow sale, Louisville, Ky., February 22. Write for catalog at once.

Amos W. Harris & Sons, - Waverly, Ky.

CLOVER LEAF HERD OF DUROC JERSEY SWINE

BOARS all sold. A few choice gilts for sale sired by Pine 37903, winner of 2d in class at Minnesota State Fair 1905. They are bred to two No. 1 boars, one a son of Iowa Notcher, winner of 1st at Des Moines, Hamline and Sioux City, 1906. Write or come. Ship on C. G. W.

CLYDE H. SMITH, R. F. D. 1, Riceville, Mitchell Co., Iowa

CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead. U. G. DAVIDSON, - MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, - DECATUR, INDIANA.

The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo, } FEBRUARY 25, 1907. } Inspection invited. 125 pigs. Write us. } W. A. STAPLES & SONS, - - - - - GLIDDEN, IOWA.

IOWA BANNER HERD DUROC JERSEYS.

ESTABLISHED 1890. Bred sow sale February 22, 1907. Fall boars. Correspondence and inspection solicited. W. L. ADDY & SON, Parnell, Missouri.

DUROC JERSEY BROOD SOW SALE

I Will Sell 40 Head at Hubbard, Iowa, Feb. 12, 1907.

THEY are selected brood sows and gilts representing such great boars as Nother Boy, Eldora's King, Imperial, Hiram Chief, College Lad, Tientin and West Side, litter brother to Crimmon Wonder. They are bred to Imperial Indiana Chief, Advance If and Iowa Top, which are all good individuals. Write for catalog. Address, LESLIE SHELTON, - Hubbard, Iowa

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - - KENNARD, NEB.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23659, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHER & SON, - MACON, ILL.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimmon Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

Prize-Winning Durocs

I HAVE a few royally bred gilts that I will price right, if taken at once. They are good ones. Write me for particulars. E. K. YOUNG & SON, - Havelock, Neb.

Shamrock Herd Duroc Jerseys

Nothing for sale at present. All females held for brood sow sale FEBRUARY 21, 1907. Write for catalog. F. M. ERSCHEN, - Odell, Ill.

FOR SALE—Forty Duroc Jersey bred sows and gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free livery, Buckeye, Iowa, mail, Alden, Iowa. J. W. Briggs.

HILLSIDE HERD DUROC JERSEYS

Spring Boars and Bred Gilts, \$15 and \$20. G. W. MEDLOCK, - Benson, Neb.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

THE Grindle Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kaloua, Iowa. Shipping point Iowa City.

J. C. PORTER, OGDEN, IOWA

Duroc Jersey Boars, Gilts and Tried Sows OF the prominent lines of blood and of good individual merit. I have a few young boars of May litters carrying the blood of Old Advance and Orion. They are in nice shape and will go at moderate prices. Also some gilts of March and February litters, bred to a very good grandson of Tip Top Notcher, the St. Louis champion. They will farrow in March and April. Also a few yearlings and tried sows that should prove a good investment. I feed with a view to prolificacy. Farm in edge of town. Call or write.

12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., - LYONS, NEB.

40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glendale Critic, 2d prize boar at Nebraska state fair, and Long Allx, litter brother to the sweepstakes sow Alix II. Good ones. AUSTIN RENSCHAW, - Blair, Neb.

Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair, '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

BOARS! BOARS!

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions. H. B. GRIFFITTS, - Bowen, Ill.

20 Choice Duroc Jersey Gilts 20

I AM offering a choice lot of bred gilts, weighing from 175 to 300 lbs., that I am pricing for from \$25 to \$50. ROY E. WEST, - Churdan, Iowa

BOARS ALL SOLD.

WRITE FOR CATALOG FOR BRED SOW SALE JAN. 31, 1907. NORRISH & BEVINGTON, - Kingsley, Iowa

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good. R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired. E. Z. RUSSELL, - BLAIR, NEB.

SHORT-HORN CATTLE-DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLSON, - SAC CITY, IOWA.

BERKSHIRE HOGS.

BERKSHIRE -BOARS-

FOR IMMEDIATE SERVICE.

I can please you in quality and price. Address, GEO. S. PRINE, Oskaloosa - Iowa

Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices. W. D. McTAVISH, - COGGOON, IOWA.

BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address, E. H. DANCER, - Lamoni, Iowa

BERKSHIRE BOARS.

A FEW choice bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs. SYLVANUS HAWORTH, - New Sharon, Iowa

LIVE STOCK AUCTIONEERS.

Col. Judd McGowan Clinton, Illinois.

Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

FRED REPPERT, DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430, residence, 312

Jones Nat'l School of AUCTIONEERING and ORATORY, 231 Ashland Blvd. Chicago, Ill. All branches. Special instructors. Term opens soon. Free Catalog. CAREY M. JONES, Pres.

GEO. P. BELL

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

J. P. SPEARMAN, PAPILLION, NEB.

LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

CAREY M. JONES, Live Stock Auctioneer

231 Ashland Blvd., - Chicago, Ill.

HARRY W. GRAHAM,

Live Stock Auctioneer and Pres. American Auction School Third Term Opens July 8, 1907. All Branches Auctioneering. CHILLICOTHE, - MISSOURI

F. H. JACKSON, Rutland, Ill.

LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

R. W. BARCLAY

Livestock Auctioneer, Mason City, Iowa.

A. V. LOCK, REMINGTON, INDIANA

Live Stock Artist. Work satisfactory. Prices reasonable.



## JACKS.

## FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



## BIG JACK AND HORSE SALE.

75 BIG registered Jacks, Jennets and registered trotting, saddle and harness horses. Closing out of the Johnson Co. Jack Farm, February 22, 1907, rain or shine, as have big tent.

Write for catalog.

C. A. Fewell, Leeton, Johnson Co., Missouri.



## KENTUCKY BRED

75 Kentucky Bred and Imported Jacks For Sale.

We have more good Jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

J. F. COOK & CO., Lexington, Kentucky.

Or Branch Barn, Newton, Kansas.



## HORSES.

## PETER HOPLEY &amp; SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## Registered Percheron Stallions For Sale

GOOD colors, large size, three and four-year-olds. Priced so they will pay for themselves the first season. Also several span high-grade Percheron and Shire mares in foal to registered horses, ages five to nine years old. Address, M. D. WOLCOTT, Gilmore City, Iowa.

## 21 IMPORTED STALLIONS 21

FOR SALE—I have recently landed from Belgium, (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and roans.

Address, E. H. KNICKERBOCKER, Fairfax, Iowa



## Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM, Letts, Iowa

## Percheron Registered Stallion.

FOR SALE—American bred, coming five years old. Coal black, 17½ hands and sound. If you want a stallion, come and see me or write.

CHAS. BOLAND, Route 3, Williamsburg, Iowa

## LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine. F. Rabeler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations, Oak Lodge (Miner) 6th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

## LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,

Box 2, Lake Park, Minn.

## POLLED DURHAM CATTLE.

## DOUBLE STANDARD

## Polled Durham Short-Horns

HELD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAWER & DEUKER,

Kalona and Wellman, Iowa.

## McLay Bros. Clydesdales

Janesville, Wis.

THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition for a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to

Send For New Catalog.

## 80 STALLIONS



THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

A. LATIMER WILSON, CRESTON, IOWA

## 5 Black Percheron Stallions 5 FOR SALE.

ALSO have a coking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,

J. S. GOLDER, Scribner, Neb.

## H. LEFEBURE'S Belgians

THE best and largest collection of Belgian Draft horses in America. Belgians exclusively. Fairfax is 8 mi. west of Cedar Rapids on 2 railroads and is the greatest Belgian horse market in America. Cedar Rapids and Ia. City elec. car passes near farm every 45 minutes.

H. LEFEBURE, FAIRFAX, LINN COUNTY, IOWA



SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA

## HORSES.

## Public Sale

The Largest Sale of Draft Stallions Ever Held in the West will be at Wichita, Kansas, Friday, February 22d, Starting at 8:30 A. M. Sharp

## 50 Head Percherons, Belgians, 50 Head Shires and Hackneys.

This sale will consist of some of the choicest stallions of our stud, both imported and American bred. As we won every prize in the stallion class at the great State Fair of Kansas, it gives the public the grandest opportunity to purchase a prize winner at their own prices.

## PRIZES WON IN 1906

Champion Percheron stallion at the Kansas State Fair.	First—Best five Percheron stallions, Kansas State Fair.
Champion Belgian stallion at the Kansas State Fair.	First—Best five Belgian stallions, Kansas State Fair.
Champion Shire stallion at the Illinois State Fair.	First—Best five Shire stallions, Illinois State Fair.
Champion Shire stallion at the American Royal, Kansas City.	First—Best five Shire stallions, International, Chicago.
Champion American-bred Percheron stallion at the American Royal.	Second—Best five Belgian stallions, International, Chicago.
Champion Shire stallion at International, Chicago.	Second—Best five Belgian stallions, Illinois State Fair.
Reserve champion Belgian stallion, International, Chicago.	Second—Best five Belgian stallions, American Royal, Kansas City.
First—Best five Shire stallions, American Royal, Kansas City.	Second—Best five Percheron stallions, American Royal, Kansas City.

His Majesty King Edward VII. of England and Lord Rothschild's exhibit of stallions were purchased by us at the Great International Exposition at Chicago, 1906. These Grand Stallions, Girtan Charmer and Premvictor, will be on exhibition at this sale. Do not fail to see the Highest Priced Draft Stallions ever imported to this country.

As we are now located at Wichita, we intend holding an annual sale in this city, this being our first. Our AIM is to surprise the PUBLIC with such Stallions as were never before placed at auction. All Stallions will be sold with our regular guarantee of 60 per cent and will be sold so that all payments will not become due until you have made two seasons and one collection from your HORSE.

This sale will not affect our business in any way, as we will have over 250 head left after the sale for our Spring trade, not including our New Importation which will arrive soon.

TERMS—Will be one year and six months from date with interest at 6 per cent from date, or six per cent discount for cash. All credit must be bankable. Send for catalog and calendar.

## Robt. Burgess &amp; Son, - Wenona, Ill.

## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

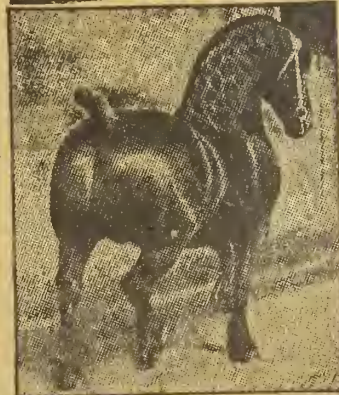
This individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best of the country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



## THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props. Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 champion-ships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equaled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

J. CROUCH & SON.

## Departments:

Sedalia, Mo. Nashville, Tenn. Seattle, Wash. Sacramento, Cal.

20 IMPORTED Percheron stallions arrived Jan. 4, 1907. Your choice, but one, for \$1,000. Also home-bred stallions. Frank L. Stream, Creston, Ia.

PERCHERON STALLIONS AND MARES FOR SALE. Blacks and grays. Nady Brothers, Fairfield, Iowa.

PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$800 each. Address, E. Fugler, Creston, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.



## HORSES.

# Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.  
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TRUMANS' Buy the right kind.  
TRUMANS' Always Imported them.  
TRUMANS' Now a Household Word.  
TRUMANS' Commenced with Prize Winners.  
TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
TRUMANS' With our Customers.  
TRUMANS' Treat you right.  
TRUMANS' Treat you white.  
TRUMANS' Came to stay.  
TRUMANS' Have stayed.  
TRUMANS' Horses admired by the crowd.  
TRUMANS' Always looked for at the Fairs.  
TRUMANS' Always something sensational.  
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.  
TRUMANS' Customers treated Honorably.  
TRUMANS' Customers stay with them.  
TRUMANS' Customers have confidence.  
TRUMANS' Customers not humbugged.  
TRUMANS' No loud childish talk.  
TRUMANS' No claiming what they haven't got.  
TRUMANS' Attend their own business.  
TRUMANS' Do honorable work in Show Rings.  
TRUMANS' Let the Public Judge.  
TRUMANS' Of their Exhibits.  
TRUMANS' Don't want dirty work.  
TRUMANS' Don't pay for it.  
TRUMANS' Won't have it.  
TRUMANS' Can do without it.  
TRUMANS' No shifty business.  
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

## TRUMANS' PIONEER STUD FARM

BUSHNELL, ILLINOIS.

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## CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

EASIEST TERMS.  
PROTECTION FOR TWO  
YEARS.  
MOST LIBERAL  
CONTRACTS ON EARTH  
A NEW PLAN



FINEST HORSES:  
BREEDING, SIZE, QUALITY,  
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GUARANTEED  
FOAL GETTERS.

Our Own New, Personally Selected, Direct Importation.

A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.



## ..Annual Public Sale..

60  
HEAD

IMPORTED STALLIONS  
EVERY ONE IMPORTED.

60  
HEAD

Watson, Woods Bros. & Kelly Co., of Lincoln, Nebraska, announce their Annual Public Sale will be held at the State Fair Grounds, Lincoln, Nebraska, Tuesday and Wednesday, February 26th and 27th.

..... 30 PERCHERONS---20 ENGLISH SHIRES---10 BELGIANS AND COACHERS .....  
Every one imported by our firm and every horse fully guaranteed. Also a few imported Percheron Mares. No other firm in America puts this class of stock under the auctioneer's hammer. No reserve, by-bid or protection, but an honest sale. Write for illustrated catalog.

WATSON, WOODS BROS. & KELLY CO., LINCOLN, NEBRASKA  
OFFICE LINCOLN HOTEL. PHONE AUTOMATIC NO. 1840.



## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.  
The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAYNERIER P. 35719 and F. D. 12810 now at head of the stud. Prices below competition.  
Barn at Moose Jaw, Sask., Can., in charge of E. R. Muxey.  
L. M. HARTLEY, SALEM, IOWA.

### Percheron Stallions For Sale.

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.  
G. C. HARRISON, Blencoe, Iowa

### PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

## HORSES.

# FRANK IAM'S

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 168 Percherons, Belgians and Coachers 168

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." ALL REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES;" they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 Insurance.



## \$1,000 SAVED AT IAM'S \$1,000

KEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$3,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "huts in," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA



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IMPORTERS AND BREEDERS OF  
PERCHERON, SHIRE, HACKNEY AND  
BELGIAN STALLIONS.

We are selling our Stallions direct from our barns and are selling better Horses at from \$700 to \$1,400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

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## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.

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## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blauze (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



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For \$200 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.  
H. E. PETERSON, LYONS, NEBRASKA



# NOTED OHIO DUROC SALE

## WILL BE HELD ON FEBRUARY 12-13-14-15, 1907

The greatest collection of Duroc Jersey brood sows that have ever been sold in Ohio. Daughters of World's Fair and State Fair winners, and bred to winners at leading shows.



The get of Top Notcher, Kruger, Ohio Chief, Orion Chief, Kant Be Beat, C. E.'s Col., S. S.'s Col., Puckett's Chief by Ohio Chief, Model Chief Again, Ira Wonder, King to Be, Advancer II, King of Cols., The Chief, Beat Him if You Can, and other noted sires of equal merit.



TUESDAY, FEB. 12, 1907.

### 55 HEAD OF ROYAL BREEDING 55

SALE IN DAYTON, OHIO.

WATT & FOUST,  
CEDARVILLE & XENIA, OHIO.

MAHAN BROS.,  
OSBORN, OHIO.

Show sows by Kan't Be Beat, Top Notcher, King to Be, Golden Rule, Veribest, Top Notcher's Last, and other famous sires. Show sows that have been winners at leading state fairs are bred to boars that have won at noted fairs. Our offering is made up of the tops of our herds, all of which have a national reputation. Parties from a distance will find free accommodations at Phillipp's Hotel, Dayton. Write for catalog at once, kindly mentioning The Homestead. Bids should be sent to Mr. Dante M. Pierce, Phillipp's Hotel, Dayton, Ohio, representing this paper, and same will be properly handled. Col. C. C. Keil and others, auctioneers.

THURSDAY, FEB. 14, 1907.

### 60 Whitehall Combination 60

#### BRED SOW SALE

At Yellow Springs, Ohio.

Consigned by Fred Bauer, Eastwood, Ohio; S. E. Morton, Camden, Ohio; C. E. Speaks, Yellow Springs, Ohio; Geo. D. Black, Yellow Springs, Ohio; E. S. Kelley, proprietor Whitehall Farm, Yellow Springs, Ohio; G. H. Fogg, Yellow Springs, Ohio. The blood of Ohio Chief, C. E.'s Col., King of Cols., Whitehall King, Whitehall Model, Fogg's Col., Chic's Chief, Ira Wonder, The Chief, Advancer II, Model Chief Again, Morton's King, Beat Him if You Can by Kan't Be Beat, and others. No better bred lot or more noted blood lines can be found in any offering than in this one. Write for catalog. Bids should be sent to Mr. Dante M. Pierce, at Yellow Springs, Ohio, in care of Whitehall Farm.

WEDNESDAY, FEB. 13, 1907.

### ORION CHIEF & KRUGER BRED SOW SALES

TIPPECANOE CITY, OHIO.

### 50 Head--20 Yearlings--30 Gilts

THE PROPERTY OF IRA JACKSON.

Twenty yearling and thirty gilts, many sired by Orion Chief, bred to Kruger. A number sired by Kruger, bred to Orion Chief. My winners at Iowa State Fair, 1906, and Illinois State Fair, 1906, were bred this way. At these two fairs I won more first prizes than any other breeder or exhibitor in 1906. My herd won more first prizes at the World's Fair in 1904, than any other breeder's. This is strictly a show-yard collection of useful sows, representing the blood lines of the noted prize winners of leading state fairs. Free hotel accommodations at Phillipp's House, Dayton. Send for a catalog, mentioning The Homestead. Send bids to Mr. Dante M. Pierce, in care of Mr. Ira Jackson, Tippecanoe City, Ohio. Col. C. C. Keil and others, auctioneers.

FRIDAY, FEB. 15, 1907.

### 50 TOPS OF TWO HERDS 50

#### AT AUCTION

At Yellow Springs, Ohio.

S. S. PUCKETT AND M. R. GRINNELL.

By such sires as S. S.'s Col., S. S. Success, Puckett's Chief of Ohio, C. E.'s Col., Beat Him if You Can, and others, bred to a grand collection of boars, the best breeding, including S. S. Success, S. S.'s Col., Puckett's Chief, The Model, Ideal Success and others. For catalogs address M. R. Grinnell, Yellow Springs, or S. S. Puckett, Lynchburg, Ohio. Sale follows Whitehall Combination Sale. Bids should be sent to Mr. Dante M. Pierce, care M. R. Grinnell. Cols. Iglehart, Isenhower and Vinnedge, auctioneers.

## EVERYONE WANTING THE BLOOD WHICH HAS PRODUCED

the winners at the World's Fair and leading State Fairs should get catalogs of the noted sales. All of them can be reached from Dayton at a very small expense. Ample accommodations for all. Send bids to Mr. D. M. Pierce, representing this paper, who will carefully handle all bids entrusted to his care.



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No, sir! I mean just what I say. My "KNODIG" Pitless Scale, with the Protected Bearings, is the best scale ever put on the market. I know all about it because I make the "Knodig," and I know it is good enough to put out on a genuine free basis.

I will send a set to you or any other honest man on 30 days' trial. You have nothing to pay me, no notes to sign, nothing to do but make a fair test of the "KNODIG," entirely at my risk. If it fails to satisfy you, return it at my expense, and I will pay freight both ways.

You can't afford to buy one of those inaccurate, cheaply constructed Pitless Scales which will do poor work and get out of whack in a month or two,—nor a high-priced, old style Pit Scale which runs up big repair bills and cannot be moved about on your place.

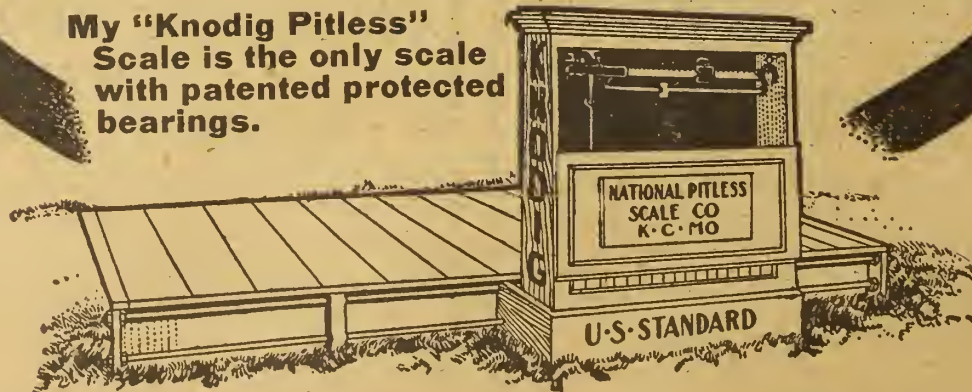
What you need is a KNODIG PITLESS SCALE which costs you a little more at the start than the "cheap" scales sold by the mail-order houses, but is the best investment in the long run, because it lasts a lifetime. The "KNODIG" costs you from \$30 to \$50 less than a Pit Scale, and is as good as any scale made at any price. It is the only scale backed by an unlimited iron-clad 10-year guarantee.

As a matter of fact, you positively can't afford to buy any scale until you have seen my big, illustrated catalog showing the new models A and B "KNODIG" PITLESS with Protected Bearings. They are the only scales ready for instant use when you want them. No ice nor snow to cut away from the bearings in winter—no dirt nor dust to clean out in milder weather. Nothing to interfere at any time with the absolutely accurate and sensitive weighing feature of the "KNODIG" PROTECTED BEARINGS.

Fully covered by patents. Sold only direct from factory at lowest wholesale factory prices. Cost about half the price of a Pit Scale and have no expensive pit with rotting timbers, rusting parts and big repair bills.

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be right.

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The "KNODIG" must satisfy you, or no sale, remember! No buying a "pig in a poke" when you deal with me. You try BEFORE you buy my scale. The new "KNODIG" Scale Catalog gives full details of my wonderfully liberal Free Trial Plan and Guarantee. You ought to see this book whether you expect to buy a scale now or not. It contains over forty fine pictures, illustrating scenes from farm life and is chock-full of sound scale sense from cover to cover. Cost me a big lot of money to get up, but I'll be glad to send you a copy—FREE—if you say so. Just address me personally, and write today, before the books are all gone, for I want you to have one.

H. C. GUMBEL, General Manager,  
National Pitless Scale Co., 2011 Wyandotte St., Kansas City, Mo.

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VOL. LII. NO. 6.

DES MOINES, IOWA, FEBRUARY 7, 1907.

WHOLE NO. 2586

#### KEROSENE AS A LICE-KILLER

The following communications have been received from three of our subscribers:

I see one of your subscribers wants to know if kerosene will hurt hogs or brood sows. I have used it more or less for five years and had no bad results. I bought a thoroughbred boar this year and when I got him home I found him to be lousy, so I used Carbolineum, but without effect. I then took a corn cob and dipped it in raw kerosene and rubbed him all over. This put an end to the lice and nits. Do not use too much, but just enough to do the work.

Ida County, Iowa.

Hy. E. Penrod.

In looking over the columns of your paper the other evening I noticed a communication from Mr. D. C. Bowman asking advice on using kerosene on brood sows. I have had some experience in this line and for the benefit of others am glad to relate it. Several years ago we had quite a number of sows for April farrow which became lousy in the winter. We used kerosene and machine oil on them with good results, but before the time was up every sow had lost her pigs. We failed to raise a single pig that spring. I am not confident that this was the direct cause, but we have never used kerosene on brood sows since.

Linn County, Iowa.

Robt. A. Mathews.

I notice the question asked by Mr. D. C. Bowman as to whether kerosene sprinkled on brood sows will cause them to abort or not, which I can surely answer. In 1895 I had thirteen young sows and two old ones bred and when they were six weeks to two months along I sprinkled them with kerosene and the young ones all slunk their pigs, but the old ones raised good litters. I bred these sows again and they raised good litters.

Wm. M. Whiteman

Henderson County, Ill.

This clearly shows that there is a little risk in using kerosene too freely on the skin of a hog, because in this case Mr. Mathews and Mr. Whiteman suffered a severe loss on account of all their sows aborting. This is by no means the first time that such an experience has been called to our attention, and for that reason this discussion has been prolonged.

We appreciate the fact that the lice question is a very important one to

swine breeders, and especially so in the winter when it is too cold to dip or spray. As explained in a recent issue of this paper, if the application of kerosene should blister the skin there is some danger that it will cause abortion. An instance was cited where a sow that had been badly blistered by running in rape lost her pigs, and it is just possible that blistering the skin badly from any cause might result in the same thing.

#### A BREEDER'S OBLIGATION TO HIS PATRONS.

The Homestead receives from time to time complaints arising from tardiness on the part of men who sell pure-bred stock in furnishing pedigree. One subscriber recently asked for an expression of opinion as to the way in which this matter is handled by up-to-date breeders. The inquiry was submitted to a few prominent breeders, and the following reply was received from Mr. S. E. Freed, of Story county, Iowa:

Regarding a breeder's obligation to his patrons in regard to sending pedigrees of stock bought, will say that it has been quite a general practice with breeders of pure-bred swine to delay recording the sow until after her first litter has been farrowed and in many cases until we began to sell the males in the fall. Then it would suddenly dawn on us that we hadn't recorded the young sow; hence the necessity of sending her pedigree in for registry before we could make out the pedigree for the young male just sold. Occasionally the buyer would get nervous and would write concerning same.

Now in order to avoid this in the future we have firmly resolved to adopt the practice of having all sows that have raised litters recorded before state fair time, so that we can have pedigrees all made out, with the exception of filling in the name of the purchaser, for stock that we intend selling at the fair and deliver same to buyer as soon as purchase is made.

I believe this is the proper thing to do, for where a breeder makes several fairs his

time and attention is so taken up that if he is compelled to send in pedigree of dam for record before he can make out pedigrees for stuff he has sold at fairs, it is often weeks before they get around to the purchaser. We also propose to adopt the same plan in regard to the sows and gilts that we shall sell at our February sale. It is our intention to have pedigrees made out and deliver same to purchaser before he leaves the premises or mail to him shortly after.

As to the extent of recording males and females under one year old before selling, will just say that I have never been able to buy one under that age that was recorded, except in the case of a young male where the seller had been using him some in his own herd.

Mr. G. P. Tyrrell, of Jones county, Iowa, on the same subject says:

I confess that I have not always sent pedigrees as soon as an animal was sold, but this fall I told my customers that pedigrees for pigs under two years old would not be sent until January, 1907, as we wanted to see what needed to be recorded after we were through selling males and had a chance to sort out our gilts. This plan does away with recording everything, good or poor, just because you can. Every hog on my place is pure bred, though of course all the younger ones are not recorded.

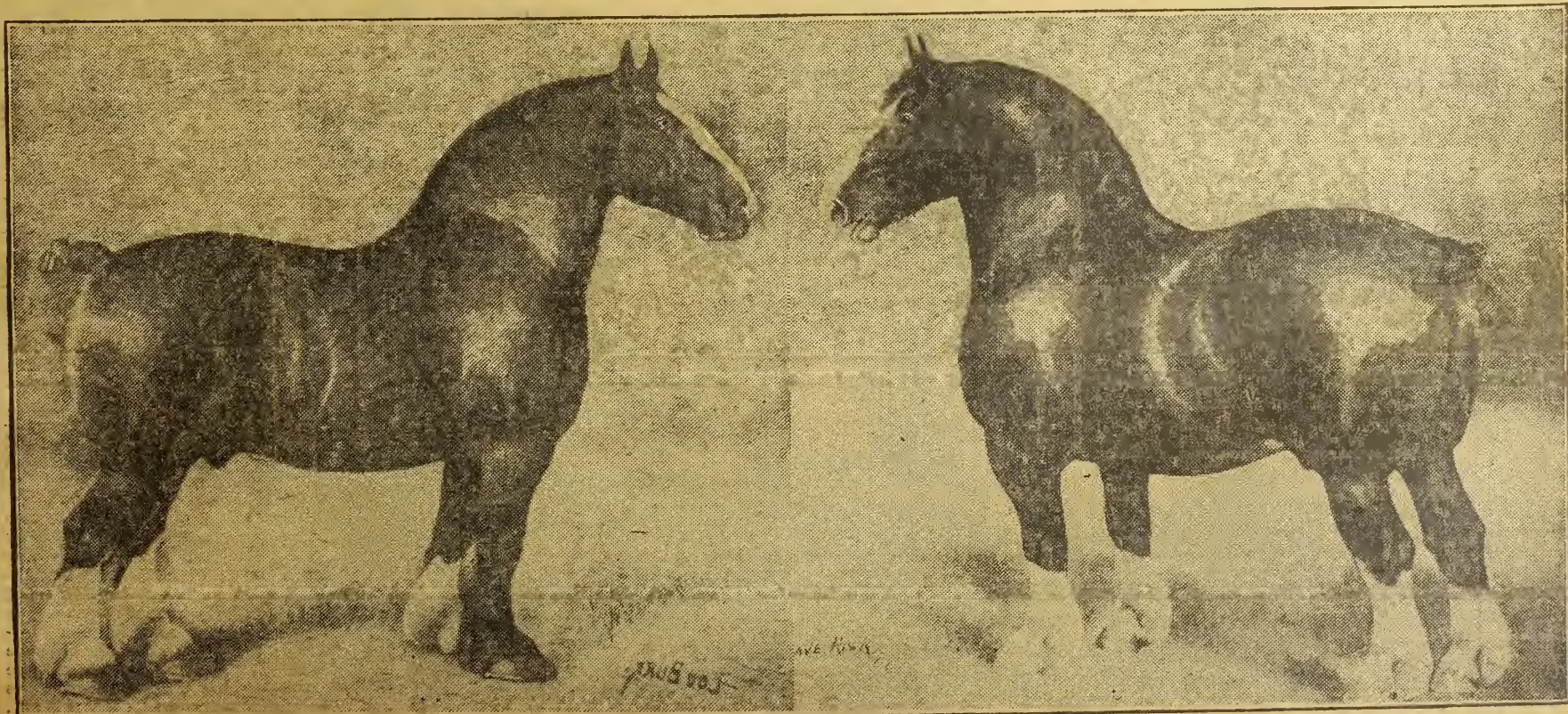
I would say that we mark every litter when born and have a book in which we keep the mark of dam, then mark the pigs right under, with number and sex. Then when a pig is sold, either male or female, we write the purchaser's name, sex of hog and price right under. Thus, when we go to make out the pedigree it is easy. We think where the sows are recorded and also the male, that it is best to send pedigree as soon as convenient to avoid the necessity of writing and asking for the papers on the part of the buyer. I know from experience that the sooner the pedigree is delivered the better in both cattle and hogs. We think it best for both breeder and buyer, even if it does cause a little exertion on the part of the breeder.

It will be seen from the above communications that it is not always practicable, nor is it necessary, to furnish pedigrees at the time an animal is sold, or even to furnish one within a few weeks afterwards.

Let us suppose a case for illustrating

purposes. Here is a gilt from a registered sire and dam that will farrow, say, in March. She has a litter of eight pigs. Next August or September you sell a male pig from this sow to go to a registered herd. At the time of selling the male you possibly do not know how her gilts are going to come out and you wait and see how they develop. It may be that you will afterwards dispose of three or four of her sow pigs. As soon as this is done you are then of course obliged to have her recorded. You can then sit down and write out in a few minutes the pedigree of all of her pigs that you have sold. Of course it might be better if she were recorded just as soon as possible after you sold the first male from her, because it is apparent there and then that she will have to be recorded in order to make the young male eligible. Indeed, this is what Mr. Freed advises in the case of those who sell at fair time.

There is no justification whatever for a man allowing the matter to go by default for several months, because it stands to reason that a buyer should be anxious to have his papers and to be assured as early as possible as to the blood lines of the stock he has purchased. There is always one advantage in being prompt in this matter, and that is that it may prevent mistakes. You may sell only one pig out of a litter and when the litter has been raised pork out the sow. Matters might drift on for several months or even for a year, and then the buyer of the pig demand the pedigree. In such cases it might be almost impossible to figure out just which sow was the dam of this pig and in turn just what her sire and dam were. Men who have made the best record along this line furnish pedigrees promptly. It tends to satisfy the customer, than which there is no better advertisement for one's herd.



Premvictor and Girton Charmer, the two aged stallions purchased by Robert Burgess & Son, of Wenona, Ill., from His Majesty, King Edward VII of England and Lord Rothschild at the International, Chicago, and will be on exhibition at their sale at WICHITA, KAN., FEB. 22, 1907. Do not fail to see the highest priced stallions ever imported to this country.



# MAINTAIN THE FERTILITY IN THE GREAT WESTERN TERRITORY

## BY THE USE OF BARNYARD MANURE AND THE MANURE SPREADER

### SAVING AND HANDLING FARM-YARD MANURE.

BY A. M. TEN EYCK, KANSAS AGRICULTURAL COLLEGE.

**T**HERE is no more wanton waste on the farm than the too common waste of barnyard manure. The common practice of throwing the manure from the stables out under the eaves of the barn and leaving it for a long interval in the yards exposed to the leaching of rains or to decomposition by drying and heating, results in a great loss of plant-food elements.

An experiment to determine the loss of manure by exposure was carried on at the Cornell Experiment Station, in 1890, as reported in Roberts' "Fertility of the Land." In this experiment horse manure in a loose pile, valued at the beginning at \$2.30 per ton, lost 42.6 per cent in value. Cow manure, valued at \$2.29 per ton, lost 30 per cent in value. In another experiment a ton of fresh manure, valued at \$2.30, lost 42 per cent in value by an exposure of six months in an open yard.

In comparison with this, manure which had been kept in a covered yard, when analyzed was found to be richer in nitrogen, phosphoric acid and potash than fresh manure, and was valued at \$3.61 per ton. It is a good plan to feed cattle and other stock under sheds, simply for the purpose of better preserving the manure.

The value of barnyard manure may vary somewhat according to the kind of animals from which the manure is made, the quality, composition, quantity of feeds fed, and the method of preserving or handling the manure previous to spreading it upon the fields. Manure from animals which are being fed with highly nutritious feeds will be richer in the plant-food elements than manure made by animals which are being fed on less nutritious feeds or which are being fed merely a maintenance ration. I have computed the relative value of manure made by different animals, as published in Roberts' "Fertility of the Land," as follows:

Horse manure .....	\$2.45 per ton.
Cow manure .....	2.20 per ton.
Sheep manure .....	4.20 per ton.
Pig manure .....	3.20 per ton.
Air-dry, hen manure .....	8.50 per ton.

The value of mixed barnyard manure varies greatly according to the different analyses made of the different samples of manure at different experiment stations. As an average for many samples, barnyard manure partly rotted contains, in a thousand pounds of manure, 720 pounds of water, 58 pounds of ash, 5 pounds of nitrogen, 2.6 pounds of phosphoric acid, and 6.3 pounds of potash. As chemical fertilizers are sold on the market, the essential plant-food elements may be valued as follows: Nitrogen, 15 cents; phosphoric acid, 7 cents; potash, 4.5 cents per pound, respectively. At this rate a ton of barnyard manure having the composition given above will have a value of \$2.42.

Prof. Snyder, of the Minnesota Experiment Station, in discussing this subject has estimated the value of eight tons of farm manure, when applied to land deficient in fertility, at \$25.00. He makes the estimate in this way: The increase in yield of corn the first year after manuring will be twenty to twenty-five bushels per acre, or an increase of \$7.00 in the value of the crop. The second year after manuring

the land will produce, according to his figures, six bushels more wheat per acre, valued at \$4.50. The third year, provided clover is seeded, the land will yield at least a ton more hay per acre, valued at \$5.00. Wheat following clover should give an increased yield of eight bushels per acre, worth \$6.00. The fifth year the estimated effect of the combined manure and clover treatment should increase the yield of oats twelve to fifteen bushels per acre, worth \$2.50, making a total increase of \$25.00 in the value of crops for five years.

Probably the most economical way to handle manure when live stock are kept in stables is to haul directly from the stables to the field, spreading the manure at once, preferably on grass or alfalfa land, although the manure may be hauled onto any land which is in condition to receive it.

It may not be practicable to recommend the use of covered barnyards in the West, but it is practicable to furnish abundant shed room for sheltering stock during the winter feeding season. It is also essential in order to save the manure, especially the liquid manure, to give a liberal supply of bedding for the stock. Usually farmers in the West have plenty of straw and roughage which may be profitably used for bedding in the stables, sheds, and yards. The barn-yard should be well-drained; however, there is apt to be a great loss of the soluble elements of plant-food where the drainage water is allowed to run away through natural drainage channels. If possible, such drainage should be turned over grass meadows or pastures, in order that the most available part of the plant-food in manure may not be entirely lost.

It is not possible to haul manure daily from the yards and sheds, but the farmer should have a regular time for hauling out the manure and cleaning up the yards; preferably this work should be done two or three times during the year in order not to allow too great an accumulation and the waste which is sure to take place by decomposition and leaching.

A convenient and desirable time to manure land is while it is being used as a meadow or pasture. If the manure is applied a year or so before breaking, it will stimulate the growth of the grass and cause a greater production of hay or pasture. Meanwhile the soil is enriched by an increased root growth and the for-

mation of more humus. Besides these beneficial results, some plant-food will be supplied by manuring for the use of the first crop which is grown on the breaking, at a time when available plant-food is much needed, because the larger part of the fertility in new breaking is in an unavailable condition and cannot readily be used by the new crop.

Manure applied to grass land benefits the crop in several ways. If applied in the fall and winter, the manure gives protection to the grass roots from frost and the injurious effects of sudden changes of temperature. Again, as spring passes and summer advances the covering of manure acts as a mulch to conserve the moisture in the soil.

Meanwhile the plant-food elements are being leached into the soil by the rains and are taken up by the roots of the grass plants, causing increased growth and a larger yield of hay or more pasturage. Finally, as the organic matter in the manure decays it becomes a part

of the soil, increasing the supply of humus and not only giving more fertility, but better and greater capacity of the soil to absorb and hold water. In the great wheat growing districts of the West, little or no stock is kept and the supply of manure is very limited, and usually that little is not used. No quick and economical way has been found yet to convert straw-stacks into humus on farms where stock is not kept. Thus the straw is usually burned, a destructive process so far as the wasting of the soil

fertility is concerned. Yet this is perhaps often necessary in a wheat-growing country.

Also, wheat is not a very desirable crop to manure, especially on the yet fertile lands of the West. A heavy application of manure on wheat land, plowed under, is likely to injure the succeeding crop of wheat. As a rule, however, light surface dressings upon wheat in the fall or early in the spring are safest and give the best results.

In fact, I believe this rule can be laid down for applying manure on western lands, that whatever the crop, manure is most safely applied as a top dressing. Of all crops, grass is best adapted to this method of manuring, and no crop will respond quicker or give more favorable returns for the manure applied.

Continuous wheat growing is recognized as a wasteful method of cropping upon the fertility of the soil, and the rotation of crops has been urged and has been put into practice by many

farmers in the wheat-growing belt and wherever rotation of crops has been introduced, manure may be used to the best advantage. For corn, kafir corn, and sorghum, manure may be plowed under, although for these crops a top dressing worked into the soil by cultivation previous to planting is preferable to plowing under, since by the surface application the fertility of the soil is not only increased, but the manure has a direct beneficial effect as a mulch to conserve the soil moisture as described above.

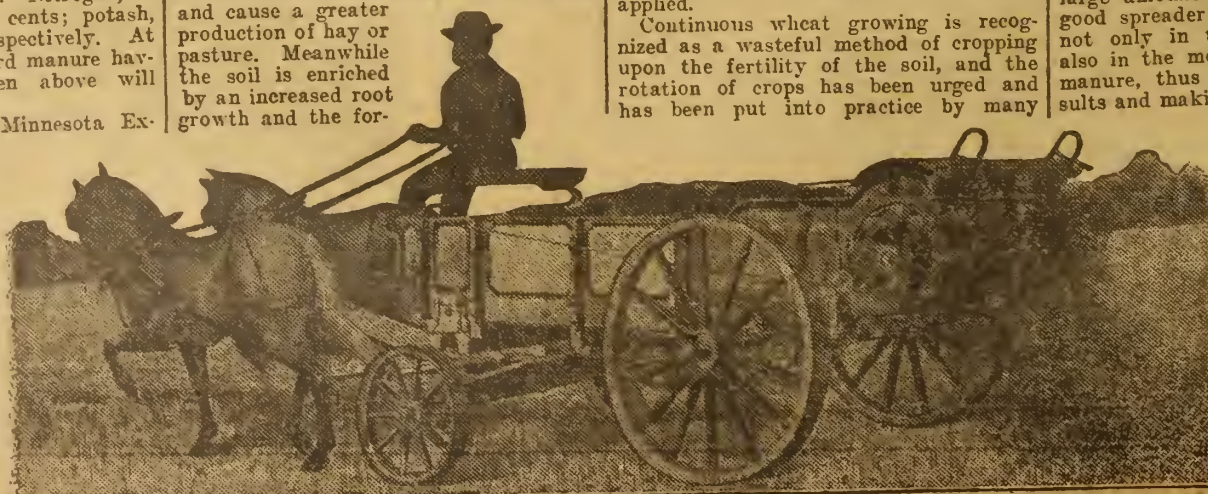
Throughout the West, alfalfa is beginning to be extensively grown, and although this crop is in itself a fertilizer and renewer of the soil humus and nitrogen, yet it has been found that alfalfa responds well to manure applied as a surface dressing in the fall or winter, and the alfalfa field, like the grass meadow or pasture, offers a convenient place to haul and spread manure during the season of the year when there is little farm work to do.

So far as the general principles of applying manure are concerned, they are the same for the West as for the East, with perhaps this exception, that the danger of injury to the crop by plowing the manure under is greater in the West than in the East, or in regions of greater rainfall, and thus top-dressing is to be especially recommended for the western regions.

Manure should be spread thinly, the purpose being to cover a large area of land with a relatively small quantity of manure, rather than to give a heavy dressing of manure to a small area of land.

When manure is spread thinly over a large area, the crop grown on the land may get all the value of the manure and the manure can do no harm to the crops, but with a heavy coat of manure, especially when the manure is plowed under, the crops may not make full use of the manure, and there is often danger, especially in dry seasons, that the manure may injure or destroy the crop by "burning out" the soil, which merely means that the heavy coat of manure breaks the capillary connection between the soil and sub-soil and in a period of drouth the crop suffers for want of water because the supply of water in the sub-soil is largely cut off for the direct use of the crop.

The manure spreader is a useful implement, and when the manure is handled regularly as made and spread in the fields, the spreader may be very profitable, used on the farm which carries much live stock. There is little question but that in the spreading of large amounts of manure each year, a good spreader will soon pay for itself, not only in the saving of labor, but also in the more even spreading of the manure, thus giving more uniform results and making the manure cover more land. When the manure can be handled daily or can be hauled from the stables as made and spread on meadow or pasture land, it is very handy and almost necessary to use a manure spreader. The use of the manure spreader is not so practical, however, when the manure is hauled out only once or twice a year, as is the common practice. It is usual in such a case to turn all hands





and teams to the work of hauling manure, thus making it impracticable to use a single spreader, and several manure spreaders could not be profitably owned and operated except on very large farms.

It would be possible, however, for farmers in a neighborhood, by exchanging work, to co-operate in the hauling of manure, when several manure spreaders might be economically owned and operated in a single neighborhood.

Farm-yard manure is not usually a complete fertilizer, and this is especially true when care has not been taken to preserve the liquids, since it is in the liquid evacuations of the animals that the mineral elements of plant food are found, especially the potash. Even where plenty of bedding is used and the manure is carefully saved, it is apt to be largely nitrogenous in character, and it may be advisable, in order to balance the manure and make it a more complete and valuable food ration for plants to mix pulverized rock phosphate and some crude potash salt, such as kainit, with the manure by applying small quantities of these salts as absorbents in the stable under the animals and in the gutters, thus not only increasing the supply of mineral elements in the manure, but also preventing, to some extent, the loss of nitrogen, the ammonia being absorbed by the fertilizer salts.

In the eastern states the practice is to supplement manure by the use of commercial fertilizers, applied in the field. I do not encourage the general use of commercial fertilizers in the growing of ordinary farm crops throughout the great central and western farming areas of the United States. On the vast farming lands of the West, excessively rich in the mineral elements of plant-food, a simple rotation of crops, including grasses and perennial legumes, in which the roughage and part of the grain is fed to live stock on the farm with the return of the manure to the soil, will not only maintain the soil in its present state of fertility, but a large part of this land may be made even more fertile after fifty or one hundred years of such management than it is at present, after one-fourth to one-half of a century of more or less continuous cropping with fertility-exhausting crops.

#### The Evolution of the Manure Spreader.

(By Otto E. Henry.)

When the manure spreader made its appearance about thirty years ago it was made in the style of a cart with two wheels, made to hitch to the rear of a wagon. This was a crude construction, and sufficed for the small eastern farmer, but as the spreader came into use more, it was found advisable to put a set of trucks under the front end of the machine and to make a complete wagon out of it and to make a movable bottom, and from the way this style of machine was made I am under the impression that it was not intended that the front wheels should bear much of the load, as they were set too far forward, throwing practically all of the load on the rear wheels. This construction was not followed out in farm wagons, nor was this construction found satisfactory in manure spreaders.

The machines were first made very light, the fifty-bushel machines weighing about 1,500 pounds, and they were satisfactory in handling light barn-yard manure, but when the western farmer took up the manure spreader proposition he found that these light machines were wanting; they were not of sufficient strength, and the result is that the weight of the machines has been increased. At first thought this might indicate that they would pull harder, but every farmer knows that a heavy load will pull easier in a heavy wagon than it will on a light wagon, and the same holds good of the manure spreader.

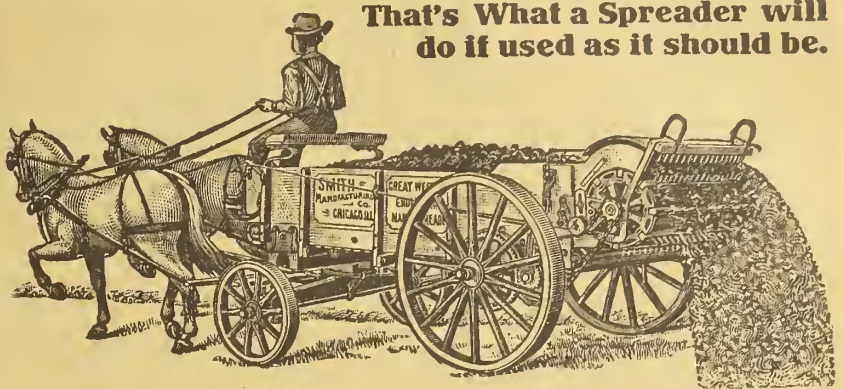
There is probably no machine made that is put under a greater strain than a spreader, as it has the hard lumps of manure to break to pieces before spreading them. The light machines would soon give way; would get out of shape and cause friction and binding. The result is that the machines at the present time are made heavier and stronger than they were.

The first thing to take into consideration in buying any machine is the strength and construction, and this holds good in the manure spreader more than any other farm implement. There were many things that the manufacturers in the early days had to contend with which they could not foresee. The wheels must be heavy enough to carry the load

## \$4.00 to \$8.00 Gain Per Acre.

**\$2,352,700,000.00**

Is the value of Manure in the U. S. per year. That's what United States Bulletin No. 192 says; also that a conservative estimate of loss by handling is about  $\frac{1}{3}$ —\$784,233,000.00—per Annum.  
We publish a book telling you how to stop the loss.



**That's What a Spreader will do if used as it should be.**

If you have 125 loads of manure to spread and you are going to plant twenty-five acres of corn or wheat, or have a twenty-five acre meadow we will tell you how you can increase the value of your crop this year from \$4.00 to \$8.00 per acre, or more than enough to pay for a spreader. We issue a sixty-four page booklet entitled "Practical Experience with Barnyard Manures" which explains the whole situation.

Our plan is not a theory. It is an actual fact, backed up by actual experiments extending over a period of eighteen years. To give you an idea of what this book contains, we show results of experiments made with various crops where five loads of manure were spread per acre by the old method, and five loads by the new method on corn ground. The latter shows a gain of \$4.80 per acre. On another field and

in another state, it shows a gain of \$5.60 per acre, and on a clover and timothy meadow, a gain of \$8.00 per acre.

This book will be sent free to anyone writing us. It is worth \$100.00 to you but it won't cost you a cent. Fill out the coupon below at once and let us mail this book to you. It is brimful of valuable information.

## The Smith GREAT WESTERN Endless Apron Manure Spreader

Spreads all kinds of manure. Makes the same amount of manure go three times as far and produces better results than hand spreading. Has a graduating lever and can be regulated while in motion to spread thick or thin.  
Hood and End Gate keeps the manure away from the beater while loading. Prevents choking and throwing out bunches when starting. Acts as a wind shield when spreading. The rake forms a hopper. Holds all hard chunks in

contact with beater until more thoroughly pulverized.

Endless Apron is one continuous apron (not a half apron). Therefore, always ready to load. It has no reverse gears, springs, catches or contraptions to break or get out of order. Spreads even from start to finish.

Light Draft because the load is nearly equally balanced on front and rear axles. The team is as near the load as it can be worked. Wheels track.

Beater shaft runs on ball and socket bearings; therefore, no friction. Beater is twenty-three inches in diameter. Seat turns over out of the way when loading. Machine turns in its own length.

Simplicity. There are only two levers on the machine. One raises the hood, locks it, and throws the machine into gear at the same time. The other changes the feed to spread thick or thin. Makes it so simple that a boy who can drive a team can handle it.

### HOW IT'S MADE AND WHAT IT'S MADE OF

**Main Frame.** Every stick of timber that goes into the main frame is oak. The main sills are oak, 2x6 inches. The two center strips that carry the center row of rollers are oak, 1½x3 inches. The four oak cross sills are 3x3½ inches, mortised into the side sills.

**Steel Truss Rods.** In addition there are two steel truss and brace rods, one running diagonally from the left front corner of the frame to the right rear corner, and the other from the right front corner to the left rear corner. They are provided with draw bolts so the frame is absolutely rigid.

**The Side Boards** are one inch thick and are supported on the outside by six upright oak stakes, so there is no spreading of the body.

You know that a frame made of oak is better and stronger than one made of pine. You know that a frame having truss and brace rods is better than a frame without them. You know that oak costs more than pine. When buying ask your knife and cut into the main sills and find out what they are made of, whether pine or oak, and find out whether the frame is supported with truss and brace rods. Don't let a dealer or canvasser make you think that pine is as good as oak, for you know it is not.

**The Front Axle** is cold rolled steel with an oak axle cap 3x6 inches running the full length of the axle. Bolted to the oak axle is a big heavy 16-inch malleable iron fifth wheel, braced both front and rear to the lower part of the wood axle cap and to the steel axle. The fifth wheel is oscillating so that if one wheel drops into a rut the body is carried level, and the machine is not twisted out of shape.

**Double Bolster.** Above the fifth wheel we place a double oak bolster, each 3x5 inches. They carry the front end of the machine. This strong construction allows us to set the front axle back under the body of the spreader so the load is nearly equally balanced on the front and rear axles.

We Guarantee that we can carry 1,000 pounds more over our front axle than any machine with an arched axle will stand. The front axle is the same length as the rear axle so the wheels track. In this respect it is just like your farm wagon. With this machine you can top-dress corn and other crops planted in rows.

You know that a wide front axle with a big heavy oak axle cap costs more to make and is better than a narrow arched front axle without any axle cap. You know that a big heavy malleable iron fifth wheel and double bolster cost more

and are stronger than a little light cast iron fifth wheel and a single or no bolster. You know it's better to have a machine with a strong front end capable of carrying the load close to the team than it is to put all of the load back of the front axle.

Our front wheels, wide front axle, big malleable fifth wheel and double bolster cost from \$2.00 to \$3.00 more than the cheap kind, and it adds at least \$10.00 to the value of the machine.

#### THE WHEELS.

Our front wheels have 2½ inch oak spokes; the rear wheels, 2½ inch. The rims are oak, extra heavy. Tires are full ¾ inch thick. A set of our 4 inch wheels weigh 500 pounds. A set of most other 4 inch wheels weigh 375 to 450 pounds.

You know that 2½ and 2½ inch spokes cost more than 1½ and 2 inch spokes. You know a big heavy strong set of wheels that weigh 500 pounds cost more and are better than a light set. Remember, the rear wheels must carry their share of the load and drive the machinery; thus, they must be extra strong. We drive the apron and cylinder from both rear wheels.

**THE POLE IS OAK—NOT PINE.** Our pole is made of tough oak. The single-trees and double-trees are made of hickory. The single-trees are turned round, regular farm wagon style.

You would not think of buying a farm wagon with a pine pole. Don't you know that it is just as necessary to have a good pole on a spreader? You know that pine does not make as good a pole as oak. Then insist on having oak. You know that elm single-trees sawed out like cultivator single-trees are not as good as turned wagon style hickory single-trees.

#### THE WEIGHT.

Of the GREAT WESTERN seventy-bushel spreader is 2,250 pounds. You know that a big load will pull easier on a heavy wagon than it will on a light wagon. It is just so with a spreader, only more so because a spreader has more to do. A light spreader will soon twist out of shape and cause binding and cramping, and when the main frame commences to twist it throws every part of the machine out of alignment. You will see a difference in the draught. You will have trouble and breakage.

Most other seventy-bushel spreaders weigh from 1,800 to 1,900 pounds. You know that a machine weighing 1,800 or 1,900 pounds costs less to build than a great big heavy machine that weighs 2,250 pounds.

Write us at any address given below.

**SMITH MANUFACTURING CO., 158 HARRISON STREET, CHICAGO, ILLINOIS.**  
1201 Leavenworth St., Omaha, Neb.  
1308 W. Eleventh St., Kansas City, Mo.  
Fourth Ave. and Third St., Minneapolis, Minn.

#### If You Want to Know

all about spreaders, the value of manure, how, when and where to spread, fill out the coupon below and send it to us and we will mail you free a book that will be worth \$100 to you and a catalogue of the GREAT WESTERN Spreader.

Name.....

P. O.....

County..... State.....

Have you a manure spreader? Ans.....

4374

on a wagon. The rear wheels of the manure spreader must be heavy enough to carry the load and drive the machinery—that is, the apron and cylinder. It is estimated that one-third of the strength of the wheels is used for

the traction and the other two-thirds for carrying the load. The up-to-date manufacturers of manure spreaders are now using much heavier wheels than they were, and heavier parts all the way through. The front axles are set back

under the load so that the load is practically equally balanced, thus bringing the horses close to the load. The front and rear wheels track so that when spreading over plowed ground or over meadows you make two tracks instead



of four, as the original machines did. If we are to encourage the manufacturers in making good machines we should take into consideration when buying a machine, the weight, the kind of material, the workmanship and the lasting qualities of the machine. There is no question but that it is better to put a few more dollars into a well-constructed manure spreader or any other farm implement than to buy the cheapest thing that can be had.

#### Use of Manure.

(By Mr. Voorhees, Director of the New Jersey Agricultural Station.)

Manure is one of the most important and valuable assets of the farm. In it is contained part of the fertility that has been removed in crops, and in the form of manure may be returned to the soil for the use of future crops. It is to be expected that farmers and others would not agree as to the value of a given quantity of manure, because it is variable in its composition, and because the returns derived from it are also influenced by kind of soil, kind of crop, and the character of the season; hence manure will vary in its value, dependent upon these various conditions. The fact remains, however, that it is a valuable product, and that which has been learned in reference to its value as a source of plant-food, the losses that may occur in handling, and the improvement that it gives to soils, in addition to supplying the essential constituent elements is of very great service.

Manures, like all vegetable organic materials, are subject to change, and changes generally result in a loss; however good, therefore, the management may be, there is likely to be some loss. For example, fermentation begins immediately the manure is dropped, and unless it is properly regulated, losses of ammonia will occur, and it is important that means should be used to absorb this valuable product at the earliest possible moment and prevent its evaporation. It is for this reason that recommendations are made to use plaster and other "ammonia fixers" in the stables, though the advantage of adding these materials is not confined to the fixing of ammonia, since it also results in improving sanitary conditions. It is recommended that

## A Common-Sense Talk On Manure Spreaders

L. H. C. Corn King and  
Cloverleaf Spreaders

**T**HERE'S no doubt that the right kind of manure spreader is a good thing for you to have. It is probably true that there is no other farm machine that, if rightly chosen, is as valuable to the farmer. If manure is spread properly and at the right time, its money value far exceeds what you're apt to think.

But when you buy a manure spreader have a care. There are many of them on the market, and many with various "special features"—fancy affairs that do them more harm than good.

When you buy a spreader look out for these things—and avoid them. What is chiefly to be desired is *strength and simplicity of construction*.

Strength is essential because a manure spreader has to carry a heavy load and the rear end—the machine end—has hard work to do.

Simplicity of construction lessens the chance of the machine getting out of order and gives *light draft*. You know there are a good many manure spreaders that don't get out of the shed after the first year. They make too much trouble and cause too much delay.

are strong and simple. The frame is carefully-selected, well-seasoned lumber, and is strengthened by heavy cross sills and truss rods. They have steel wheels with staggered spokes, and both hind wheels have clutches. The box is made of selected stock and is securely fastened to the frame by heavy steel cleats. Corners are re-enforced with steel plates. Everything is of the very best.

Both of the rear wheels are drivers, and insure plenty of power. A large sprocket with heavy chain drive transmits the power to the cylinder. The cylinder is large and strong, and the square teeth (extra long) are made of the best high carbon steel.

The power for driving the apron is applied on both sides, giving an even movement and making binding impossible. The rollers are attached to the under side of the slats instead of to the frame.

The vibrating rake is a most important feature, and is found only on Corn King and Cloverleaf spreaders. It levels the load and brings the manure squarely up to the cylinder—a thing which is absolutely essential to

proper spreading. The teeth on the vibrating rake are held in place by coiled steel springs so they never break but adjust themselves to the size of the load.

And as a result of simple construction, the operation is simple. Any one who can drive a wagon can operate an I. H. C. spreader, for one lever does it all. There are ten feeds, ranging from ten to thirty loads per acre. The apron stops of its own accord when the load is all fed out. By reversing the lever it returns and again stops when back in position. No need to watch it at all.

These are some of the reasons why you should investigate I. H. C. Corn King and Cloverleaf spreaders before you buy. There are many other good points about them that are explained in our catalogues. There are two kinds—Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each made in three sizes.

Call on the Local Agent or write for catalogues.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U. S. A.**  
(INCORPORATED)



where cattle and horses are stabled that, at least, one pound daily of land plaster or two pounds of acid phosphate be applied in the gutters for every three to five full-grown animals. It is, also, a well-known fact that manure lying in heaps is liable to loss because the tendency of the manure is to ferment, become hot, not only causing a loss of ammonia direct, but a reduced value of the nitrogen, because of the burning or "fire-fanging" of the manure. It is for this reason that many recommend that manure be applied to the land as rapidly as it is made, whenever it is convenient to do so. This is, no doubt, the best plan from the standpoint of securing the greatest return, and in the long run, the most satisfactory method for general farming. If the manure is thrown out in the open yard and subjected to a direct rainfall, as well as to the additional rainfall accumulated on roofs of buildings, and which pours into the yard, there is a loss not only of the nitrogen, but also considerable portions of phosphoric acid and potash.

Experiments have shown that manure subjected to this treatment for 100 days will lose from 25 to 50 per cent, or more, of all of its fertilizer constituents, the amount depending somewhat upon the proportion of litter mixed with the manure. The smaller the quantity of litter, the greater will be the loss. If the manure has been carted and spread upon the land immediately after it is made, the spreading will cause the manure to cool and thus stop fermentation; besides the rainfall would carry the soluble constituents into the soil, where they are needed for the use of the plants. It does not follow that even though these statements are true, that farmers should not be careful as to how, when and where the applications are made. If applied on steep hillsides, and upon frozen land in winter, the loss is likely to be much greater than if applied upon reasonably level land and when it is not frozen. Nevertheless, even here the losses are not likely to be as great as if left in the open yard.

It must be remembered, too, that the value of farm manure is not measured entirely by its content of the fertilizing elements—nitrogen, phosphoric acid, and potash—which directly increase the yield of crop, but it is also valuable because it contains vegetable matter which, when applied to soil, improves its physical character, making it more absorbent, more retentive of moisture and heat, and increases the tendency to decay of soil substance because of harboring more comfortably those organisms which assist in making inert plant-food available. It is for this reason, too, that in general farming, particularly, it is much better to apply six to eight tons per acre over a large area than fifteen to twenty tons per acre over a small area, because beyond a certain point the indirect benefits derived from the application of vegetable matter are relatively less. In other words, by distributing the manure over a reasonably large area the indirect benefits of the organic matter in the manure are increased. It is also an important matter to have the manure evenly distributed rather than thrown in

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large chunks or small heaps over the land, for by the latter method the benefits are uneven and irregular, many plants being overfed and others underfed, and besides the indirect benefits are very materially reduced. In the case of market gardening or other lines of "intensive" practice, where the purpose is to force a rapid growth, as well as to improve the physical character of the soil, and encourage warmth in the early season, manures may be applied in the row, or in the hill, with very great advantage, as, for example, in the growing of sweet potatoes, white potatoes, and other crops upon light soils, where it is desirable to concentrate the supplies of food, not only, but to provide a more favorable condition for the development of the crop. Under these conditions, too, if the crops are of high commercial value, the extra labor required in handling the manure—that is, in composting and reducing its bulk, while at the same time increasing the availability of the constituents may be more profitable than to use the fresh or coarser products. Another instance of the fact that the values of manures are dependent upon the kind and character of crop grown, as well as the kind of soil.

Farmers should also remember that

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all vegetable matter about the farm, such as straw, stalks, weeds and growths of all sorts, do contain in a marked degree the valuable characteristic organic matter, which, as has already been stated, is so important in improving the physical character of both light and heavy soils, making the heavier ones more open and porous, and the lighter ones more compact and retentive. Hence, great care should be taken to gather up and use all of these various sources of supply. Many farmers allow

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their straw stacks to rot down, when if the straw was cut up and used as an absorbent in the stables, it would add materially to the value of the manures from this standpoint, as well as preventing losses which now occur.

#### Value of the Manure Spreader.

Subscriber, Lee County, Illinois.

I think there is no question regarding the value of the spreader over the old way of handling manure, provided one has enough manure to pay to keep one. I have used one for three years and started in on the theory that it would be better to go over the land with a light coat and repeat oftener, rather than to spread on thick. Up to date I have manured about sixty acres, and will say here that one cannot spread the manure so light as not to be able to see the benefit on the next crop.

I would offer a suggestion here to men about to build barns. Behind the stock always build wide enough for the spreader to go through, so that the manure can be taken from the barn to the field. This winter we are keeping fifty head of cattle in the barn at night. The barn must be cleaned out every day. Our spreader was too large to go in the alley-way, so to use it would mean that we would have to haul the manure out to the yard, pitch off there and then reload onto the spreader. This was too much work for yours truly, so I took the trucks from a corn shredder, cut the axles down five inches, put an old wagon box on and haul direct to the field and pitch off by hand.

I do this work myself and try to make the manure go as far as possible, but am sure that one load put in spreader would cover a half more land. However, this is the best that I can do, as I must consider the expense for labor. To the man who keeps ten head or so of stock I don't believe it would pay to buy a spreader. The cost would be greater than the benefits.

Now, as to the proper place for manure, I think I should spread on grass land. But on this farm the meadow has been covered, so I am putting on corn land that has been in corn about eight years. We had about two or three inches of snow here a few weeks ago and then a hard freeze, followed by a heavy rain, which lasted for twenty-four hours. The land is very nearly level and everything was afloat. But the question came up in my mind, how much of the seventy loads of manure that I had hauled out this winter had been lost over the old way of putting in the yard and hauling out next summer? Taking into consideration that I am a tenant and do not know how long I will stay on this farm, manure applied this winter will be of benefit to me in the coming crop.

#### The Manure Spreader.

Alex. A. Arnold, Trempealeau County, Wis.

In a recent issue of your paper I find a suggestion that readers who have had experience with the manure spreader kindly give same for the benefit of others. In response to this invitation I will say that I have used a manure spreader for some time and only wish I had two. I have no objections to

them in any regard, except we cannot use them when there is snow on the ground, as the wheels will slip and the machine will not work. The machine works best during the summer when there is little mud and with fairly well decayed manure. However, we can use it with all kinds of manure if it is properly loaded.

I have a farm of 320 acres and want to spread the manure over as large an area as I can, for in this way we get the best and greatest returns, and to this end the spreader does better work than we could with a fork, and in a shorter time. On a large farm employing three men a farmer should have two spreaders. Then he can have one man to each spreader and one or two in the yard and the manure can be easily and quickly handled. With the modern machine there is no stopping the team every few minutes as the manure is being unloaded. It is a good machine for a lazy man who likes to ride and is anxious to get on his load so he can be off for another ride. It is also a great labor-saving machine.

I like to put the manure on the land when it is not frozen, as the soil then absorbs the fertility right away. My preference is to put the manure on meadows and pastures and in this way enrich the land so that it is not necessary to add more manure to insure a fair crop of corn and potatoes. The manure being spread evenly does not interfere with the hay as would be the case if it were spread with the fork. There is little land that is not benefited by the proper application of manure of the right quality, which it will be if the liquid manure is saved and mixed with the solids.

#### CHARACTER OF MANURE FROM DIFFERENT ANIMALS.

There was a time in the history of corn-belt agriculture when it was highly unpopular to write on problems relating to farmyard manure. The unpopularity of the subject was due mainly to the fact that soils were so rich that the chief aim was to reduce the raging fertility. Ten, twenty, thirty or forty years of cropping, however, changes men's views on a subject of this kind and today the majority of farmers are endeavoring to handle their farmyard manure so as to get out of it the largest possible percentage of fertilizing elements.

In a bulletin on the subject of farmyard manure, prepared some time ago by the Department of Agriculture, Washington, some little attention is given to a description of the various kinds of manures made on the farm. Summarized, these are as follows:

Sheep manure contains a small amount of water and is, weight for weight, the richest manure produced by any of the common farm animals. It is what is called a hot manure, fermenting rapidly with the development of heat. Like horse manure, it is especially likely to lose ammonia.

Horse manure is very dry, and is, therefore, difficult to thoroughly mix with litter. It is a hot manure, undergoing fermentation rapidly and generating a high heat on account of its loose texture. It is likely to lose ammonia even more rapidly than sheep manure, and requires careful management from the moment it is voided. The composition of horse manure is more uniform than that of any other farm animal, chiefly because the food of horses is more uniform. The urine is especially rich.

Hog manure is very variable in composition, owing to the variable nature of the food supplied to this animal, but is generally rich, although containing a high percentage of water. It generates little heat in decomposing.

The manure of cattle, like that of hogs and for the same reason, is variable in character, but is generally poorer than that of other farm animals on account of its large percentage of water. It decomposes slowly and develops little heat.

Poultry manure is very rich in all the fertilizing elements, but especially so in nitrogen, owing to the fact that the urinary secretions, which contain large amounts of nitrogen as well as potash in readily available form, are voided with the solid excrement. It quickly loses nitrogen, however, by fermentation, if not properly mixed with absorbents or preservatives. In no case should alkaline substances like lime, wood ashes, etc., be mixed with poultry manure.

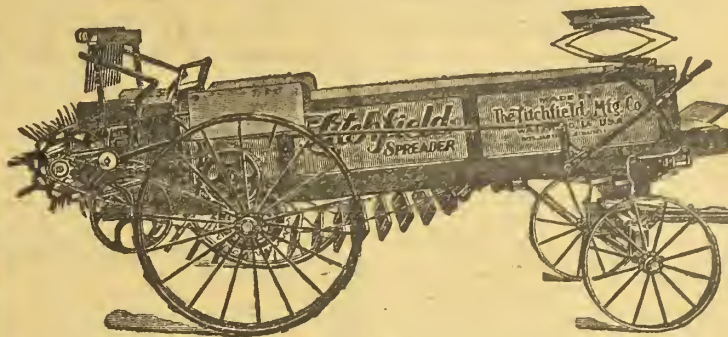
Considering the varying character of the different manures found on the average farm must lead one naturally to conclude that there would be much advantage under ordinary circumstances if these manures could be mixed when they are taken from the stables and stalls. This is especially true if the manure cannot be taken directly to the fields. The mixing of the cow manure with horse manure, for example, tends to keep down the temperature, and it will, therefore, prevent losses of fertilizing material that would take place when horse manure gets very hot.

The use of litter or manure carriers in modern times makes it much more practicable to mix the manure than was formerly the case and it is not an uncommon sight to see men placing in the same pile, by the use of these carriers, the manure from both the cow stable and the horse stable, and even in some instances from hog sheds.

The main thing after all in the great central West is to realize that only by taking good care of farmyard manure is it possible for us to keep our soils up to their present productive capacity. When the decision is made to handle manures wisely it will only be a short time until the best way to do things will develop.

A subscriber, Mr. Frank Lane, responds to the inquiry of another subscriber who desires to remove blood warts from the skin of young mules. He says to rub the warts twice daily until the blood almost starts and then use dry soda freely. He says that this will do the work every time.

## HOW IT IS BUILT



THE LITCHFIELD ENDLESS CONVEYOR.

OURS is not an imitation Manure Spreader. We hope our readers will kindly bear this in mind. Our aim is to set the pace which others may follow (if they can) and imitate if they care to. Money makes a hard fight commercially, and as there is no money in something they are not permitted to build, our competitors, of course, relentlessly fight the self-cleaning conveyor, which is fast making an everlasting reputation for the Litchfield Spreader.

The Litchfield endless conveyor is constructed of forty-nine sections. These sections are made out of selected material, lumber that is light and still tough and strong. Each section is bound by two steel hinge plates, extending across it and riveted firmly to the section. These hinged plates prevent it warping or splitting. Each section is fastened to the conveyor chains by solid, riveted hinges, which cannot get loose, and when the conveyor chains are coupled, the whole conveyor becomes one moving unit.

The conveyor chains travel in hard steel channel tracks and the oiling of these tracks keeps the hinges thoroughly oiled and the chain links also, thus giving long life and great endurance to the moving parts of this conveyor. Each section is so hinged that as the conveyor comes up at the front of the machine it automatically adjusts itself, forming a solid floor as it moves along. When it passes over the rear of the machine, each section automatically changes its position, hanging down edgewise until it reaches the front of the machine again.

It will thus be seen that no machinery whatever is necessary to make this conveyor automatic in its action. It simply assumes its proper position by gravity means. All material falling through from the spreader box is not obstructed by the returning or under conveyor, but passes right on through to the ground. When the beater wheel "kicks" the material in on top of the under conveyor as it invariably does on all machines, nothing stops, but it goes right on through to the ground.

Our endless conveyor is "Exhibit A" in our case against competition. All we ask is that our trade take pains to search out the quality in the Litchfield Spreader and in others. In this one feature alone we are offering our trade an idea "hatched out" a few years ahead of the regulation time. Excuse us if we ask you to read our next issue.

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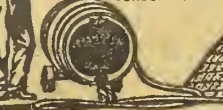
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JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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## WHERE TO PUT FARMYARD MANURE.

The following communication has been received from one of our subscribers, Mr. B. Ellsworth, of Reno county, Kan.:

I recently purchased a manure spreader and I am now spreading manure on my wheat ground at the rate of about six loads per acre. I am hauling old straw stacks and straw stack bottoms and will have enough to cover about forty acres. The soil is light and sandy and has been farmed about twenty-five years without anything to enrich it. Do you think it is a paying investment to put manure on the soil in this way?

Manure applied with a spreader in this way will benefit any soil. In the case of wheat, when put on at the rate of six loads per acre on a light soil, it will act as a mulch during the winter yet the covering will not be sufficient in any case to smother out patches of the wheat. In the spring the wheat will come up through this light covering of manure, and the covering will tend to prevent the free evaporation of moisture. It would not be surprising if under these circumstances this light application increased the yield anywhere from five to ten bushels per acre. Indeed, this is a conservative estimate considering the fact that the land is thin and has been cropped heavily for some time.

## ANOTHER SUBJECT FOR DISCUSSION

One of our subscribers asks for data relating to the actual loss that occurs annually that is traceable to such pests as rats and mice. This subscriber states that he has written to the department of agricultural at Washington and to several experiment stations, but up to date has failed to secure any satisfactory answer.

He is of the opinion that a general estimate given by practical men would be the most accurate way of getting at

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this subject and we submit the matter for discussion. Of course mice and rats live principally on grain, but there are instances when rats especially do a good deal of damage in the chicken yards.

We solicit a few short articles on this topic from our readers. In order to make the answers harmonize so far as possible, it might be wise to give an estimate as to the amount of grain consumed by these pests per quarter section farm, and also an estimate of the loss of young chicks on account of the presence of rats.

## STANDARD POLAND CHINA RECORD ASSOCIATION MEETING.

The annual meeting of the stockholders of the Poland China Record Association of Maryville, Mo., will be held at Live Stock Exchange building, Stock Yards, South St. Joseph, Mo., on Wednesday, February 13th, at 9 o'clock. At that meeting there will be the election of president and one vice president from each state and also seven directors. The president of the association, Mr. A. B. Garrison, and the secretary, Mr. Geo. F. Woodworth, are both anxious that this meeting be well attended.

## THE PERCHERON REGISTRY COMPANY.

The annual meeting of the Percheron Registry Company was held in January. After the reading and approval of the minutes of the previous meeting the reports of the secretary and treasurer were read.

These reports showed the company to be in the very best of condition and that the business for the year 1906 had more than met expectations.

The registrations for the year in-

creased about 300 over the previous year and with a good increase in membership.

The balance in the treasury was \$3,127.68, which is an increase of \$1,016.10 over the previous year. This balance is net, there being no debts on hand of any nature whatever.

The usual liberal prizes will be offered for the fairs and expositions of 1907 as were offered in 1906.

A resolution was adopted recommending the passage of a law by each state, similar to that of the states of Iowa and Wisconsin, concerning the standing for service and sale of stallions, whereby such stallions are required to be registered with the state before being allowed to be sold or to stand for such service.

The matter of holding a meeting in Chicago during the International Exposition was left to a committee for decision and action will soon be taken, at which time due notice will be given each member.

The secretary was instructed to start work immediately on the preparation of volume No. 3 of the Percheron register for the year 1906 and the work has progressed so far that bids will be received for its publication within the next three weeks.

We believe that each member will be more than pleased with the condition of the company's affairs and the manner in which it is conducting its business.

The same officers were elected to serve the ensuing year.

## WHEN ARE HOGS IMMUNE FROM DISEASE?

The following communication has been received from an Iowa subscriber, Mr. A. H. Gerrard:

I would like to have the opinion of some of your readers as to how long a person must

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## HIDES TANNED

SEND YOUR HIDES TO US. They are valuable. Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cowrie Glove Co., Des Moines, Iowa

wait after he has had cholera on his farm before it is safe to buy other brood sows. Is a brood sow safe to breed after she has passed through hog cholera? How long would it be before you could put hogs that have passed through cholera on full feed?

These are inquiries that we submit to those of our readers who have had experience with this disease. We do not expect that all will express the same opinion, but much light will be shed on the subject even though a variety of views are expressed.

## BABY COVERED WITH SORES.

Would Scratch and Tear the Flesh Unless Hands Were Tied—"Would Have Died But for Cuticura."

"My little son, when about a year and a half old, began to have sores come out on his face. I had a physician treat him, but the sores grew worse. Then they began to come on his arms, then on other parts of his body, and then one came on his chest, worse than the others. Then I called another physician. Still he grew worse. At the end of about a year and a half of suffering he grew so bad I had to tie his hands in cloths at night to keep him from scratching the sores and tearing the flesh. He got to be a mere skeleton, and was hardly able to walk. My aunt advised me to try Cuticura Soap and Ointment. I sent to the drug store and got a cake of the Soap and a box of the Ointment, and at the end of about two months the sores were all well. He has never had any sores of any kind since. He is now strong and healthy, and I can sincerely say that only for your most wonderful remedies my precious child would have died from those terrible sores. Mrs. Egbert Sheldon, R. F. D. No. 1, Woodville, Conn., April 22, 1905."

Someone asked if a hen should be set solid or leaded, or whether she should have ground wires or fuse links as a protection against lightning or not. The only thing we know about it is that she should be set at least three weeks.



No. 656. Combination Top Buggy and Driving Wagon with Stanhope Style Buggy Seat and Bike Gear. Also Extra Seat for Open Wagon. Price complete, \$61.50. As good as sells for \$25.00 more.

## 34 Years Selling Direct

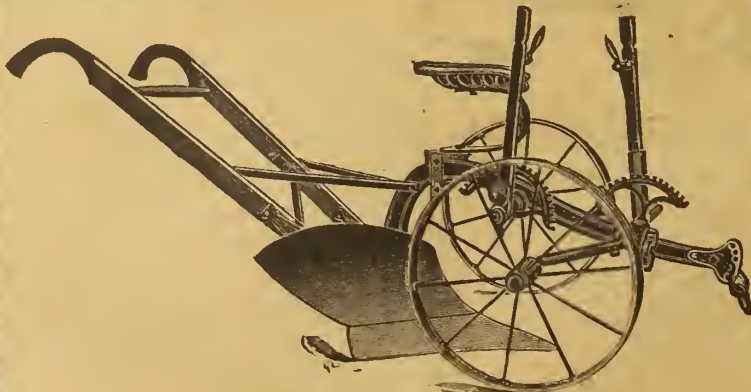
Our vehicles and harness have been sold direct from our factory to user for a third of a century. We ship for examination and approval and guarantee safe delivery. You are out nothing if not satisfied as to style, quality, price.

We Are The Largest Manufacturers In The World selling to the consumer exclusively. We make 200 styles of Vehicles, 65 styles of Harness. Send for large, free catalogue.

Elkhart Carriage & Harness Mfg. Co., Elkhart, Ind.



No. 315. Light Extension Top Buggy. Price complete, \$73.50. As good as sells for \$25.00 more.



## The Banner Riding Attachment.

The illustration shown above represents a walking plow with banner riding attachment, which is manufactured by the Banner Plow Company, of Coffeyville, Kan. This company guarantee for the Banner Riding Attachment that when properly attached to a good walking plow or lister it will cause them to run at a more uniform depth, turn a smoother furrow and work in harder ground than without the attachment. It is constructed by skilled workmen on scientific principles, of the very best material. Every casting on the attachment is malleable and will bend without breaking. Your implement dealer will allow you to try one. If he has none in stock ask him to order one for you or write them for circulars and full description. The price is \$15 for your dealer. Every one guaranteed. If they have no agent in your locality write them—they have a proposition to make regarding agency which will interest you. See further particulars on page 10. When writing please mention this paper.



## Farm Furrows

Turned by a Practical Farmer.

If there is anything we enjoy these winter evenings 'tis a half hour with Ben Davis before retiring.

We think one of the best by-products of butchering is head cheese. It is easily made and certainly makes fine eating.

Don't put off breaking the corn stalks too long or spring may catch you napping. This is a job that can only be done in clear, cold weather.

They say that digester tankage is good for cows, but how about the milk? We would rather have ours made of clover hay and good corn and oats.

A little pig makes a fairly good thermometer. In real cold weather a little pig can get in about the smallest space of anything I have ever read about.

Whenever I see the mercury creeping down toward the bulb of the thermometer, I always think that there is this compensating factor—it is hard on disease germs.

Since putting in a furnace I have often wondered how we got along without it. I would advise all brother farmers who are now using stoves to lay their plans to install a furnace.

Keeping a set of books on the farm does not bring in any more money, but it will make anyone do some serious thinking before moving to town, with a family, to get a job at \$50 or \$60 a month.

The time for breaking the three-year-olds will soon be at hand. Don't wait until you are ready to slap the harness on them and introduce them to a taste of work before you get them accustomed to the halter and the barn.

A subscriber, Mr. T. P. Pigg, says that if you will scatter a little lime or ashes among your ear corn you will never be troubled with rats or mice. It seems that the lime ruins their eyes and they never pay the crib the second visit.

I have always claimed that such labor as carrying wood, coal, water and the milking of cows is not suited to the average woman's ability. Man's muscle is built for these things and a woman's strength should be saved for the higher duties of the home.

A careful reader of the Furrows says

he has a cistern twelve feet deep curbed with wood. The top is rotting off and it is filling in from the bottom with quicksand. He desires to know, from some other reader, how is the best way to handle this cistern.

We are coming to believe more and more that the work of the road drag is a lasting benefit. Our roads have been in the finest kind of shape this winter, and we believe it is just because the boys got out at different times late in the fall and planed down some of the ridges in the highway.

A Connecticut dairy farmer recently engaged a foreigner by the name of Ole Ogliguski. The employer handed him a three-legged stool and pail and introduced him to his favorite cow, a good, easy milker. Ogliguski placed the stool upside down under the cow, put the pail between the legs of the stool and stood waiting for results.

We still have a few fall vegetables in the cellar, such as squashes, pumpkins, cabbages and beets, and we cannot help but feel that every meal we have of one of these vegetables has fully paid for the time that we took in laying them by last fall. This is one of the advantages of farm life and one that so many people fail to appreciate. Vegetables take the place in man's ration that silage does in that of the animal.

Quails are worth \$1.20 a dozen in the butcher shop, but on our farm they are worth a couple of dollars apiece, if only for their beauty and companionship, to say nothing of the value they are in the summer when it comes to getting away with bugs and caterpillars.

Rabbits are unusually plentiful in our country this winter, and it seems we are no exception to this condition. The mild winter has kept food plentiful and they are as fat and tender as any meat we ever ate.

A great deal of anxiety over kerosene lamps in children's hands can be prevented by the use of tallow candles. Beef tallow only brings a few cents at the butcher shop while if made into a supply of candles will be worth more than one imagines. We use an old candle mold once having done duty in an Illinois log cabin. It makes a dozen candles at a time. If the children drop a candle it goes out; not so with a lamp.

Every farmer should have a scale these days. Farming is a business that is inexact enough when we try to make it as exact as possible. I notice the boys take a great deal more interest in things when they can measure value over a scale.

Stock that has been allowed to run

\$59.50

Freight  
Prepaid

30 Days'  
Free Trial

Wagon-Box  
Manure Spreader

Only Endless Apron Force Feed Spreader Made.

JUST that:  
It's been a long time getting here—but I've got it.  
The Only Endless Apron Force Feed Manure Spreader in the World.  
The Only Wagon-Box Manure Spreader on the market.  
Think of the combination!—Just the two things in a manure spreader the farmer has always wanted.  
The wise ones said it couldn't be done. I've disappointed them.

First—they said a wagon-box spreader wouldn't work. My hundreds of well satisfied customers have already stopped that talk.  
Then—when it came to an endless apron force feed machine—they said, "impossible". Did you have free mail delivery, telephone or a cream separator ten years ago? Nothing is impossible! You will say so when you see how simple and how wonderfully effective my great new improvement is.  
It is simply turning the spreader business right end to and giving the farmer a chance.

Every farmer can afford a Galloway Wagon-Box Spreader.  
I want every farmer in the United States to own one.  
That's why I sell it direct to you, saving you every cent. (Tell your neighbors.)  
Right at the start I am selling this machine for \$59.50, freight prepaid. At retail it would cost you \$75.00. I also save you tying up \$50.00 to \$70.00 in a spreader truck useless eleven months in the year.  
My guarantee is the broadest possible—I back it up to show you that I mean business by a \$25,000 legal bond.  
Then to absolutely convince you I say, "try one of my spreaders for 30 days on my free

"THE ONLY WAY IS THE GALLOWAY—FROM FACTORY TO FARM."



Backed By \$25,000 Guarantee.

Fits Any Truck  
Saves You 50%



William Galloway,  
Builder of the Only Endless  
Apron Force Feed Manure  
Spreader in the World.

plan." Let me send you one to take out in the field to use, or abuse if you want to, for 30 days. If it's not worth more than my price—take it to the depot—ship it back—and I'll return your money.

Why not get everything that's coming to you out of your land? That manure heap outside of your barn will buy my spreader twice over for you.

Every farmer has been saying,—"I must own a spreader."

Forty-nine out of fifty say the old style horse-killing machine is too high in price. Isn't that a fact?

Now, I claim the Galloway is right in every particular.

Made in three sizes—capacity 50 to 60 bushels. Fits any truck, narrow or wide tread. Lightest draft and simplest machine made and the work it does under all conditions is perfect.

Why not let me send you a machine—and let you be convinced by the machine itself, without sending me a cent? I'll do it today if you will write me.

I have just this further clincher to offer you. For a limited time I will make a proposition to the first farmer owning a Galloway Spreader in every community whereby he can

partly or entirely pay for his machine without a bit of work done. It's a strictly business proposition and will positively hold good only for the first few farmers buying. Either send in your check pinned to this ad, telling me the style of truck you use, or write me at once, postal or letter, so I can send you by return mail my free booklet. Address me personally.

WILLIAM GALLOWAY, President,  
WILLIAM GALLOWAY COMPANY,  
100 Jefferson St., Waterloo, Iowa.  
Ask me also for my large Farm Implement Catalog.

down by this time of the year is mighty hard stock to feed and get into thrifty condition before the grass starts. If you have had an experience of this kind this year just make a great big memorandum of it, for this has been one of the easiest feeding winters we have had in years.

**PILES CURED IN 6 TO 14 DAYS.**  
PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

McKeever & Sons' Sale.

One of the most successful Poland China sales held so far this season in Nebraska was that of Messrs. Wm. McKeever & Sons, of Hubbell, Neb., on January 31st. The day was fine and a good crowd of breeders from Kansas and Nebraska gathered to see one of the best offerings of the big kind of Poland Chinas that will go through a sale ring this year. The top price was \$431, paid by Mr. Phil Dawson for No. 11 of catalog, a daughter of Chief L, and from an Expansion dam. Next highest price was \$210, paid for No. 25, a daughter of Mogul, and one of the growthiest gilts that will be sold this year. The entire offering made an average of \$74.80, which was very satisfactory to all concerned. Below is a list of those selling at \$50 and over:

Lot.	Name	Price.
1	Fred McGovern, Hubbell, Neb.	\$76.00
2	W. J. Hather, Ord, Neb.	100.00
3	Albert Strohl, Greenleaf, Kan.	77.50
4	J. Hamilton, Guide Rock, Neb.	105.00
6	Dawson & Sons, Endicott, Neb.	50.00
7	Same	57.50
9	Davidson & Crystler, Dewitt, Neb.	50.00
11	Dawson & Sons	431.00
13	T. J. Charles, Republic, Kan.	67.50
14	Albert Strohl	51.00
15	J. C. Meese, Ord, Neb.	72.00
16	H. C. Dawson & Sons	51.00
17	Thos. Walker, Alexandria, Neb.	61.00
18	D. E. Strong, Ord, Neb.	57.50
21	John Blaine, Pawnee City, Neb.	92.50
22	A. R. Fox, Elberon, Iowa	74.00
25	R. I. Young, St. Joe, Mo.	210.00
28	Davidson & Crystler	150.00
29	John Blaine	102.50
32	Geo. Jotter, Narka, Kan.	56.00
33	Albert Smith, Cadams, Neb.	75.00
35	Davidson & Crystler	50.00
36	Segriss & Stout, Humboldt, Neb.	50.00
39	Sanford & Clark, Kensington, Kan.	92.50
40	Karl Jensen, Belleville, Kan.	50.00
41	H. C. McKelvie, Fairfield, Neb.	66.00
42	Same	66.00

THE NEW SUPERIOR GRAIN GRADER.

The J. L. Owens Company, of Minneapolis, Minn., makes a strong statement in their advertisement on page 10 of this issue regarding their New Superior Grader. The company make certain claims for their "New Superior" and agree to send it out on a thirty days' trial free, freight prepaid, at the end of which time it may be shipped back at the company's expense if this grader does not do everything that is claimed for it. This company ought to be able to make a good grader, because they have been in the business a long time; indeed, they must

### WESTERN NORMAL COLLEGE

SHENANDOAH, IOWA.

Students' Railroad Fare Paid. Approved by State of Iowa. Finest Equipments, Largest Faculty.

1 Normal	9 Business
2 Scholastic	10 Short-hand & Typewriting
3 Literary	11 Post-Commercial
4 Classic	12 Music (Piano, Voice, Viola)
5 Preparatory	13 Education
6 Common School	14 Summer School
7 Teachers' Certificate	15 Correspondence Courses
8 Permanent	16 Elective Courses

\$130.00 pays for one year, 48 weeks, including room and board. \$39.90 for 12 weeks. No vacations. Enters any time. Complete Bulletin mailed free.

J. M. HUSSEY, President, Shenandoah, Iowa.

# Increase Your Corn Crop

**THIS BOOK FREE**

**Will You Write Me a Postal for a 50c Corn Book?**

**Do it NOW—while they last.**

The book is from the pen of Professor A. D. Shamel of the Illinois Experiment Station—recognized everywhere as "the man who knows"—about corn.

It's full of photographic illustrations, and explains fully about selection—modern corn breeding and cultural methods.

The American Corn Expert, Professor Holden, demonstrates his Seed-Testing Machine on page 17 of this book. The book should be in the hands of every up-to-date corn-raising farmer—it will help him double his corn crop.

**All I ask you for this 50c Book**

dresses of three of your former neighbors whom you understand will be in the market for a riding plow this season. It will take only a few minutes of your time, and a postal, and I will send you the book prepaid by return mail.

**See that little girl lift her father with one foot?**

He weighs 196 lbs., and she is only 6 years old—yet she can lift him with only one foot.

WHY—and what does the "WHY" mean to you?

Simply this—it means that the Emerson Foot Lift Plows are the easiest handled in the field of any plow made. FOOT-CONTROL ALWAYS—in or out of the hardest soil. Manage the Plow with your Feet—your Horses with your Hands.

The name EMERSON means easiest to handle—lightest draft—and most durable.

Every EMERSON Gang Plow is equipped with 2000-lb. magazine box and axle. When you buy an EMERSON you buy for a lifetime, not for a few years, because an EMERSON will last as long as you live. I will send you, FREE, our Implement Literature, and the Corn Book if you act promptly and write the postal TODAY. I gave away 100,000 of these books—then the supply ran out. They went like wildfire. I've only a limited number this year, so don't wait till they're all gone.

Putting off may mean I won't have a single copy to send to you.

Write TODAY—Now—while you think of it.

S.H. Emerson,  
Emerson Mfg. Co.,  
Rockford, Ill.

Prof. Holden Demonstrating the Seed-Testing Box

**HOW TO GROW CORN**

make a good grader if they maintain the reputation already established. Some of the finest mechanical principles to be found in any kind of machinery are employed in the make-up of the New Superior, and the man who buys this grader, therefore, gets the advantages of the unique adaptation of these mechanical principles. The company recently published a book on "How to Increase Your Profits." It will be sent free upon application to those of our readers who are interested enough in it to ask for a copy. Address the J. L. Owens Company, 614 Superior St., S. E., Minneapolis, Minn., and please mention this paper when you write.

THE FARMER AND CREAM SEPARATOR.

It is interesting to note the improvements that are being brought out to make the work easier and more pleasant down on the farm, and while the work is much easier done, with improved machinery one is now able to save that which was wasted a few years ago, thereby increasing the profits 25 to 50 per cent. Notable among recent improvements are those made in cream separators. We have in mind the Improved 1907 Model Separators which the Davis Cream Separator Company, 54L N. Clinton St., Chicago, are showing in their new catalog, which they will send to anyone interested, postpaid upon receipt of a request. This improved machine skims to a trace, so close you would never know there was ever any butter fat in the milk, and is easily regulated to skim cream of any thickness, either low, medium or high test, as desired. The wonderful cone bowl is made so perfect it is never out of balance. Another thing: If you knew the low prices these machines are selling at, straight from the factory, you would be surprised and want to buy one, but price is not the only thing about this machine. While prices are low, the quality is high, and each machine fully guaranteed. We would advise anyone interested in separators to write at once for catalog No. 118, addressing as above. With high-grade, standard cream separators selling at such low prices we can't help but feel that any dairyman who does not now buy a cream separator is simply wasting 25 to 50 per cent of the profits he should have, and doing twice the work that is necessary about the dairy.



HINTS, SUGGESTIONS, DEVICES  
AND CONDENSED LETTERS  
FROM CORRESPONDENTS.

A NEW IDEA IN HOG WATERERS.

One would almost think that everything that might be discovered or invented in the line of hog waterers had been brought to light. Still, we doubt if many of our readers have ever seen or had experience with a hog waterer similar to the one which we are about to describe. This waterer has been in use on a certain farm for a number of years and has proved entirely satisfactory; in fact, it has been found to have so many

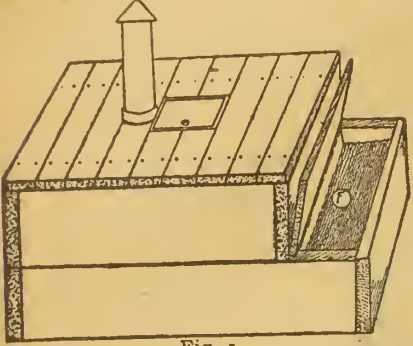


Fig. 1.

superior points that one of our readers has asked us to explain in detail so that its construction will be perfectly clear to each reader. Fig. No. 1 shows the waterer from a side view. The door in the top is for feeding the heater, and

water gains entrance to the tank through a pipe from some supply tank, or else is pumped in. The letter F shows a float on the surface of the water which appears in a small trough to the left of the diagram. This may be covered over in cold weather by door shown in the diagram. The tank throughout is constructed of two-inch material that is matched at the joints, and the cracks are filled with tar or any other material that will prevent leaking.

Now the point of construction in this tank which is different from that of any is shown in Fig. 2. The front side of the trough, from which the hogs drink, has been removed in Fig. 2 for the purpose of making plainer the diagrams. The top has also been left off. The partition between the trough from which the hogs drink and the main supply of the hog waterer, instead of being of wood, is of galvanized sheet iron. The reason for this is that wood is a poor conductor of heat while the sheet iron is a good one. The warmth from the water in the supply tank of the waterer is easily conducted through the galvanized sheet iron partition, and thus keeps the water in the trough from which the hogs drink at a higher temperature than if a

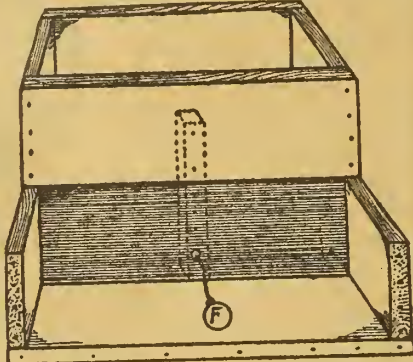


Fig. 2.

wooden partition were used. This is the important feature in the construction of this waterer. Those who have had experience with hog waterers of different types will know how hard it is in real cold weather to keep the water in the trough from which the hogs drink from freezing, even though the water in the tank that supplies the trough is at a fairly warm temperature.

In Fig. 2 the float is again represented by F, which is attached to a copper wire that passes through a hole in the galvanized iron which continues through a 2x4 shown by dotted lines. This hole is generally a half or three-quarters of

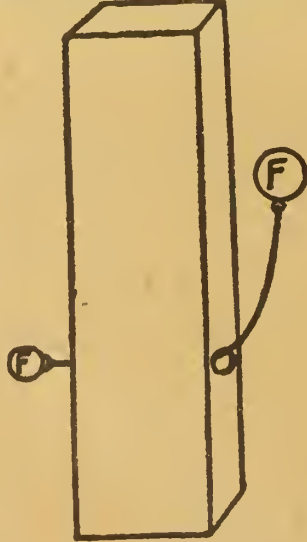


Fig. 3.

an inch in diameter and connects the trough with the supply tank of the hog waterer. Fig 3 shows this 2x4 and the two floats. The float inside of the supply tank is made to close the hole connecting the supply tank with the hog trough. When the water has risen sufficiently high in the drinking trough the float in that trough draws the float on the inside of the supply tank against the hole that prevents further outflow of water.

While this waterer does not differ in most of its particulars from other waterers, it does differ from most of them in that it has the drinking trough separated from the supply by a metal partition. This is the distinct feature about the waterer and it is claimed that one cannot appreciate the difference it makes until he has seen it in actual use.

In the attached illustration our readers will find a home-made wood rack

# Amatite

## ROOFING

# NEEDS NO PAINT

DO YOU USE A ROOFING THAT REQUIRES PAINTING AND COATING?

If so, do you realize that the coating and painting will probably cost as much, if not more, than the first cost of the roof itself?

When you buy a roofing that has to be coated, you must consider the cost of maintenance as well as the first cost. If you do this, you will find that coated roofings cost you just about twice the original cost.

If you try to save money by not coating such roofs they will soon leak and rot away.

The best way out of the difficulty is to buy a roofing that requires no coating, such as Amatite. This Ready Roofing has a special mineral surface which makes painting entirely unnecessary. The first cost of Amatite is the whole cost.

After it is once laid on the roof it costs you nothing to keep up.

Furthermore, the price of Amatite in the first place is less than that of almost any other ready roofing. It is by far the lowest priced of the good ready roofings.

When you get prices don't forget to count in the cost of putting on paint every year, and you will be sure to come back to Amatite as the cheapest and best.

**FREE SAMPLE** Let us send you at once a SAMPLE of AMATITE and a Booklet of information about it. We want you to see how much better it is than the kind that has to be painted.

Address nearest office of the

**BARRETT MANUFACTURING CO.,**

New York,	Chicago,	Cincinnati,	Cleveland,	Philadelphia,	Minneapolis,
Kansas City,	St. Louis,	Boston,	New Orleans,	Allegheny,	



**HARD WEAR**  
is what the SECURITY BOOT was made for. Try it.

**DURABILITY**  
is what you are seeking. Get it by insisting on having the

**SECURITY**  
LYCOMING DUCK BOOT.

It has a Reputation to Sustain. They are made of Pure Rubber and the Best Duck and are

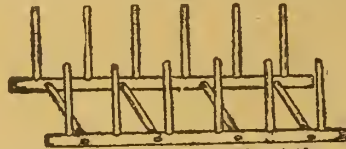
**SNAG PROOF.**

LYCOMING RUBBER BOOTS and SHOES are the best money can buy. QUALITY in every inch of them. If your dealer can't supply you, ask us how to get a pair of SECURITY BOOTS. HAMILTON BROWN SHOE CO. ST. LOUIS.



When writing, mention The Homestead.

which W. F. Carlson, of Hamilton county, Iowa, finds very convenient in hauling poles or cord wood. The rack is described as follows: "Take two poles twelve feet long and four inches in diameter. Trim these down so that they will lie well on the bolsters of the wagon. Bore holes one and three-quarter inches in diameter, two and one-half



feet apart, the entire length of the poles. Into these fit small poles to form the bed of the rack. Now bore holes for the upright stake close to the cross pieces. Cut these stakes four and one-half feet long and fit them. When this rack is used the poles should be piled on lengthwise, while for cord wood the timbers are laid crosswise." Another one of our subscribers finds the rack very handy for hauling fodder as the bundles can be piled up crosswise and kept in very good shape for unloading.

**TO CURE A COLD IN ONE DAY**  
Take LAXATIVE BROMO Quinine Tablets. Drug gists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

**Do Healthy Animals Need a Tonic?**

This question is often raised among stock feeders when considering the use of stock foods. They ask the question, "Does a person in health need medicine?"

It is probably true that if stock were fed for the same purpose that the human being is nourished, there would be no occasion for the use of medicinal tonics under ordinary conditions.

We have most of us learned by experience the evil of over-eating and endeavor to select foods most agreeable to our digestion. Furthermore, we exert an effort to consume only sufficient food to sustain life and repair waste. In fact, we do not aim at putting on weight, and in many cases just the opposite result is hoped for, but if the cow, steer or hog would be given only sufficient food to sustain life and repair waste, no gain would be perceptible; we fully realize that the food consumed that doesn't produce additional weight or milk is entirely wasted, the profit, therefore, being derived from the food consumed in addition to that which is required to sustain life and repair tissue.

Over-feeding, therefore, is a necessity; and the results similar, as in the case of the human. Then again, the animal has not the opportunity of selecting the foods most suitable to its digestion.

Medicinal stock tonics, therefore, must be entitled to a place in the economy of skillful feeding, and the stock preparations that contain the ingredients that have been tested in the medical institutions of our country and found valuable, are being sought after by a large percentage of expert feeders.

Dr. Hess Stock Food is the product of science; it is the result of Dr. Hess' twenty years' experience in the study and practice of medicine, both human and veterinary.

It contains the bitter tonics long known in medicine for improving the appetite and increasing the flow of juices necessary to

**THE HAWKEYE Grain Grader and Cleaner**



**BUILT EXPRESSLY FOR FARMERS**

It is both a grain grader and fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time.

It will clean and grade seed corn.  
It will clean and grade seed wheat.  
It will separate oats from wheat.  
It will separate timothy from clover.

In short, it will do any work required of a fanning mill and grade seed grains besides.

If your dealer does not handle it, write us for illustrated circular and prices. Manufactured by

**PARSONS HAWKEYE MFG. COMPANY,**  
NEWTON, IOWA.

**PATENT YOUR IDEAS**

\$100,000 for one invention; another \$8,500. Book "How to Obtain a Patent" & "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense. Patent Obtained or Fee Returned. CHANDLER & CHANDLER, Patent Attys, 956 F. Street, Washington, D. C.

**PATENTS**  
ORWIC & LANE,  
DES MOINES, IOWA

Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

**Agents:** Sell automatic self-cleaning curry comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co. Dept. 10, Racine, Wis.

assimilation; it furnishes the animal system with iron, the greatest of blood and tissue builders; together with the nitrates of sodium and potassium, which assist nature in eliminating poisonous waste material from the system, and laxatives which regulate the bowels.

Anyone doubting the virtue of a formula of this character has only to refer to the medical authorities of a country or to his own physician or veterinarian.

If you have never used Dr. Hess Stock Food, write to Dr. Hess & Clark, Ashland, Ohio.

If Dr. Hess Stock Food fails to increase growth and milk production sufficient to pay for itself many times over, your money will be refunded.

This paper indorses our guarantee.



DAY BY DAY

Agricola

Are people growing better, or are we growing wiser and weaker? The investigations reveal discreditable conditions, but it should be noticed that the trouble is not a new disease, but one inbred from the past. Agricola believes the world is improving because the evidences are all around. Not that the millennium is here, nor that we can lie down on feathery beds of ease yet, but we can do something and do it with better tools, better conditions, and better results than ever before.

Our agricultural colleges have a better name by far now than they had ten and fifteen years ago, and because they have earned it. For many years they were under suspicion, and under unjust suspicion, and, what is worse, they were also under just suspicion. I have been in more than one of them in former years and noticed their work, and it was not of the kind which inspired confidence. I have seen them testing milk, for instance, for butter fat, and that the curdy, obscure tests could be read accurately no one posted in the art would pretend, but they did not know that the visitor understood the Babcock test, and the readings were written down by guess and stood as a matter of record.

And when the plain matter-of-fact farmer was afterward told in farmers' institutes what the cows of the agricultural colleges were yielding per year in butter fat, and was patronizingly asked to compare it with the returns from his own cows, then he was confronted with fiction in the official guise of fact.

I do not know that such conditions have yet been entirely removed, but I entertain a better opinion and a lively hope, for improvement in some lines is evident. The weight of a fat steer, and its condition are indisputable, and taking first and sweepstakes over all private competitors shows that our agricultural colleges are up-to-date in that line.

But the most striking contrast that Agricola has faced is in the comparison of corn at an agricultural college in the corn belt with one which is north of it. The students and even the professors will actually "point with pride" to corn at one college which would be taken out at dead of night and fed in the dark at another. And yet the corn at one may be as much a credit to the college as is that at the other. "Who does the best his circumstance allows, etc.," is truth, as well as poetry, and the corn best for Wisconsin cannot possibly be best for Kansas.

Mistaken conclusions are not always due to faulty reasoning, but sometimes the reasoning is rational in process yet wrong in the premises. I remember a wide-awake school teacher of pioneer days who taught that rocks grow in size year by year. He farmed in summer and noticed big stones sticking out of the ground which were small and scarcely no-



This is Huttig

Yes, sir, — I can afford to stand back of my roofing because, it stands back of me, and makes my word good as gold. I want you to read every word of this advertisement. I wrote it myself, and you can take it from me that whatever Huttig tells you about roofing is so.

H. W. Huttig

President

Anyway, write for a big, free sample of my roofing and let me send you Booklet B, and special Iron-clad Roofing Guarantee. Write me personally, and do it to-day.

I Stand back of Huttig's Rubber Roofing

With a Written and Personally Signed, Legally Binding Guarantee

MY roofing,—known far and wide as HUTTIG'S RUBBER ROOFING—is a "money-back" roofing in FACT as well as in NAME. I give you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt. That's why! That's the secret of my success with roofing.

Asphalt comes from the famous Asphalt Lake in the Island of Trinidad. About 100,000 tons are brought to this country every year, and a large part of this is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad Asphalt, which protects every particle of the fiber.

Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

Other rubber roofings, which have to de-

pend on Texas and California Asphalts (products of petroleum oil), crack in the winter and "run" in summer.

Test it for yourself. Send for sample of HUTTIG'S RUBBER ROOFING and the others: then do this—Get a small quantity of sulphuric acid from your druggist. Put in the sample of HUTTIG'S and the other roofings. Let 'em soak for 24 hours, and note results.

Remember, that the very gases that constitute sulphuric acid are found in the atmosphere, and it is their chemical action that causes roofings to decay.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc., to lay it.

It can be laid on a flat or sloping roof, across or with the slant of the roof; or on the sides of a building it makes and excellent storm protection.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap.

Now, here's how I feel about it. If you have use for roofing this season, you want the best, which is the cheapest in the long run.

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad, I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it

ticeable formerly. That the frost heaved them up, pushing them into plainer view did not occur to him—they grew as pumpkins grow. Luckily they stopped growing when put in a cellar wall.

And we can circumscribe our own lots. Even adjoining farms have slightly different conditions, and different fields in the same farm require different management and different crops or varieties of seed. That Reid's Yellow Dent is best for one field does not prove that it is best for another on the same quarter section.

Cement and concrete are taking the place of stone as well as of wood. Not only foundations and fence posts and building blocks are now made of cement, but drain tile of cement is an established fact. The corn belt needs tile drainage, and freight charges from the factories increase the cost. This is stimulating the manufacture of cement tiles, for there are sand deposits where there are not clay deposits, and two ways to establish factories doubles the number and halves the freight bill. Agricola has not yet visited a cement

tile factory, but he has examined cement tiles, and they certainly look promising.

Not the least of the benefits of farmers' institutes is that they are teaching farmers to think when standing on their feet and facing an audience. The old-fashioned farmer felt bungling and awkward in public. He could sit and see holes in the other fellow's argument, but he became speedily a victim of stage fright when he arose to express his own views.

And it is not the farmers alone who have found it difficult to speak in public. Educators who are grand in class-work have proven flat and unprofitable upon the public platform. Agricola has attended scores of institutes and never yet heard a good speech from a school teacher or county superintendent. Oh yes, there were essays and written exhortations, pure in precept, systematic in composition, but they lacked vitality, magnetism, pointed application, and that terseness which commands attention. By the same token, preachers there are who can charm and delight when reading the book of Nature to an audience, and there are others who cannot read it clear nor interpret aright what they do read.

The busy world will not stop and stand still for a man to collect his thoughts. The child is not well schooled who can recite his lesson perfectly in a class room where quiet prevails. He must know it though the plaster is falling from the ceiling and there is a clash and a confusion which distracts the uneducated. To be able to solve problems in a crisis, never to be rattled,—that is the test of education.

Strangely enough, many farmers awoke on a winter morning to find their pumps or some other portion of their waterworks frozen. The strangeness comes in because there was no undue freeze-up, and the average weather was mild, but just the same climatic changes always catch many unprepared. And so pipe wrenches and pipe tongs have been in demand and pump heads, if nothing worse, have burst and gone out of commission.

Agricola has lived in the Mississippi Valley long enough to see all the improved farm machinery installed. He has dropped corn by hand, covered it by hand, plowed it with a one horse shovel

Free Book For Men



A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, etc.

This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

DRS. FELLOWS & FELLOWS CO., 323 Rollins Bldg., Des Moines, Iowa

plow making hand hoeing necessary, cut it up and shocked it by hand, husked it by hand. And all haying was hand work and all harvesting but thrashing was done by machinery. An eight-horse sweep power, which thrashed 200 bushels of wheat a day was called a great invention, and all the straw was pitched by hand onto the straw stack, and the grain measured in a half bushel. Good old times! Goodby forever.

"Thou shalt not covet" and "covet earnestly the best gifts" get mixed in the gray matter of the average brain. Take the brilliant electric light of our city cousins and contrast it with the common kerosene lamp of the farm house, we naturally covet the brighter and handier method of illumination. And so far as Agricola apprehends the subject this coveting may fall under the second category, and be commendable rather than a prohibited emotion.

In this issue on page 5 we publish the latest of the Litchfield series, explaining how one of the latest important parts of this modern machine is built. It reads right, looks right, and ought to be right. We think our friends will agree with us.

SAMPLE CREAM EXTRACTOR FREE GIVEN AWAY



Without Money and Without Price, No Deposit, No Note to Sign and Not Even Your Promise to Pay.

We Offer You

Owners of Cows

A CREAM EXTRACTOR that actually separates the cream from the milk by an automatic process that requires no ice, no chemicals, no labor and no extra machinery.

All realize the reckless extravagance and waste of butter fat, in caring for the cream and milk under the old process of crocks and pans. Besides the money loss of the old process, there is the back-breaking drudgery of washing pans and milk vessels, and the time consumed in this work that can profitably be devoted to other duties. Now tie

PEOPLES AUTOMATIC CREAM EXTRACTOR will stop this loss of Cream, money and valuable time. ARE YOU KEEPING COWS FOR PROFIT? If they are not paying we can make them pay. If we can increase the quantity of your cream from 15 per cent to 20 per cent over your present yield, that means more dollars for you, doesn't it? DO YOU SELL YOUR CREAM? If we give it to you cool, fresh and sweet directly after it comes from the cow unaffected by chemical action, that means more dollars, doesn't it? DO YOU USE YOUR CREAM FOR DOMESTIC PURPOSES? If we improve the quality of your butter all the year through by giving you a harder, sweeter butter that will not stale or become sour, that means a great deal to you, doesn't it?

Remember

It won't cost you a cent to take advantage of the above offer, as we will send one Cream Extractor into each community absolutely free, without money and without price. No contract to sign or note to be given, not even your promise to pay at this or any other time. WRITE TO DAY, AS ONLY ONE PERSON IN EACH COMMUNITY WHERE WE HAVE NO AGENT MAY HAVE THE BENEFIT OF THIS FREE ADVERTISING OFFER. SEND US YOUR NAME AND THE NAME OF YOUR NEAREST FREIGHT OFFICE.

Peoples Supply Co., Dept. K, Kansas City, Mo.



## ECHOES FROM A KANSAS FARM.

With only forty hours of sunshine the first half of January, Kansas is failing to live up to its name. However, every winter we have weather, the like of which was never known here before.

Lots of moisture in the soil is not counted as being just the thing for wheat, at this season of the year. Predictions of a poorer wheat crop this year than last, because of this condition, are coming in.

The fields are rough and tough to travel over these mornings, when frozen, and muddy in the afternoons, when thawed. For the only time in two years we have quit hauling manure direct from the barn to the fields. It is believed that we have discovered that putting strawy manure on wet ground does damage instead of good.

The newspapers tell of corn rotting in piles beside the railroad tracks. We know of none such around here, but corn with no cover and no floor is being damaged more or less. Everything it will pay to feed for the market is being fed, and still there is more corn thrown on the railroads than they can handle.

We cannot now conceive of anyone selling thrifty shoats, then hauling off their corn, but some are doing this very thing. Of course they get a good price for the shoats, but think of the work necessary to get the corn to market! And, at present prospects, it will not be possible to do much heavy hauling on the roads until time for spring work.

According to our old way of figuring—and the new way is the same—thirty-five-cent corn means no more than \$3.50 hogs; that is you can take thrifty shoats and produce pork for \$3.50 per hundred pounds, with corn thirty-five cents a bushel. Instead of getting this price, though, sellers of fat hogs are able to command \$6.00 at any of the local shipping points, any day in the week. A man must need to sell his shoats high to make in such a transaction, counting cost of hauling the corn, too.

Someone wants to know what has become of the spading harrow. We know what became of ours. A neighbor blacksmith took the blades to use in his work, while some of the other parts are still kicking around the premises. The dissecting did not take place, however, until the tool was about worn out. It never did the work that the modern disk harrows will do.

The makers of some of the machinery put out twenty years ago must have been marvelously and wonderfully dense. A neighbor bought a disk about that time, with seeding attachment. The spouts carrying the seed down from the seed box stuck forward at an angle of something like 45 degrees. The first time he turned at a corner, the four-horse evener snapped off all but one of the half; when he turned the other way, a like number on the other side snapped off like pipe stems. Such defects cannot be imagined in the machine of today.

All makers of farm machinery seem to have, simultaneously, adopted the use of the hard pine tongue. We have not bought a tool in the past three years that had anything but a hard pine



O. L. Chase  
St. Louis, Mo.

I AM the paint man. I have a new way of manufacturing and selling paints. It's unique—it's better. It revolutionized the paint business of this country last year. Before my plan was invented paint was sold in two ways—either ready-mixed or the ingredients were bought and mixed by the painter. Ready-mixed paint settles on the shelves, forming a sediment at the bottom of the can. The chemical action in ready-mixed paint, when standing in oil, eats the life out of the oil. The oil is the very life of all paints. Paint made by the painter cannot be properly made on account of lack of the heavy mixing machine. My paint is unlike any other paint in the world. It is ready to use, but not ready-mixed. My paint is made to order after each order is received, packed in hermetically sealed cans with the very day it is made stamped on each can by my factory inspector.

**NOTE—My 8 Year Guarantee Backed by \$50,000 Bond.**

# I Am the Paint Man

**2 Full Gallons Free to Try—6 Months Time to Pay**

**I Guarantee Freight Charges.**

I ship my thick pigment, which has double strength, freshly ground, in separate cans, and in another can I ship the pure, old process Linseed Oil—the kind you used to buy years ago. Any child can stir them together. I sell my paint direct from my factory to user you pay no dealer or middleman profits.

## My \$100.00 Cash Guarantee

I guarantee, under \$100 Cash Forfeit, that the paint I am offering you does not contain water, benzine, whiting, or barytes—and that my Oil is pure, old-fashioned linseed oil and contains absolutely no foreign substance whatever.

I guarantee the freight on six gallons or over. My paint is so good that I make this wonderfully fair test offer:

When you receive your shipment of paint, you can use two full gallons—that will cover 600 square feet of wall—two coats.

If, after you have used that much of my paint, you are not perfectly satisfied with it in

every detail, you can return the remainder of your order and the two gallons will not cost you one penny.

No other paint manufacturer ever made such a liberal offer.

It is because I manufacture the finest paint, put up in the best way, that I can make this offer.

I go even further. I sell all of my paint on six months' time, if desired.

This gives you an opportunity to paint your buildings when they need it, and pay for the paint at your convenience.

**Back of my paint stands my Eight-Year officially signed, iron-clad Guarantee.**

For further particulars regarding my plan of selling, and complete color card of all colors, send a postal to O. L. Chase, St. Louis, Mo. I will send my paint book—the most complete book of its kind ever published—absolutely free. Also my instruction book entitled "This Little Book Tells How to Paint" and copy of my 8-year guarantee.

**O. L. CHASE, The Paint Man.**  
Dept. 27 St. Louis, Mo.

## PETITION FOR AMENDMENT OF UNTAXED ALCOHOL LAW

To the Honorable Senate of the United States, Washington, D. C.:

The undersigned respectfully urge the enactment of legislation amending the laws governing the distillation of alcohol, so as to permit farmers or other persons wishing to produce alcohol on a small scale to distill it in suitable locked stills, and to have it denatured without the expense of a denaturing bonded warehouse; and authorizing the Commissioner of Internal Revenue to prescribe regulations permitting the transportation of denatured alcohol in tank cars.

The purpose of the desired legislation is to reduce the cost of denatured alcohol by giving greater facilities for its production and distribution. Under the present laws relating to this subject alcohol intended to be denatured and sold without payment of internal revenue tax must be produced under the same conditions as distilled beverage spirits. These conditions tend to limit the production of alcohol to large distilleries, while the expense of the required distillery warehouse and bonded denaturing warehouse adds materially to its cost. The statutory limitation on the size of the packages containing alcohol prevents its shipment in tank cars, a method of transportation which would reduce its cost to the consumer.

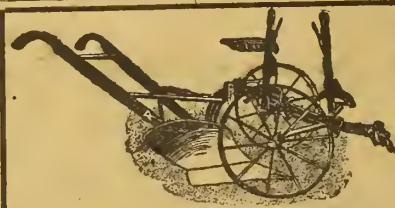
The proposed amendments would not result in the loss of any revenue to the government, and would greatly benefit the farmers of the country both by furnishing them with a material for lighting, heating, and motor fuel purposes, and by creating additional markets for the farm products from which alcohol is distilled.

Please sign and cut out above petition and send it at once to your Senators with a letter urging them to use their influence in favor of the legislation asked for.

tongue. Among this number there has been a mower, grain drill, hay rake and disk harrow. These tools are kept in a dry shed when not in use, and had it not been for this care, new tongues would have been needed ere this. In every other feature, the machinery sold today is much improved, even over that put out just five years ago.

"How to make \$1,000 a year, clear, from an eighty-acre farm," is being discussed in a Missouri farm journal. Several have given their manner of doing it, but even with their figures before him, the practical farmer cannot see how it is going to be done. Remember, now, this means from the eighty acres, no more and no less. It doesn't mean renting land outside for the pasture or hay, or for a field of corn, but it means simply farming just the eighty acres of land. One thousand dollars clear of all expenses, in one year's time, is a big undertaking for the average eighty-acre farmer, on the average eighty-acre farm.

The number coming from the eastern states, or what are, to us, the eastern states, looking for cheaper land, was never greater than right now. Just last week eighteen train loads of homeseekers went through the gateway of the Southwest, Kansas City. Many of these are farmers used to paying from \$5 to \$8 an acre rent for their farm land, and they have become sick of the game which enables them to come out scarcely better than even at the end of a long year of work. Two-hundred-dollars-an-



THE BANNER PLOW COMPANY,

## THE BANNER RIDING ATTACHMENT.

This SAME attachment can be clamped to any right or left-hand, wood or steel beam, walking plow, lister, sod breaker, middle blaster or harrow that is made. ONLY \$15.00 from your dealer or delivered by us to your station. WE WANT AGENTS. Write us for terms, territory and full description.

COFFEYVILLE, KANSAS



## Money for Farm Boys

We buy grain, feed and cotton seed meal bags, and pay highest prices. Collect them from your neighbors and you can make good money at spare times. Write us what you have and we will quote prices.

ST. LOUIS BAG & BURLAP CO., 303 N. Main St., St. Louis, Mo.

acre land is good property to own, no doubt, but it is not always good to farm, as a renter.

### Interesting Reading on Manure Spreaders

It is very gratifying for this paper to be able at this opportune time to put before its readers so much information concerning the wonderful results that the modern manure spreader is producing in this country at this time. We hope the very nice display of advertisements for the manure spreader which will be found in this issue will at least receive the careful inspection of our readers. In connection with this we want to remind our subscribers who have been following the serial story of the Litchfield Manufacturing Company, of Waterloo, Iowa, which has appeared weekly for the last year on page 5, to keep in mind the truths that have been weekly emphasized in these articles. The issue this week on the same page is a fair illustration of the balance of these stories that are to come and which will be published in these columns from week to week. We believe that these articles have been very conservative and although some of the statements are strong, the machine without doubt will substantiate every claim that they make for it. Don't fail to read the present chapter of these very interesting stories and continue to follow them each week, as they certainly will be up with the times and will be interesting.

A storm in winter always catches some who have many odd jobs that might have been done, but they did not expect a storm just yet. Eight or ten weeks from now a great many will rush into the field and sow uncleaned seed



## It Heals Without A Scar.

The great magnetized, soothing and healing liniment—KING CACTUS OIL never leaves a scar.

## Prof. Dean's King Cactus Oil

Speedily cures cuts, sprains, bruises, old sores, swellings, frost bites, chapped hands, barbed wire cuts on animals, harness and saddle galls, mange, itch, and all hurts of man or beast. At druggists in 15c, 50c and \$1 bottles, \$3 and \$5 decorated cans, or sent prepaid by the manufacturers, OLNEY & MCDAID, Clinton, Iowa, if your druggist cannot supply.

because they did not expect seeding to begin "just yet."

HIGHLAND PARK COLLEGE, DES MOINES, IOWA.

The last half of the school year begins February 19, 1907. There are two full quarters of twelve weeks each yet in this school year. New classes will be organized in all preparatory, normal and college work, also in all departments of engineering, pharmacy, music, oratory, commercial, shorthand, pen art and telegraphic courses. Students can enter at this time quite as well as at the beginning of the school year.



## I GUARANTEE THE "NEW SUPERIOR" TO INCREASE YOUR PROFITS

It will clean all your seed; insure bigger crops. It will grade all your grain, so you get the very best prices for it. It will separate all seeds and grain, that can be handled by machinery; and it will do this work more perfect and faster, than any other machine. I must prove all this before you pay me one cent. Prove it to your own entire satisfaction.

### This Proposition Will Interest You

I will send the New Superior Fenning Mill FREIGHT PREPAID to your nearest station. YOU TRY IT 30 DAYS FREE. If after that time you find that it doesn't do all I claim for it, ship it back at my expense. If you are satisfied that it is the mill you want you can pay for it, cash, on time, or installments. That's fair enough, isn't it? My new book "How to Increase Your Profits" is FREE. You ought to have a copy, as it is full of high class farming information. So write for it to day.

Do You Raise Corn? The "OWENS" Corn Grader makes it more profitable. Write for particulars and prices.

J. L. OWENS COMPANY  
614 Superior St. S. E.  
Minneapolis, Minn.



Molds for Cement Posts.

To the Editor of The Wisconsin Farmer:

Molds for cement fence posts may be (like the posts) made in many varying shapes, but for posts four by four inches at the bottom and three by three inches at the top, six feet ten inches long, we use for the bottom or base a piece of two by six-inch pine seven feet long surfaced one side, upon which we nail two strips one-half by one-half by five-eighths inches, six feet ten inches long and four inches from out to out at one end, and three inches from out to out at the other end. These strips form the chamfer on the post and furnish alignment for the side pieces.

In the bottom piece outside of the chamfer strip bore three holes for No. 9 wire, as indicated in Fig. 2, clear through the bottom piece. These holes receive the dowel pin which projects from the side pieces.

The side pieces are made of pine, one inch thick surfaced on one side. They are four inches wide at one end, three inches at the other and six feet ten inches long with the chamfer strip nailed along the top inside edge, and three pieces of No. 9 wire, two inches long, driven about one and a quarter inches into the lower edge, one piece near each end and one in the middle. These wires project about three-quarter inches and engage the holes in the bottom piece, in that way holding the lower edge of the side pieces while the post is still green. (See Fig. 1 and 2.)

One inch from each end of the side pieces cut a saw kerf one-sixteenth of

galvanized end pieces which are made four and a quarter inches by four inches for the butt and three and a quarter inch by three inches for the top of the post. In each end piece seven-eighths inches from each edge, punch four quarter-inch holes (Fig. 3 H. H.) to receive the twisted No. 12 re-enforcing wires. End irons are shaped to hold the sides together, at the same time drawing the sides tightly to the bottom.

Figure 3 represents an end view of the post mold and the different parts have been lettered for sake of description. (S) and (S) indicate the side pieces and on one of them the chamfer strip is marked (C). (D) and (D) represent the dowel pins which engage the holes in the bottom piece. (M) is a mortise for the staple which holds the wire and (H) and (H) represent two of the four holes through the galvanized end piece through which the reinforcing wires pass.

The line post mold which I have attempted to describe is used where these posts are to be manufactured in large

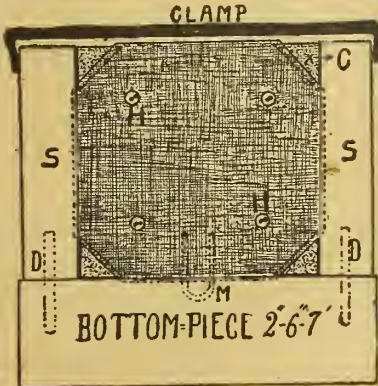


Fig. 3.

numbers, the molds filled at the mixing box and immediately removed to the place where they are to remain until sufficiently seasoned to be removed from the bottom piece. Where only a small number are to be made a piece of one-inch material may be substituted for the two-inch and the mixture carried to the mold. If this thinner piece is used for the bottom it must be supported under its entire length and not moved until the post is at least two weeks old. All corner post molds, brace post molds and brace molds are made of material one inch thick and the mixture is carried to the molds.

Cement posts should be made in a place where there is absolutely no danger of damage from frost during any stage of their manufacture.

Muscatine county, Iowa.

H. N. Macdonald.

Having had some experience in the making of cement posts, I will venture to give your readers a few pointers on their making and construction. While concrete posts are a novelty as yet, nevertheless they have quickly attained a wonderful popularity throughout the country wherever they are made or shown. Their cheapness and durability, together with the simple manner in which they can be made, put them ahead of anything in the post line.

A concrete post made of good materials, properly made and cured, will last forever, while on the other hand a wood or metal post will rot out in a few years. Also, the concrete post has its many

advantages over the wood post, namely, in its neater appearance and heavier weight, thereby making it unnecessary to weight down your fence in going over ditches and other depressions, and also the manner of securing your staples which in a cement post are put to stay, while in a wood post they pull out and rot more or less, making it necessary to keep an open eye on your fence at all times, and last, but not the least, a properly made post with the line wires and staples connected (which in a good post should be) makes a perfect conductor of electricity to the ground, thereby eliminating all danger of lightning striking your fence and going clear around your place killing whatever is within reach.

With a concrete post built as I have said, if lightning strikes anywhere on the wires the current only runs to the

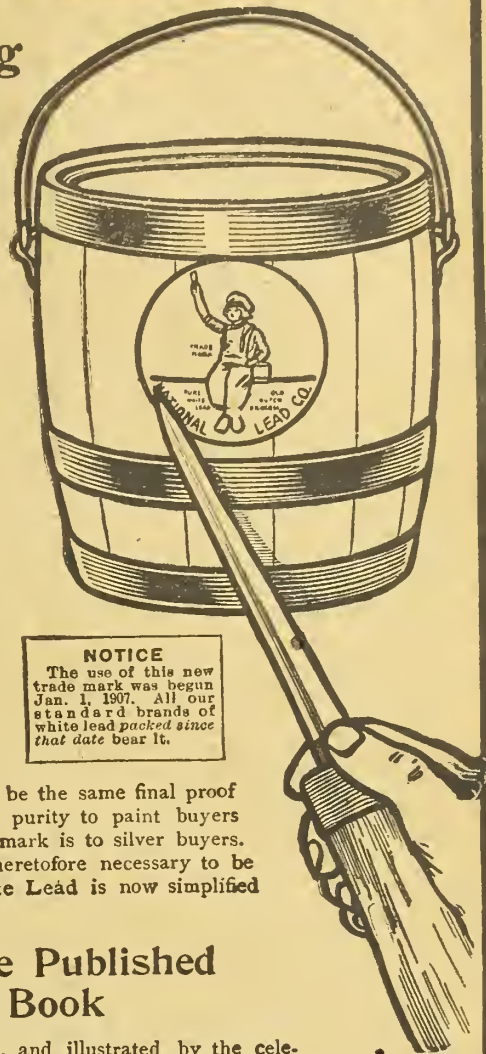
Paint Buying Made Safe

White Lead and Linseed Oil need no argument, no advertising to maintain themselves as the best and most economical paint yet known to man. The difficulty has been for the buyer to be always sure of the purity of the white lead and oil.

This trade mark on the side of a keg means strictly Pure White Lead manufactured by the Old Dutch Process.

It is the hall mark for quality and purity.

This trade mark is for your protection as well as our own. Since (with the exception of one State) it is no crime in law to brand as "Pure White Lead" a keg of anything that looks like white lead, we have registered the trade mark of the Dutch Boy Painter to be the same final proof of quality, genuineness and purity to paint buyers everywhere as the sterling mark is to silver buyers. The care and knowledge heretofore necessary to be sure of securing Pure White Lead is now simplified down into knowing this boy.



NOTICE  
The use of this new trade mark was begun Jan. 1, 1907. All our standard brands of white lead packed since that date bear it.

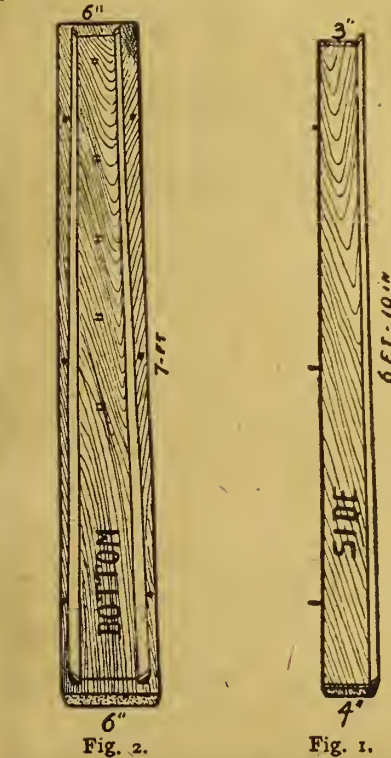
We Have Published a Book

It is handsomely printed, and illustrated by the celebrated artist, Henry Hutt. It is full of practical suggestions and helps to the intelligent use of paint. We will gladly mail a de luxe copy to anyone interested in paint. A postal card request will answer. Address

NATIONAL LEAD COMPANY

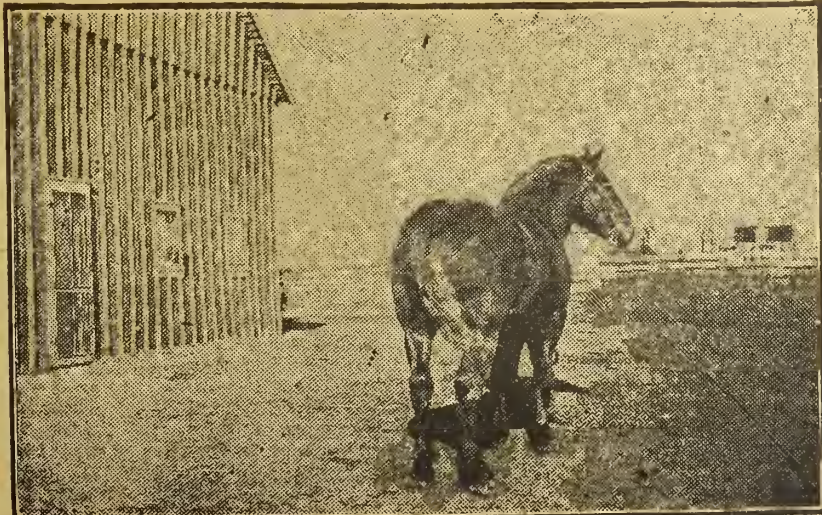
in whichever of the following cities is nearest you:

New York, Boston, Buffalo, Cleveland, Cincinnati, Chicago, St. Louis, Philadelphia (John T. Lewis & Bros. Co.) Pittsburgh (National Lead & Oil Co.)



an inch wide and one-eighth of an inch deep into which, when the bottom and side pieces are set up, are inserted the

Advertisement for Loudon's Double Patent Barn Door Hanger, featuring a picture of the hanger and text describing its flexibility and ease of use.



From a photo of Varlet, imported by Mr. S. J. Miller, of Kirksville, Mo. No retouching has been done and the picture was taken by an amateur. This shows the kind of horses Mr. Miller imports and sells at the barn door at from \$700 to \$1,200. Quality is Mr. Miller's guiding star when buying these horses and he asks prospective buyers to come to his barns at Kirksville, Mo. See page 43 for Mr. Miller's advertisement.

first post and passes from the wire into the staple and thence through the line wire in the center of the post to the ground. As I have said before, concrete posts can be made very cheaply; in fact, they can be made much cheaper than you can buy wood posts for in many localities. The only necessary articles in making good posts is a good post machine or mold, good cement and sand. The cement should be the best Portland, while the sand, to obtain the best results, should be sharp and free from dirt, although most any sand will do. While there is a great variety of post machinery and molds on the market, very few are built to make good posts, most of them being too light to stand the work or being so complicated or inconvenient to use or so constructed that they cannot turn out a perfect post. A mold to turn out a perfect post must be easily taken apart so the soft post will not be injured as it is removed. Most generally the molds are made of wood, they being the simplest and cheapest and, if properly taken care of, the best.

All cement posts should have at least three line wires running the entire length which then makes a very rigid post. The line wires should be at least No. 10 gauge, and better still if No. 8 is used, while the staples should also be of at least No. 14 gauge wire.

As to the proper mixture for concrete posts, it is most generally composed of one-fourth cement and three-fourths sand, though a greater or lesser amount of either can be used. A post as soon as it is made should be kept wet for at least forty-eight hours. The object of this is to properly cure the post and also to make it harder and less liable to check and crack while it is drying.

Garber, Okla.

Subscriber.

There is probably only a few degrees difference between the temperature of the water from the well and that in the storage tank, but we cannot help but feel that the hogs, particularly, and the old cow will drink water direct from the well with a great deal more satisfaction than they will that from the tank.



Harding's Sale.

The R. J. Harding Duroc Jersey brood sow sale proved one of the great sales held so far this season. It was a breeders' sale from start to finish and a great crowd was on hand. The first fifteen head sold averaged \$225, and the entire sale averaged \$125. The top was Dixey Bell, an Orion Dandelion sow, and she went to Mr. O. S. Gilbert, of Conrad, Iowa, at \$400. Col. F. F. Luther cried the sale. Below is a report of the same:

Lot.	Price.
1. H. E. Browning, Hersman, Ill.	\$310.00
2. R. C. Poston, Carydon, Iowa	215.00
3. O. S. Gilbert, Conrad, Iowa	400.00
4. Dr. J. A. Downs, Glidden, Iowa	190.00
5. Grant White, Afton, Iowa	175.00
6. Watson Bros., Creston, Ill.	250.00
8. Wm. Batten, Hastings, Iowa	45.00
10. Watson Bros.	170.00
11. C. M. Dewey, Shannon City, Ia.	155.00
12. W. A. Rankin, Carson, Iowa	165.00
13. H. C. Hall, Brunswick, Iowa	41.00
14. Geo. R. Manifold, Shannon City, Iowa	225.00
15. J. L. Jones, Oakland, Iowa	42.50
16. A. P. Alsin, Boone, Iowa	105.00
17. H. C. Hall	34.00
18. D. A. Sapp, Carson, Iowa	42.00
19. J. A. Russell, Corning, Iowa	157.50
20. H. C. Hall	37.50
21. J. L. Jones	42.00
22. Wm. Alf, Oakland, Iowa	41.00
23. Walter Lynn, Grundy Center, Iowa	51.00
24. W. A. Foster & Son, Greenfield, Iowa	57.50
25. R. C. Poston	57.50
26. J. A. Russell	175.00
27. John Weighton, Audubon, Iowa	190.00
28. W. R. Bennethum, Madrid, Ia.	182.50
29. Wm. Alf	36.00
30. W. H. Rodenbaugh, Macedonia, Iowa	40.00
31. Geo. Bolton, Macedonia, Iowa	42.00
32. O. E. Osborn, Weston, Iowa	320.00
33. Aug. Sonneland, Harlan, Iowa	302.50
34. H. A. Griffith, Bowen, Ill.	200.00
35. Fairchild & Stevenson, Onawa, Iowa	125.00
36. T. H. Isaac, Red Oak, Iowa	40.00
37. Albert Bolton, Carson, Iowa	40.00
38. R. C. Poston	42.00
39. J. A. Russell	38.00
40. Albert Bolton	39.00
41. W. A. McClelland, Clarinda, Ia.	46.00

Dr. Downs' Sale.

The third annual sale of brood sows from the Clovercroft herd of Dr. J. A. Downs, at Glidden, Iowa, on January 26th, brought out a good crowd of breeders, and farmers, and the entire offering averaged \$49. Duroc Jersey breeders present were well pleased with his offering. It was growthy and had considerable finish, and the buyers went right after it. Below is a list of buyers and prices paid:

Lot.	Price.
1. Edmonds, Shade & Co., Kingsley, Iowa	\$100.00
2. W. E. Elliott, Coon Rapids, Ia.	80.00
3. John Tryon & Sons, Lyons, Neb.	65.00
4. O. W. Pyle, Glidden, Iowa	51.00
5. A. L. Davenport, Glidden, Iowa	32.00
6. F. E. Garrett, Lehighville, Iowa	60.00
7. H. A. Cochran, Scranton, Iowa	80.00
8. E. C. Schreiber, Glidden, Iowa	102.50
9. Geo. Lamont, Glidden, Iowa	60.00
10. Frank Plumley, Glidden, Iowa	41.00
11. A. L. Lynch, Mt. Ayr, Iowa	42.50
12. Theodore Schmidt, Carroll, Ia.	40.00
13. Frank Plumley	35.00
14. Roy E. West, Churdan, Iowa	87.50
15. W. A. Staples & Sons, Glidden, Iowa	70.00
17. H. A. Cochran	77.50
18. John Weighton, Audubon, Iowa	80.00
19. A. L. Lynch	77.50
20. J. Coder, Glidden, Iowa	70.00
21. H. A. Cochran	70.00
22. W. E. Elliott	41.00
23. Frank Everts, Glidden, Iowa	30.00
24. A. E. Myers, Glidden, Iowa	25.00
25. Same	29.00
26. Same	33.00
27. A. L. Davenport	30.00
28. E. M. Golding, Glidden, Iowa	21.00
29. A. H. Quinn, Ralston, Iowa	30.00
30. Frank Everts	33.00

A Budget of Real Letters

Here's a "Budget" of real letters written by farmers and stock-raisers in their own language and handwriting.

If you enjoy reading the actual experiences of your fellow farmers telling how they have battled and conquered scab in sheep.

How they have stopped disease among their hogs when they were dying of a rapid rate; how they have rid their stock from ticks, lice, fleas, mange and eczema.

How they prevent these scourges gaining further foothold—this "Budget" will particularly interest you.

You will get a lot of valuable information that may be the means of saving you hundreds of dollars.

These letters were sent to us by farmers who have used Dipolene—that great germ destroyer, preventive and cure of all farm stock diseases.

They are actual, positive evidence that there's nothing you can get which will prove as good, safe and sure a means of keeping disease off your farm as Dipolene.

31. Clark & Tryon, Wausau, Neb.	45.00
32. A. E. Myers	27.00
33. J. Coder	37.50
34. W. H. Dewees, Glidden, Iowa	30.00
35. J. Coder	36.00
37. A. E. Myers	28.00
39. Frank Everts	31.00
40. John Livingston, Glidden, Iowa	30.00
41. A. E. Myers	24.00

THE WONDERFUL SUCCESS OF THE WAGON BOX SPREADER.

The success of the Galloway Wagon Box Spreader, advertisement of which appears on page 7 of this issue, has attracted attention all over the country. It has remained for Mr. Wm. Galloway, president of the Wm. Galloway Company, to put upon the market the first and only successful wagon box spreader now being sold to the farmer. This spreader is being sold direct from the Galloway factory at Waterloo, Iowa, to the farm, freight prepaid. We trust that if there are any of our readers who have not shown sufficient interest to write this company for their catalog that they will do so without any further delay. You may not be going to buy a spreader yourself this spring, but no doubt you are this fall, or in another year. We have told our readers so many times of the value of farm manure for not only improving the soil condition and in the crop, but also its advantage in increasing the value of your land in case you wish to sell, that we feel certain our advice to you to buy a spreader will not be in vain. It will pay you to investigate the manure spreader proposition thoroughly. Have you not a truck on your farm that you could set a wagon box spreader on and in that way get a machine that would fill every purpose for spreading manure uniformly and evenly at one-half the usual cost? We understand that the Galloway Company are selling a machine that will fit any farm truck, narrow or wide tread, that has rear wheels thirty-eight inches high or higher. This takes in the average farm truck. Their catalog which is an exceedingly beautiful one, shows every feature of their machine and will give you a perfect idea of just what their machine is like and as they guarantee it to you and back their guarantee with a \$25,000 legal bond, you take absolutely no risk in ordering of them, under their selling plans, which are very liberal. We do not see how we could do you a greater favor than to urge you to send for their catalog by today's mail. We believe you will want one after you read what they have to say in their advertisement. We know the Wm. Galloway Company to be a firm that is perfectly reliable in every way and we can heartily recommend them to our readers.

A FARMER'S OPINION OF THE FALFURRIAS COUNTRY.

There is only one way to positively know what the conditions in a new country are. One way is to go and see the country and the other is to get the opinion of people who are living there, that have no object in mis-

FROM FARMERS

Telling Their Experiences with DIPOLENE In Their Own Handwriting.

Dipolene is a pure coal tar preparation that is perfectly harmless—non-poisonous. It promptly cures scab, mange, eczema, etc.; kills lice, ticks, fleas, and when sprinkled around barns, sheds, pens, in troughs, etc., is a positive preventive of all stock diseases.

As a dip it is effective and economical. One gallon makes 100 gallons of strong solution. Will not discolor or injure wool or feathers and is beneficial to skin.

DIPOLENE THE ONE MINUTE STOCK DIP

Is a remedy every farmer should have on hand and use occasionally. It's the best insurance against loss from disease you can get. Let us send you this "Budget of Real Letters" to prove our claims. They are better arguments than ours—they are actual facts.

To convince you of its true merit without risk we allow you

30 Days Free Trial!

Buy a can at your dealers—if he does not hand it send to us direct—we pay the freight. Try it 30 days, if not as represented send it back at our expense. Isn't that fair? You can't afford to risk loss by not taking advantage of this liberal offer.

Marshall Oil Co., Dept. D1, Marshalltown, IA



Why Don't YOU Go To Washington

Wenatchee, Wash., Oct. 2, 1906.

Max Bass, Dear Sir:—Answering your inquiry would say that I have 14 acres in apples. From these I expect to pick this year from 10,000 to 12,000 boxes. I have already picked over 2,000 boxes, and from the yield so shown, have no doubt that the whole yield will be from 10,000 to 12,000 boxes. One acre of extra heavy apples is averaging 20 boxes to the tree and the trees are twenty feet apart, 110 to the acre, or in other words, the yield will be 2,200 boxes.

My apples so far have averaged \$1 per box net, and I expect to get a higher price for the later varieties.

Yours truly, B. B. Holcomb.

and Make Money Growing Fruit

There are countless opportunities in the State of Washington for a man to establish a good home in a short time. There is money in fruit raising in the Wenatchee Valley—money in wheat in the Big Bend Country. Diversified farming in the Puget Sound region pays well. Land is cheap and the mild climate renders homemaking easy. Bulletin on Washington mailed free on request.

LOW COLONIST RATES DAILY,—MARCH and APRIL

—VIA THE—

Great Northern Railway

MAX BASS  
General Immigration Agent  
220 SOUTH CLARK ST., CHICAGO, ILL.

A. L. CRAIG  
Passenger Traffic Manager  
ST. PAUL, MINN.

ALASKA—YUKON—PACIFIC EXPOSITION, SEATTLE, JUNE—OCTOBER 1909.

Just Ask for Our SPECIAL PRICE On this CHATHAM Fanning Mill

Our answer will surprise you. Why? Well, there will be a lot of surprises. First, the price that we will quote you. Second, the easy terms on which we will let you pay for the mill.

Third, the Chatham Fanning Mill will actually, clean, separate and grade (yes, sir, we said grade, and we mean it!) from 40 to 80 bushels per hour—its capacity is wonderful—its ease of operation is remarkable—its all-around usefulness and its importance as a profit-maker makes its owner wonder how he ever got along at all without a Chatham.

The Chatham Fanning Mill will handle all kinds of grain and seed. It tackles any kind of a job.

30 Days' Free Trial

Freight

and riddles—a patent bagging attachment which saves one man's time, and more special, practical features than we have space even to name here.

Our idea is to build the Chatham so complete and perfect that the mill sells itself. We will ship you a Chatham Fanning Mill on 30 Days' Free Trial, freight prepaid, no matter where you live. Use it all that time, free, while you are making up your mind whether to buy it or not. If it doesn't do all we say it will, send it back at our expense.

We're not going to let you keep it if it doesn't do the work and do it right! Selling Fanning Mills on the plan we do—direct from our factory to the actual user—the very life of our business depends upon the satisfactory working of the mills we put out.

All we ask is that you try the Chatham and let it prove itself—let it show how it can quickly put its own cost back in your pocket and make a profit for you. The Chatham Fanning Mill isn't a luxury. It's a necessity! You need it on your farm right NOW. Send for the Chatham Book FREE. It tells of over 100 ways to increase farm profits. Tells how to stop the losses and make every cultivated acre on your farm yield crops in abundance. It's a regular Bureau of Free Information on Grain, Breeding, Planting and Seeding. It tells everything in a mighty sensible interesting way. Get it. Read it. Profit by it. Sent promptly, postage paid, if you just ask for it on a postal card. If you live west of the Mississippi, write our Topeka office; if east, write to Detroit.

THE MANSON CAMPBELL CO. Ltd.  
Box 513, Topeka, Kas. 513 Wesson Av., Detroit, Mich.  
We have 24 Branch Warehouses and make prompt shipments.

representing. Readers of this paper are familiar with the claims made for the Falfurrias district in the Gulf Coast country of Texas. The following letter, written by a former resident of Pleasanton, Kan., will be of interest to many who have read the articles on the Falfurrias country published heretofore: "Falfurrias, Texas, Jan. 21, 1907. Mr. James Kennon, Pleasanton, Kan. Dear Sir:—Mr. Fultz has asked me to write you giving you something of my views of this country. Will say that I came down here last July, after traveling over considerable of the country after leaving Pleasanton. When I first came to this country I was very much discouraged, and when Mr. Fultz told me that he was going to see Joe Franklin asking him to come down here, I told him I was going to write to him and tell him not to come; but after having lived here a time I changed my mind very materially. I think that this country is one of the most wonderful countries I have seen, and believe that the opportunities here are simply great. The farmers here, out of their truck crops, are making from \$50 to \$200 or \$300 per acre per year. One man I know of, off of water melons cleared about \$80 an acre. I think this country is much better than California. Mr. Fred Speakes came down here a couple of weeks ago and bought eighty acres of land, and his father is now here also. My advice to all the boys up in Bates county is to come here as soon as possible. The health of this country is fine; the climate is fine; it does not get too hot in summer, nor cold in winter. Kindly tell all the boys up there what I think of this country, and oblige, yours truly, R. G. West." There is surely no comment needed on the above letter. This is the opinion of everyone that goes to Falfurrias and stays there long enough to learn what the country is. About a year ago Mr. George Gibbons, who then lived at Lee's Summit, Mo., wanted to go to Falfurrias, but the members of his family persuaded him to go to Florida. After one year of farming in Florida and a more thorough investigation of the Falfurrias country, Mr. Gibbons has decided to move



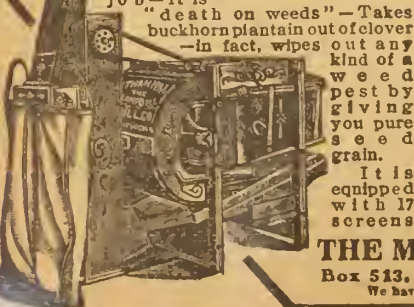
THE KEMPER DISK FURROW OPENER

Will increase the yield of Corn, Cane or Cotton 25%. Guaranteed to pay for itself in one day. Works on any planter. Write for circulars and prices.

WALKER MFG. CO., Council Bluffs, Iowa

When writing to advertisers please mention this paper.

to Falfurrias and will go there at once and buy land. He is determined that nothing shall change his purpose this time. Such examples ought to be enough to decide the doubters that Falfurrias is the place. You can buy land there now at \$15 per acre. Think of raising crops that way from \$50 to \$300 per acre on \$15 land. Corn, cotton, forage crops, sorghum, alfalfa, beans, etc., have been raised successfully without irrigation, by Mexican farmers in their crude way of cultivating lands, for the last twenty-five years. What can the American farmer do with his improved methods and implements. And with the expenditure of a few hundred dollars he can establish an irrigation plant which absolutely assures big crops regardless of season. Those who are interested in bettering their condition now, and providing for the rainy day or old age should not pass this opportunity. It's your chance to help yourself and your children to a competency. Read every word of the advertisement of the Falfurrias Immigration Company, of Kansas City, on page 27, and write this firm for illustrated literature and latest map of Texas, free. Do not wait—prices are advancing.





February 7, 1907.]

## CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kan City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

STOUT'S Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

BARRED Plymouth Rocks for sale. 300 cockerels, hens and pullets at a bargain. Large-boned, vigorous, farm raised, scored birds that win. I have developed heavy egg producing strains. Mrs. A. A. Berry, Box 126, Clarinda, Iowa.

RILEY'S Pure Barred Rocks, Hawkins-Thompson strain. Get eggs of us if you want good value. There's a reason. Ask why and get prices. Any number. Orders now or later. Mrs. J. Willis Riley, Box 54, Grand River, Iowa.

SCORED and un-scored, Barred and Buff Plymouth Rocks. Rose Comb Brown Leghorns, Mammoth White Holland and Bronze turkeys, large Pekin ducks and Scotch collies. Alden Poultry Yards, Alden, Iowa.

MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks. 100 choice cockerels for sale. Eggs in season.

FOR sale, White Plymouth Rocks, a large number of cockerels and pullets, good size, pure white, prices reasonable. Mrs. B. Treloar, Ogden, Iowa.

75 BARRED Plymouth Rock cockerels for sale, nicely barred and with large bones. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

PURE BLOODED White Rocks for sale, cockerels \$1, pullets 75c each. Eggs in season. H. F. Allen, Blairburg, Iowa.

## LANGSHANS.

BLACK Langshans, pure bred. Pullets 75c, cockerels \$1. Must dispose of my stock at once. Prices and quality guaranteed. G. F. Neel, Gilmore City, Iowa.

100 BLACK Langshan cockerels from pens scoring 98 to 95 four firsts, grand sweepstakes, Creston Fair. Philip Stalcup, Lodi, Iowa.

## RHODE ISLAND REDS.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show. \$2 for 15. C. A. Keuworth, Oskaloosa, Iowa.

FOUR S. C. Rhode Island Red cockerels, from World's Fair prize winners, red to skin, rustlers. Eggs in season—reasonable. Frank Coy Kendall, Farragut, Iowa.

SINGLE Comb Reds. A few cockerels at closing out prices. Hites Bros., Beacon, Iowa.

## COCHINS.

CASEY'S Partridge Cochins won again at Iowa State show. Can sell you beautiful exhibition bird for \$10; good farm and market birds, \$1.00 to \$2.00. W. J. Casey, Knoxville, Iowa.

## MINORCAS.

BREEDER of Single Comb Black Minorcas exclusively. Cockerels for sale. J. C. Tubaug, Blakesburg, Iowa.

## TURKEYS.

PURE bred White Holland turkeys, large, fine, pure white birds. Toms \$4, hens \$3. Mrs. H. H. Owens, Homestead, Iowa.

MAMMOTH Bronze turkeys, sired by a 40-lb. tom. Walter Ames, Albion, Iowa.

## HORSES.

DRAFT STALLION for sale. Also salesman wanted to put horse in a company. Equity in 80 acres in Iowa for sale or trade for cattle. W. J. Carey, Homestead.

J. H. BARNETT estate will sell seven young Percheron stallions at a sacrifice for the next two months. J. H. Dyke, Administrator, Indianola, Ia.

STANDARD bred trotting stallion for sale. Registered, weighs 1300, a sure foal getter and has the colts to show. Geo. B. Fridell, Robinson, Kan.

## CATTLE.

MAPLE BROOK Hereford Bulls, twelve to twenty-four months old, sired by March on 5, Beau Donald 37. Extra good quality Poland China boars. Prices reasonable. J. W. Hildreth, Slater, Iowa.

FOR SALE—HEREFORD CATTLE, all ages, both sexes, well bred, good quality and individuals, good flesh. Write to Charles F. Kater, Grant City, Missouri.

## WYANDOTTES.

SILVER, Golden and Buff Wyandottes. 100 cockerels at \$2.00 each, scored birds, Eggs. Iowa State Fair, Iowa State Poultry Show winners. Catalog. V. G. Warner, Bloomfield, Iowa.

15 WHITE Wyandotte cockerels. They are simply fine. Write me about them. This will not appear again. I. J. Hay, Mingo, Iowa.

TEN WHITE WYANDOTTE cockerels from prize winning stock, \$1.50 each if taken soon. Mrs. C. F. Kater, Grant City, Mo.

GOLDEN, Silver and White Wyandotte cockerels, nice birds. Leading strains. W. W. Coun, Parkersburg, Iowa.

30 WHITE WYANDOTTE cockerels. They are beauties. Write me about them. S. W. Harr, Riverside, Iowa.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

## LEGHORNS.

S. C. W. LEGHORN cockerels. Write for score cards. Winnings at Ames Show, first pullet, first hen, first cock, fourth cockerel, third pen. Clinton Morning, Rural Route 3, Madrid, Iowa.

LEGHORNS, Single Comb White exclusively. Eggs for hatching, breeding and prices right. Write for descriptive circular. I guarantee satisfaction. H. M. Humphrey, Lake City, Iowa.

100 SCORED S. C. W. and B. Leghorns 93 to 95% both sexes, 33 firsts, 28 seconds, sweepstakes pen over all. Pekin ducks, Scotch Collie pups. Write wants. Sven Skeie, Story City, Iowa.

SINGLE Comb White Leghorn cockerels, White Holland turkeys, from the high scoring stock of the White Plume Poultry Yards, Route 1, Webster City, Iowa.

ROSE Comb Brown Leghorns exclusively. The best lot of cockerels ever raised at Pike Timber Stock Farm, for sale. T. A. Davenport, Belmond, Iowa.

ROSE Comb Brown Leghorn cockerels, fine birds, 75 cents and \$1.00 each. Forty at a bargain for the lot. Mrs. Laura Mather, Clarksville, Iowa.

## MISCELLANEOUS POULTRY.

BLUE Ribbon Poultry Club won this winter 40 1st premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Sebright and Black Tail Japanese bantams, Bronze turkeys, Rouen ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter (secretary) Clarinda, Iowa.

EGGS for hatching from 35 leading varieties of high-class poultry. Send 4c. for our book describing our plant, fowls, incubators, brooders and Holstein cattle. Larkin & Herzberg, Maple Grove Poultry Farm, Box O, Mankato, Minn.

WANTED, to buy a large number of Cornish Indian Games, Minorcas, R. C., R. I. Reds and Houdans. Write describing what you have giving lowest price. Dean Swift Poultry Co., Des Moines, Iowa.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianola, Iowa.

PURE BRED Mammoth Bronze turkeys, Barred Rock and Light Brahma cockerels and hens for sale. Prices low. J. L. Goddard, Route 2, Waucoma, Ia.

CHICKS—We ship thousands each season. Stamp for booklet and testimonials. "Hatchery," Box 5, Freeport, Mich.

## DOGS.

FOR SALE—Some choice Collie pups from working parents. Males, \$7; females, \$5. Leroy A. Hayes, Rt. F. D. 7, Knoxville, Iowa.

## BOGS.

A FEW very fine August and September Berkshire boars for sale. Good individuals and correctly bred. No fancy prices asked. Will be registered and transferred. C. E. Peirce, Germania, Wis.

FOR SALE—Growthy, smooth, Poland China gilts bred to a large, lengthy, big boned son of Perfection E. L. 71635. Satisfaction guaranteed. H. G. Boyer, Lovilia, Iowa.

30 POLAND China and 20 Duroc Jersey bred gilts for sale, weight 200 to 275 lbs., every one guaranteed. Joseph Bouska, Route 2, Calmar, Iowa.

FOR sale, improved Chester White bred sows and gilts of best strains, at right prices. A. J. Johnson, Brighton, Iowa.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

G. C. KENNEDY, Patent attorney, Waterloo, Iowa. Write for booklet.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## AGENTS WANTED.

FARMER AGENTS wanted in every township where corn and stock is raised, to handle the "New Ideal" Seed Corn Tester and "Daisy" Stock Food, Worm Powder and Dip. Address, Ulbrich Seed Corn Tester Co., Atlantic, Iowa.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

## WANTED.

CREAM! CREAM! We have advanced our price for first grade cream. Ship us your next can, be convinced our methods are best. Des Moines Creamery Co., Des Moines, Iowa.

WANTED, buyer for Powers well machine, used eleven months, will sell cheap to settle an estate, 2 augurs, 125 ft. rods. Will Drake, Kellogg, Iowa.

## REAL ESTATE.

FOR sale, 200 acre farm, Marion county, Ark., seven miles from Yellville, county seat, well fenced, fair, good buildings, best spring water. Products, wheat, corn, cotton, alfalfa, and other, grasses, apples, peaches, and small fruits in great variety, mild and healthful climate, price \$4,000, half cash, balance on time. J. Fred Woltz, 3946 A Botanical-av., St. Louis, Mo.

1,143 ACRES of rich, black land in Holt Co., Mo., all level, overflow; fair improvements; price, \$60 per acre, encumbrance \$14,000 to run 10 years at 5%. Lies on the main line between Kansas City and Omaha and between two good market towns. Owner will take part exchange, part cash for his equity to make quick deal. Address, Box O, Greeley, Neb.

TREGO COUNTY, KANSAS FARM BARGAIN—800 acres choice, all smooth land, fine house, barns and granaries, 3 good wells, 2 windmills, all fenced and cross-fenced, 320 acres now under cultivation, well located. Also other good bargains in improved and unimproved lands. Call on or write, J. W. Phares, Wamey, Kansas.

KANSAS FARM BARGAIN.—320 acres choice land, good house, barn, granary, cribs, good wells, windmill, orchard; 180 acres in cultivation, 20 acres alfalfa, balance pasture; all fenced, 135 acres growing wheat goes with sale. I have other good bargains. Call on or address, J. K. Bremyer, McPherson, Kan.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce Bldg., Minneapolis, Minn.

THE Buckeye farm in Harper county, Kansas. Improved 320 acres, \$20 per acre, would take a few cattle, horses or stock of goods not to exceed two thousand dollars. For particulars write, Jas. W. Tysor, Anthony, Kan.

A GOOD improved 240-acre farm, close to town and school; large grove and apple orchard. Price, \$70. Wanted thoroughbred cattle. Address, Box 21, Ocheyedan, Iowa.

\$500.00, HALF CASH, buys 120 acres good level land, half under cultivation, balance timber; house, barn, fruit, well; station 6½ miles. Frank Pearce, Fredericktown, Mo.

FOR SALE—Farms, Reno and adjoining counties, ranches, west, special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

KANSAS, Oklahoma and Texas lands. We are located in the finest wheat, corn and alfalfa country in the world. Write us. Southwest Land Co., Newton, Kansas.

BEILEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

FOR sale, by owner, a very good farm of 180 acres, six miles from town. Address, Box 606, Indianola, Iowa.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

SNAPS—440 acres, fenced, two room house, good water, valuable timber, some in cultivation, \$6.25 per acre. 560 acres, four miles from good town, valuable timber, 40% tillable, \$7.50 per acre. 280 acres, fenced, good grass, good water, valuable timber, across road from school, \$7.50 per acre. 60 acres, fenced, good well, fine prairie land, a bargain at \$1,500.00 including rental wheat. Good title abstract, long time on all above tracts. Waldo P. Johnson, Osceola, Missouri.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

IDEAL POULTRY LAND. Forty acres, half timber, balance cleared; excellent market facilities. Price right, terms easy; also one hundred and twenty acres smooth, good grain, grass and alfalfa land. Small house and barn; well fenced; fronts public road; telephone and mail; station handy. A bargain. See or write Fred L. Seltzer, Harris, Mo.

FOR sale, fine fruit, stock and grain farm, 5 miles of new railroad, 160 acres in tract, 60 in cultivation, 40 more good land, balance rough; good timber, good orchard, good water, fair improvements, 5 miles to county seat, perfect title, price, \$1,500, for quick sale. If you want a farm at a bargain come at once and see this one. Holt Realty Co., Waynesville, Mo.

COME to the land of the big red apple, best fruit, farming and stock country in America, lots game and fish, no negroes, best water in the world, excursions first and third Tuesdays in each month, expenses free to buyers, first payment, \$200 to \$600 down and \$100 a year. Davis Bros. Realty Co., Richland, Pulaski county, Missouri.

320 ACRE FARM in Sherman County, Kansas 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

SALE OR TRADE—For merchandise, \$23,000 equity in 1,450 acres. Hardware or general stock preferred. For central or north Kansas improved farm, \$16,000 equity in eastern Kansas land. For farm, \$8,000 furniture and undertaking. Lock Box 104, Fredonia, Kansas.

FOR sale, Vernon county, Mo., 920 acre stock farm, highly improved, abundantly watered, seven miles to good market. Here is an opportunity for a lively stock man, price \$53,500, half cash, balance on time at 5%. J. Fred Woltz, 3946 A Botanical-av., St. Louis, Mo.

160 ACRES, 2 miles from Severy, Greenwood county. Nice smooth land, 125 acres cultivation, 30 acres tame grass, well fenced, house 7 rooms, good barn and other out buildings, good orchard, 2 wells, wind pump, \$40.00 per acre. Write L. E. Glasco, Severy, Kansas.

FOR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

## MISCELLANEOUS.

STRAWBERRY plants that grow. Best varieties, also raspberry, blackberry, gooseberry, currant and grape plants, asparagus roots and seed potatoes, in assortment. Do bill of 25c free to each inquirer for my new 20 page catalog. C. E. Whitten, Box 24, Bridgman, Mich.

THOUGHTFUL women use Balm of Figs Remedies and cure themselves of all female diseases, in the privacy of their own home. Free booklet. Address, Mrs. John R. Hill, Corresponding Secretary, Des Moines, Ia. Lady managers wanted.

HEAVENS—English Heave Remedy, new and only scientific cure of heaves and coughs. Send ten cents for trial package. Regular size one dollar. Chambers Mfg. Co., P. O. Box 315, Rochester, N. Y.

HOME grown, pure reseeded Kerson oats and Champion Beardless barley, either one 60 cents. Bags free F. O. B. Dement, Thayer, Iowa.

SHIP your hides and furs to H. Gutman & Co., where you will get the highest market price for same. 106, Second street, Des Moines, Iowa.

WE WANT your logs, picket bolts and saw timber. Can quote you best prices. Geo. D. Longshore, Eighth and Elm, Des Moines, Iowa.

A SCHOLARSHIP in a Kansas City Business College for sale cheap. Address at once, Thomas, Box 67, Des Moines, Iowa.

## The Week in Kansas.

To the Editor of The Homestead:

The first week of the new year seemed to set the standard of weather for this winter. At any rate, as it was the first week in January, so has it been the rest of the month. What February will be remains to be seen, but tonight ends forever the month of January, 1907, and it has been a month of weather the like of which we will never be slow to part with.

There has been a little of every kind of weather the past week. It has rained, snowed, misted, sleeted, the sun has shown—a little—about as it would shine in May; the wind has blown and it has not blown. There has been more of the disagreeable weather than the agreeable, though. It has not been cold, as cold could be measured at mid-winter. Perhaps, on this account, we should not be too keen to complain. With the local paper from the old home in the Green Mountain state telling of 30 to 40 below zero, and the daily papers claiming very

little better for the present temperature of the states further west along the Canadian border, our little squalls seem small in comparison, and should not give us reason to find fault.

The roads have been bad all through January. When thawed, the mud has not been deep, but when frozen, as has been the case most of the time, they have been rough. Traveling is still in such shape that very little hauling is being done. Corn is remaining in the cribs. Perhaps, as some say, not being able to haul it now, when many would like to, will prove a blessing in disguise. Yet, the man with all the field work he can handle as soon as spring opens, will not have the time to market grain then. He would like to do it now. But that is the trouble here in Kansas; we plan on doing too much of our work during the winter, having been able, during many winters of the past, to work almost without interruption from January to March. Further

north farmers do not expect to do regular work during this time, so never are disappointed.

The weather this morning is of the "standard" sort; it is keeping right up with the pace set. There is a thin coating of frozen rain and sleet on the ground, with a little being added to it from the low-flying, foggy clouds. When January is left behind, at midnight tonight, we hope the brand of weather the month has been noted for will go with it. "Do something, then quit," is what all want to happen, expressing it as the man you meet does.

Henry Hatch.

Coffey Co., Kansas, Jan. 31, 1907.

## Why Not Visit California

this winter? There will be an especially low rate during March and April—colonists' second-class one-way tickets \$33 from Chicago. A corresponding reduction in rates will be made from all points on the North-western Line.

Our daily and personally conducted

tours offer many advantages to the traveler, among which is our service of Pullman tourist sleeping cars, through without change Chicago to San Francisco, Los Angeles or Portland, in which a double berth costs only \$7.

First-class round-trip tickets with very liberal return limits are sold daily. Consult the nearest agent of the North-Western Line for full information regarding rates, routes, etc.

## HOMESEEKERS' EXCURSIONS.

On the first and third Tuesdays of each month, the Iowa Central Railway will sell round trip excursion tickets to points in the North, Northwest, South, Southwest and Southeast. The rate is only one fare plus \$2 and less, with liberal stop-over privileges.

Tickets sold to points in the following states: Minnesota, South Dakota, North Dakota, Arizona, Arkansas, Colorado, Idaho, Indian Territory, Iowa, Kansas, Louisiana, Mexico, Missouri, Nebraska, Montana, New Mexico, Oklahoma, Texas, Utah, Wisconsin, northern Michigan, Wyoming, etc. For rates and full particulars call on agents or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.





## The Louse Question

When your animals rub incessantly at this season of the year, look out for lice. This is especially true of calves and colts. To meet this condition Dr. Hess (M.D., D.V.S.) formulated the famous Instant Louse Killer, which kills lice on stock and poultry.

## INSTANT LOUSE KILLER

Kills ticks on sheep. It, being a powder, can be applied in zero weather. Do not wait for warm weather; do not let the tick eat up your profits; kill him on the spot with Instant Louse Killer. Put up in round cans with perforated top, full pound 25 cts. Sold on a positive written guarantee. Be sure of the word "Instant" on the can; there are 25 imitations.

1 lb. 25c { Except in Canada  
3 lbs. 60c { and extreme  
                  West and South.

If your dealer cannot supply you we will forward 1 lb. by mail or express, prepaid, for 35 cents.

Manufactured by  
**DR. HESS & CLARK**  
Ashland, Ohio.



## Do Your Own Thinking

Just because someone tells you that some other Separator is as good as the "IOWA" is no reason why you should believe it. Letting other people do your thinking is too expensive. You cannot afford such luxuries. Investigate for yourself. Use your brains for your own benefit—they were given you for that purpose. If you do this you will discover that there is just one machine which takes out all the cream, and that is the "IOWA." The dairyman is fully entitled to all the profit there is, even to the last cent. He gets it only by using an

## Iowa Dairy Separator

Write today for catalog 25, and let us send you plenty of proof to back up all we say in this advertisement. Separator made in all sizes from 250 to 750 pounds. Invest one cent in a postal card and learn how to save \$100. Do it today.

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

**WANTED:** Single man to work on dairy farm, must be a good milker, also capable woman to do general house work. Parties must come well recommended. Address, Box 37, R. F. D. No. 4, Rockford, Ia.

**ANCHOR FIRE INSURANCE CO.**  
BEST terms for farmers ever offered. Capital stock \$100,000.00. Address, J. S. Clark, president, Des Moines, Iowa.

When writing please mention this paper.

## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### A FAIR PRICE FOR FARM BUTTER.

There are a good many pounds of butter produced on the farm that are made up into neat packages or tubs and sold direct to city or village customers. Around every city there are always a few people who follow this plan of marketing their dairy products. The plan has its advantages as well as disadvantages. Where butter can be contracted to private parties the year round for twenty to twenty-five and thirty cents a pound, there is generally good money in selling this way.

As a rule, farmers do not receive enough for their butter when they market to private homes. The question of placing a price on the butter for once in the marketing of farm produce falls to the farmer. Often the farmer leaves it to his wife, who hesitates in placing the price per pound sufficiently high to allow of a reasonable profit. She places herself in the position of the person who is buying the butter and it is generally her conclusion that if she had to buy butter at the price that would be allowing her a neat profit, it would be most extravagant buying. However, she does not realize that there is more work to be paid for than that of her own hands. Besides the making of the butter, there is the outside labor to be paid for, there is also feed, interest on the investment, wages, risk, and a great many other things to consider which should be fully taken into account in fixing the price for the butter.

There naturally comes a time in the summer when the price of butter drops, and then butter sold to private parties generally brings several cents over the market quotations. Again, in the winter the farmer who contracts his butter often is getting a price below the market quotations, so that it is a good plan in determining a price for contracted butter to consider this side of the question. A few cents above the average price the year round is not exorbitant in the least, since it is worth that much to the city customer to know that he is going to have a regular supply of butter of uniform quality.

Butter can hardly be produced these days for the same cost that it could a number of years ago. Throughout a large portion of the corn belt the price of land has doubled in no longer a period than the last ten years. The cost of labor has increased almost proportionately, likewise the cost of building materials and machinery. All these things must be taken into account when the dairyman or farmer contracts to deliver so many pounds of butter the year round, and the generous-hearted farmer's wife need not be afraid of asking a good price for her farm product.

### SOURING CREAM TO PREVENT BAD-FLAVORED BUTTER.

It probably sounds contradictory to general practice to recommend the souring of cream immediately after it has been skimmed or separated in order to prevent it from developing undesirable flavors. However, it is a practice that can be followed with good results and is based on perfectly sound reasoning.

The plan is based on the fact that as soon as lactic acid has developed in the milk sufficiently to give it a sour taste the unfavorable bacteria in the cream—that is, those kinds that produce these undesirable flavors—are checked in their development. As is generally known, these unfavorable bacteria cannot work and reproduce themselves in an acid medium. Just as soon as the lactic acid bacteria in milk or cream have become dominant the rest of the list of undesirable forms of bacteria must take a back seat, as it were.

Sweet cream is not necessarily good cream. We know it is a common practice to set the can of cream that is to be churned where it will cool off just as soon as possible after separating and kept at that temperature until ready to churn. It is a very commendable practice, of course, to cool the cream at once after it is separated, but if it is not to be churned for four or five days, as is the case in places where it requires that much time to collect enough cream for a churning, it would be just as well to sour the cream after it has been thoroughly cooled. After it has developed the right degree of acid,

## The Difference

Gomes Out of YOUR Pocket



A common kind of "Bucket Bowl." Heavy, hard to wash, easy to rust.

If you don't know that Sharples Dairy Tubular Cream Separators are different, take no chances until you find out. "Bucket bowl" agents depend on catching the fellows who don't know. Don't let them take the difference out of your pocket. One difference is in the bowl.

### Shake The Insides Out!

Before you buy a separator shake the insides out of the bowl. It will show you how heavy, complicated, hard to wash, easy to injure, quick to rust, "bucket bowls" are as compared to Dairy Tubular bowls. Sharples Dairy Tubulars are different. Nothing inside Dairy Tubular bowls but a small dividing wall of triple tinned pressed steel—no bigger than a napkin ring—good for a lifetime. Yet Tubulars have twice the skimming force of any other separator—skim at least twice as clean.

You have common sense—want to save your wife work—want to save yourself repairs and cream—so why not learn about this now? Our free catalog N-121 shows many other exclusive Tubular advantages of great importance to you. Also ask for free book, "Business Dairying," covering everything from calves to butter.

**THE SHARPLES SEPARATOR CO.,**

Toronto, Canada

West Chester, Pa.

Chicago, Ill.



SHARPLES Dairy Tubular Bowl. Simple, light, durable, easy to wash.

## THE DAIRY QUEEN

THE CREAM SEPARATOR THAT SUITS ALL.



The Dairy Queen is as near perfection as can be reached in cream separators. It fills every requirement, its low and large supply can, its simple and easy bowl to clean, its light running and close skimming is just what you have been wanting. It never gets out of order, it's always ready to skim, and leaves the cream in perfect condition.

### You Can Try It Before You Buy.

The Dairy Queen is sold on guarantee and free trial. We have all confidence and know it is right or we could not offer them this way. We only want a chance to prove this to you, that the Dairy Queen is the most convenient, easiest to operate and most durable separator on the market. Ask your dealer about it or send for free catalog.

Address, E. R. Bailey, Clarinda, Iowa, or

**DAIRY QUEEN MFG. CO., FLORA, IND.**

### Just Write the Davis Boys For a Catalog and Prices Today

They will send it by return mail post-paid and you will be surprised at the low, reasonable prices they are asking for their improved 1907 model



We Manufacture the Davis

## DAVIS CREAM SEPARATOR

direct from their large factory. They'll quote you a little better than 20 to 30% if you want to buy a standard, up-to-date cream separator. Note cut of new machine in this ad. It's a little beauty with the small, wonderful, cone bowl, always in balance because it's made so true it balances itself. Therefore bound to run easier, more easily regulated to skim close and produce heavy or thin cream. Low supply can, large capacity, simple enclosed gearing, easy running, easy to clean. It's made of best materials and fully guaranteed. They prepay freight and guarantee safe arrival at your nearest depot. Say on a postal or in a letter right now. "Send me your Money Saving Catalog No. 118" Davis Cream Separator Co., 54 North Clinton St., CHICAGO, U. S. A.

cool it off again and hold it at a low temperature until time to churn. This is a plan which we have seen carried out successfully where it required several days to collect enough cream for churning, and is one worth trying if you are annoyed with bitter or strong-flavored butter—that is, when it is first churned.

### THE "BOSS" COW IN THE HERD.

In every herd of cows there is some one of the number that takes the initiative. She is the first one to lead the rest through a fence into a cultivated field. If there is a gate in the yard which has been left partly latched, she will be sure to find it and lead the herd into the garden or down the road. To say the least, this kind of a cow is a constant originator of trouble, and it seems to be her pleasure to do anything but chew her cud and produce a good mess of milk in the dairy.

Occasionally such a cow, even with her mean characteristics, is a valuable producer and on account of her vigorous nature her offspring usually develop into good dairy matrons, since they generally closely resemble their dam. In a case like this one hates to part with such a cow. It is often quite possible to bring up her calves to be more docile by treating them kindly when they are young. As a rule, though, one has

to be extremely careful in working with them, as it takes very little of wrong treatment to develop this domineering character of their parent in them.

Where a cow with an unruly nature is only an ordinary producer she will fill a much better place in the beef barrel than in the dairy herd. This is a profitable and quick manner of getting rid of a constant source of aggravation in the herd.

### RED POLLS AND POLLED DURHAMS.

Every now and then someone confuses these two breeds, and equally as often someone makes an inquiry regarding their differences. There are a few points of similarity between the two, though their points of difference are so marked that they should not be easily confused.

The Red Polled breed is a dual-purpose one, combining both good milk and beef qualities. A Red Polled cow is called the farmer's cow often because of this fact. She is a profitable milker and her produce make good beef cattle, while she herself is easily fattened.

A Polled Durham may be described as a Short-horn with the horns bred off. This breed has the good qualities of the Short-horn with the additional advantage of being dehorned by nature. They originated from what are commonly called "freaks" in the Short-horn breed. These freaks matured without



developing horns, and by a process of concentrating their blood in breeding this polled characteristic has become quite well fixed. They are a larger breed and generally more of a beef type, while in color they are like the Short-horn. The Red Polled cattle are uniformly red in color.

The double-standard Polled Durham is eligible to record in the Short-horn herd book and in the Polled Durham record, while the single standard is only eligible in the latter.

### SOME CONCLUSIONS ABOUT MILKING MACHINES.

The department of agriculture has recently published a bulletin which discusses in detail the workings of the milking machine, dealing especially with its practicability under farm conditions. The conclusions drawn at the close of the discussion in this bulletin may interest our readers, and are as follows:

1. Unless sufficient care is used in cleaning the machines, decaying milk and bacteria accumulate in the rubber tubes and contaminate the milk as it passes through them.

2. The few dairymen now using these machines are not exercising sufficient care in washing and sterilizing the machines to keep them in sanitary condition; their milk is therefore of poorer quality from the sanitary standpoint

than that drawn by hand under the same stable conditions.

3. Good sanitary conditions in a stable may be completely counteracted by the unsanitary condition of the milking machine.

4. When kept in fairly clean condition the machine drawn milk contains decidedly smaller numbers of bacteria than the corresponding hand-drawn milk.

5. When the machines are not well cleaned both the number and percentage of acid-producing bacteria are higher than in the hand-drawn milk, but when they are fairly well cleaned both the total number and the percentage of these bacteria are decidedly lower than in the corresponding hand-drawn milk.

6. Both the total number and the percentage of liquefying bacteria found in the milk were in most cases greatly reduced by the use of the machines. This fact is of special significance in milk designed for direct consumption.

7. When properly cared for, drawing the milk by means of the machine increases its keeping quality.

8. Washing the machine with cold water and then with hot water containing soda is not sufficient to keep the rubber tubes clean. Under this treatment the inside of the tubes becomes coated with decaying milk, thus forming ideal conditions for the multiplication of various species of bacteria.

9. Scalding the machines by pumping boiling water through them just before use had little or no effect in reducing germ content of the milk.

10. Boiling in clear water for three-quarters of an hour was not sufficient to keep the rubber tubes in sterile condition.

11. Subjection to steam without pressure for thirty minutes was not sufficient to sterilize rubber tubes.

12. Placing the rubber parts in brine for several hours after being washed reduced the germ content by the machine-drawn milk to about one-half that of the milk drawn by hand.

13. Boiling in water containing a small amount of powdered borax had about the same effect in reducing the bacterial content of the milk as did the brine treatment, but the use of borax is dangerous unless extreme care is exercised.

14. The machines may be effective in the production of sanitary milk if they are properly cleaned and sterilized.

15. The results of these experiments indicate that the machines may be kept in such an unsanitary condition that the keeping quality will not be improved, but may be seriously impaired. They also indicate that with properly cleaned and sterilized machines the keeping quality of the milk may be very materially improved.

According to those conclusions it would appear that there might be a good deal of difficulty encountered by the average person in keeping the various tubes and utensils used in these machines free from undesirable germs. The problem with milking cows with a machine involves more than simply getting the milk away from the cow and into a pail. It means handling the milk in such a way as to keep it free from germs and also milking in such a manner as to maintain the milk flow throughout the natural lactation period.

### Hampshire Swine Breeders' Meeting.

It was a rousing big meeting that was held by the American Hampshire Swine Record Association in Erlanger, Ky., on January 23d.

The 1906 success of the Hampshire breed in the show ring and the increasing demand for the hogs, the swelling of the records within the last year, and the publication of Vol. I of the records got out a goodly attendance to the meeting, although many were hindered on account of high water.

The secretary's and treasurer's reports show over 200 per cent gain in the business of the association over any five previous years of business.

The association is now on a paying basis; the business has increased at such a rate that Vol. I was published, all expenses paid, leaving a balance in the treasurer's hands double the amount ever held at any previous annual meeting.

A petition was presented at this meeting, asking that the place of annual meetings be changed from Erlanger, Ky., to Chicago, Ill., and that the association be re-incorporated under the laws of the state of Illinois. And that the time of meeting be some time during

## CREAM SEPARATOR ADVICE WORTH NOTING

Copy)

DAYTON, OHIO, January 1, 1907.

At the close of our first year's work operating under the "Hand Separator" plan we find that our success has been fully up to expectations.

One of the main points of doubt with us was the ability to produce a high grade butter from cream so gathered, but the year's demand for our butter and the many high scores we have received has proved that the "Hand Separator" plan is the best both for creamery and patron.

When we decided to enter this system we naturally desired to place the best separator with the farmer and our previous experience with power machines and with such hand separators as were in our territory had demonstrated to us that the De Laval was the most satisfactory. While the first cost to the patron may be a little more and our margin of profit is less than on many others, our year's experience has demonstrated to us that our choice was wisely made.

We are now receiving cream from about fifteen hundred hand separators 90 per cent of which are De Laval machines, and we believe we can truthfully say that in each instance they are highly satisfactory.

We have renewed our contract another year for the De Laval agency and our prospects are very bright for even a better year than the one just passed.

THE CONOVER CREAMERY CO.

By VICTOR A. CONOVER, Gen'l Mgr.

The Conover Co. are the biggest "Farm Separator" cream gathers east of Illinois, having built up their immense business through patrons who are almost exclusively DE LAVAL users. At the 1906 Ohio State Fair their butter scored 98 and highest of all exhibits. If you would profit by their experience send for a DE LAVAL catalog and the name of our nearest local agent. Write today before your cows begin to freshen.

### THE DE LAVAL SEPARATOR CO.

RANDOLPH & CANAL STS.  
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To Prove  
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National Cream Separator  
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No Hard  
Lifting  
Only  
45  
lbs.  
High  
Lightest  
Running  
Easiest  
Cleaned  
Closest  
Skim-  
mer  
Try it before you buy it—that's  
fair. No expense to you. No one  
else makes that offer. We can  
because we know what it is. If  
you buy—it's when and because  
it proves itself satisfactory to  
you. Not one National in 500 ever  
comes back to us. Because the  
**National  
Cream Separator**  
will do more than any other  
—easier, quicker. Only 2 parts  
to clean. Write for Free Cat-  
alog and Dairy Guide No. 138  
to nearest office.  
National Dairy Machine Co.,  
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The Hastings Industrial Co.,  
Chicago, Ill.

You never saw a  
saw which saws  
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and lasts long a time.  
Frame of heavy angle  
steel set on rigidly  
braced—absolutely  
no shake. Patented—adjust-  
able, dust-proof, non-heating  
oil boxes, etc. We make these

### Appleton Wood Saws

In 6 styles—strong, simple, safe and successful  
—and we make a 4-wheel mounting for wood  
saws and gasoline engines which is unequalled  
for convenience and durability. Saw your own  
wood and save time, coal and money—then saw  
your neighbors' wood and make \$5 to \$15 A DAY.  
We make the celebrated

### HERO FRICTION FEED DRAG SAW

nothing like it—no other so good. Also feed  
grinders, shellers, fodder cutters, huskers,  
manure spreaders, farm trucks, windmills,  
etc., all guaranteed full Appleton Quality.  
Catalog free for the asking. Ask for it now.

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### DITTO'S

Double Cut, Triple-  
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### Feed Grinder

On Ten Days' Trial—  
No Money in Advance

If trial does not prove it  
the largest capacity, easiest running, most du-  
rable grinder made, ship it back at my ex-  
pense. Sold with full guarantee. Will you  
try it? Ask us about Ditto's Positive Force Feed.

### Endgate Broadcast Seeder

Most accurate and reliable seeder made.  
Sows all seeds. Sold only direct from factory  
at factory prices. Grinder and Seeder circulars  
free. Write for them

G. M. DITTO, Box 12, Joliet, Ill.

### Free -- YOUR FORTUNE -- Free

SEND two cent stamp with birth date and I will  
send your fortune, past, present and future. All  
matters of business, love, marriage and health plain-  
ly told. Prof. Earl Nugent, 1016 R. Walnut  
Street, Kansas City, Missouri.

## 15 PREMIUMS FREE! READ OUR OFFER.

**FREE**  
**50**  
**FREE**  
**WORTH \$5.95**  
**FREE**  
**\$7.00**

Cut this out and mail to us, naming your express office, and we will ship you two Boxes consisting  
of 50 of our Choice Brands 10 cent Cigars, C. O. D. \$5.95, and in same package will ship you Absolu-  
tely Free, One Automatic Double Action S. & W. Model Revolver, One Genuine Stem Set  
and Stem Wind Watch fitted with American Movement, warranted One Year, One Full Hollow Ground  
Razor worth \$2.50, Six Triple Silver-plated Tea Spoons, One Rolled Gold Watch Chain, One Gold  
Plated Watch Chain, One Tie Holder, One Collar Button, Two Sleeve Buttons. Fifteen Presents  
Free, if you allow us to send you in same package the Two Boxes Cigars C. O. D. \$5.95 and  
allow Full Examination to your nearest Express Office. Send No Money. If you don't think  
Cigars and Fifteen Premiums worth three times the amount, don't pay one cent. We take all the  
risk. Order now! Address, **CANDOR SALES CO., Candor, North Carolina.**

**Eclipse Portable WAGON and STOCK Scale**  
ALL above ground. No pit. Steel frame eight inches  
high. Most accurate and durable. Write for catalog  
and price.  
**ECLIPSE HAY PRESS CO.**  
621 W. 7th St. Kansas City, Mo.

the week of the International Live Stock  
Exposition.

There are stockholders now in this  
association from fourteen different  
states, Indian Territory and Ontario,  
Canada.

It was the sense of this meeting that  
it is detrimental to the interests of the  
association to vote by proxy and the  
members are hereby requested to decline  
to cast a proxy vote for other members.

It was voted that the records of the  
association be closed July 1st for the  
publishing of Vol. II of the records  
of the association. All wishing to have  
records of this Vol. II will have to send  
in for record prior to that date.

The officers elected were: President,  
John Goodwine, Jr., Potomac, Ill.; secre-  
tary and treasurer, E. C. Stone, Arm-  
strong, Ill.; vice-president, T. C. Whit-  
ney, Oberlin, Ohio; directors, J. M. Cra-  
ven, Linaburg, Ky.; Wm. M. Jones,  
Winchester, Ky.; T. H. Atkinson, Mt.  
Sterling, Ky.; J. H. Aylor, Gunpowder,  
Ky.; Eldred Conrad, Williamstown, Ky.;  
L. B. Bacon, Chrisman, Ill.

Reno county, Kan., has a solid rural  
delivery system. Only a few years ago

rural delivery in this county was an ex-  
periment. Now it is an assured success  
and thirty-two rural carriers deliver  
mail to Reno county farm homes.

Our readers will find an interesting  
explanation showing how the incubator  
worked a little ahead of time in produc-  
ing one of the most modern features of  
the Litchfield Manure Spreader. This,  
the latest of the series, is on page 5.

### The Los Angeles Limited.

Electric-lighted train, Chicago to Los  
Angeles every day in the year, less than  
three days en route, via Chicago &  
North-Western, Union Pacific and Salt  
Lake Route. Splendid equipment of the  
most modern and complete character, ac-  
commodating all classes of travel.

Pullman drawing room and private  
compartment sleeping cars, Pullman  
tourist sleeping cars and composite  
observation cars. Double berth in  
tourist cars only \$7 from Chicago. Close  
connection with trains of the North-  
Western Line from Wisconsin points.

For full information apply to nearest  
agent of the North-Western Line.



## Johnson Wants Every Chicken Raiser in the Country to have his big 128-pp, 1907 Poultry Book It's Free to all his Friends

It looks good to poultrymen. I wrote this book myself, as I do all my catalogues, and I filled it as full of the things poultry raisers are always wanting to know about as it can stick—pictures and plans and experience talk. I intended it to be of use to whoever reads it. I guess I succeeded right well.

Of course there's the story of

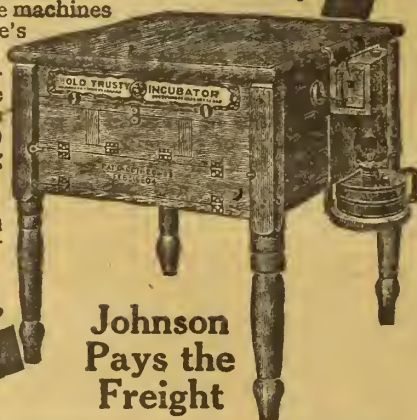
### OLD TRUSTY Incubators and Brooders

In it. The Book's all the better for that. Whoever uses Old Trusties gets results. The simplest, the surest, most perfectly automatic of all machines. And people have learned to know it. More Old Trusties were sold last year than any other single incubator in the United States and every one of them were sold—just as I will sell to you—on a 40, 60 or 90-Day Trial and Five-Year Guaranty. My wife's in with me on it all. When I say "I" I mean "We." Fact is, she named the machines and invented the Brooder all herself. She's always been some on raising about all the chicks that are hatched. Everybody knows that's the real trick of the business. The Old Trusty Brooder is her old way (just changed a little bit) of mothering the little chicks along into full strength.

Over 200 Pictures in the Book. Handsomest photographs you ever saw. Send for it and we'll be introduced. If you're interested, I am.

Yours truly in the poultry business,

M. M. JOHNSON, Incubator Man,  
Clay Center, Nebraska.



Johnson  
Pays the  
Freight

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### HOW TO GET FERTILE EGGS.

This is a vital problem. Upon its successful solution depend the profits of the hatching season. It is a broad question and has many factors.

We read much of the 200-egg hen. She is all right, especially when the eggs are wanted for market. But these excessive layers are apt to lay many infertile eggs. Therefore our breeding hens should not be too strongly forced. For successful hatching, the germ of life must be hidden away within the ivory walls of the egg, ready at the appointed time to come forth in vigor and strength in its new form.

There are at least three conditions which must be observed if we expect to obtain eggs that will hatch vigorous chicks. The first of these is ancestry. Oliver Wendell Holmes once said that the education of a child should begin twenty years before it is born. Heredity obtains just as strongly in the poultry world. We should begin to work for good, hatchable eggs at least a year before the eggs are produced. This means selecting the birds for our future breeding stock while they are still chicks, choosing those whose strong, sturdy appearance in chickhood indicates strength and vigor of constitution which promises hardy and vigorous birds.

In a letter from a Tennessee subscriber published some time ago in the "Reliable Poultry Journal," we catch a glimpse of the great benefits of strength and vigor in the breeding stock. Note his methods of selection:

"I give my incubator good attention and use only the best eggs, carefully tested for good, even shells, and I always set two hens at the same time. When I test out the infertile eggs I replace with live eggs from under the hens, so that all the eggs left in the machine are strongly fertile, and it is no wonder that I hatch nearly all of them. From time to time I compare it precisely, so that when hatching time comes the chicks hatch like popping corn. When I take off a hatch I do not expect a single chick to die, and they rarely if ever do. If this sounds to you like bragging, let it go at that, but the statement is true that from the last three hatches I have made not a single chick has died. They were raised and are now being raised in brooders in the dead of winter, and not, as you assume, in the spring months of last year. My hens are strong; if they haven't got legs on them like mill posts, then I do not keep them. I know both a hen's capabilities and limitations, and early in the summer can pick out the pullets that will pay for their keep."

The male bird is half the flock, and should be chosen with the greatest of care. Select a bird with a short, well-curved, strong beak, broad head and well-developed wattles, these being indicative of vigor, robustness of constitution and procreative powers. Avoid a male with a long, straight, snaky beak and narrow head. He will be a delusion and a snare.

Many of our most successful breeders alternate the males in their breeding yards. This guards against exhaustion and tends to greater vigor and consequent highest fertility. While resting, the male bird should be shut in comfortable quarters, out of sight of the hens, if possible, and fed extra rations during his vacation. Feed a due proportion of either green cut bone or else beef meal or beef scrap with a liberal grain ration and all the green food he will eat. Two days service and two days rest seems a good rule.

The housing and care of the laying hens is an important consideration. Good ventilation, freedom from drafts, plenty of room, cleanliness; in short, intelligent attention to their comfort and health is imperatively demanded. Space will not permit enlargement on this part of the subject, but the poultry raiser who is determined to attain the highest success must give it due consideration.

Feeding for fertility is one of the most vital parts of the work. Four things are imperative, grain food in proper proportions and quantity, animal food in some form, grit and oyster shell,

## GET STARTED RIGHT.

Don't handicap yourself with poor hatching and brooders. Beware of experiments, of machines that take much attention, of discarded styles, of "talking point" machines. You will be safe if you look to the record. No man ever made a failure of poultry raising if he outfitted with

Succeed  
with a  
Successful

### SUCCESSFUL Incubators and Brooders

They hatch the most and the strongest chicks and brood them best, because they are the best substitutes for the mother hen ever devised. And they take the least of your time and attention. More thousands of users are saying this each year. Try a Successful and you will be one of the number. Incubator and Poultry Catalogue FREE. Booklet, "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper one year, 10c.

DES MOINES INCUBATOR CO., Dept. 50, DES MOINES, IOWA.

Fine eggs for hatching, standard bred poultry and all poultry supplies.



### MAKE GOOD MONEY

In Poultry business. Others do it. Why not you? Our big illustrated book, "Profitable Poultry," tells how to breed, hatch, feed, grow and market to make lots of money. Starts you on the road to success. Describes most wonderful Poultry Farm in the world—32 kinds of fowls. Gives lowest prices on fowls, eggs, incubators, everything for Poultry. Mailed for 4 cents in postage. Berry's Poultry Farm, Box 112, Clarinda, Iowa.

### Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatching made. GEO. M. STAHL, Quincy, Ill.

**FOR SALE:** Live deer, all ages, California, white swans, California, guinea fowls, Belgian hares, Jack rabbits, wild geese, brant, canary birds, goldfish, Homer pigeons, milk, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch colts, puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.

### Hatch 'Em Easily

Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is Guaranteed. Glad to send free my handsome, new, illustrated catalog. Write now to Emil Gehner, Box 17, Sutton, Neb.

### A Hundred Per Cent

Is no uncommon hatch for

Petaluma Incubators

They are the oldest and most reliable machines on the market. Results are uniform and always high. Redwood and copper materials. Devices purely automatic and sure. Write us for free catalogue.

PETALUMA INCUBATOR CO., Box 8, Petaluma, Cal. Box 8, Indianapolis, Ind.



**JEWEL INCUBATOR**  
DO YOU WANT TO HATCH 400 CHICKENS WITHOUT INVESTING A CENT?  
Name This Paper And Receive Beautiful Illustrated Poultry Book And Free Hatches Offer.  
HIGHEST CLASS MACHINE. BEST TESTIMONIALS. NO CASH, NOTE OR DEPOSIT.  
Address Mgr.—INTERNATIONAL STOCK FOOD CO., Minneapolis, Minn., U. S. A.

### HATCH ALL Incubators Will Hatch Your Eggs

It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

#### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., BOX 2, HEBRON, NEB.



When Writing to Advertisers Please Mention this Paper



and green or vegetable food. It seems that the advocates of dry feeding have come the nearest to solving the problem in their method of putting all the food, except the green food and the whole grains, in hoppers, allowing the birds to balance their own ration. By this method, Dr. Nottage, the apostle of dry feeding, obtained a very large percentage of fertile eggs in a season when over the entire country poor hatches were the rule. A very strong point in favor of this method is the labor-saving element in it.

The White Holland turkeys are among the heaviest layers. They have a plump and symmetrical body, and flesh of the finest texture, and are hardy, and docile in disposition.

There is no questioning the fact that

**\$7.90**

**FOR OUR 100 EGG HATCHING WONDER**

**DELIVERED**  
in U.S. East of  
Rocky Mountains

The 100-egg Hatching Wonder has triple case, large aluminum-coated tank, double-jacketed heater and our Victor Regulator. The lamp has a big bowl, wide burner and stout metal chimney. Ventilated egg chamber with double glass in door contains movable egg-tray with nursery below. The machine is 26 inches long, 21 inches wide and 14 inches high. In addition to this substantially built incubator, with its egg-tray and nursery, aluminum-coated tank, double-jacketed heater, modern lamp and automatic regulator, the \$7.90 price includes a thermometer, funnel and book of instructions, telling how to get the best results from the incubator, all delivered at any railroad station east of the Rocky Mountains.

If the Brooder is ordered with the incubator the price of both is only \$11.50 delivered anywhere in U.S. east of the Rockies. The price of the incubator delivered west of the Rockies is \$9.90 and the incubator and Brooder together \$14.75.

These prices are delivered at your railroad station, not f. o. b. factory. F. o. b. factory means that you may have to pay cartage from the factory to their station.

Better write us today, we will ship promptly on receipt of your order. Money returned if not as represented.

If you want a larger machine write for our 80-page "Victor Book." Two-thirds of the space is devoted to giving information about the poultry business. The rest tells the truth about Victor Incubators and Brooders. We start with the egg and give pointers that mean increased profits right through to the heavy fowls ready for market. How to make hens lay when eggs are scarce. How to get early spring chickens on the market in time to get best prices. Practical hints that may mean money whether an old hen or an incubator does the hatching.

We want you to have the book and will gladly send it to you free if you will send to the coupon below, or send us a postal card asking for it if you don't want to cut the paper.

**GEO. ERTEL CO., Quincy, Ill. Established 1867.**

GEO. ERTEL CO., Quincy, Ill. 23.  
Please send me the Victor Book FREE.

Name.....  
Postoffice.....  
Route No.....Co.....State.....

## New Sure Hatch Book

### A new book, written to help MAKE POULTRY PAY BETTER

Off the press only a few days and already the talk of the poultry world. Has 102 large pages, with a wealth of illustrations. Filled to the brim with valuable information drawn from actual experience. Easy to read and understand. Tells all about the famous



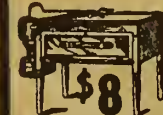
### SURE HATCH INCUBATOR

How it's built; how it runs itself and pays for itself with one hatch! Sold under 5-year Guarantee, freight prepaid, for the low Sure Hatch prices. Must do the work for you or we take it back at our expense. 110,000 in use, giving satisfaction.

Write today for the new free Sure Hatch Book. Read it before you buy an incubator at any price.

**SURE HATCH INCUBATOR CO.**  
Box 16, Fremont, Neb., or P.O. 16, Indianapolis, Ind.

## INCUBATORS 40 DAYS FREE TRIAL



is the lowest priced Good hot water incubator made.

**GUARANTEED FOR 10 YEARS**  
Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not all we claim return it at our expense. Write for complete FREE catalog of Great Western Incubators and brooders.

**GREAT WESTERN INCUBATOR CO.**  
114 Liberty St., Kansas City, Mo.

washing duck eggs injures them. An experiment tried by putting in one tray eggs that were gathered from the bottom of the creek, where the breeding ducks bathe, while in the other tray were put those that were laid in the house. From twenty to twenty-five per cent of the creek eggs were fertile (according to the length of time they were in the water), while as high as eighty-five per cent of the house-eggs contained good germs.

"Of 50 chickens had with Itoup, some blind, I never lost one after using Walker's Itoup Cure. Given as a preventive I never had chickens do better."—Mary Ann Orfield, Lamoni. All druggists or pre-paid, 50c. Walker Remedy Co., Lamoni, Iowa.

### POINTERS.

—Booster Red, of South Park Lane, Des Moines, Iowa, will have a few sittings of Rhode Island Red eggs for sale this season. His advertisement appears on this page.

—Mr. J. H. Howarth, of Moulton, Iowa, writes that he still has a few more turkeys and a number of Rouen ducks for sale. See his advertisement on this page.

—Mr. H. M. McKeen, of Sac City, Iowa, has some choice Black Langshan cockerels for sale. He has been a breeder of this variety of fowls for the past nine years.

—Mrs. L. M. Estes, of Audubon, Iowa, has an advertisement on this page offering White Wyandotte cockerels for sale. She writes: "My cockerels are nice birds and from stock that scored from 94 to 95 1/2."

—Mr. Dan McCarty, of Winthrop, Iowa, is offering Single Comb Buff Orpington cockerels for sale in his advertisement that appears on this page of The Homestead. Mr. McCarty informs us that he has a choice lot of birds on hand.

—Mr. E. E. Condit, of Newton, Iowa, is offering Light Brahma cockerels for sale in his advertisement that appears on this page of The Homestead. They are of the true Light Brahma shape and from two of the leading strains of that variety.

—Mrs. F. R. McLaughlin, of Manning, Iowa, breeder of Silver Laced Wyandottes, writes: "I still have some very nice Silver Laced Wyandottes also some Pekin drakes. Sales have been good." Mrs. McLaughlin's advertisement appears on this page.

—Mrs. C. E. Crane, of Blencoe, Iowa, whose advertisement appears on this page, writes: "I have a few choice Wyandotte cockerels for sale. They are vigorous and thrifty and must be sold, as I am going to leave the state and must sell them. My prices are reasonable and all orders will be filled promptly."

—Messrs. Strater Bros., of Monroe, Iowa, breeders of Mammoth Bronze turkeys, write: "We still have one young Mammoth Bronze turkey tom for sale. He was hatched the last of May and now weighs thirty-four pounds. Anyone wanting a good one with best bone and quality, has here an opportunity to secure one." See their advertisement on this page.

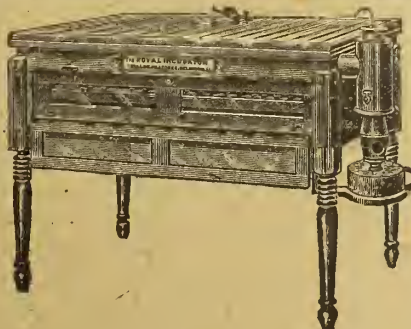
—Mrs. J. C. Webster, of Westview Poultry and Stock Farm, of Montezuma, Iowa, sends in her advertisement this week announcing she has fine Light Brahma cockerels and pullets of the leading strains for sale; also a limited number of Barred Plymouth Rock cockerels that will be sold right. They are fine birds. She can please you. Write her your wants. See advertisement on this page.

—Mrs. C. C. Kitz, of Madelia, Minn., has Mammoth Bronze turkeys of both sexes which she is offering for sale in her advertisement on page 18 of The Homestead. In furnishing copy, Mrs. Kitz writes: "I have as fine a lot of Mammoth Bronze turkeys as I have ever raised. They are from high-scoring stock and are bred right, and will be priced right. None but first-class stock will be shipped."

—Mr. Charles Stuart, breeder of Mammoth Bronze turkeys and Barred Plymouth Rock chickens, of Altoona, Iowa, in sending copy for his advertisement that appears on this page, writes: "As I have decided in the last week to move to Arkansas the first of March, I am offering some fine birds for the prices I have quoted on them. All parties wanting these birds, order in the next ten days, as I must close them out by that time."

—Mr. J. B. McAllister, of Palo, Iowa, whose advertisement will be found on this

This is a representation of the Royal Incubator, a wonderful machine and offered at a still more wonderful low price. See advertisement on page 18. This firm are so surely convinced of the good hatching qualities of their machines even in the hands of the most inexperienced that they offer to send these incubators and brooders out on the most liberal trial proposition ever offered to the American poultrymen. If you are looking



for a first-class machine at a low-down price and freight paid to all points east of the Rockies, you better write today to the Royal Incubator Co., of Des Moines, Ia., Drawer 775, for their new catalog and fifteen day Special Offer. It is printed in English and German. They also offer a very valuable book, entitled "Proper Care and Feeding of Little Chicks, Geese, Ducks and Turkeys," for ten cents., which is worth ten times its price.

## A dollar's worth of Standard Stock Food

—contains more feeds,  
—will go farther,  
—last longer, and  
—produce more and better results,



than a dollar's worth of any other stock food made, whether it costs 5c or 15c a pound.

YOU can prove this to your own satisfaction by examining various stock foods and their feeding directions. The Standard looks better, smells better, tastes better and is better—stronger, richer, more concentrated—and a much less quantity of it is required at each feed.

It gives the best results at the least cost.

Sold on our money-back, square-deal guaranty.

Go to your Dealer and ask him to supply you. If he cannot, do not take a substitute but send to us direct.

We will ship immediately and protect you with our square-deal, money-back guaranty.

**STANDARD STOCK FOOD CO., 1516 Howard Street, Omaha, Neb.**



### FREE TO YOU.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

**\$7.00** Freight Prepaid. **120 EGG**  
**Incubator Ever Made.**

**\$4.50 Buys the Best 100-Chick Brooder.**

Both Incubator and Brooder, if ordered together, cost but \$11.00. Double cases all over, heat copper tank; hot water; self regulating; satisfaction guaranteed. Our book, "Hatching Facts," tells all about it. Mailed free. Write for it.

**Belle City Incubator Company, Box 52, Racine, Wisconsin.**

Branches:  
St. Paul,  
Buffalo,  
Kansas City.

## A Free Book About Incubators

We issue the best book ever written on incubators—written by a man who has spent 25 years in perfecting them—by the man who made the Racine. It tells facts that you must know to get the right incubator. Don't buy without reading it, for the book is free. We pay the freight.

**Racine Hatcher Co., Box 135, Racine, Wis.**  
Warehouses: Buffalo, Detroit, Kansas City, St. Paul.

## BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it, also how to feed, breed, grow and market. Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

**FRANK FOY, BOX D, DES MOINES, IOWA.**

**\$8.50** Buys the Best **Guaranteed INCUBATOR**

You Are to Be the Judge. All the time you want to fully satisfy yourself. Hot water, copper tank and heater, safety lamp, best regulator, all latest improvements. Don't buy an incubator until you see it. Catalog tells all about it. It's free. **Gerry's Incubator & Poultry Farm, Box 138, Clarinda, Ia.**

## 125 Egg Incubator \$10 and Brooder Both For

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Our free catalog describes them. **Wisconsin Incubator Co., Box 71, Racine, Wis.**

## GLANDT'S SANITARY HEN NEST

Makes chicken raising sure, profitable and easy. Lice prevented, setting hens separated from the layers. Ask for our free book. **HAVILAND MFG. CO., Box 504, Davenport, Iowa.**

## GREIDER'S FINE CATALOG 1907

tells all about pure-bred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. **B. H. Greider, Rheims, Pa.**

## POULTRY PAYS

Our Book, "Poultry for Profit" showing 35 best paying varieties mailed for 10 cents. **Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.**

page of The Homestead, writes: "The turkeys I am offering for sale consist of a fine, large and well-built yearling tom and six good, large, yearling hens, descendants of prize winners at the Cedar Rapids Poultry Show." He reports them as extra fine birds and No. 1 breeders. He also has four more turkey pullets and a few Barred Plymouth Rock pullets of the noted Eclipse strain. He would be pleased to quote prices on above stock. His Barred Plymouth Rock cockerels are all sold.

—The new advertisement of Mrs. Eva Girard, of Schleswig, Iowa, offering Barred Plymouth Rock cockerels and pullets for sale, appears on page 18 of The Homestead. Mrs. Girard's fowls are of sufficient high breeding to enable her to win ribbons at the Duolap and Odebolt Poultry Shows. She raises from five to six hundred every year,

### POULTRY.

## CLOSING OUT SALE

Of my prize winning M. B. turkeys. Young toms scoring 96 1/2, wt. 25 and 27 lbs. and one yearling tom scoring 96, wt. 37, \$6 each and scoring 95 1/2 for \$5 each. Also hens and pullets scoring from 94 1/2 to 96, wt. from 15 to 20 lbs., \$3 each. Also choice H. P. Rocks of the Bright and Latham strain, cockerels scoring from 88 to 90 1/2, \$1.50 each and unscored cockerels and pullets \$1 each or \$10 per dozen. **Chas. Stuart, Altoona, Iowa.**

## MAMMOTH BRONZE TURKEYS

A offering an extra fine pen consisting of a very choice yearling Tom and six fine yearling hens, also have 4 more turkey pullets and a few B. P. Rock pullets of the noted Eclipse strain for sale, cks. all sold. Circular free. **J. B. McAllister, Palo, Ia.**

## Westview Poultry and Stock Farm

**LIGHT** Brahma cockerels and pullets. Barred Plymouth Rock cockerels at a bargain. Write me.

**Mrs. J. C. Weber, Montezuma, Ia.**

I HAVE cockerel—bred B. P. Rock cockerels and yearling hens for sale of Bradley Bros. strain direct. Also few large White Rocks, yearling hens and pullets of pure Fishel strain direct at \$1 each to quick buyers. As I have to move February 20th, must close these out at once. **C. H. Drake, Stockport, Iowa.**

## EGGS FOR HATCHING

**\$1.50 PER 15** of the Golden Buff Plymouth Rocks and Golden Ruff Orpingtons. Good hatch guaranteed. **A. C. Harre, Belmond, Iowa.**

**WHITE ROCKS**—Fisher & Root strain. I have forty choice cockerels and sixty good pullets for sale at reasonable prices. These are March and April hatches and are pure white. Yours for business. **Bulus H. Flanagan, Pleasantville, Iowa.**

## RHODE ISLAND REDS

**ONLY** a few settings for \$1.50. These are the coming birds. Address, **Booster Red, South Park Lane, Des Moines, Iowa.**

**WHITE** Wyandottes for sale. A few choice cockerels for sale at reasonable prices from stock scoring 94 1/2. Write for prices. **Mrs. C. E. Craue, Route 1, Blencoe, Iowa.**

**S. L.** Wyandotte cks. scoring 91 pt. at \$1.50 each, \$1.91 1/2 pt. \$1.75 each, 92 pt. \$2. Eggs in season, circular free. **John A. Johnson, R. 1, Box 29, Dayton, Ia.**

**BLACK** Langshan cockerels for sale. The result of nine years exclusive breeding. \$1 each in lots of three or more. **H. M. McKeen, Sac City, Iowa.**

**UPLAND** Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. **Albert Haus, Waucoma, Iowa.**

**LIGHT** Brahmas, ten pound scored cockerels with true Light Brahma shape and size, two leading strains. **E. E. Condit, Newton, Iowa.**

**ORPINGTONS.** S. C. Buff Orpington cockerels for sale. Choice birds \$1.50 each. Eggs in season. **Dan McCarty, Winthrop, Iowa.**

**WHITE** Wyandotte cockerels, unscored. \$1.25 for 1, two or more \$1 straight. **Mrs. L. M. Estes, Route 2, Audubon, Iowa.**

**400** BARRED Plymouth Rocks and White Wyandottes, cockerels and pullets. **W. C. Frazier, Atlantic, Cass Co., Iowa.**

**RHODE** Island Red Cockerels for sale. Eggs in season. **A. D. Searles, 1014 West St., Grinnell, Iowa.**

### DOGS.

## SCOTCH COLLIE DOGS

**FINE** puppies now for sale. Fine workers, hand-some pets. Best pedigrees. Write for new illustrated catalog if interested. Several good studs at service. **Geo. T. Underhill, Knoxville, Iowa.**

**THEOROUGHBRED** fox, wolf and coon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. **S. A. Smith, Keosauqua, Ia.**

and breeds them for their laying as well as their exhibition qualities. She considers those she has for sale at present bet-



ter than she has ever had to offer our readers. She will ship nothing but first-class stock or strictly fresh eggs in season.

—Mrs. H. J. Hess, of Waterloo, Iowa, writes: "Orders for poultry are coming in fast. I still have a few choice Mammoth Bronze tom, weighing twenty-four to twenty-nine pounds, that will be priced right, quality considered. Also Mammoth Bronze pullets—good ones. They are of the celebrated World's Fair strain and my birds have been winners in the leading shows of the state. A few Rose Comb Brown Leghorn cockerels, good size and finely marked, also young hens and pullets by the dozen, a heavy-laying strain. Some fine White Wyandotte cockerels that are heavy-boned, well-shaped, fine, low combs and splendid, pure white plumage, without yellow tinge. Prices very reasonable." See advertisement on this page.

#### EXTRA FINE LANGSHAN COCKERELS.

On this page of this week's Homestead will be found the advertisement of Mr. E. D. Keasy, of Wota, Iowa, who is offering for sale some extra fine Langshan cockerels. These are good birds and he is selling them at popular prices in order to close them out. We have seen these birds and can recommend them to Homestead readers. Send him an order at once if you want a good Langshan cockerel.

#### UNQUALIFIED ENDORSEMENT.

Readers who want to improve their present flocks or wish to start with a very high-class breed should not fail to take advantage of the offer on this page of Mr. W. F. Chamberlain, of Kirkwood, Mo., to get a start with his famous strains. This advertiser is very widely known as the originator of "Dry Chick Feed" and "Chamberlain's Perfect Chick Feed" is now the standard everywhere. The following letter, from a high authority, is remarkably convincing: "Waterbury, N. Y. W. F. Chamberlain, Kirkwood, Mo. Dear Sir:—We are having

excellent reports from several students using 'Chamberlain's Perfect Chick Feed,' and don't hesitate to recommend it. Very truly yours, Columbia School of Poultry Culture, A. A. Brigham, director."

#### A GUARANTEED INCUBATOR FOR \$8.50.

On page 17 of this issue will be found the advertisement of Berry's Incubator and Poultry Farm, at Clarinda, Iowa. In that advertisement you will find that a guaranteed incubator is offered for \$8.50. It is heated with hot water, has a copper tank, safety lamp and the latest regulator. The catalog tells all about it and it will be sent free upon application to the above address. Please mention this paper when you write.

#### BEST POULTRY BOOK.

Here's the book you have been looking for, and it's free. In response to numerous inquiries from subscribers for a reliable book on incubators and chicken raising, we suggest that you send for the Sure Hatch book. This is a splendidly-illustrated book of 102 pages and gives more practical information than many books that sell for \$1 to \$1.50. The Sure Hatch book is so interesting that you'll sit up late to read it. Some poultry books are simply compiled from encyclopedias by men who don't know enough about chickens to set a hen. The Sure Hatch book is different. You can tell by the practical way it's written that the man who wrote it dug up his information with the spade of actual experience. He covers the ground thoroughly. Tells how to make chicken raising pay. His knowledge of incubators and brooders has been gained in building up the world-wide business of the Sure Hatch Incubator Company. Lack of space does not permit us to mention the many subjects fully treated in the book. Write to the Sure Hatch Incubator Company, Box 16, Fremont, Neb., or Dept. 16, Indianapolis, Ind., and ask for a copy of the Sure Hatch book. They will send it to you free, postpaid, by return mail.

**ONLY \$12.75** 

**For This 230 Egg Incubator and We Pay the Freight.**

It's the biggest incubator bargain ever offered.

- 1st. Because so large an incubator has never been sold for so low a price.
- 2nd. Because so good an incubator has never been offered even at double the price. It's the famous

**ROYAL (You Can't Get a Better At Any Price.)**

Understand our proposition: We pay the freight anywhere East of the Rockies; we give you a fair and square trial; we give you a bank guarantee; and we promise you that the Royal, with ordinary attention will do perfect work. Don't confuse it with "cheap" incubators; it is strongly built, will last a lifetime; automatic control of heat; perfectly ventilated and hatches the eggs. Don't make the mistake of buying until you investigate our special offer. Handsome catalog of incubators, brooders, poultry supplies, eggs for hatching and fine poultry FREE. Practical Book, "Care of Chicks, Ducks and Turkeys," 10c, standard 60c Poultry Paper one year 10c.

**ROYAL INCUBATOR CO. Drawer 755 DES MOINES, IOWA.**

**The Klondike INCUBATORS AND BROODERS**

**ARE SOLD ON THIRTY DAYS TRIAL.**

They do not require an expert to manage them. Chicken raising is made a pleasant pastime when they are used. Ask your dealer about them. He may have them on his floor to show you. If not, write us. We will be glad to send catalogue and all information.

**KLONDIKE INCUBATOR Co. Des Moines, Ia. BOX 475**

#### POULTRY.

### Barred P. Rocks

E. B. Thompson Strain.

LARGE, heavy boned birds for the farmer and fancier. Scored by Heimlich. Will sell at public sale, February 28th, Poland China bred sows and Shorthorn cattle. Farm joins Alta, Iowa. Telephone No. 87. Write for catalog.

J. A. PENN, :-: ALTA, IA.

BARRED Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92½ points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7½ to 11 pounds. Price \$1 to \$3. Write your wants to M. A. Easthouse Hartley, Iowa.

### Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Duncker, Lamoni, Iowa.

### PARTRIDGE COCHINS

CHEAP to close out; 40 fine cockerels, 15 pullets. Come quick. D. C. Ross, Box 253, Audubon, Iowa.

Mike's S. C. Buff Orpington Ranch. EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94, 15 eggs \$2.00, 25 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Holland, Slater, Iowa.

60-BARRED Plymouth Rocks, exclusively. Are from birds scoring 91½ points and cock that won 1st at the state fair. They are large bone, well barred, the best barred lot of birds we ever raised. Not a bad colored bird in our flock. Price \$1.50 to \$3.00 each. Address, George Bouewell, Grinnell, Iowa.

BARRED ROCKS for sale, one hundred cockerels and 50 hens and pullets. Cockerels scored and unscored, scoring from 91½ to 88, 87, mating up breeding pens especially. Eggs in season, circular free. The Evergreen Poultry Farm, Mrs. Eva Girard, Schleswig, Iowa.

ROSE COMB BROWN LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

S. C. BUFF Orpingtons, from stock scoring 93½, S. C. Williams strain. Prices reasonable. Bob White Poultry Yards, Nettie Crane, Blencoe, Iowa.

BLK Cochins, S. L. Wyandottes, B. turkeys, sire 47 lbs score 96½; hens 97, 1st, 2d, 3d, 4th; 1st, 2d, 3d pullets. Albert Lea show. Mrs. D. C. Molsberry, Plymouth, Ia.

S. L. Wyandotte cks., for sale; five large birds from high-scoring stock; also two Buff Orpington cks., single comb. Mrs. F. H. Long, Manning, Iowa.

#### ROSE COMB WHITE LEGHORNS.

Write for prices. M. T. McVoy, Emmetsburg, Iowa

SILVER-LACED Wyandottes, Steinmesch strain, some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Bedford, Iowa

WHITE Wyandottes, both sexes. Scored and unscored cockerels and pullets. Hens all scored. Prices right. Mrs. L. M. Estes, R. 2, Audubon, Ia.

100 Barred Plymouth Rocks, scoring 89 to 91, bred for utility and fine points, large fine shape, prices right. Mrs. Anna Dockey, Pilot Mound, Ia.

UPLAND POULTRY FARM—Stock for sale from Light Brahmas, Rhode Island Reds and R. C. B. Leghorns. Albert Haus, Waucoma, Iowa.

Folt sale, white Wyandotte cockerels and pullets from large, well bred stock. Write me for prices. Mrs. A. H. Graham, R. F. D. No. 1, Alexis, Ill.

200 Barred Plymouth Rocks, scoring 89 to 92, bred for laying and fine plumage, large and vigorous. \$1.00 to \$5.00. C. G. Good, Ogden, Ia.

MAMMOTH BRONZE TURKEYS, heavy-boned, blocky birds from high-scoring stock. C. A. Molsberry, Plymouth, Iowa.

#### POULTRY.

### 75 PLYMOUTH COCKERELS FOR SALE

OF the Bradley, Ringlet and Eclipse strains. Some very excellent birds at \$1.00 and up; cau also spare a few good hens and pullets. Address

Mrs. E. F. Escher, Manning, Iowa.

### Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

Mrs. B. F. Wilcoxon, Fort Des Moines, Iowa.

### White Holland Toms

WEIGHING from 16 to 20 lbs., \$4.00 each. Choice Barred Plymouth Rock cockerels, \$1.50 each.

J. S. TEALE, Lamoni, Iowa

### WHTE WYANDOTTES FOR SALE.

300 YOUNG birds of the choicest strains. Will sell cheap as far as in need of the room. Wm. Miller, Rush Park Stock Farm, Independence, Iowa

SINGLE COMB W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

BUFF Cochins Exclusively. 20 large framed, good boned, even colored, well feathered cockerels for sale at \$2.00 to \$5.00 each. Write or order. W. W. Vaughn, Marion, Iowa.

FOR SALE—Mammoth Bronze turkeys of both sexes, also B. P. Rock cockerels from prize-winning stock. Mrs. T. O. Cooper, Kulerim, Iowa

FOR SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

CHOICE B. P. R. cockerels, Bradley and Thompson strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

ROSE and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

CHOICES L. Wyandotte cks., W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eggabroad, R. 1, Grundy Center, Ia.

MAPLE GROVE Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia.

S. C. B. LEGHORNS, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

FOR Sale—150 choice Barred Plymouth Rock cockerels and pullets. Some very fine M. B. turkeys. Eggs in season. Mrs. Mary Pierce, Nevada, Iowa.

ROSE Comb Brown Leghorn Cockerels 75c each and White Holland Turkey Toms \$4.00 each. Mrs. Ida M. Reuter, Corydon, Iowa. R. F. D. 4.

FOR sale, Black Langshan cockerels at \$1.00 and \$2.00 each. Parent stock scoring high as 95 pts. Address, J. M. Cameron, Oskaloosa, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 to \$2.00 each. Big bone, fine color, bred from our winners. J. M. Detwiler, Dunlap, Iowa. R. 1.

LIGHT Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

"SPECIAL, high-class snappy lot, Barred Rocks, cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

200 FULL Blood Black Langshan cockerels \$1.00 each; pullets \$1.25. B. F. Read, Blairsburg, Iowa. Route 1.

WHITE Wyandotte cockerels for sale, scoring from 91 to 94½. Mrs. J. G. Huffman, Audubon, Iowa. R. 6.

#### POULTRY.

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins, Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96½ at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

### Evergreen Poultry Farm, MARATHON, IOWA.

200 prize winning birds for sale. B. P. Rocks, M. B. turkeys, Pekin ducks and Toulouse geese, fine large birds with or without score cards. Prices right. Write me, Mrs. Silas Cobbs.

### CEDAR LAWN POULTRY YARDS

Barred Plymouth Rocks exclusively. 75 scored cockerels at \$1.50 to \$3.00 each. A few unscored at \$1.00 each. Prompt shipment and satisfaction guaranteed. W. J. Applegate, New Sharon, Iowa.

### Mammoth Bronze Turkeys.

HIGH SCORING young stock for sale. Score cards furnished. Address: GUY W. OFFILL, Prairie City, Iowa

### MAMMOTH BRONZE TURKEYS.

MISSOURI King and Giant strains exhibition birds. Mated trios \$12. Barred Rocks, large sized birds, good shape, color. Henry Schlatter & Sons, Lawler, Ia.

POSE Comb Brown Leghorns, exclusively. Cockerels from high scoring stock \$1 each, 6 for \$5. Eggs \$3.50 per 100, \$6 per 200. R. R. Stewart, Charles City, Iowa.

FOR SALE—150 thoroughbred Mammoth Bronze turkeys. Large bone, well marked. Toms, \$5 each, hens, \$3. C. M. Snyder, R. 4, Corydon, Iowa.

PRIZE-WINNING Light Brahmas, scored by Judge Russell. Scored cockerels \$2.00; unscored birds, \$1.00. J. Q. Swallow, Box 89, Nodaway, Iowa.

WHITE Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa

MAMMOTH Bronze turkeys, large boned, well marked young toms \$5, hens \$3, pullets \$2.50, all W. P. R. cks., \$1 each. Sterling Maun, Melrose, Ia.

WHITE Wyandotte cockerels, fine ones for sale cheap to close out, from stock scoring to 96. Three yearling cocks. Mrs. S. E. Alley, Greenfield, Ia.

FOR sale, fine, large Black Langshan and Silver Laced Wyandotte cockerels, scoring from 92 to 94½. Prices right. Mrs. Wm. Barr, Kirkman, Ia.

FOR SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Hunt, Earlville, Iowa.

40 BREEDS hardy, thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. Catalog free. R. R. Neuheit, Mankato, Minn.

CHOICE Mammoth Bronze turkeys, both sexes, large boned, fine plumage, extra strains. Prices reasonable. Mrs. C. C. KEE, Madelia, Minn.

MAMMOTH B. turkeys, both sexes, B. Langshans, C. cockerels, scored and unscored. At P. Pekin ducks. Mrs. A. Kitson, Audubon, Iowa.

SILVER-LACED WYANDOTTES, Pekin ducks. Choice stock, scored and unscored. Prices right. Mrs. F. R. McLaugh, Manning, Iowa.

WHITE Plymouth Rock cockerels for sale. Fishel strain, good weight, healthy birds, pure white. C. J. Rose, Ogden, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spalt, Box 7, Pleasantville, Iowa.

FINE Partridge Cochins; also trio White Holland turkeys, "good enough for show room," \$20. Floy Collins, Viola, Iowa.

#### POULTRY.

### Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90½ to 95½ at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, Iowa

### For Sale--High Scoring Prize-Winning

BARRED P. Rock cockerels and M. B. turkeys, both sexes. Toms weighing up to 25 lbs., \$5.00; pullets, \$3.00 each, two for \$5.00; trios mated, not akin, \$12.00; also 3 dozen B. P. It. hens at \$10.00 per doz. Address, M. V. Leeper, Redfield, Iowa.

#### 30 CHOICE

Single Comb White Leghorn Cockerels All good ones and from the very best of stock.

Address, JNO. C. MILLER, Harlan, Iowa

### G. M. Grinstead, Mitchellville, Iowa.

40 Monster M. B. Turkeys, bred from N. Y. prize winner, and winners at recent Iowa State Poultry show, '06; won 1 and 2 on young tom, 1, 2, 3 and 4 on pullet, 2nd on pair. 50 B. P. Rock cockerels. 30 Pekin ducks. Phone 91 D.

CHOICE M. B. Turkeys, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strain; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

### BARRED PLYMOUTH ROCKS

WRITE FOR PRICES TO MRS. C. L. WHITE, HARTWICK, IA.

### LANGSHAN COCKERELS

I AM offering some extra fine birds at reduced prices to close them out. E. D. Keasy, R. R. 1, Wiota, Iowa.

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa

WHITE P. Rocks, B. Langshans, S. L. Wyandotte cks., scored and unscored. Satisfaction guaranteed; prices right. Mrs. Corn E. Berger, Harlan, Ia.

MAMMOTH Bronze turkeys, descendants of a 53 lb. tom, White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

WHITE Plymouth Rock cockerels, scored and unscored. Scored stock 92 to 94½. farm raised, \$1 to \$2. Eggs in season. D. A. Good, Ogden, Iowa.

PURE Bred Barred P. Rocks, scoring 89 to 92½. Choice cockerels, cockerel and pullet matings. Eggs in season. Mrs. R. VanDerWert, R. 2, Lacey, Ia.

BUFF Rocks for sale.—150 pullets, hens, cocks and cks., scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steadom, Lacey, Ia.

MAMMOTH White Wyandotte cockerels and Buff turkeys, true to color and large size, at reasonable prices. Mrs. L. C. Dennison, Arbela, Mo.

FINE, large-boned Mammoth Bronze turkey toms at \$5.00 each. Barred P. Rocks at \$1.00 to \$3.50 each. Write D. H. Leshler, Robius, Iowa.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, fine range. Address, W. O. Fritchman, Route 2, Muncie, Iowa.

MY ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

S. C. BROWN LEGHORN, S. C. White Leghorn, and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

ROSE Combed Brown Leghorn cockerels for sale, 6 for \$5.00, also eggs in season. Write for prices. F. Bowman, Eldora, Iowa.

FOR SALE—BARRED PLYMOUTH ROCK COCKERELS. \$1.00 and \$2.00 each. W. J. Dooley, Keosauqua, Iowa.

WHITE WYANDOTTE cockerels. Fishel strain for sale \$2.00, eggs \$2.00 for fifteen. C. W. H. Beyer, Grinnell, Iowa.

FINE, LARGE MAMMOTH BRONZE TURKEYS and Rouen Ducks. J. H. Howarth, Moulton, Iowa.



# Mrs. Cora B. Miller Makes a Fortune

Started a Few Years Ago With No Capital, and Now Employs Nearly One Hundred Clerks and Stenographers.

Until a few years ago Mrs. Cora B. Miller lived in a manner similar to that of thousands of other very poor women of the average small town and village. She now resides in her own palatial brown-stone residence, and is considered one of the most successful business women in the United States.

Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was besieged by so many women needing treatment that she decided to furnish it to those who might call for it. She started with only a few dol-



Mrs. Miller's New Residence, Earned in Less Than One Year.

lars' capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

## Million Women Use It.

More than a million women have used Mrs. Miller's remedy, and no matter where you live, she can refer you to ladies in your own locality who can and will tell you a sufferer that this marvelous remedy really cures women. Despite the fact that Mrs. Miller's business is very extensive, she is always willing to give aid and advice to every suffering woman who writes to her. She is a generous, good woman and has decided to give away to women who have never used her medicine \$10,000 worth absolutely FREE.

Every woman suffering with pains in the head, back and bowels, bearing-down feelings, nervousness, creeping sensations up the spine, melancholy, desire to cry, hot flashes, weariness, or piles from any cause, should sit right down and send her name and address to Mrs. Cora B. Miller, Box 4607, Kokomo, Ind., and receive by mail (free of charge, in plain wrapper) a 50-cent box of her marvelous medicine; also her valuable book, which every woman should have.

Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are ailing, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000 worth is all gone.

Active and retired farmers, and all persons owning, renting, dealing in real estate or property of any description to send for sample pages of the only work of the kind published in the world.

## "The Encyclopedia of Iowa Law."

"No work like this has ever been published in the English language." From The Homestead.

"Your book is the only one I have seen on which I can place any reliance." The Hon. H. E. Deemer, Judge of Supreme Court.

"I would not take one hundred dollars for it if I could not get another." W. W. Hagin, R. F. D., Union, Ia.

"No fifty volumes, and I might safely say, not even a hundred volumes in my library could be selected that would be to me of so much practical use what the law is in Iowa on a given question, or advising others as to the law." Judge C. B. Bradshaw.

"The laws of Iowa need no longer be a sealed book to the people of Iowa." Register and Farmer.

Sample pages free to those interested. Address, Iowa Law Book Co., Box 342, Marshalltown, Iowa.

## Musgrave Wire Stretcher

Stretches fence post and post; turns with a crank; pulls 10,000 lbs., \$6.00. Also ask for cat. lawn, poultry and hog fences and gates.

MUSGRAVE FENCE CO., Des Moines, Iowa

## SAVE YOUR MONEY

Give us an opportunity to quote you freight rates on shipment of your household goods to the Coast or Northwest. Address, L. L. Box 299, Des Moines, Ia.

## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

### CUT TIMBER PERSONAL PROPERTY.

A Subscriber, Weeping Water, Neb.—A owned a farm and sold to B one acre of standing timber upon it—not the land, but the timber. Afterwards A sold the farm to C. B. has the timber he bought, cut and ricked up on the land. In case the timber is not removed from the land when C takes possession of the farm, can he hold the timber?

Answer—If C knew when he bought the farm that the timber had been sold by A to B, C cannot hold it. It might, however, save all parties trouble for B to remove his timber before C takes possession.

### OUTLAWED JUDGMENTS.

A Subscriber, Reece, Kan.—B and M went to law over a small debt. The court gave B judgment against M for \$170, and also gave M judgment against B for \$85. B has kept the taxes paid on his judgment; and M has not kept the taxes paid on his judgment, thinking he could never collect it because B has nothing. M has since then bought a farm in the same county where judgment was rendered, and also has a lot of live stock and a farm in an adjoining county. The judgments were rendered nine years ago. (1) Are the judgments outlawed? (2) Can B have execution levied on M's farm in the adjoining county to satisfy his judgment? (3) Can M turn the property over to his wife to defeat the judgment?

Answer—(1) They are. The law provides that a judgment becomes dormant in five years if no execution be issued thereon, and that a dormant judgment may be revived within one year thereafter. When this is not done it is outlawed. It is unnecessary to answer the second and third questions.

### CHANGE OF NAME.

A Subscriber, Hopkins, Mo.—A man by the name of Smith took a boy to raise whose name was Jones. He did not adopt the boy, and as the boy grew to manhood he was called Smith, but he was married by the name of Jones and signed all papers such as notes and deeds with that name. (1) Can he have his name changed to Smith, and if so, how? (2) Would he have to have all the papers he signed as Jones changed? (3) Can his children marry or do any business lawfully under the name of Smith, unless his name is changed?

Answer—(1) He can have his name changed from Jones to Smith by filing in the circuit court of the county where he lives, a petition, under oath, giving his full name and the new name desired, and stating his reasons why the change is desired, and the court will thereupon make an order changing the name accordingly and the same will be entered of record and notice must be published thereof in a newspaper of the county (if there be one) three times, and if there is none, then in St. Louis or Jefferson City. (2) The record of the changed name should also be recorded in the office of the county recorder wherever there be papers or documents



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signed by the old name, but no change should be made on them. (3) They could.

### ASSUMED NAME.

A Subscriber, Brighton, Iowa.—A married B under an assumed name. (1) Is the marriage valid and binding in law? (2) Do the parties and their children have the same property rights as to inheritance, distribution, etc., as though A had been married to B under his real name?

Answer—(1) The marriage is valid and binding. (2) The parties and their children have precisely the same rights as to property and in all other respects, including inheritance, distributive shares, etc., as though the man had married by his real name.

### MONEY HAD AND RECEIVED.

A Subscriber, Hopkins, Mo.—A exchanged his milling plant in Missouri to B for his farm in Kansas, possession to be given by each to the other on or before April 1, 1905, but as the season was getting late for renting farms, before A got possession, he instructed B to lease the farm and assign the lease to him, A, when the deal was completed, which was done. The rent was in cash and a part was paid down to B, which he turned over to A. The lease called for a note of \$100 and the balance of the rent was due January, 1906. B said there was no note given, but had it at the same time and sent it to a bank in Kansas and collected the money on it, two months before it was due. The mill and the farm were exchanged according to contract. Can A recover the \$100 from B and would it be a civil or criminal action?

Answer—A can sue B and recover the \$100 and interest. It would be a civil action for money had and received. B is not liable to a criminal prosecution.

### RAILROAD CROSSING.

A Subscriber, Lake Mills, Iowa.—The railroad track crosses my farm. The railroad company constructed a private crossing for me, but in the winter the company takes the planks away, and I have to get other planks and lay them over the track, and then remove them after I have crossed. I have much hay and wood to haul across the track in winter time, and this crossing is the only place where I can cross the track. What can be done about the matter?

Answer—The law provides that at the request of the land owner the railroad company shall not only make a suitable crossing, but shall keep it in good repair. See Sec. 2022, Iowa Code, p. 703. You might apply to the railroad commissioners for relief, or you might bring an action in the district court for mandamus. In either case you would need the services of a lawyer. The railroad company can surely be compelled to keep your crossing in good repair in the winter as well as in the summer.

### ABATING A NUISANCE.

A Subscriber, Polo, Ill.—A and B own adjoining farms, with a partition fence between. A has woven wire on the side of the fence next to his field, about forty-two inches high, and two barbed wires above that, making altogether a very good fence, but he has attached on the other side of the posts next to B's field two barbed wires, twelve and twenty-four inches from the ground. B keeps fine thoroughbred mares in this field and it looks as though these lower wires were placed for the purpose of injuring B's valuable horses. In view of this B erected a new woven wire fence on his own ground three feet from the partition fence and running parallel with it, so as to protect his horses from the dangerous wires. (1) Had A a legal right to place the wires as stated? (2) Can he be compelled to remove them? (3) Can B have the matter rightfully settled without difficulty?

Answer—(1) He had no such right. The wires placed as you state form a manifestly dangerous trap for a horse's foot, without being of any use to the fence. They therefore constitute a nuisance.

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sance, which B should tear away without law, and prevent A from going on his (B's) side to attach them again, and if he does attach them again, tear them away again, and if he does attach them again, tear them away every time; it would be but abating a nuisance, which B has the right to do. (2) Probably not, but B can remove them. (3) Probably not, but he should make difficulty for A and let him sue if he wants to. A's conduct is outrageous?



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Box 727, Kansas City, Mo.

**WITH THE EDITOR.**

Some of our readers have visited the  
capitol building while the legislature  
was in session, but probably the larger  
number have had no such experience.  
For their benefit I shall chat about a  
visit to Topeka, which occurred the mid-  
dle of last month. I went up to at-  
tend the yearly meeting of the Kansas  
Women's Press Association, which met  
this year, for the first time, at a date  
which enabled its members to "take in"  
the sittings of the state legislature. By  
great good luck it chanced that the day  
of our visit was one on which there was  
spirited discussion in both chambers. We  
saw the law-making assembly, if not at  
its best, when it was at least decidedly  
interesting.

The Kansas capitol is not as impos-  
ing as some other state buildings I  
have seen, but it is a handsome struc-  
ture nevertheless, and to a non-exacting  
sightseer seems to serve its purpose very  
well. In addition to the legislative  
chambers, the various committee rooms  
and state offices, it houses the state  
library, of which I wrote after a pre-  
vious visit, and the traveling library, of  
which I hope to tell something in the  
near future.

It was not the building we went to  
see this time. Immediately upon arriv-  
ing we proceeded directly to the house,  
as the lower chamber is termed. In  
this large hall with galleries for the  
public at both ends we found the state  
congressmen seated each at his desk like  
so many pupils in a boys' school. On  
a raised platform at one end sat the  
speaker, toying with the gavel. In front  
of him were the clerk of the house, re-  
porters, etc.

Just at first we used our eyes rather  
more than our ears—the personnel of  
the men at the desks absorbed us. The  
first thing which struck us was that  
the majority of the men appeared to be  
in the forties—there were few bald-  
heads and fewer gray beards. The sec-  
ond thing we noticed was that, on the  
whole, it was a clean-looking body of  
men—there were no bloated faces or  
costly-looking noses.

Evidently the house had at some pre-  
vious sitting referred a bill regarding  
Sabbath observance to a committee.  
This committee reporting back to the  
house that morning, had presented a  
majority and also a minority report.  
When we arrived the house was debat-  
ing which of these reports should be ac-  
cepted. As we were in the ladies' gal-  
lery and had no memoranda we found  
it a little difficult to gain a clear idea  
of the proceedings, but eventually we  
gathered that one part of the committee  
wanted stricter Sunday laws, laws which  
would prohibit Sunday circus and vaude-  
ville performances, and baseball playing,  
and the other—well, it turned out that  
the other did not know just what it  
did want; rather the report it presented  
could be construed to mean either of  
two things and the men could not agree  
as to which was recommended. It was  
really comical. If such a thing should  
happen in a woman's body when men  
were present the women would be held  
up to the ridicule of the nation for  
many a day. Nobody there seemed to  
think it was anything out of the way,  
however. Possibly it is a common oc-  
currence. It ended by the house refer-  
ring the bill back to the committee for  
further consideration. The discussion  
which brought out all this was decid-  
edly interesting. We gathered that the  
good old-fashioned Sunday is still good  
enough for a good many Kansas legis-  
lators, and that they wish their constitu-  
ents to know where they stand on this  
important matter. None of the speeches  
made were especially profound, brilliant  
or even up-to-date. There was no dis-  
play of philosophic reasoning, no flights  
of oratory and no one seemed to know  
about the stand recently taken by  
France in the matter of Sunday observ-  
ance. Still the speeches were good, the  
men spoke from the heart, and some of  
them spoke pretty well. Their points  
were well taken and they made them-  
selves heard.

When, leaving the house, we hurried  
to the senate, we found that it was  
in executive session, with closed doors.  
As it was then 11:30 and adjournment  
would soon be in order we decided to  
depart and return later, which we did.

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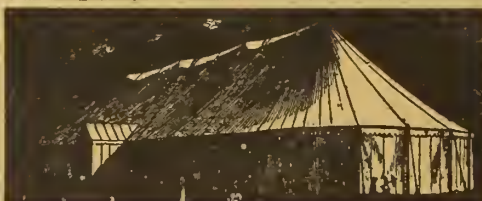
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the committee on ways and means.  
To serve the people well in the legis-  
lative assembly is a high honor. It  
calls for large and varied gifts and  
strong character, but as we were jour-  
neying back to Kansas City that eve-  
ning my friend and I agreed that we  
knew women not a few who could fill  
the place with credit to themselves and  
benefit to the country.

**HOME AND HOMEMAKING.**

**LITTLE HELPS BY THE WAY.**

One kindly deed may turn  
The fountain of thy soul  
To love's sweet day-star, that shall  
O'er thee burn  
Long as its currents roll!  
Oliver Wendell Holmes.

Life is not so short but there is always  
time for courtesy.—Emerson.

Politeness, or civility, or urbanity, or  
whatever we may choose to call it, is the  
oil which preserves the machinery of so-  
ciety from destruction.—Dr. J. O. Holland.

**KEEPING WARM IN WINTER.**  
Chief among the beneficial exercises in the



matter of keeping warm is deep and full breathing through the nostrils. There are plenty of exercises for the body, arms and legs to help the different kinds of breathing. But for my own part I find that deep and full breathing without such movements is quite sufficient. The full breath consists of a deep lower inhaling, followed, without exhaling yet, by an inhaling during which the ribs expand outwards; then, still without exhaling, the breath is sent to the top of the lungs; there it is held for a moment or two; then it is gradually, yet fully, exhaled. It took me many months to learn this way of breathing, which consists of several successive processes, just as the action of rowing does, although we speak of the whole "stroke" as of a unity.

There are other useful exercises. The most familiar are stamping the feet or running, swinging the arms across the chest (in cabman fashion), and rubbing the hands. Rubbing the body with a very rough towel after the bath is fine exercise if it is done thoroughly and energetically.

Few people, however, know how quick is the effect of an altogether different kind of practice—namely, stretching. Stretch the leg out and stretch the toes well out and down; then keeping the leg stretched out, stretch the heel down, instead of the toes. Do this with each leg in turn. Do it with the arms also, stretching the arm out and then the fingers out, then the "heel" of the hand instead of the fingers. One reason why this makes one feel warm is that it gives a clear passage of blood which before had been too sedentary.—London Mail.

JUST A FEW SMILES.

Mother—"Tommy, what did I say I'd do to you if you touched that jam again?"

Tommy—"Why, it's funny, ma, that you should forget it, too. I'm blamed if I can remember."

"Here, hold my horse a minute, will you?"

"Sir! I'm a member of congress!"

"Never mind. You look honest. I'll take a chance."—Courier Journal.

THE GIRLS THAT ARE WANTED.

The girls that are wanted are home girls, Girls that are mother's right hand, That fathers and brothers can trust in, And the little ones understand.

Girls that are fair on the hearthstone And pleasant when nobody sees; Kind and sweet to their own folk, Ready and anxious to please.

The girls that are wanted are wise girls, That know what to do and to say; That drive with a smile and a soft word, The wrath of the household away.

The girls that are wanted are good girls, Good girls from the heart to the lips; Pure as the lily is white and pure, From its heart to its sweet leaf tips. —Selected.

FROM THE HOME COOK BOOK.

Good Scramble—Make the same as described for headcheese until the liquor is poured over the chopped meat and boiled, when cornmeal is stirred in until the contents are as thick as cornmeal mush. Stir constantly for ten or fifteen minutes, then set back on stove and cook slowly for an hour. When

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done pour into a shallow dish or mold. This is sliced thin and fried when wanted for the table.

Potatoes Roasted in Gravy—Pare potatoes of even size, letting them stand in cold water for ten minutes. Dry and put in the pan with the roasting spare ribs. They will come out brown and crisp, and will be found very appetizing.

Timbale of Rice with Peaches—After washing six ounces of rice, put into an agate stewpan with a little butter, four ounces of sugar, and a few pounded bitter and sweet almonds. Add one quart of milk and a little salt. Let the whole boil very gently over a slow fire, and by the time the milk has been absorbed by the rice the latter will be sufficiently done. When the rice is done, add the yolks and the well-whipped whites of three eggs. Line a mold with short paste. The prepared rice should then be put into the mold and baked for about an hour. Then turn the timbale out of the mold onto a dish, and sprinkle with sugar. Put some canned peaches around the base, and set away to get cold. This is delicious and can be eaten hot as well as cold.

## AMONG OURSELVES.

Sometimes in the course of a discussion carried on Among Ourselves for several weeks it becomes advisable to allow the person who started the subject to speak a second time. It will be remembered that our friend, Mrs. Ed. Streeter, started a ball rolling which gave us a merry chase. Well, Mrs. Streeter is here again this week:

This week has been a splendid one for meditation. It has stormed since Monday till today (Saturday). How we do rejoice in the sunshine again! If gloomy tempers and nagging dispositions have the same effect on those around us as this "spell" of weather has had, then I do hope that none of us will ever be guilty of indulging in them. We cannot all be beautiful, but we can all be sunny, and this brings me to the subject I started out to talk about. I have revolved over and over in my mind the answers to my questions to the gentlemen friends. One question they misunderstood. I said they "pretended" contempt for women, not that they did have contempt. Now, I think the early training of some men has had a great deal to do with that "pretended" contempt. I have heard, and no doubt you have also, heard people say to some small boy, "Girls are no good, are they? They can't do this, or they can't do that, can they?" And they grow up with the idea that girls are rather a necessary nuisance. I did not intend to convey the meaning that they had contempt for their character. As for going to church, I think it is as some said, that men are out in the world all week, and when Sunday comes they much prefer resting and reading their neglected papers to crowding into dress-up clothes and sitting decorously in church. As to tracking in mud and leaving old clothes around, that is all a matter of training and habit, and a woman with tact and diplomacy can overcome it to a great extent, or she can drive a man to the saloon, or any other place but home by eternally jawing about it. I suppose a great many of you have read the articles in the late Cosmopolitan on "The Girl Who Travels Alone," by Eleanor Gates. I wish some of you would express your opinions about girls traveling alone. My opinion has always been that a woman was safe anywhere if she carried herself with dignity. I want to tell the children about our walnuting trip some time.

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I second the motion about book talks. Let us have them once in a while.

The motion for occasional book talks having been duly seconded, it is now before the house. What will you do with it, friends? Apropos of Mrs. Streeter's remarks, is it not true that from the time little boys are promoted to the dignity of trousers they are taught that boys are superior to girls? I knew a little lad who was punished by being put in petticoats when he was naughty, as if to be a girl were the worst thing that could befall him.

But another friend who gave us a topic for lively discussion is with us, An Illinois Bachelor, friends:

Would I intrude to ask a second hearing? It seems as if I had stirred up a hornet's nest. I am causing controversy as diversified as President Roosevelt on the negro troop decision. My remark on kissing was wrongly interpreted. I would deserve criticism and even reproach should I ask a lady for a kiss; but can I not find out her views without lowering myself to this? I meant that I did not intentionally keep company with a girl who would allow a good-night kiss. If I were a girl I would not keep company with a young man who used intoxicants, tobacco or profane language. Such are not worthy of a lady's company. I would like the opinion of both sexes on this matter. I wish some lover of books would tell me something to read. "Richard Hardy's Seven Days" is good and so is "Alice of Old Vincennes." I have read the Bible through twice. How many of you have done that?

I wonder what a show of hands on that question would give us?—not what it would twenty-five years ago I fear. Let us resolve to read our Bibles more. The "Pleasant Fields of Holy Writ" will reward our ranging, of that be very sure. And won't those who are doing general reading tell us of books they are finding worth while? In a circle like this we ought to have no trouble in having a good book talk quite often.

The bachelors have been making quite a sensation in our circle of late. Of all who have appeared before us none has made a better impression than Minnesota Nicholas whom "Justice Sincere" makes a text for a fine little sermon:

I wish to express my pleasure in reading such a manly letter as Minnesota Nicholas wrote. Such character as he exhibits does not spring up in a day. It is part of a heritage that is without price. He is the kind every young woman should hold as her ideal if she values future happiness. The young man that is not a gentleman always, or the young woman that lacks in womanly grace and modesty is not the one that will strive his or her best in life for the other's happiness. Girls, if a young man cares

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for you as he ought, he will protect your virtues as he would his life. Don't trifle and flirt. There are better ways, and as to the husband with whom you will be



happy, don't expect to meet him in the ball room or among the sports, but rather at the churches. If this were oftener the rule, than the exception, more of our young men would be in the churches and would be manly men. Perhaps, girls, you have never given a serious thought to this, that a part of this responsibility is yours. Young men, place a value above price on your own self-respect, for when you cannot respect yourself, who else can? Character is yours to make or to mar. The highest tribute that can be paid you is that you are a man of your word and a Christian gentleman. "Justice Sincere" has a word regarding Cousin Hardmaster, but it will keep until next meeting.

"M. L. Farmer" is so interested in Minnesota Nicholas that she says: "I would like to know where he got his ideas," then addressing the young man, she asks, "Did you get them from your mother, or from your father, or from both? Or did you get them by reading and thinking and observing?" We shall be pleased to have Minnesota Bachelor answer these questions. Another member of the circle, "A Farmer's Wife," after congratulating the young man upon the stand he has taken proceeds thus:

True Christian men and women should do their utmost to abolish a different standard of morals for the sexes. To that end I am going to risk treading on toes, but let me say the toes trod upon deserve a five-pound rock dropped on them. I refer to women, several of whom are usually found in a community, who spend time that could be better employed in training both sons and daughters in Christian principles and a decent regard for the proprieties of life—in talking and manufacturing scandal, and repeating tales whose strongest point has a distinct packing-house odor. Although gossip is supposed to be only a woman's weakness, many men seem to enjoy the same diversion, judging from tales repeated to me by my husband, and the wives of other husbands. Creameries seem a popular place for the spreading of unsavory yarns, and stranger of all, the man or woman who will not mix in this talk is not popular. We see lots written about the high ideals of the American citizen, and much of it is true. But there is certainly needful improvement in that respect. It has also been said, the pen is mightier than the sword, and I wish every true man and woman would use their pen and voice against this blot upon American manhood and womanhood until such a sentiment is created against it that our rural homes may be purged of falsehood and gossip, and those who derive entertainment therefrom may become ashamed to utter the imaginings of their evil minds.

The matter of the existing double standard of morals referred to by "A Farmer's Wife" seems to appeal very strongly to our readers if we may judge by the number of letters received. Like some other subjects of very vital interest to the home it is a subject difficult of general discussion. There are persons who think that to discuss such a subject is almost indecent; persons who think it probably dangerous, and persons who think it certainly questionable, as well as persons who think that the best interests of society are served by pure-minded, fearless exchange of opinion which tends to the formation of healthy public sentiment. Let us respect each other's judgment as we listen to a final word on the matter from Nebraska Bachelor and R. A. P.:

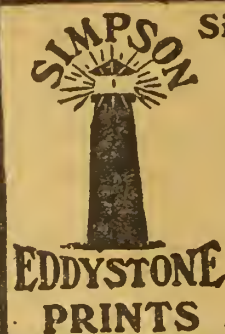
I want to enter a plea for an equal standard of purity for both sexes. Parents, teach your boys, as well as your girls, to be pure and modest and honorable. Set them a good example yourselves; try and turn their thoughts in proper channels; allow no vulgar or degrading conversation or literature in your home; do not allow your girls to associate with boys or men unless you know them to be of good moral character. To the girls I would say, have nothing

to do with a man who does not pay your proper respect. Do not allow any undue familiarity; remember that one occasion of this kind leads to another and do not let it pass unrebuked. If a man's intentions are not purely honorable you should not desire his company. And I will add, even if I am a man, that if you are a good, pure girl, the best of them is none too good for you. And to the boys I would say, do not take any liberties with a girl that you would not have some other fellow undertake toward your sister. Remember, when you drag a girl down, that you are breaking her mother's heart, just as surely as your mother's heart would be broken should your sister be dragged down by some other fellow.

The discussion, "Why are there so many fallen women?" has run some time, but it seems to me that it is of vital importance, for we all have mothers, and most of us, sisters or daughters. I know but little about city life, so will write from the country's standpoint as I see it. Why are there so many fallen women? Almost always because there are fallen or depraved men and boys, and why these men and boys? Our answer is, on account of false teaching or standards, or lack of any teaching. When will fathers and mothers realize that to protect their home and daughters they must protect and teach their sons right living and standards, and this teaching can't begin too young. The man or boy that would tempt a woman or girl has first degraded his own manhood or had false teaching, for an upright man naturally respects and protects woman. We have used the words, boy and girl, because we wonder how many fathers and mothers stop to think of the many temptations their children have to meet before they are in their teens, especially in our schools. Teach and protect your boys from the cradle up, the same as your girls, and help them to realize that the happiest life is the upright one. When men and boys are given to understand that there is but one standard for all, then will they conduct themselves accordingly. Man has demanded purity in woman and woman has met the demand. Now let woman demand the same of men, and they will meet the demand, and let the men with wives and daughters join them.

More and more I am persuaded that the most important work in the world is training the young, and the more fully I am persuaded on this point the more anxious am I that this matter should receive here Among Ourselves the attention it deserves. If we had a good vital talk along this line every week in the year it would not be too often. I am glad we are to have one this week. I bespeak a cordial hearing for "A Sad and Empty-armed Mother."

Let me give you a true incident. A young mother had a beautiful baby boy. He was her only treasure, as his father died shortly after his birth. Against the advice of true friends she gave up to her baby's every whim. While only a few weeks old, she carried and rocked him by hours, just because she loved to do it. Later on he grew too heavy for her strength, but on being laid in his cradle and coaxed, he kicked and struggled and cried till his face was blue. This his mamma could not endure, so, with aching arms, she carried her darling till he was asleep, and she was ready to drop with fatigue. This baby soon screamed, kicked, rolled on the floor, slapped and scratched his mamma's face, for by so doing he got what he wanted. When he started to school, more trouble arose, for he expected to have his own way there, too. His mamma would pity her "much abused" pet and told the teacher she knew "he had a temper," but she couldn't see why the rest didn't let him have "his own way." They surely could do that; they ought to pity him, as he had no dear papa like they had. Common sense knows this made things worse, as the children beat the boy and made his nose bleed once, so he was kept at home and mamma taught him. As he grew older, he got in many scrapes and at the age of twenty in a fit of temper, he shot a chum, for which he spent years in confinement. Luck alone kept the bullet from killing. Once his now white-haired, broken-hearted mother, although she is forty-three years old, he moaned her fate, saying, "Oh, son, why did you bring such sorrow to your poor mother's heart? Far better you had died with your



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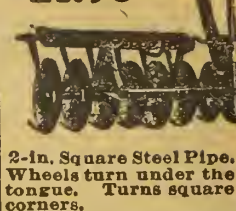
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father." He said, "Mother, since I have been in prison I have learned to keep my temper in check. Had you taught me that, I would not now be here. You have ruined my life, so don't come here to reproach me for bringing sorrow to you." Hard words for her bleeding heart; but was the son very wrong? I see numberless hands "held up in holy horror." I think a person that puts a child in the cellar or uses a whip cruelly is a brute, and not fit to own a child. Loving words will do more good than such treatment, but if words fail, a little switch will often help. Show the child why you wish it to mind. Often children are abused and never know what it really is for. The mother who always lets her children have their own sweet will loves herself better than them, for that is easier on her, just at the time. Teach your children to always have their own way and think others are abusing them and soon they will trample on and disrespect you. A baby will cry for a butcher knife as soon as for your friend's gold watch. Baby will spoil the watch by dropping it, but the mother will let her have it; but she removes the knife and lets her baby cry, sooner than let her have that. Now why does she not do the same about the watch? Simply because she is selfish. Here are some questions I would like to see discussed in the Home Department. Are all parents responsible for what their children are? Should all parents be blamed because their children are not what they ought to be? Do children, not only the younger ones, but the older ones, live up to the good training which they get at home?

A talk of this kind cannot fail to be helpful to parents. It is hoped that some questions about to be propounded by Mrs. Mira Scott will lead to other talks of a similar character.

Dressmaking and Millinery. No. 555.

Sylvia Silverthorne, Muscatine, Iowa. [All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

There are wonderful possibilities in some of the cast-off garments in any wardrobe, of which, the chances are, the possessor is unaware. Put into the hands of the professional "cleaner and dyer" they might come back to you "like new" and ready to wear, or to be remodeled, if that is desirable. While home dyeing and home cleaning (the latter of garments that may not be laundered in the ordinary way) will most often prove a "delusion and a snare," the professional is able to not only do the work in a satisfactory manner, but he can also foresee possible results, and will not advise work that will be of no advantage to you. In a general way I can give you a few hints, but for specific cases I must refer you to those familiar with the business. This line of work is now carried on in all

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the process. The exceptions to this are that stains and discolorations are not always remedied, although if you know the cause of the stain or what has taken out the color, the cleaner may be able to use the proper "corrective." Any fabric that is all of one material, as all-wool, all-silk, all-cotton or all-linen may be dyed, but mixtures need to be tested before there is any certainty. Any color may be made black, but not always a satisfactory black, for if there are strong



[5003—Bishop Nightgown, 32 to 40 bust.]

contrasts of color there may be two shades seen in the dyed fabric. Here again the judgment of the skilled must be called to your aid. Any plain colored material may be dyed another color or shade, but only by having a piece of cloth tested are you able to be certain as to the color or tint it will show when it has gone through the process. Usually the new color must be



[5537—Girl's Dress, 8 to 14 years.]

one that is darker than the original. For mixed materials the only way to know beforehand what shades and colors are possible is to submit a sample of the fabric to the dyer, and he will return it to you "dyed." Then you can decide whether or not you care to have the work done. I have been agreeably surprised within the last year to learn to what extent the ablest and best-dressed people are patrons of dyeing and cleaning establishments. It is an "economy" of which we should all take advantage, and I gladly pass on such information as I am able to give.

I need not describe the Bishop nightgown

pictured in No. 5003, as all are familiar with it, and it is a general favorite. For those who have been requesting this I must say that I was not prepared to present it earlier. The sleeve is joined to the body portion in a seam that extends to the neck. The adjustment is made by means of drawstrings run through beading, and it may be made to fit up about the neck as snugly as one likes. The sleeves may be open, or adjusted by means of beading and ribbons, or even by joining to a band. Pattern No. 5003 is cut in sizes for a 32, 34, 36, 38 and 40-inch bust measure.

No. 5537 pictures a charming guimpe

dress, the broad pleat at the front giving a suggestion of the princess. If liked the dress may be made of one material throughout. A lining is provided with the pattern, but this may be used or omitted at will. The waist and skirt are cut separate and joined in a seam, except where the front is extended to form the pleat that gives a vanel effect. Pattern No. 5537 is cut in sizes for girls of 8, 10, 12 and 14 years of age. Give age when ordering pattern. Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

First Quarter. Lesson VI. Genesis xii, 1-8. February 10, 1907.

#### Abram Called to Be a Blessing.

Four centuries and a quarter had passed since the flood. Noah himself had been dead only seventy-five years. Yet the new race seemed as deeply sunk in as the old. The goodness and severity of God in the deluge appeared to have been in vain. In the midnight gloom of a general degeneracy some few tapers, like that of Melchisedec's on Zion were yet alight; but even these were in danger of extinction by the violence of the wicked.

The race was in revolt against God. It had built its defiant tower, whose lofty stories were to be a refuge in case of a second flood. It seemed to have learned nothing by the sudden judgment which confounded its language and scattered it abroad. The first chapter of the Epistle to the Romans gives a faithful portraiture of the moral condition of the race at this period. Though they knew God, they glorified Him not as God, were thankless, and changed His glory into an image. "With their theoretical errors the stream of their practical transgressions rose to a fearful height." The remains of these eldest cities of the Euphrates Valley, now being dug up, show the people given to those gross immoralities usually attendant upon heathenism. The peril was so extreme that the knowledge of God would be entirely lost, and that, too, not by accident but by design. They did not like (wish or care) to retain God in their knowledge, so the foolish heart of the race was darkened.

At this crisis an ever-watchful Providence stepped in, meeting the emergency in a manner to excite the admiration of men and angels. He let the stream of human life flow on in its perverse course, not arresting it by any further general judgments. But from the great torrent foaming out its shame and casting up its mire and dirt, He took aside a little stream comparatively pure and had it run in a channel He had prepared for it, much as water is taken aside in the race to turn the mill. Here was no capricious favoritism. The design was to bless all humanity by blessing one of its families.

The proverb, "What God does, is well done," has no finer exemplification than in the selection of the progenitor of the new race. His very name is significant—Abram, "exalted father." Physically, intellectually, spiritually, he was God's man for the hour. His phenomenal virility has survived in his descendants for forty centuries. So has his intellectuality. He was ready for the glorious appearance that approached him. Then, as ever, the prepared message came to the prepared mind.

Abram was the first of pilgrim fathers, the first emigrant impelled by religious motives. He undertook his journey for his conscience' sake. He left a lovely land—marvelously rich—the home of the wheat-grain, pomegranate, apple, and grape. He left the highest civilization of his day and libraries with their tile-page volumes. He left country, kindred, father's house, to become henceforth a pilgrim and a stranger.

Well may his name be engraven high upon that tall obelisk, the eleventh chapter of the Epistle to the Hebrews, among the immortal heroes of faith, for it was with faith that he heard the Divine call, and by faith he obeyed, going out, not knowing whither he went.

It pleased God to encourage and sustain his faith with exceeding great and gracious promises. God undertook to be his guide, promising to show him the land, to make of him a great nation, bless him, and make him a blessing; to make His cause his own, so that his friends should be God's friends, his en-

emies God's enemies. He should be the first link in that long chain of generations of which, in the fullness of time, the Messiah would be born.

Three verses suffice to describe the call; the fourth narrates the obedience. So Abram departed. A blessed adventurer, he voyaged across the sea of sand upon his ship of the desert. As Columbus landing upon the shore of the new world unfurled the standard of Spain, and took possession of it in the name of his kingly patron, so Abram, reaching at length the land of promise, built an altar and dedicated the land and its inhabitants to Jehovah.

#### Analysis and Key.

1. Human degeneracy demands Divine intervention.
2. The Divine method. A little stream of human life. Directed in a special racial channel. No favoritism. The blessed one to bless all.
3. Abraham's fitness to be progenitor.
4. The first pilgrim father. A hero of faith.

#### The Teacher's Lantern.

The genesis of anything always has a peculiar fascination. We never tire of origins. This lesson brings us to the fountain head of the most important racial stream that has ever coursed its way through history; a stream to whose bosom the oracles of God were committed for twenty centuries; a stream that bore to earth the infant Messiah, as His type once floated on the Nile. A bird's-eye view of the winding of this stream, and the possible important function it may perform in the future of the kingdom of God, will prove an attractive introduction to the lesson.

Effort should be made to portray Abraham's exalted character and his fitness for the purpose for which God employed him. Crowd his career into a nutshell. Display its salient traits—faith, resolution, courage, military tact, magnanimity, etc.; admit its blemishes, but show them mere spots on the sun. Abraham would be a good man for our age; he was superlatively good for the age in which he lived. The Bible deals faithfully with the characters it portrays. It presents its characters, not ideally, but as they actually were.

Legends concerning Abraham may be used with good effect, especially the one from the Koran which describes him as secretly nourished in a cave until he grew up. Coming to the mouth of the cave for the first time, he sees a star and cries, "This is my god." But the star fades before the moon, and he acknowledges the latter as his god. But when the sun rose he turned in adoration to it, until it in turn sunk; then the patriarch cried: "Neither star, nor moon, nor sun shall be my god, but He who made the heavens and the earth!" By whatever process, Abraham had shaken off the polytheism and idolatry of his fathers and was monotheistic and Messiah-aspiring.

Through this fascinating narrative, as through a tissue curtain, one sees the Christian life spiritually portrayed. The Christian is a called one. He has heard and heeded. He breaks away from an old environment. He makes a transition. The word Hebrew first applied to Abram (Genesis xiv, 13) is supposed to mean "one who has crossed over," and to refer to the passage of the Euphrates. The Christian starts for a better land, assuring his heart with the faithfulness of the Promiser. He sings:

I'm but a stranger here—  
Heaven's my home.

He shows by his manner of life that he regards himself as a pilgrim. He might go back to his old life if he want-



## NEVER FAILS

to bring down game if skill is behind it. There are no better, safer, stronger arms than

# STEVENS

the shotguns and rifles that have ever been regarded as the highest example of gun-making the world over.

## Our Catalog Free

We issue a book of 140 pages, telling all you want to know about guns, rifles and pistols. How to pick out a rifle or a gun, how to take

care of it. All about cartridges, targets, and similar things. Send two 2-cent stamps and we will mail it free. For 6c, in stamps we send you artistic ten-color lithograph of hunting scene.

J. STEVENS ARMS AND TOOL CO.  
115 Pine Street  
Chicopee Falls, Mass., U. S. A.

## Wouldn't You Like

to have us show you the wonderful opportunities existing in the South, and how you could improve your present condition?

## THE "Seaboard Magazine"

Devoted to the agricultural and industrial development of the South, will point out the many advantages of a location in our mild climate, where life would be a greater pleasure as well as profit by reason of being able to carry on work throughout the entire year. Why battle against the elements? If you want a stock or grain farm, a fruit farm, truck farm, where lands are fertile and productive, in fact, anything, and want it in Virginia, the Carolinas, Georgia, Alabama or Florida, the magazine will assist you. Sent FREE on request, together with other handsomely illustrated literature descriptive of the South and its wonderful resources and progress.

Special low round-trip rates for homeseekers, prospectors and investors.

J. W. WHITE, General Industrial Agent,  
Portsmouth, Va.

Seaboard Air Line Railway, Dept. "S."

## TRY THIS MILL

10 Days Free.

I will send any responsible farmer one of

**DITTO'S**

Latest Double Cut,  
Triple-Geared  
Ball-Bearing

**Feed Grinders**

On Ten Days Trial—No Money In Advance.

If it does not grind at least 20% more ear-corn or other grain than any other two horse sweep mill made, send it back at my expense. Don't miss this offer. Ball-bearing throughout. Only 10 ft. sweep. Light draft. Grinding rings never touch each other—they last for years. Both grinders revolve, self-cleaning. Ask for new Catalogue.

G. M. Ditto, Box 12 Joliet, Ill.

2941 Hidden Name, Friendship, Silk Fringe, Envelopes and all other kinds of CARDS and Premium Articles. Sample Album of Finest Cards and Biggest Premium List, all for a 2-cent stamp. OHIO CARD COMPANY, CINCINNATI, OHIO.

ed to, as Abraham might have gone back to Mesopotamia, but he did not. He rears his altars as he journeys on. As Matthew Henry says: "Wherever Abraham had a tent, there God had an altar." He is God's witness as he goes, observed of all observers, his light and salt, the savor of all about him. He has but one other river to cross, and that is Jordan, and then he enters the sweet fields of Canaan.

It paid Abraham well, and that for two worlds, to obey God. Present-day obedience to God has promise of the life that now is, and of that which is to come.

A lasting and good fame is the gift of God. "I will make thy name great." Terah is the type of those who fall out by the way in the march to the land of promise. Robert Collyer says: "Terah started for the highlands of Canaan, but he settled on a flat."



## ADVERTISING NOTES.

Mr. Alexander James, of Shenandoah, Iowa, has five varieties of seed corn which he is offering for sale on page 29 of this issue. He can supply it either in the ear or shelled and guarantees satisfaction or will refund the money.

The New Albany Box & Basket Co., of New Albany, Ind., manufacture berry boxes and baskets, fruit and vegetable packages of all kinds. Send them for catalog if you are liable to be in need, as per advertisement on page 29 of this issue.

Eighty-five thousand acres of the best Texas land is to be up cut into tracts to suit purchasers. It is being placed on the market by Mr. John W. McKamey, of Port Lavaca, Texas. This land is in an ideal location and in productiveness is unexcelled; there is good water and fine drainage. The advertisement appears on page 26 of this issue.

The advertisement of the St. Louis Bag & Burlap Co. appears on page 10 of this issue of The Homestead. This company buy grain, feed and cotton seed meal bags, paying highest cash prices for same. They depend on farmer boys to collect them from their neighbors and in this way the farm boy can make good money in his spare time. Write the company and they will quote prices.

In order to close out a farmer's ledger account book which originally sold for from \$3 to \$5, The Journal, of Centerville, S. D., is offering them for sale at ninety-five cents. This is less than the cost of printing. These books are eight and one-half by fourteen inches, cloth bound, with leather back, departments for every kind of grain, stock and produce, and are designed to last for fifteen years. The advertisement from which further information can be obtained appears on page 4 of this issue.

The Colonial Securities & Trust Co., of Denver, Colo., are offering farms for sale near Denver, on which they will give the purchasers an opportunity to pay for same from a share of the crops. In their advertisement on page 26 of this issue they say: "We furnish an expert on the Campbell system free of charge to instruct you to plow your land by steam and extend you credit on machinery and building material if necessary." Write them for full particulars.

We would direct the attention of our readers to the petition asking for the enactment of legislation amending the untaxed denatured alcohol law, published on page 10 of this issue. These amendments are of the utmost importance to the farmers of the country, as they would permit the establishment of small stills for the production of alcohol from various farm products, and cheapen the cost of denatured alcohol so as to permit of its general use for lighting, heating and motor fuel purposes. As the time for action by congress is short, we would urge our readers to promptly cut out this petition, sign it, and send it at once with a letter to their senators, urging them to secure the enactment of this legislation at the present session of congress.

Many readers will be interested in two articles which Mr. G. M. Ditto, of Joliet, Ill., is advertising in this issue. The first is the Ditto double-cut, triple-gear, hall-bearing feed grinder which has been popular for so many years. It is a machine that needs no commendation from us. The other article will be more seasonable very shortly now. It is an endgate broadcast seed sower which Mr. Ditto has perfected. Like his celebrated feed mill, it is one of the very best appliances of its kind. It has a positive force feed and will sow regularly and dependably all kinds of seeds. Of course, the type is well understood. It attaches to the rear endgate of any wagon. The wagon carries the seed and the driver can fill into the hopper. It does fast work as well as clean, regular work, there being but little occasion to stop until the job is done. Circulars giving full information on both these articles can be had by writing to Mr. Ditto at Joliet, directing as requested in the advertisement on page 15.

## Genasco puts an end to your roof troubles.

You need never have another leaky house, barn, shed or chicken-house as long as you live.

Genasco Ready Roofing is made of natural asphalt from the wonderful Trinidad Asphalt Lake, and stands all sorts of weather—never cracks, rusts, rots, or catches fire.

Smooth and mineral surfaces, several weights. Every roll complete with nails and cement for laying.

Write for Book N, which tells facts and reasons—also samples, and go to the most progressive dealer in your neighborhood to see Genasco.

**THE BARBER ASPHALT PAVING COMPANY**

Largest producers of asphalt in the world

PHILADELPHIA

New York San Francisco Chicago



## You will never see this in the Southwest.

Nature takes better care of your live stock in the Southwest during winter, than you can possibly give them in the cold winters of the North and East. Not only does nature take care of the stock in the Southwest, but takes care of its owner as well and spares him the expense of building heavy shelter and providing food for long feeding periods.

## Nature is kind to the Southwestern Farmer

for he has pleasant weather all the year and rich land to cultivate practically 12 months every year. This rich land which he occupies under such favorable conditions is capable of growing 30 bushels of wheat to the acre as a regular thing—50 bushels of corn, 90 bushels of oats or five cuttings of alfalfa, and it only cost him a small fraction of what land costs in your state, where you are forced to be idle almost half the year.

Why don't you move to the Southwest and exchange a winter's misery on high-priced land for 12 months of comfort on rich but low-priced land? The difference between the two is a prosperous, contented life.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

**JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines**  
1415 La Salle Street Station, Chicago or 1413 Frisco Building, St. Louis.



ing full information on both these articles can be had by writing to Mr. Ditto at Joliet, directing as requested in the advertisement on page 15.

The Advance Fence Company, of Peoria, Ill., in their advertisement that appears on page 27 of this issue, ask that readers of The Homestead examine carefully any wire fencing before buying. They point out the fact that it is important to see whether the stays are made of whole wire or short pieces, that it makes a big difference in the strength of the fence, the whole wire fence being fully twice as strong and costing no more. The stay wire of the Advance Fence Company's woven wire fence is continuous, one piece running continuously up and down across the fence without an end for many rods. This fence is sold on thirty days' approval, so that it can be thoroughly tested. They have had seventeen years' experience in building this kind of a fence and have every confidence in it. Send for their free fence book which tells all about the Advance Fence.

### THE KEMPER DISK FURROW OPENER.

On page 12 of this issue will be found the advertisement of the Walker Manufacturing Company, of Council Bluffs, Iowa. This company manufacture furrow openers, disk sharpeners, windmill regulators, stock waterers, hay bunchers, hay sweeps, woven wire fence and washing machines. Their disk furrow opener when attached to a planter will easily pay for itself in one day. Circulars will be sent on application describing their full line of goods. Address Walker Manufacturing Company, Council Bluffs, Iowa, and please mention this paper when you write.

### GETTING MOST FOR YOUR MONEY.

It is in the art of getting the most for his money that the successful man outdistances his neighbor. It is not brilliancy or a sixth sense; merely the common sense which makes every dollar count for its utmost. Before you buy an incubator, write George Ertel Company, Quincy, Ill., for a copy of the Victor Book. This tells how dollars invested in the hatching machines will pay the greatest dividends. If you want most for your money you ought to get and read it before you buy an incubator or a brooder. They will tell you, too, about their 100-Egg Hatching Wonder, delivered for \$7.90. This is for the man who wants to start raising chickens in a small way, and they have many testimonials like this: "April, 1906. In October last I bought of you a 100-egg Hatching Wonder and Brooder, and now give you the results of three hatchings: No. 1—104 eggs, nine out on test, ninety-five chicks; No. 2—107 eggs, twelve out on test, ninety-five chicks; No. 3—103 eggs, seven out on test, ninety-six chicks; total, 286 chicks. I do not know what you may think of that, but I think it

can't be beat, and the chicks are as lively as little crickets. The machine is truly a wonder. Wm. Trumpp, 1553 Lincoln Ave., Alameda, Cal." If you want one machine or several, it will be to your interest to write Mr. Ertel before you buy. He can give you most for your money because he has carefully studied the science of incubation and has worked out his machines to accomplish the results. They build to last and in every way aim to give the purchaser most for his money. One cent for a postal card will bring you the Victor Book, with its eighty pages of valuable information. Just address George Ertel Company, Quincy, Ill.

### THE CHATHAM FANNING MILL.

The Chatham Fanning Mill is advertised on page 12 of this issue, and the advertisement of that famous mill is worth a careful reading. The Chatham Mill will be sent on a thirty days' free trial with freight prepaid. It is guaranteed to grade anywhere from forty to eighty bushels per hour and do the work thoroughly. If it does not come up to this record and satisfy the purchaser in every way the mill may be returned. The Chatham book which describes all about this mill and, in addition, gives a hundred suggestions that will increase the yield of crops, will be sent free upon application to the Mannaon-Campbell Company, Ltd., Topeka, Kan., or Detroit, Mich.

### A BUGGY BOOK FREE.

Those who are interested in buggies should look up the advertisement of the Ohio Carriage Mfg. Co., of Cincinnati, Ohio, on page 22 of this issue. This company offer to send a vehicle on thirty days' trial free, which of course is liberal and is, in addition, the best indication that the company make good vehicles. A booklet will be sent free, and this explains how their famous split hickory vehicles are made, starting in with the raw material and ending up with the most beautiful buggies that one can find in any market in the world. Address Ohio Carriage Manufacturing Company, Station 31, Cincinnati, Ohio, and please mention this paper when you write.

### A CORN BOOK WITHOUT COST.

Prof. A. D. Shamel, formerly of the Illinois Experiment Station, is recognized as one of the greatest corn experts in the United States. He has recently written a book on this subject covering all points that need to be emphasized in growing a good crop of corn. Although this book ordinarily sells for fifty cents, the Emerson Manufacturing Company, of Rockford, Ill., offer it, in their advertisement on page 7 of this issue, to all persons who will give on a postal card the names and addresses of three farmers who are likely to buy a riding plow this season. That is surely a simple matter, and the book, although obtained without money and with so little cost of labor, is just as valuable as if one paid the publisher's price. Do not delay sending these

names, for fear the matter slips your mind and you will therefore fail to get a book. Address your letter or card to Mr. S. H. Emerson, care Emerson Manufacturing Company, Rockford, Ill.

### SELL YOUR FARM.

Any reader of this paper who wishes to sell a farm or town property should not overlook the advertisement of the Glenn Realty Company, of Kansas City, Mo., on page 26 of this issue. This company have become known to thousands of buyers through their extensive advertising in the papers all over the country. When they list a piece of property they advertise it in papers which reach hundreds of thousands of readers, and by this means they are able to get in communication with parties who want just such properties as they have on their books. This firm would be glad to hear from anyone who wishes to buy or sell property of any kind. No matter where property is located, they are prepared to handle it if the price is right. Write them and mention this paper.

### FROM FARM TO TANNERY.

Every farmer is more or less interested in marketing hides of various kinds, and we therefore believe that all our readers will be interested in the advertisement of Messrs. J. S. Smith & Co., of Chicago. This company tans hides on a large scale, and they are in a position to pay full value for all shipments. Their motto is "No shipments too large or too small," and they guarantee fair and liberal treatment to all. The company has been doing business more than forty years, and their growth has been due to the fact that they have built up the business on an honest foundation. Their folder entitled "How to Prepare Hides and Furs for Market" will be sent free upon application. Address Messrs. J. S. Smith & Co., Dept. 16, Chicago, and please mention this paper when you write.

### A PLANTER THAT DROPS UNIFORMLY.

When a planter has made the record of checking 476 times in a corn field without missing and without breaking a kernel it would seem that it had well nigh approached perfection. This is the record made by the J. I. Case Round Hole Plate Runner Planter. The valves are so constructed in this planter that it will drop in check no matter how fast or how slow the team may walk. This is an important matter because many a man who is expert in handling his wire falls to do good checking on account of the drop being slow or fast. The offer that the Case Company are making at the present time is simply this: They will send their Farmer's Encyclopedia, a book of 146 pages bound in cloth, to all persons who will enclose ten cents for packing and postage if they will name the implements that they intend to purchase this season and in addition give the address of the local dealer. This book con-



tains many valuable suggestions on corn raising and other subjects. The advertisement will be found on page 19 of this issue. For further information address the J. I. Case Plow Works, Racine, Wis., and please mention this paper when you write.

#### PRUSSIAN STOCK TONIC.

A pair of Prussian Stock Tonic contains 1,200 doses and costs \$3.50. If sensibly fed to live stock, this may save ten times its value in feed by contributing to the better digestion of all foods consumed. Not only that, but by putting animals in good shape it may ward off disease and thereby effect a saving of hundreds of dollars. Prussian Stock Tonic has been on the market long enough to have its merits proven. A stock raiser's manual in which advice is given about the feeding of this, as well as other foods, will be sent upon application to Prussian Remedy Company, St. Paul, Minn. The advertisement will be found on page 31, and if you write for this manual please mention The Homestead.

#### GOOD BUGGIES AT LOW COST.

The Elkhart Carriage and Harness Company, of Elkhart, Ind., make the statement in their advertisement on page 6 of this issue that they have been selling vehicles and harness direct from their factory to the users for more than a third of a century. The company make 200 styles of vehicles and fifty-six styles of harness. As an example of their low price they are selling their combination top buggy and driving wagon with stanhope style buggy seat and bike gear, and also an extra seat for open wagon, for the sum of \$61.50. Ordinarily such an outfit would sell for \$100. A catalog will be sent free upon application. Address Elkhart Carriage and Harness Manufacturing Company, Elkhart, Ind., and please mention this paper when you write.

#### DR. WILLIAMS NOW LOCATED IN THE FLYNN BUILDING, DES MOINES, IOWA.

For the past two years the business of Dr. Williams has grown rapidly and it has become necessary for him to establish his offices in the Flynn building, where he will have better facilities for giving each patient prompt and efficient service. He will have three times the floor space and three times the number of rooms he has been using for the past seven years. He has new apparatus, new furnishings and no expense has been spared to make the business a continued success. Dr. Williams established his business in Des Moines twenty years ago. He has maintained the business by practical and honorable methods, and this explains why public confidence in the doctor seems permanent and unchangeable. His announcement will be found on page 30.

#### A KANSAS FARM BARGAIN.

Messrs. Olander & Rapp, of Osage City, Kan., are offering a choice bargain in an Osage county, Kansas, farm consisting of 160 acres, in their advertisement that appears on page 26 of this issue. Fifty acres of this farm are in cultivation, about forty acres in hay land, one acre in orchard, two in timber and the balance in pasture. One hundred and thirty-five acres, so they state, can be cultivated, the balance being a little broken, but of the very best pasture land. The improvements consist of a six-room house in good condition, barn for seven horses, large hay loft with good buggy shed attached. There is barn room for twelve head of cows, cattle shed, corn cribs, etc. The price, if sold before the 20th, is stated in the advertisement. Send for their list of Osage county farms which they have for sale.

#### THE HATCH-ALL INCUBATOR CATALOG.

After taking the time to carefully examine every paragraph in the seventy-two page catalog published by the Hebron Incubator Company, of Hebron, Neb., we are free to pronounce it one of the most interesting and useful booklets that one could have around where poultry is kept. This company manufactures the Hatch-All incubators. The merits of their incubators need no argument in their behalf, as each machine speaks for itself. Another word, however, about the catalog. Every page is illustrated, and these are not pen drawings or brush daubs—they are taken from actual photographs. Scores of testimonials are given, from those who have used the Hatch-All incubator and in most cases the photograph of the party giving the testimonial is published, and in some in-

## You Can Buy—And Lay Gordon, Van Tine FLINTCOATED ROOFING Rubber Fire-Proof

### 50% BELOW DEALERS' PRICES!

If you've got a house, or a barn, or a shed, or any building that ought to be roofed, or sided, or kept it from leaking—going to pieces—worm-fire-proof—weather-proof—acid-proof and dust-proof for a lifetime, don't think of buying shingles or any other roofing until you write us a postal card for our roofing catalog. We will save you half what local dealers will charge you for roofing or shingles.

**All You Need Is a Hammer**  
to put on our Flintcoated Rubber Roofing. It comes in rolls, carefully wrapped to prevent damage. We send FREE with every order, directions for laying—cement, special nails and metal caps for holding it firm, and extra measure for laps. Our Flintcoated Rubber Rust-Proof and practically Fire-Proof Roofing is the best roofing made in the world today. Won't rust out like Steel Roofing. Saves 25% on insurance.

**A FREE SAMPLE.** Write a postal and we'll send you a sample so you can test it—try to tear it—pound it—smell it to see that there's a note in it to burn or melt—try it with hot coals—try it with acid—try it any way to satisfy yourself. Then if you want some more we'll **SHIP IT ANYWHERE**, absolutely guaranteed, just the condition it left our mill. This is perfect.

Write to you from Kansas City, Minneapolis, Chicago, New York or Davenport, thus saving on freight. Write only to Davenport for catalog, etc. We save you 50 per cent in cost, because it is sold only direct to you. You save your local dealer's profit, the jobber's profit and the wholesaler's profit. **Gordon, Van Tine & Co., Station C 61, Davenport, Iowa.** It will save you Dollars today or later if you write us for our **FREE** Roof Book and Mail Work Catalog.

**Less Than Half What Shingles Cost You**

**PRICE** Per Square 100 sq. feet  
1-Ply ..... \$1.41 per Roll  
2-Ply ..... 1.95 per Roll  
3-Ply ..... 2.20 per Roll

# STOP THAT SEED ORDER!

offer and see what we can save you. Limited space necessitates brief mention only.

Don't Pay \$2.00 or \$3.00 when we will give you 37 packages BEST varieties Fresh Garden SEEDS for 37 cents. Please read our special offer and see what we can save you. Limited space necessitates brief mention only.

All For 37 Cents

37 Packages Best Vegetable Seeds for 37c

All For 37 Cents



**\$2.00** Worth of Seeds to our **37 Cents**  
Customers for .....

The seeds we offer are as follows: 37 packages Best Vegetable Seeds for 37 Cents. Consists of 100 Package of each shown in illustration, and all are Northern Grown new seeds, direct from the growers and are adapted to your locality. If wanted by mail add 7 cents extra for postage. Order as (9201). One Full-sized Packet of each of the 37 Choice and Leading Vegetables above illustrated makes complete Kitchen Garden for a Small Family.

THESE COLLECTIONS CANNOT BE BROKEN OR ANY VARIATIONS MADE.



**CATALOG FREE**

## REFERENCE.

You can ascertain our responsibility from any of the Commercial Agencies such as Dunn's or Bradstreet's. We also refer you, by permission, to the Security Bank of Minneapolis and the First National Bank of Minneapolis. In making inquiries about us always enclose 2c stamp for reply.

#### Have you received one of our large catalogs?

This book contains 920 pages and each page is 9 1/2 by 12 inches. If one of these immense books has not been received by you, simply with your first order for goods to go by freight ask for this immense book, and same will be sent to you free of charge with your goods, together with our compliments. It will pay you to have one, especially when it is free. *We sell everything.*

**The T. M. Roberts Co-Operative Supply Co., Dept. Minneapolis, Minnesota**



stances an illustration of his poultry plant. We urge our readers to send at once for this catalog to the Hebron Manufacturing Company, Box 8, Hebron, Neb., and please mention this paper when you write. See advertisement on page 16.

#### FOR BEGINNERS IN FRUIT GROWING.

The A B C of fruit growing, that is, instructions for beginners, written by Mr. Charles A. Green, will be mailed free to all who request it when sending for free catalog of Green's Nursery Company, of Rochester, N. Y. Here you will find instructions for planting and growing apples, peaches, pears, plums, strawberries, raspberries, blackberries, grapes and all kinds of hardy fruits. Mr. Charles A. Green has a new book, giving his personal experience of thirty years as a fruit grower, which will be mailed to you free if you will send him the names and addresses of three fruit growers in your locality. See advertisement on page 29.

#### TO PREVENT SCOURS IN PIGS.

As spring approaches it is a highly important matter that men should be ready to handle their young pigs so as to prevent loss. Last spring possibly 25 per cent of the pigs farrowed in the corn belt early in the season were lost by that much-dreaded disease, scours. This is altogether unnecessary, because the problem has been solved by the Agricultural Remedy Company, of Topeka, Kan. This company manufacture Anti-Scour. Four hundred doses in a box only cost \$1. Every swine breeder should

have a box on hand and should send for it without delay. The advertisement will be found on page 31. When you write address Agricultural Remedy Company, Topeka, Kan., and mention The Homestead.

#### A FLEXIBLE DOOR HANGER.

The Loudon Machinery Co., of Fairfield, Iowa, have for sometime been putting on the market a double-tread barn door hanger. This door is hung on two sets of hinges and straddles the track like a hay carrier. It has absolute center draft and no side hitch. It is not merely the old-fashioned slide door, but involves a new idea, one that was patented in 1897. It can be no manner of means be removed from the track by any kind of live stock. It is close fitting and the best of it is that it can be purchased for practically the same price as a common door. It is fully described in a catalog and a copy of this will be sent free upon application. The advertisement of this door is found on page 11. When you write address Loudon Machinery Company, 49 Broadway, Fairfield, Iowa, and please mention The Homestead.

#### SAVE THE PAINTING.

By buying a ready roofing that never needs coating or painting, you can save a big load of work every year. Amateite Ready Roofing has a mineral surface that is self-protecting without paint. By using Amateite you can save all the cost of paint, and, what is still more important, the trouble and responsibility of doing the work. If you

neglect the painting of other kinds of roofing, you soon need a new roof, so there is trouble and expense either way. Remember that Amateite needs no coating. Send for a free sample and examine the firm, strong mineral surface. Address the nearest office of the Barrett Manufacturing Company, New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans, Boston and Cincinnati. See advertisement on page 9.

#### SAMPLE CREAM EXTRACTOR FREE.

To introduce their Peoples Automatic Cream Extractor in each locality where they have no agent, the Peoples Supply Company, Dept. K., Kansas City, Mo., are offering to give away absolutely free, without price, note or deposit, one complete machine, including an imported dairy thermometer. The Peoples Cream Extractor is meeting with great success wherever introduced. Over 100,000 are in use. It is operated by an automatic process that requires no ice, chemicals or extra labor and machinery.

The manufacturers are unusually liberal in their offer, and are willing to send one extractor in each community to the first person who writes for their generous advertising offer. They have adopted this method of quickly introducing their cream extractors in every home where cows are kept. See advertisement on page 9.

#### INTERESTING VETERINARY BOOK FREE.

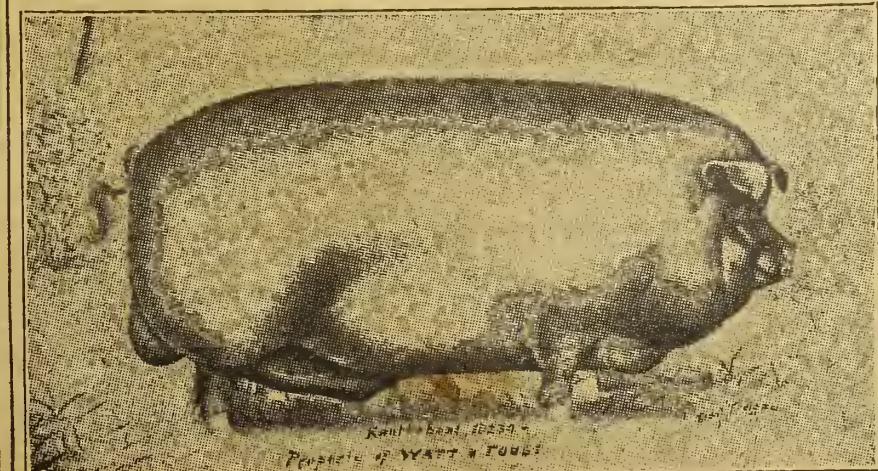
Our editorial department has just received a sixty-four-page booklet which is by long odds one of the most complete treatises on animal diseases that has come to our desk. The symptoms, cause and practical remedy are given in plain readable English, covering practically every disease to which the horse, cow, hog, sheep and poultry are heir. The various subjects have been treated exhaustively by authorities at forty different American agricultural colleges. The booklet has been compiled and printed by the Zenner Disinfectant Company, 131 Lafayette Ave., Detroit, Mich., and we have arranged with them to furnish a copy free to each and every reader of this publication. You only need to send a postal card giving your detailed address, and the book will be gladly sent to you free of all charge and without obligation. Better write immediately, for there is bound to be a tremendous demand for this little booklet of sixty-four pages.

#### ONE WAY SETTLERS' RATES

To points in Nebraska, Eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas, Louisiana, Alabama and Mississippi, etc.

The Iowa Central Railway will place on sale on the first and third Tuesdays of each month, January to March, inclusive, one-way tickets at the extremely low rate of only one fare plus \$2 for the benefit of homeseekers and settlers.

Don't fail to call on Iowa Central agents for full particulars, rates, etc., or address A. B. Cutts, G. F. T. A., Minneapolis, Minn.



KANT-BE-BEAT 10239 A.

Forty-one sows in the John M. Morrison & Son's Duroc Jersey sale, at College View, Neb., on February 12th, are bred to the above boar. See advertisement on page 48.



# LANDS AND HOMES FOR SALE

## 3 REASONS

Why you should buy So. Dak. Lands  
1st. The south-eastern part of the state is in the great fertile Mississippi Valley. Soil is the same as that of Iowa and Illinois. We sell land in this section from \$25 to \$50 per acre, according to location and improvements. This land equals in every respect land which is selling for \$75. to \$125. in Iowa and Illinois.  
2d. We have the same climatic conditions and rain fall as in Northern Iowa and Illinois. Our average production of Corn equals the average in the above named states. Compare the difference in price of land.  
3d. Our Agency covers the 16 S. E. counties of the State; they produced 80 per cent. of the State's corn crop. We can show you actual production values; our lands are time-tried and crop-tested, proving its ability to produce abundantly: **Corn, Oats, Red Clover, Alfalfa, Blue Grass and Timothy.** All essential to mature the great American Steer.  
Write to-day for list and literature  
**BIG SIOUX VALLEY LAND CO. (Ltd.)**  
Ramsey Bldg., Sioux Falls, So. Dak

## Free Homesteads

160 ACRE  
**FARMS IN  
WESTERN  
CANADA  
FREE**

IN  
**WESTERN  
CANADA**

## SPECIAL TRAINS

Leave Omaha, Neb., Des Moines, Ia.  
and St. Paul, Minn.,

**MARCH 19th**

For **MANITOBA, SASKATCHEWAN and  
ALBERTA HOMESTEADS**

A Canadian Government Representative will  
accompany this train through to destination

For Certificates entitling to Cheap Rates, Literature and all  
particulars, apply to Supt. of Immigration, Ottawa, Can., or

**W. V. BENNETT, 801 New York Life Bldg., Omaha, Neb.**  
**E. T. HOLMES, 315 Jackson Street, St. Paul, Minn.**

## 5 FREE BOOKLETS, FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

**California Farmland Company,**  
58 GROESSE BLDG., LOS ANGELES, CAL.

## 8,500 ACRES

FINEST open black land in Texas to be cut up in tracts to suit purchasers. Ideal location, productiveness unequalled, good water, fine drainage. For particulars address,

**JOHN W. McKAMEY,**  
PORT LAVACA, TEXAS.

## GREAT LAND OPENING IN SACRAMENTO VALLEY, CALIFORNIA.

RICH black sediment soil, water enough to irrigate 200,000 acres, free water right. Every commercial fruit and vegetable yields enormous returns. California climate. Perfect title. Rail and steamboat transportation, ready markets. 10, 20 and 40 acre tracts from \$30 to \$100 per acre on buyer's own terms. Excursion rates from all points east after March 1st. Write for information and illustrated booklet. **F. E. Robinson & Co., 216 Pacific Electric Bldg., Los Angeles, Cal.**

## 320-Acre Farm Near Des Moines

I HAVE a fine level 320-acre farm, 75 miles north of Des Moines, which is a sure winner if you see it. Eight-room house, nicely finished; \$2,000 barn, 3,000 rods tile put in recently; splendid 16-acre grove; 5 miles from town of 4,000 population and 4 railroads. \$75.00 per acre will buy this farm, one-fifth down and balance on long time, easy payments. Write me at once.

**S. K. NOLAND,**  
Watrous Block, Des Moines, Iowa

## 480-Acre Nebraska Farm.

IF you are looking for a bargain that is a Real One, let me show you this 480 acre level farm in the south central part of Nebraska, near Kansas state line. It is within 1/2 mile of schoolhouse and college. Good seven-room house in fine condition, stables, corn crib, granaries, wind-mills and a well of water that cannot be pumped dry. This bargain will not last long, as the farm will sell soon at \$12,000, of which the owner will carry \$8,000 at 6%. Possession given March 1, 1907.

**S. K. NOLAND, Watrous Bldg., Des Moines, Ia.**

## WANT A FARM HOME?

NOW is the time to get it. Investigate New-dowlands Settlement, 45 miles from Duluth, in Saint Louis Co., Minn. Prices right. Terms. \$1 per acre down and balance in fifteen years' time. Good soil, water, etc., railroad. For full information write

**LAND COMMISSIONER D. & L. R. CO.**  
525 Wolvin Bldg., Duluth, Minn.

## WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Carter, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

**W. F. Smith Realty Co., Kearney, Neb.**

## IOWA FARMS

WE have seven farms of all sizes to rent for share rent or right parties. Over 100 farms for sale. Two or three bargains always on hand. We can sell on payments of \$2,000 per quarter cash; terms to suit on balance. Write for catalog and map. It is free.

**THE ALLEN LAND & LOAN COMPANY,**  
Laurens, Iowa

**BARGAIN:** 400 ACRES of the land, 40 miles from Minneapolis, only one-half mile from railroad, good soil, well fenced 200 acres under cultivation. In order to close up an estate, this valuable piece of land must be sold. The first offer of \$20.00 an acre takes it. Part time given if desired. Address,  
**Mose Zimmerman, Midway Horse Market, St. Paul, Minn.**

**FOR SALE OR EXCHANGE:** 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

**OLD VIRGINIA FARMS** Good Lands Low Prices, Mild Climate. Free Illustrated Catalog. Largest List Farms in State. This is the country for the Northern Farmer. We want to hear from every man who desires to better his condition. **Casselman & Co., Richmond, Va.**  
**Lawrence Casselman, Former Auditor McLean County, N.D.**

**FOR SALE OR EXCHANGE:** 300 acres Mer-cer county, Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

## BUY A FARM

NEAR DENVER and pay for it with a share of the crops. You furnish only equipment for working it. We furnish an expert on the Campbell System free of charge to instruct you, plow your land by steam and extend your credit on machinery and building material, if necessary. Lands produce record crops of all kinds. Write for full particulars at once.

**THE COLONIAL SECURITIES & TRUST CO.,**  
1716 California St., Denver, Colo.

## LET ME SELL YOUR FARM, HOME OR BUSINESS

for cash in the shortest possible time. We absolutely guarantee to place the description of your property in the hands of 5,000 reliable hustling real estate men and bankers throughout the United States. Write us today.

**THE REAL ESTATE SALESMAN**  
412 Brace Block, LINCOLN, NEB.

## LAND BARGAINS

Next excursion Feb. 5. You can buy land in our Locksburg colony, near Locksburg, Sevier county, Arkansas, at \$4 to \$6 per acre that will rent for one-fourth to one-half the cost each year; write us for free pamphlet and map. E. N. Brown, president Kansas City Southern Land and Immigration Co., Room 708, Beals bldg., Kansas City, Mo.

**HERE IS A SNAP:** 360 ACRES of fine meadow land, 40 miles from Minneapolis, 2 miles from railroad, all fenced; 500 tons of hay can be cut on it. This land must be sold at once to close up an estate. \$20.00 an acre buys it. If you want this act at once. Part time given, if desired. Address,  
**Mose Zimmerman, Midway Horse Market, St. Paul, Minn.**

## LAND ADVERTISING.

For additional advertisements of farms, lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## Bargains in Nodaway County Farms

\$50 TO \$100 PER ACRE.  
BEST of coal and mineral lands in other sections of Missouri for sale. Write for list and prices.  
**BINGAMAN, BOLIN & JOHNSTON,**  
Rooms 5 and 6 Roseberry Bldg., Maryville, Mo.

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

**IF YOU WANT TO SELL,** trade or buy a farm, of what you have or want with 25 cts. to the Farmers Want Journal, Dept. 51, Kansas City, Mo., and we will advertise it before 30,000 buyers and sellers and send you copy of paper. Deal direct and save commissions

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**TO EXCHANGE:** Good 640 acre farm in Wilkin county, Minn.; 463 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

**GOOD** farming and grazing land in Lincoln county, Nebraska, \$3.00 to \$25.00 per acre. For land lists and full particulars, address Buchanan & Patterson, Land and Immigration Agents, U. P. R. B., North Platte, Neb.

**WRITE J. H. McOWEN,** Emporia, Kan., for special Bargain List, farms and ranches.

## LET ME SELL YOUR FARM, HOME or BUSINESS

No Matter What it is Worth or  
Where Located.

If it is a desirable property and the price is right I can sell it. I am in touch with more buyers than any real estate firm in the country. I advertise your property in papers that reach hundreds of thousands of buyers. Can send buyers to look at property anywhere and owner can make deal direct. It does not cost anything to learn my new plan of selling. Send description and state cash price.

If You Want to Buy Write Me Your Wants.

**GLENN REALTY COMPANY,**

16 CUMBEL BLDG., KANSAS CITY, MO.



## THIS IS A BARGAIN IN OSAGE COUNTY, KAN.

160 ACRES 4 1/2 miles from Osage City, Kan. 50 acres in cultivation, about 40 acres hay land, 1 acre orchard, 2 acres timber, balance in pasture; 135 acres of this farm can be cultivated, balance is a little broken, but is the very best of pasture. Soil is a black sandy loam of the very best quality, no bad ground on place. 6 room house in good condition, barn for 7 horses, large hay-loft, good buggy shed attached. Cow barn for about 12 head of cows, cattle shed, corn-crib, hen-houses, good location, R. F. D. and phone. Price if sold before Feb. 20th, \$8,000.00. Send for our list of Osage county, Kansas, farms for sale.

**OLANDER & RAPP, Osage City, Kan.**

## I WILL MAKE YOU PROSPEROUS.

If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail, appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once. Unusual opportunity for men without capital to become independent for life. Valuable book and full particulars free. Write today. Address nearest office,  
**EDWIN R. MARDEN, Pres't,  
Nat'l Co-operative Realty Co.,**  
639 Atheneum Building, CHICAGO.  
639 Maryland Building, Washington, D. C.

## "VIRGINIA COUNTRY HOMES"

Is a Handsomely Illustrated Periodical

PUBLISHED every two months in the interest of our business. The most noted places in the State are shown in its columns. Price for six numbers, \$1.00. Free. REAL ESTATE REGISTER, describes 150 farms.

**H. W. HILLEARY & CO.,**  
Charlottesville, Virginia

## Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free.  
**HAZEL J. MEEK,**  
Chillicothe, Missouri.



## Manlove Bros. &amp; Norris Duroc Sale.

The first annual brood sow sale of Messrs. Manlove Bros. & Norris, of Bowen, Ill., was a success. These gentlemen have been liberal purchasers of the best herds and have given their support to the breeders throughout the entire country. That the stock offered was appreciated by those present may be seen from the average secured. Mr. Chas. Cooper, of Ferris, Ill., topped the offering, securing a daughter of Tip Top Notcher and out of Fairview Maid, at \$305. Mr. Arthur Vail, of Hume, Mo., and Mr. Ernest Pancake, of Ransom, Ill., were the competing bidders. Messrs. Thomas & Hogsett, of Golden, Ill., secured the show sow, Remington Queen, at the bargain price of \$150. Colonel Igo opened the sale and was assisted in the selling by Colonels Keil, McGowan and Reppert. The stock was offered in fine breeding condition and will do well if properly cared for by the new owners. List of sales follows:

Lot.	Price.
1. Thomas & Hogsett, Golden, Ill.	\$150.00
2. T. E. Laurie, Jacksonville, Ill.	52.50
3. Ed Walton, Denver, Ill.	47.50
4. Wm. Shouf, Augusta, Ill.	37.50
5. Wm. Deckhut, Bowen, Ill.	45.00
6. Thomas & Hogsett, Golden, Ill.	37.50
7. Hastings Bros., Hamilton, Ill.	55.00
8. C. T. Rogers, Petersburg, Ill.	42.50
9. M. W. Greer & Son, Rushville, Ill.	55.00
10. T. E. Laurie, Jacksonville, Ill.	105.00
11. Ira Jackson, Tippecanoe City, O.	95.00
13. J. G. Brenneman, Stillwell, Ill.	47.50
14. Turner Able & Son, Rochester, Ill.	55.00
15. J. G. Brenneman, Hamilton, Ill.	47.50
16. John Daw, Hamilton, Ill.	40.00
19. Chas. Cooper, Ferris, Ill.	45.00
20. G. L. Martin, Bowen, Ill.	32.50
21. Chas. Cooper, Shannon City, Ia.	147.50
22. Hastings Bros., Hamilton, Ill.	45.00
24. W. M. Willard, Bowen, Ill.	37.50
25. Sheldon Bros., Olathe, Okla.	52.50
26. H. J. Hooker, Olathe, Okla.	45.00
27. F. K. Eells, Bowen, Ill.	35.00
30. McNeil Bros., Hamilton, Ill.	50.00
31. W. O. Gorby, Bowen, Ill.	37.50
32. J. A. Teter, Remington, Ind.	50.00
33. John Daw, Hamilton, Ill.	35.00
34. Thomas & Hogsett, Golden, Ill.	35.00
35. J. A. Shiver, Loraine, Ill.	35.00
36. E. H. Deal & Son, Elwood, Ill.	45.00
37. C. T. Rogers, Petersburg, Ill.	50.00
38. McNeil Bros., Hamilton, Ill.	50.00
39. G. W. Baker & Sons, Pawnee, Ill.	50.00
40. Fred Kraschel & Son, Macon, Ill.	110.00
43. Harriet M. Chandler, Hillsdale, Mich.	85.00
44. Wm. Shouf, Augusta, Ill.	32.50
46. J. G. Brenneman, Hamilton, Ill.	42.50
47. L. M. Prather, Stillwell, Ill.	27.50
48. F. K. Eells, Bowen, Ill.	27.50
49. J. G. Brenneman, Hamilton, Ill.	45.00
51. Carey Stephens, Carlock, Ill.	42.50
53. C. M. Myers, Eldora, Ill.	57.50
AVERAGE.	
43 head	\$2,565; average...\$59.65

## Thomas &amp; Hogsett Sale.

The first annual brood sow sale of Messrs. Thomas & Hogsett, at Golden, Ill., was a pronounced success. The bidding was snappy from start to finish, and the large gathering of farmers, together with a representative crowd of breeders, realized that the stock offered for sale was of high quality, as well as breeding of the best kind. This firm held one of the most successful sales of the year in October, 1906, and the same holds true with the sale on Saturday, February 2d. The females bred to Tip Top Notcher were in good demand and found ready sale at remunerative prices. Mr. Thos. Johnson, of Columbus, Ohio, topped the offering, paying \$340 for the first-prize gilt at the Illinois State Fair, U Kan't Beat Her 128026. This gilt was sired by Ambition and was bred to Tip Top Notcher for March farrow. Mr. Johnson is to be congratulated upon securing this gilt at such a bargain price, as she is one of the best gilts that has gone through the sale ring for many months in Illinois. Messrs. Fred Kraschel & Son, of Macon, Ill., and McNeil Bros., of Bowen, Ill., were the competing bidders. Mr. H. E. Browning, of the well-known firm of

Messrs. Fagan, Browning & McCabe, of Hersman, Ill., secured a daughter of C. E.'s Col., and out of Dew Drop Girl by Model Chief, bred to Tip Top Notcher, for \$210. Messrs. E. M. Castle & Son, of Joy, Ill., secured the litter sister to Helen Blazes III., Helen Blazes I., bred to Ambition, at \$195. Messrs. E. H. Deal & Son, of Elwood, Ill., paid \$195 for a daughter of Ambition bred to Tip Top Notcher. Col. Judd McGowan opened the sale with a strong plea to the farmers of the vicinity to take hold of the Duroc, and cited numerous instances where those who bought thoroughbred hogs in former sales had made considerable money. He was assisted in the selling by Colonels Reppert and Keil. A list of sales follows:

Lot.	Price.
1. Thos. Johnson, Columbus, Ohio.	\$340.00
2. R. J. McCray, Golden, Ill.	72.50
3. T. E. Laurie, Jacksonville, Ill.	77.50
4. E. M. Castle & Son, Joy, Ill.	85.00
5. Chadwick Home for Boys, Quincy, Ill.	50.00
6. E. M. Castle & Son, Joy, Ill.	195.00
7. Allie Knudson, Brodhead, Wis.	40.00
8. Greer & Baker, Plymouth, Ind.	75.00
9. J. W. Greenfield & Son, New London, Iowa	92.50
10. S. R. McAnulty, Golden, Ill.	125.00
11. Stansell & Matern, McNabb, Ill.	60.00
12. E. H. Deal & Son, Elwood, Ill.	195.00
13. J. B. Thomas, Monroe City, Mo.	95.00
14. T. E. Laurie, Jacksonville, Ill.	117.50
15. Seckman & Allen, Ripley, Ill.	65.00
17. S. R. McAnulty, Golden, Ill.	100.00
18. E. M. Castle & Son, Joy, Ill.	72.50
19. J. A. Teter, Remington, Ind.	75.00
20. C. E. Bagley, La Prairie, Ill.	32.50
21. Hastings Bros., Hamilton, Ill.	42.50
23. J. W. Greenfield & Son, New London, Iowa	55.00
24. Hastings Bros., Hamilton, Ill.	52.50
25. J. B. Coe, Clayton, Ill.	42.50
26. Greer & Baker, Plymouth, Ind.	85.00
27. A. M. Worman, Bowen, Ill.	60.00
28. H. E. Browning, Hersman, Ill.	210.00
29. S. R. McAnulty, Golden, Ill.	75.00
30. J. B. Thomas, Monroe City, Mo.	147.50
31. Ed A. Baxter, Pawnee, Ill.	150.00
32. John Hess, Ripley, Ill.	50.00
33. Riffin & Rodgers, Petersburg, Ill.	60.00
34. J. B. Thomas, Macon, Ill.	95.00
36. Fred Kraschel & Son, Macon, Ill.	60.00
38. Chas. Cooper, Ferris, Ill.	80.00
39. Fagan, Browning & McCabe, Hersman, Ill.	115.00
41. J. B. Thomas, Macon, Ill.	50.00
42. Ed A. Baxter, Pawnee, Ill.	57.50
44. E. M. Kuhns, Des Moines, Iowa.	125.00
45. F. M. Noele, Augusta, Ill.	50.00
47. E. M. Castle & Son, Joy, Ill.	72.50
48. F. J. Svoboda, Snyder, Neb.	95.00
49. J. B. Thomas, Macon, Ill.	97.50
Extra, A. M. Worman, Bowen, Ill.	52.50
Extra, same	50.00
SUMMARY.	
42 head sold for	\$3,892.50
Average	92.67
14 sows bred to Tip Top Notcher.	1,902.50
Average	135.89

## Hudson's Brood Sow Sale.

The first annual Duroc Jersey sale of Mr. W. H. Hudson, of Lohrville, Iowa, was a success, and an average of over \$40 was made on the entire offering. Col. F. F. Luther cried the sale, and Mr. Hudson was considerably elated over the success of his first sale. Below is a report of the same:

Gilt, John Albin, Rockwell City, Ia. \$26.00  
Gilt, John Taylor, Rockwell City, Ia. 28.00  
Gilt, Ed Hildreth, Rockwell City, Ia. 26.00  
Gilt, J. Redivis, Rockwell City, Ia. 27.00  
Gilt, Patrick Welch, Rockwell City, Ia. 27.00  
Gilt, Chas. Johns, Rockwell City, Ia. 29.00  
Gilt, O. Sanberg, Lake City, Iowa. 25.00  
Gilt, M. Sommers, Farnhamville, Ia. 26.00  
Gilt, Patrick Welch, Rockwell City, Ia. 26.00  
Gilt, Same, Rockwell City, Ia. 26.00  
Gilt, F. E. Garrett, Rockwell City, Ia. 50.00  
Gilt, Chas. Johns, Rockwell City, Ia. 46.00  
Gilt, Patrick Welch, Rockwell City, Ia. 25.00  
Gilt, Patrick Welch, Rockwell City, Ia. 40.00  
Gilt, Chas. Redivis, Rockwell City, Ia. 35.00  
Gilt, J. C. Danner, Rockwell City, Ia. 31.00  
Gilt, Oscar Sanburg, Rockwell City, Ia. 60.00  
My Choice, F. E. Garrett, Rockwell City, Ia. 64.00  
Lady Belle, J. Holton, Panora, Iowa. 73.00  
Mable H. J. B. Long, Lake City, Ia. 42.00  
Eloice, J. B. Clark, Lake City, Ia. 42.00  
Arretta, A. L. Mossman, Radcliffe, Iowa. 45.00  
Susie, A. C. Conklin, Radcliffe, Ia. 41.00

## Examine Fence Carefully

before you buy it and see whether the stays are made of whole wire or short pieces. It makes a big difference in the strength of the fence and as the whole wire fence costs you no more, and is fully twice as strong, why buy the other? Our stay wire is continuous—one piece running continuously up and down across the fence without an end for many rods. Thus we preserve and utilize all the strength and service there is in the wire, fully half of which is wasted in cut stay fences—sacrificed to convenience and speed in manufacture. Our method of weaving is a little slower and costs us a trifle more, but it's worth while—it's the only correct way of weaving a fence.

**30 days approval.** But why argue and hesitate? Let us ship you what fence, etc. you need on 30 days approval. We want you to examine and test it. We want to show you the difference between ours—the best made fence on earth—and the other fences that are being offered to you. During the 30 days you can test it thoroughly. You can put up a part of it or all of it and turn your stock against it. Give it any kind of a test you wish. After examining it and comparing its construction with others we will gladly let you be the judge. If you don't like it, send the whole business back and it won't cost you a cent as we will pay freight both ways and refund every cent you paid. 17 years experience with this kind of fence gives us the confidence to make this offer.

We prepay freight to any steam railroad station in the United States on 40 rods or more and guarantee the safe delivery of your shipment. Our free Fence Book tells all about Advance Fence. Let us send it to you with freight paid prices on our line.

**Advance Fence Co.,**  
34 Old St., Peoria, Ill.

**ADVANCE**

## LANDS AND HOMES FOR SALE



**FALFURRIAS, Texas**

Shipped the earliest Vegetables: Bermuda Onions, Watermelons and Cotton in the United States. It is 1,000 miles nearer the consuming markets than California. The Soils are a rich, sandy loam, alluvial deposits of some pre-historic water course, underlain by red, sandy clay, with unusual capacity for holding moisture, and in itself, rich in plant food.

**Colonizers of the FAMOUS FALFURRIAS Artesian District in the Gulf Coast Country of Texas**

**117,000 ACRES**  
of the Richest Sandy Loam Farm, Fruit, and Garden Land as Rich as the Missouri Valley in the Healthiest Climate in the U. S.

Selling NOW at **\$15.00** per Acre on Easy Terms

Sufficient Rainfall for all Crops. Artesian Wells for Irrigation, New Railroads are building, New Towns are located, Great opportunity for early purchasers.

Investments in Falfurrias Country have doubled in value in the last twelve months and are constantly increasing. The same quality of land in California is selling today for \$300 to \$500 per acre.

Buy near these New Towns—Get the choice—1904 Falfurrias had 28 people, 1907 nearly 2,000.

Hundreds of Northern Farmers have already bought and are building Modern and Prosperous Towns and Communities. Everybody is happy. Everybody is making money. \$50.00 to \$300.00 crops per acre, and two to three crops a year.

**ONE PRICE TO ALL.**

**GREAT CHEAP EXCURSION, FEBRUARY 19th**

**WRITE TODAY** FREE LITERATURE AND INFORMATION  
Let Us Show You **Falfurrias Immigration Co.,**  
3 West Tenth Street, KANSAS CITY, MO.

TEXAS LANDS!  
Buy a Home in the Great  
PAN HANDLE  
OF TEXAS

AND get a slice of the rich, fertile soil while the prices are within the reach of all. We have for sale 15,000 acres of the finest agricultural land in Swisher Co., Texas, that we are selling at a very low price, in tracts to suit from 1/4 section to 1 or 2 sections, on terms to suit. For further information send for booklet.

**BOYER, PETERSON & CO.,**  
408-10 Gumbel Bldg., Kansas City, Mo.

Elsie, J. C. Danner	39.00
Mary, W. D. Pittman, Lake City, Ia.	44.00
Nancy, S. A. Jones	78.00
Gilt, G. C. Everts & Son, Audubon, Iowa	34.00
Gilt, A. L. Mossman	41.00
Gilt, Lee Hopper, Neola, Iowa	70.00
Gilt, Howard John	50.00
Gilt, John Weighton, Audubon, Ia.	55.00
Gilt, W. A. Staples, Glidden, Ia.	46.00
Gilt, A. P. Alsin, Boone, Iowa	37.00
Gilt, Oscar Sanburg	25.00
Gilt, J. Holton	35.00
Gilt, Lee Hopper	32.50

## Osborn's Brood Sow Sale.

A representative crowd of Duroc Jersey breeders from Iowa, Nebraska, Illinois and Missouri were in attendance at the O. E. Osborn sale at Weston, Iowa, on January 30th, and an average of \$70 was made. The local attendance was not the best, and the less desirable things were not eagerly picked up. The breeders were ready to buy the good ones at good prices. Below is a report of the sale:

Allen's Maid, A. E. Pausch, Chariton, Iowa	\$230.00
Proud Girl, Fred Kraschel & Son, Macon, Ill.	150.00
Jessie F. H., McNeil Bros., Bowen, Ill.	115.00
Nancy's Lady, Wellman Bros., Neola, Iowa	56.00
Sow, Smith Brown, Waterloo, Neb.	82.50
Sow, J. Benton, Weston, Iowa	33.00
Sow, O. E. Gilbert, Conrad, Iowa	57.50
Sow, Same	46.00
Sow, J. E. Auhar, Portsmouth, Ia.	55.00
Sow, H. C. Hall, Brunswick, Neb.	102.50
Sow, Wm. Lehr, Elgin, Neb.	40.00
Sow, Fred Kraschel & Son	145.00
Sow, W. A. Staples & Son	82.50
Sow, E. Z. Russell, Blair, Neb.	50.00
Sow, Johnston Bros. & Newkirk, Brooklyn, Iowa	50.00
Sow, H. S. Allen, Russell, Iowa	150.00
Sow, H. C. Hall	30.00
Gilt, E. Goodrich, Glenwood, Iowa	34.00
Gilt, H. C. Hall	41.00
Gilt, E. Goodrich	30.00
Gilt, Wm. Miller, Malvern, Iowa	55.00
Gilt, Sexsmith & Strong, Greenfield, Iowa	60.00
Gilt, J. T. Triplett, McClelland, Ia.	52.50
Gilt, W. A. Staples & Son, Glidden, Iowa	50.00

Canadian Government  
FREE FARMS

OVER 200,000 American farmers who have settled in Canada during the past few years, testify to the fact that Canada is beyond question the greatest farming land in the world.

## Over Ninety Million Bushels of Wheat

from the harvest of 1906 means good money to the farmers of Western Canada, when the world has to be fed. Cattle Raising, Dairying and Mixed Farming are also profitable callings. Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low. For literature and information address the Superintendent of Immigration, Ottawa, Canada.

or the authorized Canadian Government Agent  
W. F. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 215 Jackson St., St. Paul, Minn.

## FARMS! FARMS! FARMS!

WE can show you farms to suit the most particular and any sized pocket-book. Note the location and prices of some of them. The farms in the following states range in prices as follows: Iowa, \$20 to \$150; Kansas, \$8 to \$40; Texas, \$3 to \$40; Mexico, \$1 to \$12.50; Minnesota, \$6 to \$30; Canada, \$4 to \$10, and N. and S. Dak. \$8 to \$25 per acre. Some of the above we can exchange for city property or merchandise.

**The McClure Co.**  
310 5th St.

DES MOINES, IOWA

WANTED to sell or exchange, well improved, splendid 236 acre eastern Kansas farm that adjoins town with graded school, for a smaller farm in Iowa. Address, James E. Seaton, Vernon, Kan.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**FOR Sale:** two well improved farms near town, church and school. Bargains for homes or investment. E. Jay Roberts, Chester, Iowa.

Gilt, Geo. Kerr, Sabetha, Kan. 66.00  
Gilt, G. Van Patton, Sutton, Neb. 130.00

Someone has said that this is prosperous gone mad. It is claimed that all nine-tenths of the people live for now is to make money. How about it?



# FOUR FREE

## 4 HARDY BLIZZARD BELT EVERGREENS

### FREE

If you are not already acquainted with us we want to grasp your hand across the miles and introduce you to the The Gardner Nursery Company, Osage, Iowa. We are growers of Hardy "Blizzard Belt" nursery stock. We are Gardeners by name and "Gardeners" by occupation. We grow Hardy Trees. We have been at it for nearly 40 years and are proud of our record. We expect to continue growing Hardy nursery stock for another 40 years and maybe longer. We grow our "Blizzard Belt" Evergreens in ten million lots. To advertise them and prove that they are healthy, well rooted and vigorous, we offer to send four fine sample trees 3 years old, free to a limited number of property owners. Mailing expense 5 cents, which send or not as you wish. A postal will bring them. Last year we distributed 500,000 of these sample evergreens and gained thousands of new friends. This year we have

## RESERVED 600,000 TREES

for this free advertising distribution and if you want your share of them write at once for they will go fast. W. H. Gibboney, Mandan, North Dakota, writes: "Please accept thanks for the sample evergreens. They are doing fine." This is but a sample of thousands of letters. Our catalog containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Ornamentals, Evergreens, etc., with a mine of valuable information for fruit growers, is free for the asking. Write today.

The Gardner Nursery Company, 21 Nursery Ave., Osage, Iowa.

## SELECT GARDEN SEEDS

Send us 5 two-cent stamps and we will send you 5 full sized packets of Garden Seeds that have been tested—any varieties you may select. We will also send our large new Catalog for 1907 telling you how you can get one acre of pure bred seed corn free, or how you can get 5 packets of garden seeds free.

Write today. We will do exactly as we agree to,

Box 12

NISHNA VALLEY SEED CO.

Hamburg, Iowa.

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Ferragut, Iowa.



**SEED CORN**  
146 bushels per acre; the kind that will please you. Makes bushels where other sorts yield pecks. It's the kind that pays to plant. Change your seed and grow two bushels where you now grow but one. Write for our big Catalog. It tells you all about every farm, field and garden seed and crop that grows. A postal card will bring it, FREE.  
Address, RATEKIN'S SEED HOUSE, SHENANDOAH, IOWA.  
(The largest seed corn growers in the world.)

## SEED CORN

NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 216 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper.  
IOWA SEED CO., DES MOINES, IOWA.

## BOX OF SEEDS GIVENAWAY

This is our 20th Anniversary in the Seed Business and we are giving away 50,000 Boxes of this great selection of new crop seeds, over 100 packets, all different varieties, many novelties.  
We give this entire Box of Seeds to any person who will hand out a little of our advertising matter in their neighborhood. If you want a box, SEND FOR PARTICULARS AT ONCE. Our new Seed Catalog for 1907, 20th anniversary edition, is the Greatest Catalog we have ever issued, full of Bargains, mailed free. Address, Mills Seed Co., Box 260, Rose Hill, N. Y.



## CLOVER

New Crop IOWA GROWN Re-cleaned and Tested

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.  
IOWA SEED CO., Des Moines, Iowa.

### A BIG GARDEN

The year of 1906 was one of prodigious plenty on our seed farms. Never before did vegetable and farm seeds return such enormous yields.  
Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid:

1 pk. Garden City Beet	10c
1 " Earliest Rippe Cabbage	10c
1 " Earl's Emerald Cucumber	10c
1 " La Crosse Market Lettuce	10c
1 " 15 Day Radish	10c
1 " Blue Blood Tomato	10c
1 " Judy Turnip	10c
1000 kernels gloriously beautiful flower seeds	15c
<b>Total</b>	<b>\$1.00</b>

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 15c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant, nursery stock, vegetable and farm seed and tool catalog.  
This catalog is mailed free to all intending purchasers. Write to-day.  
JOHN A. SALZER SEED CO., La Crosse, Wis.

**FREE** Our handsome Garden Annual and Seed Catalog. Send your address on a postal, with name of neighbor who is a seed buyer. For your trouble we'll mail you a packet of Flower Seeds. If you write before March 15th address Coles Seed Store, Pella, Ia.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### ADULTERATION OF GARDEN AND OTHER SEEDS.

An interesting discussion has been going on in the national house of representatives relating to the agricultural appropriation bill. Incidentally, the question of free seed distribution comes in for its share of applause as well as abuse, while in connection with this the adulteration of seeds has been discussed at some length.

Representative Mann, of Illinois, last week called special attention to the question of seed adulteration. He stated that if seedsmen of the country would give more attention to the question of adulteration of seed and less to the small free seed distribution by congress, they would confer a greater benefit upon the country. He called attention to the fact that while he never believed that the free distribution of seed was a governmental function, yet the distribution of pure seed by congress has had a tendency to compel seedsmen to sell pure seed in competition with those which come into the hands of individuals received from the government.

Possibly not more than 10 to 20 per cent of the seed sold is adulterated, yet, considering the enormous amount of seed that is handled commercially, this percentage makes a vast amount. This adulteration is wilfully made for the express purpose of defrauding the person who purchases the seeds.

Representative Mann enumerated four classes of adulteration—namely, the mixing of Canadian blue grass with Kentucky blue grass; the sale of Canadian blue grass unadulterated under the name of Kentucky blue grass; the admixture of weed seeds with farm and garden seeds, and the sale of dead seed.

Of 352 samples of alfalfa examined by the department of agriculture, half of these were found to contain dodder seed, while in the case of 522 samples of red clover, 116 contained dodder. Seventeen samples, examined, representing an aggregate of 282,000 pounds of alfalfa seed imported in 1906, revealed the fact that less than 50 per cent of this alfalfa seed germinated. Two sixteen-lot samples germinated 8 and 9 per cent, respectively. Of the 990,000 pounds of clover seed imported in 1906, less than 43 per cent was red clover seed that germinated.

An instance was given which shed a little light on one phase of the vegetable seed question. A seed concern in Ohio had gone into the hands of a receiver. In the inventory was listed a considerable quantity of onion seed more than two years old. The members of the firm had testified in the receivership proceedings that onion seed more than two years old would not germinate, and yet considerable value was placed upon the inventory item of onion seed more than two years old, and when asked why they considered it of value the answer was: "It is of value because it increases the bulk and quantity of seed which we sell" by adulteration.

According to the case made out by Mr. Mann, the United States is the dumping ground for the worthless seed from European countries and from Canada. Canada, for example, has strict laws preventing the sale of seeds containing weed seeds in its own provinces and everything that does not come up to the standard is considered fit only for export. Mr. Mann made it very clear in his discussion that the rank and file of American seedsmen do not follow these sharp practices, but are, on the other hand, co-operating with the department of agriculture to protect farmers against the influx of foul seeds. The firms that are handling the 10 per cent of foul seeds are those that must be dealt with.

It remains to be seen whether the \$238,000 item in the appropriation bill shall be used only for the purpose of propagation and testing of new, rare and uncommon seeds, trees, bulbs, etc., to be sent only to actual experimenters, or to be used to distribute seeds broadcast over the land as has been the case in past years.

### Orchard Destroyed by Smoke.

To the Editor of The Homestead:  
A few days ago we drove past an apple orchard located upon a hillside which

## Let Us Help You

Let us help you make your planting a success. Our seed experience of over fifty years enables us to give you expert advice on the raising of various vegetables. This you will find scattered throughout our catalog. You need good seed to start with. We raise and sell only that kind, and guarantee all we sell to be fresh and reliable.

Catalogue Free.  
J. J. H. GREGORY & SON

Marblehead, Mass.

GREGORY'S  
SEED  
CATALOGUE  
FOR 1907

## THE NEW IDEAL Seed Corn Tester

No more cigar box, tin plate and blotting paper seed corn testing. The New Ideal Corn Tester solves the whole problem. It is endorsed by Professor Holden and every other corn expert in the central West. It tests thoroughly enough corn for forty acres each time. The season for testing is at hand. Write at once for catalog to

Ulbrich Seed Corn Tester Co.,

424 Walnut St.,

Atlantic,

Iowa

## FIELD'S SEED CORN

Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

HENRY FIELD, SEEDSMAN,  
Box 25, SHENANDOAH, IOWA.

## DAKOTA GROWN TREES

Are the Best and Hardest on Earth.

WE have a full general line of fruit, shade and ornamental trees, evergreens, shrubs, bulbs, small fruits, etc. Send for our free catalog. Our 23 years in the Dakotas in this business makes it valuable to western planters.

GEO. H. WHITING NURSERIES,

P. O. Box 44,

Yankton, S. D.

## SEED CORN

EAR OR SHELLED AT FARMERS' PRICES

Selected, Butted, Graded, Tested.

GRAIN, GRASS, VEGETABLE SEEDS

J. B. ARMSTRONG & SON,

Originators of the Seed Corn Business.

CATALOG FREE.

SHENANDOAH, IA.

### YOU NEED SEED WHY NOT GET THE BEST?

Send for our 1907, 96-page illustrated catalog full of valuable information about Grass Seed, Vegetables and Flowers.  
A. A. BERRY SEED CO.,  
Box 5W, Clarinda, Iowa.

**Wanted:** Two married men for orchard and farm work. Separate house and garden for each. No booze fighters or cigarette fiends need apply. Address, N. C. Dunlap, Manager Watson's Ranch, Kearney, Nebraska.

## 300,000 RED CEDARS.

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list.  
GARLAND & FOWLER, Afton, Iowa

AGENTS wanted to introduce Burbank's wonderful stoneless plum—miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

KHERSON SEED OATS FOR SALE. Big yield, will not lodge or rust. 50 cents a bushel. Aye Brothers, Blair, Nebraska.

slopes to the northwest. In the valley below at a distance of 100 yards is a large brick and tile plant with its numerous kilns. It is apparent that the trees have suffered from the smoke and fumes from the kilns, as most of them are dead and the remainder are so badly damaged that they, too, will soon succumb. I am told that before the kilns were erected the orchard was in fine condition and bearing large crops of fruit.

Many suppose that since carbon dioxide (or carbonic acid gas, as an old physiology has it) is necessary for growing plants and this same carbon dioxide is a product of combustion, smoke must be a good thing for plants. The conclusion is erroneous. In the first place, carbon dioxide is colorless; hence smoke contains other substances. The principle



pal visible substance in coal smoke is finely divided carbon which has not burned at all. This cannot be used by plants, but instead settles upon the leaves and by excluding the atmosphere, literally smothers them.

Another, and perhaps great injury from too much smoke is that caused by the noxious gases. Carbon monoxid is one of these. It is an active poison, as are the sulphur and chlorin gases which are often present. It is quite likely that the poisoning by these gases and the mechanical strangulation by the fine particles deposited are responsible for the damaged conditions observed.

Franklin Brown.

## HORTICULTURAL NOTES.

### A RELIABLE SEED COMPANY.

On page 29 of this issue will be found the advertisement of Messrs. Northrup, King & Co., of Minneapolis, Minn. This company make a very liberal offer, which is made in their catalog, by which buyers get eleven varieties of flower and vegetable seeds worth \$1.00 free. This catalog will be sent free upon application. Address Northrup, King & Co., Minneapolis, Minn., and please mention this paper when you write.

### CHESTNUT TREES SCARCE.

Reforestation is a national problem. The scarcity of the black walnut, chestnut, oak, etc., is growing alarming. The man who plants chestnut trees now is depositing a valuable bank account for himself and children. Chestnuts are good food and command a high price in the nut market. Ten thousand year-old chestnut trees are being given away to property owners who write

part of the work, and they cater only to the farmer trade, that demands a practical, reliable grade and variety of seed corn and other seeds at a reasonable price. See advertisement on page 28.

### A GOOD SPRAYING OUTFIT.

Formerly spray pumps were used for spraying trees only, consequently these pumps were in use only during a very short time every year. The Spraymotor is now recommended not only for trees, but two men in half a day can paint a large barn. The Spraymotor pump is made in thirty-six different sizes and varies in price all the way from \$10 to \$300. Send at once for catalog H to the Spraymotor Company, Buffalo, N. Y. See advertisement on page 5.

### THE BEST OF SEEDS.

The Currie Bros. Company, of Milwaukee, Wis., are offering Turkestan alfalfa at \$18 per 100 pounds. That item will be found in their advertisement on this page of this issue. In barley, they are handling the

## UNCLE SAM Endorses



### Turkestan Alfalfa

We have the seed. Price pkt., 10c; 1 lb., 25c; (by mail) 35c; 10 lbs., \$2.00; 25 lbs., \$4.25; 100 lbs., \$18.00.

The Wisconsin State Agricultural Department recommends the six rowed, heavy yielding, **ORDER-BRUCKER BARLEY**. Write us for full particulars.

Just out, our large, 130 pages, 1907

## FARM AND GARDEN SEED ANNUAL

which is profusely illustrated and contains many special seed offers and combinations. It's free. Ask for it. This book should be in every household, as it contains complete information on all kinds of farm and garden seeds, plants, flowers, shrubs, bulbs, etc., and is a valuable guide to all who grow anything, either for profit or pleasure. We make a specialty of Northern grown seeds.

**CURRIE BROS. CO.,**  
Dept. 17 MILWAUKEE, WIS.



### GOOD VALUES IN Hardy Trees & Plants

We Grow Them. Sell Direct and GUARANTEE SATISFACTION

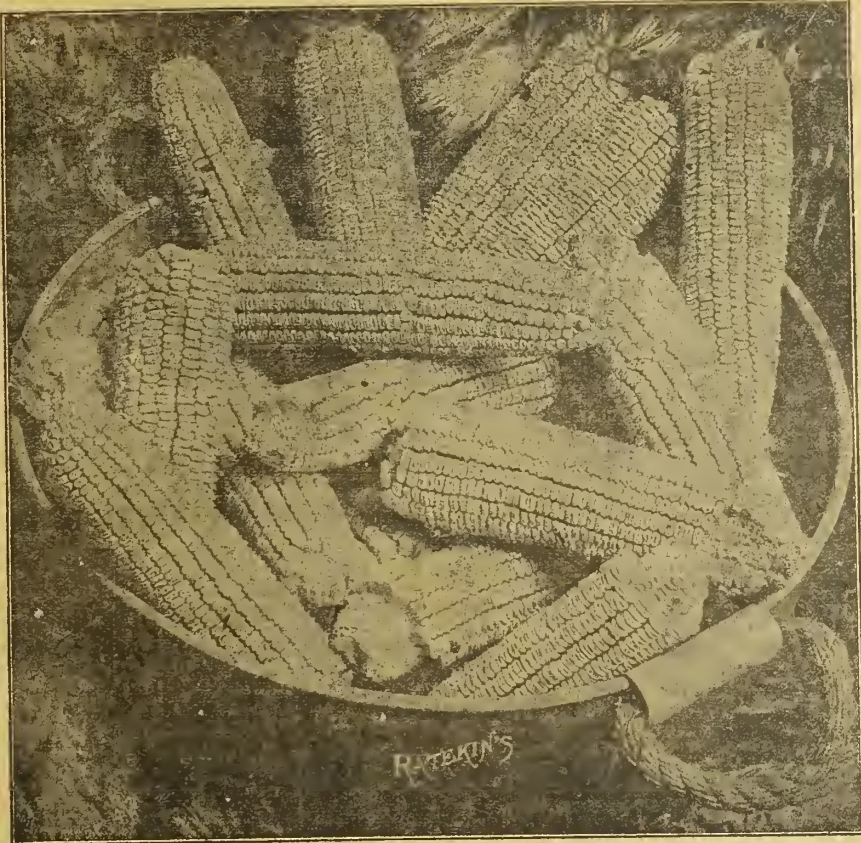
These quotations are for the best of stock and assortments.

	Per 10	Per 100
Apples 2 yr. 3-5 ft.	\$1.80	\$18.00
4 yr. 5-7 ft.	2.30	23.00
Plums & Cherries 3-5 ft.	2.50	25.00
Currents & Grapes 2 yr.	1.35	13.50
Raspberries & Blackberries	.85	8.50
Strawberries (\$4 per 1000)		.75
Peonies (choice)	.90	9.00
Hardy Perennial Flowers	1.25	12.50
" Shrubs	2.00	20.00
Evergreens 2 yr		1.60
(trans) 12-18 in.	1.50	15.00
Ash, Elm, Maple 4-6 ft.	1.50	15.00
Seedlings & cuttings (\$2.50 per 1000)		10.00

Special rates on early and large orders

CATALOG FREE

**STRAND'S NURSERY**  
Box 16 Taylor's Falls, Minn.



### DIAMOND JOE'S BIG WHITE CORN.

This is a variety of corn now placed on the market by the Ratekin Seed House, of Shenandoah, Iowa. Concerning this corn, Mr. J. W. Ratekin writes: "We knew for ourselves what this seed corn would do, but little did we think when we cataloged it last year that it was going to awaken such wild admiration throughout the corn growing world or that it would so quickly make such an astounding record as it has made everywhere. Many of our customers have reported almost unbelievable yields. Some report 100 bushels per acre, while quite a number report as high as 150 bushels per acre. In general character it comes closer to my ideal of white corn than any other variety of white corn I have ever before found. I scarcely believe it possible for any human being to get a higher type of perfection by breeding from the finest specimens. It is very early to mature, making itself safely anywhere in Iowa in 100 days. The type is fixed, color uniform, and viewing it from every standpoint, I cannot see where it can be improved upon for general field corn purposes." Our readers are requested to send to the Ratekin Seed House, Shenandoah, Iowa, for catalog giving a full description of this corn, as well as a number of other varieties. This catalog, in addition to describing the varieties now for sale by this firm, gives a great deal of practical information about corn growing. See the advertisement on page 28 and please mention this paper when you write.

to the Gardner Nursery Company, Osage, Iowa. Now is a good time to get a start and plant chestnut trees.

### 300,000 RED CEDARS.

This seems like a large number of trees, but it is the number now offered for sale by Messrs. Garland & Fowler, of Afton, Iowa, as per their advertisement on page 28 of this issue. This firm is one of the largest growers of red cedars in the United States and make this their specialty. These 300,000 trees are of various sizes and descriptions. The firm grow their trees from seed and are therefore experts in their business. This firm are reliable and they have a grand lot of red cedars to offer the trade. They can furnish the dealer, as well as the farmer, and can fill any sized order. Readers of this paper, and especially those who want red cedars, should write them at once for price list and be kind enough to mention this paper when writing.

### NOTES ON SEED BUSINESS.

Mr. J. B. Armstrong, of Shenandoah, Iowa, lays claim to being the originator of the seed corn business. He has done a great deal toward the betterment in general of the quality of corn all over the United States. He has had singular success with a number of new standard kinds, and also written a book on "Corn Growing and Intense Cultivation," which is commended by the United States Agriculture Department, experimental colleges and testing stations. The firm of J. B. Armstrong & Sons plant annually a large acreage of corn especially for seed. They have a large plant for storage, curing and preparation of seed corn, equipped with the best-made machinery for the proper grading of seed corn, and a corps of men who make a business and study of selecting and grading seed corn, and who work entirely by the day and not by the piece, securing conscientious work. A member of the firm has active charge of this particular

kind that is recommended by the Wisconsin State Agricultural Department—something a good deal better than the common six-row kind. Their 130-page catalog contains a list of practically all kinds of good farm and garden seeds that are being offered. The company make a specialty of northern grown seed, so that corn-belt readers can make no mistake by sending there for clover, alfalfa, small grain and vegetables. Address Currie Bros. & Co., Dept. 17, Milwaukee, Wis., and please mention The Homestead when you write.

## IOWA CLOVER

TESTED for germination and purity. Our "PURITY BRAND" is guaranteed free from Quack, Mustard, Canada Thistle, etc. Absolutely the best. Home grown Medium Red, Mammoth and Timothy. Also Alsike, White Clover, Alfalfa, Blue Grass, Genuine Dwarf Essex Rape, Adams' ENGLISH OATS, and field seeds of every description. Pure bred SEED CORN, Garden and Flower seeds. Get our catalog.

THE ADAMS SEED CO., DECORAH, IOWA

**FREE \$1 PREMIUM ONLY TO BUYERS OF STERLING SEED**  
FREE 132-Page Catalog

Write today for most interesting and reliable Flower, Vegetable and Field Seed Catalog published. Explains how on page 22, buyers get 11 varieties of Flower and Vegetable Seeds, worth \$1—FREE.  
NORTHROP, KING & CO.  
183 Hennepin Ave., Minneapolis, Minn.

## We Have a Limited Amount of

HOME-GROWN NEW ALFALFA

At \$10.00 per Bag of 60 lbs.

ALSO MEADOW FESCUE OF

Our Own 1906 Raising at \$6.00 per 100 lbs.

WM. ERNST & SON.

Tecumseh, Johnson Co., Nebraska.

## GOLDEN NUGGET TOMATO

THIS grand novelty is a real gold nugget in value. Wonderfully prolific; each plant bears 150 to 200 fruits. Rich golden yellow color, delicious flavor and very solid. We are offering:

**\$25.00 IN CASH PRIZES**

to the persons growing the greatest number of fruits on a single plant. Seed sells at 20 cents a packet, but if you mention this paper, we will send a Prize Competitor's Package of 25 seeds for two 2-cent stamps, with privilege of competing for prizes. Large, illustrated catalogue of

Vegetable, Flower and Farm Seeds, FREE.  
**IOWA SEED CO.,**  
Des Moines, Iowa.

## FREE A Nursery Book

Fully worth \$1.00 to any tree planter. It will give you the real facts about the care of trees. Has over 100 beautiful illustrations mostly from photos. We positively carry the most complete line of nursery stock in the West; only the hardest varieties of Trees, Shrubs, Vines, Roses, Paeonies, Perennials, Seedlings and Evergreens. You should have this book. It will help you make more money. It is free. Write for it before tomorrow.

**Sioux City Seed and Nursery Co.**

2113 Clark St.

Sioux City, Iowa

## GOOD SEEDS CHEAP

BEST EVER GROWN

A wonderful big catalog FREE Full of engravings of every variety, with prices lower than other dealers'. Oldest reliable seed grower in America. No old seed. All fresh. They will grow or will refund money. Big Lot Extra Packages Free with Every Order. Send yours and your neighbor's address.  
**R. H. SHUMWAY, Rockford, Illinois.**

## Berry Boxes and Baskets

Fruit and Vegetable Packages of every kind. Send for catalog E.

**New Albany Box & Basket Co.,**  
New Albany, Ind.

## APPLE, PLUM, OR PEACH TREES

60 FOR \$2.50  
For particulars send for Green's Free Fruit Guide and Catalog, and we will mail you also a sample copy of Green's Big Fruit Magazine.  
**GREEN'S NURSERY CO., Rochester, N. Y.**  
Mention this paper and get 100 page Fruit Book Free.

## BUY YOUR SEEDS directly from the Farmers and Growers. We produce them on our Fair-bault farms from pedigreed Seed Stock only.

**Farm and Garden Seeds. Seed Potatoes. Trees & Shrubs**

Such Seeds produce the largest yields everywhere. Write for catalog, English or German.  
**FARMER SEED CO., Box 14, Fairbault, Minn.**

## WRAGG TREES

WE PAY FREIGHT.  
SPECIAL direct guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

**M. J. WRAGG NURSERY CO.,**  
330 GOOD BLOCK, DES MOINES, IA.

## Seed Oats

50c a bushel and up. The cleanest, heaviest, best yielding Oats are Ratekin's Reliable Grown, Pure stock, Ratekin's New Sensation, Early Champion, White Russian and Texas Red Rust proof. Write for big catalog, gives full descriptions of these oats, and all farm seeds, free. A postal will bring it. Address **RATEKIN'S SEED HOUSE, Box 32, Shenandoah, Ia.**

**SEEDS** As good as grown. 5 Pkts. Giant Cyclamen, Mammoth Verbena, Crimson California Poppy, Wonder Primrose and Gorgeous Pink; also 10 varieties Annual Flowers, all for 10c. 5 Pkts. Verandah, 10c. Plants. 6 Roses, 25c. 6 Geraniums, 25c. 6 Begonias, 25c. 6 Fuchsias, 25c. 6 Chrysanthemums, 25c. 6 Pelargoniums, 25c. Catalog and Pkt. Royal Giant Pansy free.  
**A. C. ANDERSON, COLUMBUS, NEBRASKA.**

## HEALTHY TREES HONEST IN QUALITY WE PAY FREIGHT

Grafted apple 40, budded peach 40, budded cherry 150. Concord grapes \$2 per 100. Black Locust \$1 per 1000. Complete colored cat. free. Galbraith Nurseries, Box 82, Fairbury, Neb.

5 VARIETIES of seed corn for sale at \$1.25 per bu., eared or shelled. Satisfaction guaranteed or money refunded. Alex. James, R. 1, Shenandoah, Ia.

## Jewell Seeds and Trees

1200 acre nursery and seed farm, founded at Lake City in 1883 by Dr. F. A. Jewell. Send postal card for Free 132 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

**THE JEWELL NURSERIES,**  
BOX 16 LAKE CITY, MINN.

## CLOVER

Largest growers of Clover, Timothy, Grass, Oats, Barley, Corn, Speltz, Rape and Farm Seeds of all kinds in America.

**FREE**

Our mammoth 148-page Catalog is mailed free to all intending buyers; or send

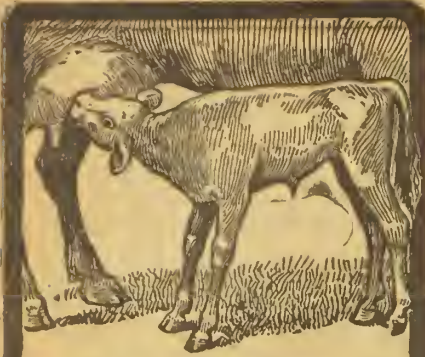
8c IN STAMPS and receive sample of perfect balance ration grass seed, together with Fodder Plants, Clovers, etc., etc., and big catalog free.

**JOHN A. SALZER SEED CO.,**  
LA CROSSE, WIS.

## SEEDS that GROW

Best quality Garden, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes. Also have full line of Nursery Stock. Large, illustrated Catalog free.  
**GERMAN NURSERIES AND SEED HOUSE, Box 12, BEATRICE, NEB.**





STOCK INSURANCE.

Dr. Hess Stock Food insures a healthy condition of both dam and offspring; it also counteracts the danger of over-feeding. Think of the vitality given off in milking and the strain on the system due to calving. Then you can form some idea of the necessity for tonics. Stock fed for market are also over-fed continually and need something to assist digestion. Professors Winslow, Quitman, Finlay Dun, and all noted authorities, recommend bitter tonics for improving digestion—iron for the blood, nitrates for assisting nature in throwing off poisonous waste material from the system. Such ingredients are incorporated in

DR HESS STOCK FOOD

The Prescription of Dr. Hess (M.D., D.V.S.), and besides it is

Sold on a Written Guarantee.

100 lbs., \$5.00    Except in Canada  
25 lb. Pail, \$1.60    and extreme  
Smaller quantities at a    West and South  
slight advance.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee. If your dealer cannot supply you, we will.

DR. HESS & CLARK, Ashland, Ohio  
Also Manufacturers of Dr. Hess Poultry  
Pana-coe and Instant Loose Killer.

SHEEP.

Glover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

Ewes for Sale

THE Iowa State College is offering twenty Shropshire, Oxford and Southdown ewes for sale at very moderate prices. Address,

DIVISION OF AGRICULTURE,  
AMES, IOWA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

Registered Shropshire Rams and Ewes

OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

15 Registered Shropshire ewes, bred to imported Minton ram. W. C. Frazier, Atlantic, Cass county, Iowa.

The "STAY THERE"

Aluminum Ear Markers

are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address

WILCOX & HARVEY MFG. CO.,  
107 Lake St., Chicago, Ill.

BEAUTIFUL RING FREE

I will send this beautiful gold plated ring absolutely FREE if you will send ten names of neighbors for two years' subscription to my magazine, THE HOME INSTRUCTOR, and enclose 25c to pay for postage. Address A. OTIS ARNOLD, Quincy, Ill.

RAW FURS.

We pay higher prices on all furs, as we are manufacturers. A trial shipment will convince you. Catalog and shipping tags upon request.

SEFREN & GLICKMAN,  
Manufacturing Furriers,  
308 Locust, Des Moines, Ia.

OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

PLAYING WITH THE RAM.

Those who have handled rams, more or less, have probably learned that it is very easy to develop a playful or tricky disposition in these animals. There is nothing that is absolutely so annoying when one goes about among a flock as to constantly have one eye on this fellow for fear he might attempt an assault on you at some unexpected moment. One's relation with the herd ram or young rams should be strictly on a business basis. The ram should be made to know that whenever you enter his quarters it is for the purpose of feeding or for necessary care and not for any intention of playing with him. Any over-friendly advances on his part must never be recognized. This will prevent future trouble.

It often happens that it is necessary for the boys to work around the flock, and we have seen boys unmeaningly spoil very good rams by playing with them. The first exhibitions of this friendliness may not result unfavorably. It is often a great deal of fun for the boys to cause the ram to back off and perhaps tramp the ground a little or get ready to butt. He may butt them around the legs oftentimes, and until he gets severe it may seem more funny than serious. However, before long he will be the biggest nuisance that one ever had to contend with.

The fact that it is absolutely impossible to break a ram of this aggravating characteristic should make it very essential that he never be given a chance to develop it. If he is made to know his place from the very start and his friendly advances always rejected, he will probably never become bothersome. Of course we do not mean that he should not be given the best of care in every way and handled for clipping and tagging, when necessary. All of these operations can be performed without developing a bad disposition.

Successful Winter Shepherding.

To the Editor of The Homestead:

Upon the care of the ewes during the winter months much depends as to whether success and profit will attend the flock or not. Breeding ewes are easily handled at all times of the year, but there are a few things it will be well to consider at this time. If the ram has not been taken from the flock remove him at once. The ram is not only a torment to the ewes, but may, by butting or roughness at feeding time, cause more or less abortion among the eyes.

The ram will also do much better himself if away from the ewes, as he will remain quiet and not be continually on the move, as is apt to be the case where a vigorous ram is left with the flock.

The ration of the ewes during the gestation period is also worthy of consideration. Let them have the run of the pastures during the day, as they will

CANCER OF THE BREAST CURED

How Mrs. Ollie Phillips' Life was Saved

ST. CHARLES, IOWA, Nov. 15, '06.

DR. L. T. LEACH, Indianapolis, Ind.

Dear Doctor: I am glad to write you that I am cured of the terrible cancer of the breast. When I first applied to you for treatment I was too weak to walk without assistance. You ought to see me now. I can step around as well as anyone. People look at me with wonder, and I never fail to give you the credit for it. Words cannot express my heartfelt thanks to you.

Yours gratefully,  
OLLIE M. PHILLIPS.

CANCEROL has proved its merit in the treatment of cancer. It is not in an experimental stage. Records of undisputed cures of cancer in nearly every part of the body are contained in Dr. Leach's new 100 page book. This book also tells the cause of cancer and instructs in the care of the patient; tells what to do in case of bleeding, pain, odor, etc. A valuable guide in the treatment of any case. A copy of this valuable

BOOK FREE TO THOSE INTERESTED

Address, DR. L. T. LEACH,  
BOX 88 INDIANAPOLIS, IND.

DR. WILLIAMS MOVES OFFICES

Now Located in the Flynn Building,  
Des Moines, Ia.

FINE NEW QUARTERS.

I have just moved my offices to more commodious quarters in the Flynn Block, in order to take care of rapidly increasing practice.

I Claim I Can Cure Catarrh

And it is an honest claim, based on the experience of the past twenty-five years as a Catarrh Specialist and the grateful testimonials of my cured patients. Do not give up because some unprincipled person has humbugged you. Write to my patients first—then write me, and I will tell you if you can be cured.

William Beckett, Sharpsburg, Iowa

Mrs. J. W. Rowland, Arkansas Flats, Sharp Co., Ark.,

Writes under date of Dec. 4, 1906: "I am feeling so well that I am sure I do not need any more medicines. Your treatment has benefited me so much that I know I am cured. I will always recommend your treatment to all who have catarrh."

Writes on Dec. 22, 1906: "I had catarrh so bad I was almost dead. My hearing is now good and eyesight much improved. I thank God for the medicine he has permitted you to prepare. I feel like a new woman and bless you for the great favor you have done me."

T. F. WILLIAMS, M. D., Consulting Physician.

Cut out this Free Coupon and send to me TODAY.

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,  
211-218 Flynn Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

NAME .....

ADDRESS .....

secure much green stuff right along and take plenty of exercise. The grain ration should be mostly oats, with perhaps one-third corn. Roots, such as turnips, rutabagas, etc., are much relished by sheep and are very desirable during the winter as they furnish succulence. If possible, they should always form a part of the winter ration. Toward the end of the gestation period a liberal allowance of bran should be fed. For forage nothing can touch alfalfa and clover hay for sheep; after these corn fodder is preferable, but feed as little timothy hay as possible.

Give the ewes shelter from rain and snow, especially cold rains, and see that they have a dry place in which to lie over night, but do not make the error of shutting them up in a close, hot stable with no ventilation. Ventilation and dryness are the essentials in sheltering. Salt and pure, clean water are of course essential, and nothing will pay you better, too, than extreme cleanliness about the feeding and watering of the sheep.

Ellis Rail.

Story county, Iowa.

Griffitts' Duroc Jersey Sale.

A representative gathering of breeders and farmers were present at the first annual brood sow sale of Mr. H. B. Griffitts, of Bowen, Ill., on Thursday, January 31st. Colonel McGowan opened the sale with a splendid plea for improved stock and called attention to the success of the Duroc breed the past ten years. Messrs. Fred Kraschel & Son, of Macon, Ill., secured a bargain in the High Chief yearling sow bred to Commodore at \$525. High Chief is one of the best sons of Ohio Chief, and crossed with Commodore, the sensational Duroc boar of the year, should produce something worthy of the good herd into which this sow has gone. Up to the \$400 mark, several of the best breeders were competing bidders. Messrs. Fagan, Browning & McCabe, of Hersman, Ill., secured a very good gilt at \$285 in Queen Dotie, a daughter of the grand champion sow at the World's Fair, Helen Blazes V., litter sister to Helen Blazes III., went to Messrs. McNeil Bros., of Bowen, Ill., at \$160. Messrs. Manlove Bros. & Norris, of Bowen, Ill., secured a yearling sow of exceptional merit by Mayor Jr. at \$100. Mr. H. J. Hooker, of Olustee, Okla., was a liberal bidder at bargain prices. Col. onels Reppert, Igo and Keil assisted in the selling in a very satisfactory manner. A list of sales follows:

1. T. E. Laurie, Jacksonville, Ill., \$ 85.00  
2. Bert Brown, Bowen, Ill., 30.00  
3. Ernest Pancake, Ransom, Ill., 30.00  
4. John McCune, Tennessee, Ill., 85.00  
5. M. & W. T. Gatton, Springfield, Ill., 60.00  
6. Substitute, Fagan, Browning & McCabe, Hersman, Ill., 137.50  
7. H. J. Hooker, Olustee, Okla., 80.00

LAWN FENCES

Two to six feet high. We save you 50%. Also write for catalogs poultry and hog fences and gates.

MUSGRAVE FENCE CO.,  
Des Moines, Iowa

8 S. E. Whitford, Bowen, Ill., 37.50  
9 McNeil Bros., Bowen, Ill., 37.50  
10 Thomas & Hogsett, Golden, Ill., 35.00  
11 Fagan, Browning & McCabe, 285.00  
12 Taylor, Schroterberger & Morris, Dwight, Ill., 47.50  
13 S. E. Whitford, 45.00  
14 Robt. Pritchard, Carroll, Neb., 60.00  
15 A. M. Worman, Bowen, Ill., 60.00  
16 H. J. Hooker, 60.00  
17 F. M. Myers, Eldora, Ia., 47.50  
18 J. E. Reed, Aledo, Ill., 17.50  
19 H. J. Hooker, 80.00  
20 Proud Advance Stock Co., Shannon City, Iowa, 75.00  
21 John McCune, 50.00  
22 H. J. Hooker, 62.50  
23 S. E. Whitford, 42.50  
24 Substitute, McNeil Bros., 50.00  
25 S. E. Whitford, 40.00  
26 Manlove Bros. & Norris, Bowen, Ill., 100.00  
29 McNeil Bros., 160.00  
31 C. M. Dewey, Shannon City, Ia., 35.00  
32 Carey Stephens, Carlock, Ill., 77.50  
34 John McCune, Tennessee, Ill., 60.00  
35 Substitute, S. E. Whitford, 50.00  
36 Same, 37.50  
37 Ernest Pancake, 45.00  
38 Fred Kraschel & Son, Macon, Ill., 525.00  
39 McNeil Bros., 50.00  
40 A. M. Worman, 35.00

SUMMARY.

39 head ....\$2,962.50; average ..\$80.00

CONGO

The best ready roofing on the market. Its "never-leak" qualities make it popular everywhere. If you need a new roofing you can't do better than to drop a post card asking for a free Sample of Congo. Examination will convince any one. Address

Buchanan-Foster Co.,  
PHILADELPHIA

1033 Monadnock Bldg., San Francisco

ROOFING



# Lump Jaw

The first remedy to cure Lump Jaw was

## Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

Fleming's Vest-Pocket

Veterinary Adviser

Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.

FLEMING BROS., Chemists,  
210 Union Stock Yards, Chicago, Ill.

## DOES THEM ALL GOOD

### Prussian Stock Tonic

is for all the stock, and whether they're breeders or feeders, does them all good.

### Prevents Disease

It keeps them healthy because it makes the digestive organs work properly. No torpid liver where there's a little of Prussian Stock Tonic in the feed. In the Big \$3.50 Fall there are over 1200 doses—enough to add a good many dollars to the value of your stock.

Write to-day for our Stock Raisers' Manual and tell us what stock you own.

PRUSSIAN REMEDY CO.

St. Paul, Minn.

## BIGGER PIG MONEY.

Scours and Thumps kill, on an average, half the pigs in every litter or make runts. Stop that slaughter and waste by giving them

### ANTI-SCOUR

Does away with starving methods. Regular ration for sow and pigs. Endorsed by all hog raisers who have tried it, and Experiment Stations. Guaranteed sure, speedy, easy and inexpensive. 400 doses in box, \$1.00. Sent postpaid or at your drug-gist's. Send for booklet, "Bigger Pig Money".

THE AGRICULTURAL REMEDY COMPANY,  
523 Kansas Avenue, Topeka, Kansas.

## THICK, SWOLLEN GLANDS

that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

### ABSORBINE

or any Bunch or Swelling caused by strain or inflammation. No blister, no hair gone, and horse kept at work. \$2.00 per bottle, delivered. Book \$2.00 free.

ABSORBINE, JR., for mankind, \$1.00, delivered. Cures Gout, Tumors, Varicose Veins, Hydrocele, Varicocele. Book free. Made only by W. R. Young, P. D. P., 40 Monmouth St., Springfield, Mass.



### ...CURES... FISTULA, POLL EVIL.

In 4 to 16 weeks. When just forming usually cures without discharging. In four weeks. Humane and easy to give. Price, 50 cts.

Treatise free upon application  
CLOUSE & STAMM, Chemists,  
22 S. STATE ST., GENESEO, ILL.

"I cured eight horses of fistula with the above remedy."—Nor-man Shearer, Supervisor of Munson Township, Geneseo, Ill. May 19, 1906.

## DEHORNING STOPS LOSS

Cattle with horns are dangerous and a constant menace to persons and other cattle. Dehorn them quickly and with slight pain with a

KEYSTONE DEHORNER All over in 2 minutes. Not a harsh method. Leaves a clean, clean cut. Cows give more milk; steers make better beef. Send for free booklet. M. T. Phillips, Box 38, Pomeroy, Pa.



DEATH TO HEAVES Guaranteed  
NEWTON'S Heave, Cough, Dis-temper and Indigestion Cure. A veterinary specific for wind, throat and stomach troubles. Strongly recommended. \$1.00 per can, of dealers, or Exp. prepaid. The Newton Remedy Co., Toledo, Ohio.

## A. S. ALEXANDER, V. S.

MADISON, WIS.,

Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

## Cancer Cured No Knife, No Pain

People I have cured of cancer prove the astonishing results of my treatment. Peter Keagan, Galesburg, Ill., writes: "It is only a question of time—I must die." Doctors said "no hope." My new method was used and to-day Mr. Keagan's cancer of the throat is healed, and he is well. I have made wonderful cures without pain, operations, sticky balms, oils or plasters. My treatment is clean and wholesome. It gives instant relief from the smothering, itching and terrible burning pain, destroys the offensive odor and has cured cases given up by the family physician and specialists. If you have cancer or have a friend who has cancer, write me to-day. Full information, proofs and advice given without charge. Address DR. RUPERT WELLS, 2165 Kadiol Bldg., St. Louis, Missouri.

## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### ABORTION.

I have a wolf hound that is with whelp and I need her to run with my pack of dogs. Can you tell me what to give her that will cause abortion without injuring her health?

It is against the principles of this paper to suggest means of causing abortion. The case should be left to nature.

#### LAMENESS.

I have a mule that fell on the ice three weeks ago and his hind legs came right back behind him. He handled one leg as though it were cork from the hock joint down. There is a little swelling in the fetlock.

Your description of the position taken by the mule at time of fall would indicate that he fractured his pelvis and in that case the lameness still is located in that part and may never be completely recovered from. Mule should be put in slings and the repair work left to nature if your veterinarian finds that there is a fracture of the pelvis.

#### WARTS.

I have a yearling heifer, red in color, that is covered with white warts from its head to shoulders, as thick as they can be. When the calf rubs against anything they fall off. It appears to be in perfect health otherwise and is doing finely. It has been that way since early in the summer. Haven't done anything for it and would like to know what causes them and what will cure them.

Warts are due to some deranged condition of the function of the skin which usually cannot be explained. Wet the affected parts once daily with strong vinegar or with Fowler's solution of arsenic.

#### LAMENESS.

I have a brown mare coming five years old that suckled a colt all summer. She ran on grass and had oats twice a day. Along in September, I began driving her some, from twice to three times a month. About two months after I began to use her she began to get a little lame toward the last of the drive of twelve or fifteen miles. Her hoofs were broken off short so I got her shod and drove her about twelve miles. She then got pretty lame and the next morning could hardly get around. I called a veterinarian who bled her from the vein that ran from the foot and burned the sole of the foot with something. In a few days she was all right. Then in about three weeks I drove her about ten miles and she got lame in her left front foot. I put it in a poultice of flax seed over night and the next morning she was all right; but after she is driven a few miles she goes lame again. Her feet are flat and seem hard and dry. Her frog seems as hard as her hoof. Her hind legs swell at the ankle joint after she stands in the barn a while and she rests her hind feet a good deal, first one and then the other. She does not seem to have much life, but acts as though it were hard work for her to trot. She does not finch when I tap her feet with a hammer. She travels as though her feet were sore. The other day I put a blister of cerate of cantharides around the head of the hoof. The lameness seems to be mostly in her left front foot. Can you tell me what the trouble is and a cure?

Give up the thought of driving the mare for the present. Take her to the

## Chief Cause of Hog Losses



This exposure shows stomach and intestines taken from a twenty-five pound shoat, full of intestinal worms.



This shows liver of same shoat, with worm in bile bladder. The duct through which worm has come was split with knife to show worm.

Colfax, Iowa, Sept. 19, 1906.

### To Whom It May Concern:

During the month of August, 1906, my shoats got sick, and a number of them died. On August 27th, Mr. Deal, representing the Iowa Stock Food Company, called at my place and told me my hogs were dying on account of worm trouble. In order to make sure of this, we killed one pig. On examination we found the stomach and a portion of the small intestines full of intestinal worms. Some of the worms had worked their way through the bile duct and into the bile bladder and liver.

The jar that Mr. Deal carries with him contains the liver, stomach, intestines and worms taken from this shoat. If anyone doubts this and will write me, I will, if necessary, go before any notary public and make oath to the above fact.

I fed Iowa Worm Powder to the balance of my pigs. It cleaned them of worms, and I had no more losses. Iowa Worm Powder will accomplish all that is claimed for it. I never saw anything that would remove the worms so effectively. I also consider Iowa Stock Food the best appetizer and conditioner I ever fed. The feeding of these products has saved me my crop of pigs. Anyone can be convinced of their value by using them. Very truly,  
G. L. POULSON.

**FREE!** To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing. Address Dept. A.

**IOWA STOCK FOOD CO.,** Jefferson, Iowa.

blacksmith and have him shoe her with toe plates, letting the heels, frogs and bars absolutely alone. Then blister the hoof-head once a month as you have already done and let her run out doors every day after blister has been washed off. She will have to recover from contracted hoofs before she will be much use for road driving and a run on grass, shod as advised, may be necessary to complete the cure. Incidentally her other troubles will disappear as she lives a natural, out-door life.

#### CORN STALK DISEASE.

In regard to the corn stalk disease mentioned in a previous issue, what are the symptoms of an animal dying of the fungus spoken of, as contrasted with one dying of impaction of the third stomach? In some cases does not the stomach in which the dry stalks are first deposited, or the first stomach, become packed and dry to such an extent that the animal becomes sick and dies? What causes the fungus? Is it caused by damp weather? It seems that our best and largest matured crops cause the most loss. There is scarcely a neighbor of my acquaintance who has not suffered a loss this year and I know of some four or five horses

## BROOKS' NEW CURE

Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No limes. Durable, cheap. Pat. Sept. 10, '01. SENT ON TRIAL. CATALOGUE FREE.



C. E. BROOKS, 2144 Brooks' Bldg.,

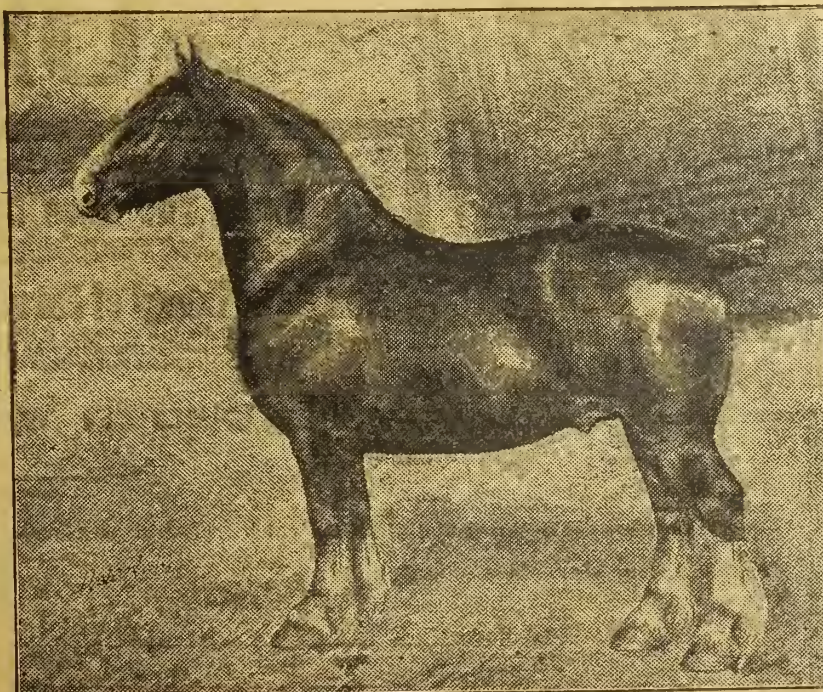
MARSHALL, MICH.

supposed to have died from the effects of stalks. How can I find and know this fungus and why does it appear to kill young stock oftenest, as is the case in this locality? Is this fungus a poison, and in an emergency what is likely to give the most radical results?

The disease formerly called "corn stalk disease" is more properly speaking caused by bacteria than a fungus and these minute organisms are wholly invisible to the human eye. The modern name of the disease is "septicaemia haemorrhagica" and it kills cattle, horses, swine, sheep, goats and other animals. Where the disease is caused by the germs referred to there always is a sudden rise in temperature and somewhere in or on the body escape of bloody substance into the tissues. In impaction of the paunch, third stomach or intestines, fever is not a usual symptom and the extravasation of bloody material into the tissues is absent. The former disease may kill in six hours; the latter requires several days. The first disease is "catching" in that it is contracted by invasion of some scratch or wound, externally or internally by the specific bacteria impaction on the contrary is merely due to the eating of large quantities of dry, coarse fodder in the absence of a sufficient amount of water, or succulent food. The germ disease is incurable; the impaction often is relieved by prompt drenching with large doses of castor oil or other physic or by opening of the rumen and removal of some of the food by hand. The germs of septicaemia haemorrhagica are most prevalent on low, rich land where the best crops of corn are produced. Young animals fall victims most readily as they have less resistance and possibly on account of greater liability to injury of tender membranes and skin.

#### Oil Cure for Cancer.

Dr. D. M. Bye's Combination Oil Cure is a recognized Cure for Cancer and Tumor. Beware of Imitators. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.



Lunsdale Governor 23468, a grandson of Lincolnshire Lad, one of the good two-year-old Shires to be sold in the Watson, Woods Bros. & Kelly auction, February 26th-27th, at Lincoln, Neb.



F. A. Edwards' Short-horn Sale.

Mr. F. A. Edwards, of Webster City, Iowa, held at Bluff View Farm, on January 29th, the most successful sale held at Bluff View in recent years. Mr. Edwards announced that his offering was a superior one and the very large crowd assembled from Illinois, Minnesota, Nebraska and Iowa were in no wise disappointed. The Scotch cattle were fully appreciated and brought good, strong prices. The Scotch-topped cattle and the bulls sold entirely too low. Mr. J. L. Reece, of New Providence, Iowa, secured Imp. Fair Duchess and bull calf at \$430. She is one of the best specimens of the breed. Mr. Wm. Myers, of Carroll, Iowa, purchased her daughter, Imp. Fair Duchess of Bluff View, and bull calf at \$425. Competition was very strong on Heather Belle, the show heifer (two years old), daughter of Duke of Oakland 2d and Imp. Fair Duchess. Mr. Leslie Smith, representing Mr. N. P. Clarke, of St. Cloud, Minn., and Mr. Thos. Stanton, for Col. Frank O. Lowden, of Oregon, Ill., were the runners up on this beautiful specimen of hoveine character. Mr. Stanton surrendered to Mr. Leslie Smith on a \$700 bid and Mr. Clarke became her owner at this figure. Mr. F. M. Benner, of Woolstock, Iowa, secured a snap in Imp. Queen Bess 32d, bred to Viscount Secret. There was no better bargain in the sale. Col. F. O. Lowden secured Heather Blossom at \$390, a promising heifer bred to Secret Viscount. Mr. Carl Sparhoe, of Ellsworth, Iowa, secured, at \$395, Larch Hill Countess of Gloster, and cow calf, and a rare bargain. Mr. Edwards accorded his guests a square deal. Col. Geo. P. Bellows never did better work and sold every animal before leaving the box. Some cattle were sold for outside parties which are not listed. All of Mr. Edwards' cattle are calculated in the averages given, but buyers' names are attached only to those selling at \$100 and upward.

FEMALES.

Imp. Fair Duchess, nine years, sire Watchfire, and h. c., J. L. Reece, New Providence, Iowa.....	\$430
Imp. Fair Duchess of Bluff View, seven years, sire Grand Duke of Ruddington, and h. c., Wm. Myers, Carroll, Iowa.....	425
Heather Belle, three years, sire Duke of Oakland 2d, N. P. Clarke, St. Cloud, Minn.....	700
Heather Blossom, three years, sire Duke of Oakland 2d, F. O. Lowden, Oregon, Ill.....	390
Imp. Queen Bess 32d, six years, sire Count St. Clair, F. M. Zenner, Woolstock, Iowa.....	475
Sweet Jasmine 2d, three years, sire Imp. J. I. Marengo, N. P. Clarke.....	330
Larch Hill Countess of Gloster, five years, sire Gloster Duke, and c. c., Carl Sparhoe, Ellsworth, Iowa.....	395
Pleasant Ridge Athene, three years, sire Double Victor, F. M. Zenner.....	350
Matchless Belle, two years, sire Double Victor, Wm. Meyers.....	135
Oakland's Fawlsley, eight years, sire Duke of Oakland 2d, and b. c., Carl Sparhoe.....	145
Farewell's Duchess, three years, sire College Farewell, C. A. Jerdeman, Story City, Iowa.....	100
Blue Belle, three years, sire College Farewell, G. F. Kerns, Fairmont, Minn.....	175
Princess Oakland, eight years, sire Duke of Oakland 2d, and b. c., C. A. Jerdeman.....	125
Rose, four years, sire Imp. Blackwatch, and h. c., D. Daniels, Thor, Iowa.....	115
Aspen Leaf, five years, sire Duke of Oakland 2d, and h. c., C. A. Jerdeman.....	100

MALES.

Nonpareil Stamp, one year, sired by Imp. Morning Star, D. M. Johnston, Storm Lake, Iowa.....	205
Count Marjory, two years, sire Imp. Morning Star, W. H. Zeno, Sheffield, Iowa.....	195
Scottish Count, two years, sire College Farewell, Roh Lucas, Kanawha, Iowa.....	140
Victor's Prince, two years, sire Prince of Bluff View, O. S. Joddman, Blairsburg, Iowa.....	105

SUMMARY.

26 females.....	\$5,240; average.....	\$201.00
6 bulls.....	785; average.....	130.85
32 head.....	6,025; average.....	188.28

Rankin's Sow Sale.

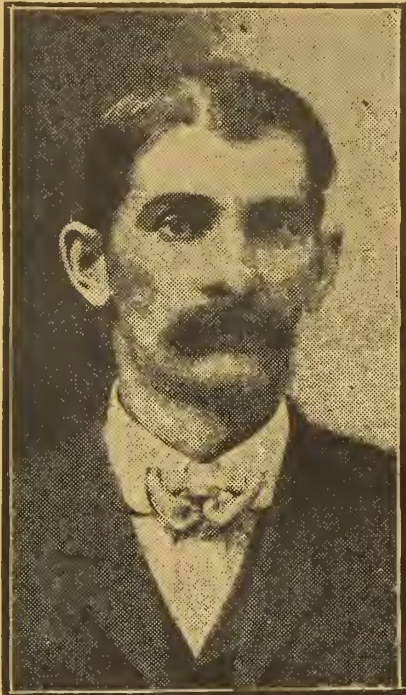
The W. A. Rankin Duroc Jersey sow sale at Carson, Iowa, on February 1st was well attended by both farmers and breeders and an average of \$54.30 was made on the entire offering. The top was \$285 for Miss Brown, one of the best daughters of old Orion that has ever passed through a sale ring. She went to Mr. R. J. Harding. Below is a list of sales:

Lot.	Name	Price.
1.	R. J. Harding, Macedonia, Iowa.....	\$285.00
2.	T. H. Isaac, Red Oak, Iowa.....	75.00
3.	W. H. Rhodenhaugh, Macedonia, Iowa.....	47.00
4.	O. L. Mossman, Polk City, Iowa.....	90.00
5.	T. H. Isaac.....	58.00
6.	F. D. Comstock, Macedonia, Ia.....	36.00
7.	J. A. Bolton, Macedonia, Iowa.....	39.00
8.	A. B. Perkins, Carson, Iowa.....	39.00
9.	W. D. Coughill, Carson, Iowa.....	45.00
10.	O. Wright, Carson, Iowa.....	44.00
11.	Wm. M. Clelland, Clarinda, Iowa.....	46.00
12.	Nash & Kimmons, Pickering, Mo.....	67.50
13.	M. S. Moats & Son, Randolph, Neh.....	77.50
14.	Albert Bolton, Carson, Iowa.....	42.00
15.	W. M. King, Carson, Iowa.....	46.00
16.	Walter Bowen, Neola, Iowa.....	40.00
17.	W. H. Rhodenhaugh.....	39.00
18.	Chas. Nair, Macedonia, Iowa.....	35.00
19.	Chas. Kiest, Macedonia, Iowa.....	40.00
20.	A. P. Alsin, Boone, Iowa.....	58.00
21.	A. E. Poush, Charlton, Iowa.....	132.50
22.	H. C. Hall, Brunswick, Neh.....	67.50
23.	J. S. Moffitt & Son, Prescott, Ia.....	50.00
24.	Arch Brown & Son, Waterloo, Neh.....	52.50
25.	Geo. Woods, Macedonia, Iowa.....	35.00
26.	Jas. Bolton, Macedonia, Iowa.....	38.00
27.	J. S. Moffitt.....	39.00
28.	W. T. Welst, Macedonia, Iowa.....	35.00
29.	Same.....	30.00

31.	W. S. Tipton, Carson, Iowa.....	36.00
32.	Henry Hess, Taylor, Iowa.....	38.00
33.	Albert Bolton, Carson, Iowa.....	31.00
34.	J. S. Moffitt & Son.....	35.00
35.	Walter Lylle, Carson, Iowa.....	33.00

A WIDE-AWAKE BREEDER.

Breeders of Short-horn cattle throughout the state of Kansas and the adjoining states are acquainted with Mr. C. S. Nevius, of Chiles, Kan., either personally or by reputation. He is known as one of those young men who by his personal efforts, push and energy has made a success of the cattle business, and is today classed among the cattle improvers of the corn belt. Mr. Nevius, it is true, has devoted the larger part of his time for the past few years to cattle, but while pushing the cattle he has at the same time been hard at work breeding Poland



China hogs. The work has been somewhat of an uphill job, as Mr. Nevius is one of the men who realize that in order to be profitable to the farmer the hog must be practical. With this idea in view Mr. Nevius has gone after the big kind, the kind that has checked the rush of farmers to other breeds, and he is today breeding a class of hogs

that have size, quality and the desired feeding qualities. No fads or fancies have entered into Mr. Nevius' breeding operation and a more useful lot of Poland China hogs is hard to find. His leading herd boar, Designer, is one of the largest, is well proportioned and as smooth as they are grown. Mr. Nevius will hold a sale of these big-growth Poland Chinas on Monday, February 18th, and the man who wants them big and smooth should write Mr. Nevius to put his name on his mailing list.

Homeseekers' Rates.

Homeseekers' tickets are on sale via the North-Western Line from points in Wisconsin the first and third Tuesday of each month at very low rates for the round trip to points throughout the West, Northwest and Southwest. Also

special low rates for one-way colonists' tickets same dates in February and March to Colorado, Wyoming and the Black Hills, and to Pacific coast points daily during March and April. Ask agents of the North-Western Line for particulars.

WESTERN SEEDS for Western Planters

NEW CROPS, TESTED SEEDS, for Farm, Field and Garden, ALFALFA, CANE SEED, MILLET, KAUFER, CORN, POP CORN, ONION SETS, CLIPPER MILLS, ETC. Also FULL STOCKS GARDEN SEEDS. If you wish to buy or sell, write us for price lists before you buy. THE BARTELDESEED COMPANY Lawrence, Kansas Denver, Colorado Oklahoma City, Okla.



THE OLD RELIABLE ..Anti-Friction Four Burr Mills.. Double the Capacity of other Mills.

TWO HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour. 30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill. Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

New Tongue Truck

FOR DISK HARROWS AND OTHER MACHINES

No need of buying a new Harrow, Mower or Seeder to have the new tongueless implements. Your old implements can be made modern and up to date by buying one of our inexpensive Famous Tongue Trucks. Can be attached as shown in picture to any implement, old or new, and is the simplest and most practical truck made. Takes the weight from the horses' necks, prevents bruises and galls. Only truck made which permits raising or lowering of tongue and hitch at the same time, thereby causing direct draft and even cut of disks. Write postal for particulars.

Crescent Furnace and Foundry Co., 600 Madison St., Des Moines, Iowa.



Write For FREE Circular describing different style Trucks and our proposition to send Truck on 10 days approval. Send your name and address today.



Both These Magnificent Papers For \$1.00 a Year

USE THIS ORDER BLANK.

TWO PAPERS FOR THE PRICE OF ONE.

You Know The Iowa Homestead

world-edited by working farmers-embodiment the wisdom and experience of the largest corps of editors and contributors of any farm journal that is published. It has no equal.

You Have Heard of Farm and Fireside

per for the farmer, the farmer's wife and the farmer's children. Twelve of the numbers include the splendid Fiction Magazine section, filled with stories, games and interesting reading for the family. An early feature is a complete novel by Miss Maude Roosevelt, entitled "The Strange Adventures of Helen Mortimer."

One of the two. It is recognized everywhere as the foremost agricultural weekly in the

The other one, published twice a month, twenty-four times a year, a paper of the numbers include the

Homestead Co., Des Moines, Iowa.

Gentlemen:—Enclosed find \$1.00, for which you will please send me The Homestead and Farm and

Fireside for one year. This subscription is (new) (a renewal) Erase one.

Your Name

R. F. D. No.

P. O.

State

Date 190



# Buy DOUBLE EAGLE Now

**Just Think  
Of It ! ! ! !**

You can purchase stock in a fully developed, equipped and shipping mining property at the low price of 10c per share. Assays from \$44.20 to \$8,261 per ton and over \$8,000,000 worth of ore blocked out and lying on the ore dumps.

Write for High Art Prospectus Today.

**10 CENTS  
Per  
Share**

## GOLD! SILVER! IN GREAT ABUNDANCE The Famous Double Eagle Gold Mining Co.

Read this advertisement very carefully, IT MAY MEAN FORTUNE TO YOU  
**Announcement**

### Extraordinary

The Double Eagle Gold Mining Company, incorporated under the laws of Colorado for \$3,000,000, divided into 3,000,000 absolutely non-assessable shares.

### PROPERTY.

The property of the Company is located in Bridal Veil Basin, near the city of Telluride, and right in the very heart of the rich gold and silver bearing district of San Miguel County, Colorado.

It consists of twelve very rich claims and three mill-sites, and comprises about 130 acres. The Company owns this property in fee simple, and there is no incumbrance or indebtedness on same.

Immediately surrounding this Company's property are the famous Smuggler Union, Liberty Bell, Tomboy, Nellie and Camp Bird mines.

These companies earned upwards of \$4,500,000 last year. The Double Eagle property is more advantageously situated, and its ores assay far greater values than any of the foregoing companies.

### PRESENT EQUIPMENT.

This company has erected on its property one fully equipped mill with a capacity of ten tons daily, a blacksmith shop, a machine shop, power house, and dynamo room, a bunk house, assay office and laboratory and other minor buildings, all fully equipped. The machinery and buildings are all in splendid condition, and as good as when installed.

### WATER POWER.

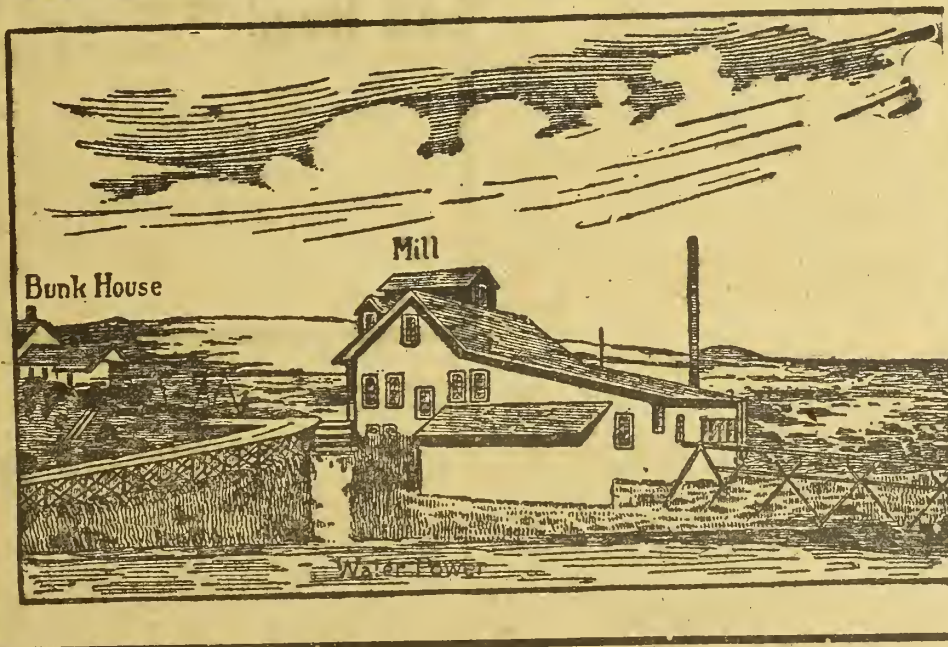
Within 150 feet of the mill runs Bridal Veil Creek, and this stream has been utilized by this Company to provide about 80 horse power. A turbine has been installed which gives us sufficient power for all present needs. One hundred horse power more can be generated on our water rights. We have no expensive fuels costs.

### DEVELOPMENT.

The various claims of the Double Eagle Group have been opened up in eight different locations, and to date work has been done, as a result of which there is now upward of 3,000 feet of tunneling, drifts, cross-cuts, winzes and up-raises. These cuttings, crosscuts and drift upon eight true fissure veins from four and a half to twelve feet wide.

### VALUE OF ORE DEPOSITS.

Assays and smelter tests show that the average value of the Double Eagle ores are upwards of \$60.00 per ton. Assays show from \$44.00 to \$8,261.00 gold and silver values per ton. The Company has now over 210,000 tons of this high grade ore blocked out, and also about 140,000 tons of low grade ore, averaging about \$10.00 per ton, lying on the dumps, only awaiting increased facilities to be turned into cash.



This Developed Mining Property is Located in the Heart of Colorado's Richest District  
**THE COMPANY'S OFFER.**

This Company now offers to the public its treasury stock at ten cents (10c.) per share. This is an unparalleled offer. Seldom, if ever, is the opportunity presented of purchasing stocks in a property of this character at this low price. The price of this stock will advance to fifteen cents in a very short time.

**THE COMPANY'S PURPOSE**  
Is to increase the mill capacity to 200 tons per day; to install a 200 ton cyanide plant, to install aerial tramways; to equip the shafts with electric hoists; to increase the water power; to continue underground development, and to purchase other very rich claims on which the company now has option. It is to accomplish the foregoing that the Company is placing on the market 1,000,000 shares of its treasury stock.

### ESTIMATED EARNINGS.

This Company confidently expects to pay dividends of at least 30 per cent annually. This means that at ten cents per share your investment will earn you 300 per cent, and that each share you now pay ten cents for will then be worth one dollar, i. e., \$25.00 will buy 250 shares. Thirty per cent dividends on 250 shares will net you \$75.00 per year; in addition your stock will be worth \$250.00 on the market. Just think what \$1,000.00 will do.

### THE COMPANY'S OFFICERS.

Pres., J. H. HARRINGTON, of the Harrington McCormick Commission Co., Kansas City, Mo.

Vice Pres., WM. PEET, President of Peet Bros. Soap Co., Kansas City, Mo.  
Sec. and Treas., C. C. COURTNEY, State Agent of the Mutual Benefit Life Insurance Co., Kansas City, Mo.

### DIRECTORS.

HARRY HALDEMAN, of the Sonora Chief Mining Company... Kansas City, Mo.  
J. T. GOODELL, Cudahy Packing Company... Kansas City, Mo.  
E. E. TOMLINSON, Traffic Manager, Swift & Co... Chicago Illinois  
Z. F. CRIDER, Crider Bros. Com. Co... Kansas City, Mo.  
C. H. BOYER, Boyer Safety Device and Equipment Co... Kansas City, Mo.  
J. H. KETNER, Prop. Hotel Washington, ... Kansas City Mo.  
J. LINDERMAN, Capitalist... Kansas City, Mo.

### REFERENCES

The foregoing gentlemen earnestly urge you to inquire of ANY BANK IN KANSAS CITY, MO., or any MERCANTILE AGENCY, as to their character and high standing. They are men of the very highest integrity and are trusted and respected business men of Kansas City. We also refer you to the FIRST NATIONAL BANK OF TELLURIDE, COLO.

F. C. VINCENT, Fiscal Agent, 432-441 Gibraltar Bldg. KANSAS CITY, MO.

**THIS STOCK WILL ADVANCE TO 15 CENTS PER SHARE BY MARCH 1st.**

The Double Eagle Co. has already spent over \$200,000 in Development and Equipment of its 12 rich Claims.

If you PURCHASE DOUBLE EAGLE NOW you permanently increase your income. Bear in mind that this is a Developed, Producing Industry and not in any respect a prospect. It costs you nothing to inquire. Cut out the coupon, mail today.

## Our Guarantee

### This is Important

This Company will positively repurchase from any stockholder any stock purchased by him (from the Fiscal Agent of this company) in the Double Eagle Gold Mining Co. at any time after one year from date of purchase of said stock, and will pay said purchasers 10 per cent. over and above the price paid by said purchaser for said stock.

This protects your investment. This guarantee is backed by over \$400,000 assets.

## IMPORTANT!

The Famous Camp Bird, Liberty Bell, Tom Boy and Smuggler Union Mines are within a stone's throw of The Double Eagle Mines. All have paid millions of dollars per year to their stockholders and none have stock for sale.

San Miguel County, in which The Double Eagle is situated, produced \$3,992,264 in precious metals in 1906.

Price of stock on monthly payment Plan.  
\$10.00 Buys 100 shares, \$2.00 down \$2.00 per month.  
\$20.00 buys 200 shares, \$4.00 down, \$4.00 per month.  
\$30.00 buys 300 shares \$6.00 down \$6.00 per month.  
\$40.00 buys 400 shares, \$8.00 down, \$8.00 per month.  
\$50.00 buys 500 shares, \$10.00 down, \$10.00 per month.  
\$100.00 buys 1,000 shares, \$20.00 down \$20.00 per month.  
\$200.00 buys 2,000 shares, \$40.00 down, \$40.00 per month.  
\$300.00 buys 3,000 shares, \$60.00 down, \$60.00 per month.

\$500.00 buys 5,000 shares, \$100.00 down \$100.00 per month.  
\$1,000.00 buys 10,000 shares, \$200.00 down, \$200.00 per month.  
Ten per cent. discount will be allowed if paid in full at time of subscription.

Please Write Plainly.

**F. C. VINCENT, Fiscal Agent,**  
Suite 410-441 Gibraltar Bldg., KANSAS CITY, MO.  
Please send me all information and prospectus of the Double Eagle Gold Mining Co.

Name.....

Address.....

Note—If you desire to reserve shares in this company please insert here

Reserve ..... shares.




Stansell & Matern Duroo Sale.

A good representation of breeders and a large crowd of farmers were present on Monday, January 28th, at the annual Duroo Jersey brood sow sale of Messrs. Stansell & Matern, of McNabb, Ill. The offering was in nice breeding condition and was appreciated by those present. Mr. H. E. Brown, of Hirsman, Ill., topped the sale, paying \$145 for the yearling sow, My Delight, a daughter of Chief Of All, he by Ohio Boy. Messrs. E. M. Castle & Son, of Joy, Ill., were the competing bidders. Mr. F. M. Erschen, of Odell, Ill., secured a bargain in a daughter of Tip Top Notcher at \$105, and was a liberal bidder on the best sorts. Colonels Keppert and Keil conducted the selling in a satisfactory manner. A list of animals selling for \$25 or over follows:

Lot.	Price.
1 John E. McNabb, McNabb, Ill. ....	\$ 58.00
2 Geo. Kochler, McNabb, Ill. ....	74.00
3 M. E. Ford, McNabb, Ill. ....	43.00
4 A. Forrest, McNabb, Ill. ....	46.00
5 P. W. Zimmerman, Tonica, Ill. ....	38.00
6 Fred Wolf, Jr., Ferris, Ill. ....	33.00
7 M. E. Ford ....	50.00
8 F. M. Erschen, Odell, Ill. ....	105.00
9 H. E. Brown, Hirsman, Ill. ....	145.00
10 H. B. Griffiths, Bowen, Ill. ....	36.00
11 Horace Sahin, Princeton, Ill. ....	50.00
12 Fred Wolf, Jr. ....	32.50
13 B. L. Gates, Algona, Iowa. ....	32.50
14 Frank Koehler, Magnolia, Ill. ....	90.00
15 P. W. Zimmerman ....	31.00
16 Fred Wolf, Jr. ....	30.00
17 J. N. Wilson, McNabb, Ill. ....	28.00
18 J. A. Morris, Tonica, Ill. ....	37.50
19 Fred Wolf, Jr. ....	39.00
20 P. W. Zimmerman ....	36.00
21 M. E. Ford ....	43.00
22 Same ....	25.00
23 Fred Wolf, Jr. ....	40.00
24 P. W. Zimmerman ....	52.50
25 F. M. Erschen ....	36.00
26 J. M. & W. T. Gatton, Springfield, Ill. ....	28.00
27 J. W. Remley, Lacon, Ill. ....	38.00
28 W. F. Matean, Wesley, Iowa. ....	45.00
29 Thomas & Hogsett, Golden, Ill. ....	

**BEST CURE FOR SORE EYES**



Testimonials prove it. Hon. H. L. Olsen, Northwood, Iowa, member of State Legislature, says: I was nearly blind and paid \$1,000 trying to get cured of granulated eyelids and ulcers on the eyeballs without success; 2 bottles of the Arntz Eye Cure cured me. Mrs. Henry Drehoft, 900 So. E. 13th St., Des Moines, Iowa: I suffered from cataracts and ulcers on the eyes for 20 years. Three bottles of the Arntz Eye Cure have restored perfect sight. L. N. Walters, Hopkins, Mo.: I suffered from corneal opacities caused by neuritis; got well by using the Arntz Eye Cure. PRICE 50 cents per bottle; 3 bottles \$1.25. Testimonial circular and Sample Bottle Free. Send 10c for postage, etc. **ARNTZ OPT. CO., 150 6TH AVE., DES MOINES, IOWA.**

**EVERGREENS**



Nursery grown, hardy everywhere. All sizes for all purposes, lowest prices. 50 bargain lots, first class, prepaid \$1 to \$10 per 100. Also Nursery grown Forest Trees. **FREE**—One beautiful Black Hill Spruce to every customer. Send for free Cat. and Bargain Sheet. **D. Hill, Evergreen Specialist Box 51, Dundee, Ill.**

**Wanted** Men each state to distribute samples of our goods and tack advertising cards. Salary \$21 per week, \$3 a day expense allowance. Saunders Co., Dept. 3, Chicago.

36 P. W. Zimmerman .....	26.00
37 P. B. Anderson, Knox City, Mo. ....	34.00
38 Chas. Sabin .....	37.00
39 J. W. Thomas, De Land, Ill. ....	30.00
40 Henry Bloom, Pontiac, Ill. ....	32.00
41 Chas. Sabin .....	40.00
Extra, H. E. Browning .....	50.00
Extra, Peter Grassin .....	27.00
Extra, Same .....	36.00
SUMMARY.	
39 head .....	\$1,499.50; average. \$35.63

A. L. Mossman's Brood Sow Sale.

On the morning of January 29th about forty breeders from all parts of Iowa and Nebraska drove to Mr. A. L. Mossman's farm to attend his Duroo Jersey brood sow sale and were not disappointed with the offering as will be seen by the prices. A large crowd gathered in the tent and did full justice to the dinner. The offering was in fine condition, and Mr. J. D. Pollock, of Thayer, Iowa, topped the sale for a full sister to Nos. 33 and 34 of the catalog, sire Al's Chief 43327, dam Gold Choice 126018, paying \$235. Below is a list of prices paid and address of purchasers. Mr. Mossman desires to thank all who attended his sale and asks them to come again:

Lot.	Price.
1 Leslie Sheldon, Hubbard, Iowa. ....	\$ 71.00
2 W. D. Pittman, Lake City, Ia. ....	105.00
3 J. B. Fuller, Alden, Iowa. ....	100.00
4 Harry Sherwood, Hartwick, Ia. ....	112.50
5 A. J. Fisher, Alden, Iowa. ....	57.00
6 A. I. Conklin, Radcliffe, Iowa. ....	225.00
7 Barkley & Downs, Odebolt, Ia. ....	50.00
8 A. I. Conklin ....	55.00
9 F. E. Garrett, Lohrville, Ia. ....	50.00
10 S. P. Friede, Ames, Iowa. ....	50.00
11 Substitute, F. J. Clouse, Clare, Iowa. ....	51.00
12 J. L. Moore, Alden, Iowa. ....	52.00
13 John Justice, Ankeny, Iowa. ....	75.00
14 Lee Hopper, Neola, Iowa. ....	60.00
15 W. A. Staples, Glidden, Iowa. ....	150.00
16 J. D. Pollock, Thayer, Iowa. ....	87.50
17 O. E. Donnelson, Ellsworth, Ia. ....	62.50
18 S. W. Collins, Alden, Iowa. ....	50.00
19 Harry Sherwood, Hartwick, Ia. ....	61.00
20 Easton Bros., Galva, Iowa. ....	90.00
21 Johnstons Bros. & Newkirk, Brooklyn, Iowa. ....	60.00
22 A. I. Conklin ....	75.00
23 J. B. Fuller, Alden, Iowa. ....	50.00
24 J. B. Clark, Lohrville, Iowa. ....	62.50
25 Substitute, A. I. Conklin ....	140.00
26 John Reece, Eldora, Iowa. ....	52.50
27 J. D. Pollock ....	235.00
28 Manley & Co., Lyons Neb. ....	200.00
29 Same ....	227.50
30 Male, son of Ohio Chief, A. I. Conklin .....	150.00

Quick & Son's Sale.

Breeders from Indiana, Ohio, Illinois and Kentucky were present at the annual brood sow sale of Messrs. S. R. Quick & Son, at Gosport, Ind., on Wednesday, January 30th. This firm have been breeding Durocs for a number of years and the offering was appreciated by those present. Mr. E. S. Kelley, of Yellow Springs, Ohio, topped the offering, securing a daughter of Beat Him If You Can, the \$3,000 son of Kan't Be Beat, at \$100. Messrs. Geo. W. Smith & Son, of Shelbyville, Ind., secured the next highest-priced one in a good gilt at \$85. This firm were liberal buyers. Col. Onel Isenhower opened the sale and was well assisted in the selling by Col. Tom

SPECIAL REQUEST  
High Chief Brood Sow Sale!

HELD BY  
H. E. WATSON, EDINBURG, INDIANA

ON  
SATURDAY, : FEBRUARY : 23, : 1907

Following the Harris & Sons' Commodore Sale at Louisville, Ky. These boars are sired by Ed's Colonel, High Chief, Top Notcher Chief, Ohio King, Baker's Bred Right, Sure Winner, Uncle Ned, E. K.'s Colonel, High Ohio Chief, John's Ohio Chief, Sir Radiant II., Perfect Lad, Day's Star, Perfect, American Chief, Duckworth Col. and others, and safe in pig to the following boars: 14 bred to the great High Chief, by Carl's Colonel, said by S. E. Morton to be the best son of old Ohio Chief; 8 bred to Colonel Scott by Carl's Colonel, and full brother in blood to Prince of Colonels. He is one of the best boars in the United States today. Come and see him. Elght bred to Watson's King, by Perfect King by King of Kings. The boar, Perfect King, sold at a long price to head one of the best herds in Iowa. Will also sell six head of topky fall boars sired by High Chief. Sale to be held in sale barn in Edinburg. Send bids to Mr. D. M. Pierce, representing this paper.

Will Also Sell Six Head of Topy Fall Boars Sired by High Chief.  
Auctioneers, TOM VINNEDGE and assistants  
H. E. WATSON, Edinburg, Ind.

J. O. James' Big Poland China, Sow Sale.

The Biggest of the Breed

Braddyville, Iowa, February 23, 1907

**40 Head** 20 spring and fall yearlings, 3 matured sows, 17 spring gilts.

Fifteen sows in the sale are sired by my noted big boar, Pawnee Lad, considered one of the greatest big boars, and sire of the big kind, in southern Iowa. There will also be twelve Big Prospect sows in the sale out of Pawnee Lad sows. Others are sired by Proud Monarch, Nemo L's Dude, P. W. Perfection and other well known boars. They are bred to Pawnee Lad, Big Giant and Nebraska Chief. If you want the large sized Poland Chinas with big bone and out of prolific strains come to my sale. I have made a specialty of the big kind and that is the only kind I breed. Write for catalog, mentioning Iowa Homestead. Address,

H. C. Duncan, Auct.

J. O. JAMES, Braddyville, Ia.

Vinnedge and Dwight Lincoln. A list of animals selling for \$25 and over follows:

Lot.	Price.
1 E. S. Kelley, Yellow Springs, Ohio .....	\$100.00
2 Substitute, Geo. W. Smith & Son, Shelbyville, Ind. ....	41.00
3 S. M. Brown, Paragon, Ind. ....	25.00
4 M. L. Brown .....	27.00
5 John L. Orcutt, Wellington, Ill. ....	44.00
6 Frank Gray, Galveston, Ind. ....	51.00
7 Leslie D. Cline, Baucleus, Va. ....	25.00
8 Wm. Johnson, Bloomington, Ind. ....	27.00
9 Chas. Elliott, Vincennes, Ind. ....	38.00
10 F. F. Fletcher, Indianapolis, Ind. ....	30.00
11 Joshua Rothrock, Centerton, Ind. ....	

The Feeders' Favorite  
CROW'S BIG

Poland China

Will sell 45 Bred Sows and Gilts at  
MACLAY, Clay Co., Iowa

Wednesday, Feb. 20, 1907

Sired by Crow's Model 30729, Up to Date 36007, Look Here 37768, Chief Tecumseh 4th 101155, and others. These are out of dams of the large, prolific type. Bred to Crow's Model, a 1000 lb., a boar of great calibre, length and size, with a 10 1/2 inch bone. Up to Date, an 800 lb. boar at 24 months, with a 10 inch bone. He has the finish of a small hog and no boar has a better ham. Also to Corrector 2d 72295. If you want bone, stretch and finish, you will get it here. It is the only kind we raise. Write for catalog, mentioning Iowa Homestead. Address,

W. J. CROW, Webb, Ia.  
W. R. Ritchie, F. A. Wagner, Auctioneers.

Public Sale of  
Chester White Brood Sows

—AND—

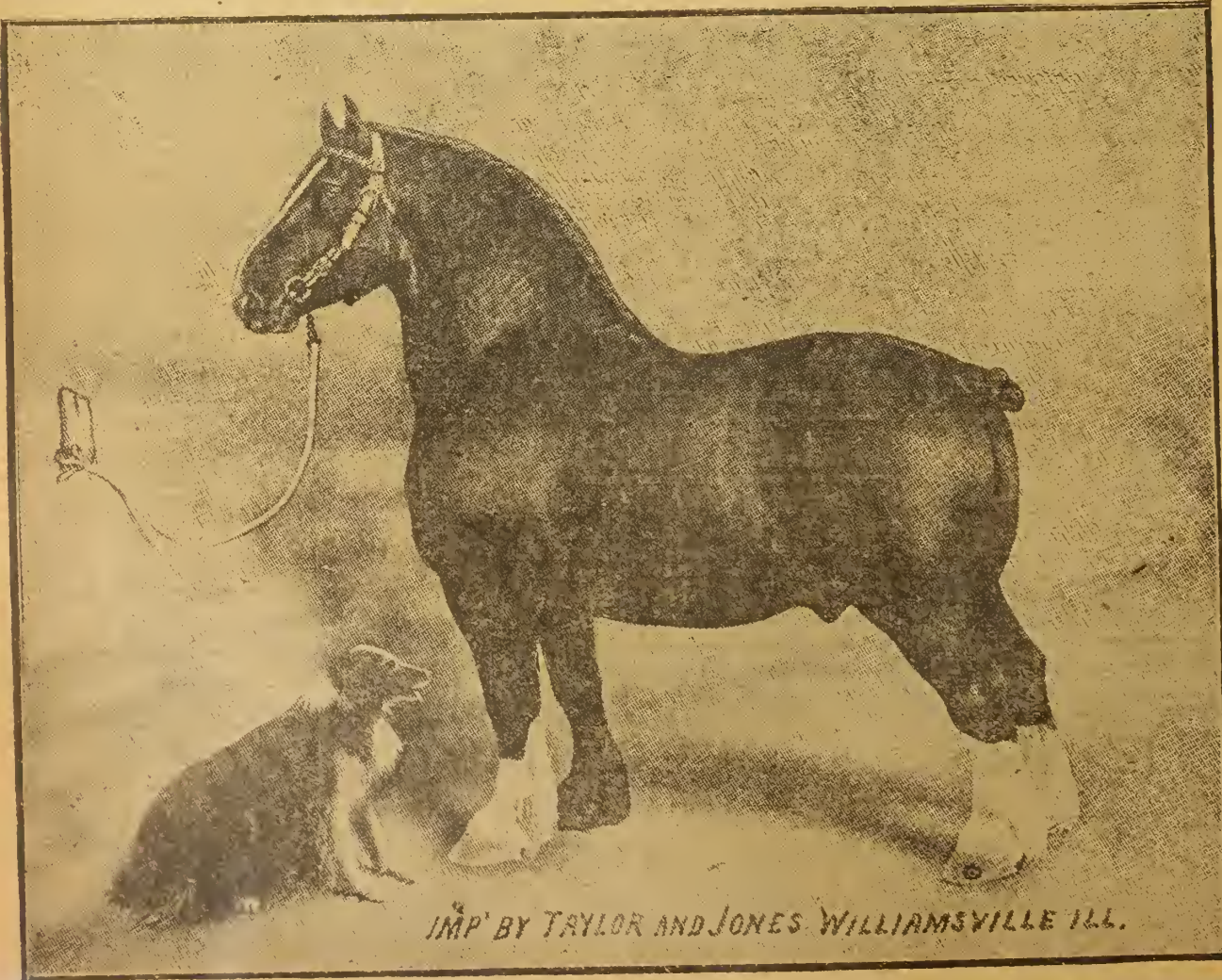
Short Horn Cattle

I WILL sell at The Lefebure Homestead, at Fairfax, Lind Co., Iowa, February 21, 1907, forty-two Chester White Bred Sows, and twenty Short-Horns, seven Scotch, six Bulls. The best lot of Chester Whites ever offered in Iowa.

JOHN LEFEBURE, Proprietor.  
T. J. Day, Auct.

Ind. ....	57.50
17 J. E. Swope, Frankfort, Ind. ....	55.00
18 Wm. Welsh, Stinesville, Ind. ....	41.00
19 F. F. Churchman, Indianapolis, Ind. ....	50.00
20 Frank Gray .....	28.00
21 Milton Oberholtzer, Bowling Green, Ind. ....	39.00
25 Substitute, H. E. Watson, Edinburg, Ind. ....	41.00
26 W. A. Craver, Fillmore, Ind. ....	51.00
27 J. Chilton, Campbellsburg, Ky. ....	51.00
28 Geo. W. Smith & Son .....	63.00
29 Stotts & Son, Odon, Ind. ....	50.00
30 Joshua Rothrock .....	50.00
31 Lester D. Cline .....	28.00
32 J. W. Vestal, Cloverdale, Ind. ....	26.00
33 Geo. Farmer, Stinesville, Ind. ....	50.00
34 F. F. Churchman .....	50.00
35 Substitute, Geo. W. Smith & Son .....	85.00
36 W. A. Young .....	26.00
37 F. M. Erschen, Odell, Ill. ....	44.00
38 Fred Kraschel & Son, Macon, Ill. ....	50.00
39 Lutz & Overmeyer, Galveston, Ind. ....	40.00
40 Thomas & Hogsett, Golden, Ill. ....	32.50
41 Jacob H. Young, Stanford, Ind. ....	27.00
42 C. E. Speaks, Yellow Springs, Ohio .....	25.00

Fresh, plump, neatly dressed poultry invariably find a ready sale, and at good prices.



IMP' BY TAYLOR AND JONES WILLIAMSVILLE ILL.

Imported three-year old Shire Stallion, Shavington Lion. Imported and owned by Taylor & Jones, Williamsville, Illinois. The kind we sell at from \$700 to \$1,400.



## THE MARKETS.

Chicago, Feb. 2.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Jan. 26..	174	11	12,613	181
Mon., Jan. 28..	26,674	952	42,857	26,727
Tues., Jan. 29..	4,766	2,099	39,448	16,466
Wed., Jan. 30..	20,036	1,677	41,910	17,166
Thurs., Jan. 31..	6,014	1,164	25,006	9,819
Fri., Feb. 1....	2,287	205	28,369	4,528
Sat., Feb. 2....	200	10	12,000	1,500

Total this w'k.	59,977	6,107	195,590	76,206
Previous week.	73,163	5,653	158,549	98,437
Cor. week 1906.	59,985	4,815	180,261	98,376
Cor. week 1905.	61,583	4,269	185,059	75,268

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Jan. 26..	1,238	...	6,555	...
Mon., Jan. 28..	7,403	10	7,777	1,920
Tues., Jan. 29..	5,299	127	3,865	2,033
Wed., Jan. 30..	4,815	71	5,659	2,024
Thurs., Jan. 31..	6,340	114	4,258	2,509
Fri., Feb. 1....	4,181	87	4,570	2,208
Sat., Feb. 2....	1,000	..	1,000	500

Total this w'k.	29,038	409	27,129	11,194
Previous week.	31,361	451	48,338	17,456
Cor. week 1906.	28,839	341	64,434	29,436
Cor. week 1905.	29,759	448	45,597	16,248

South Omaha, Neb., Feb. 2.—Cattle—Receipts, 100; unchanged. Hogs—Receipts, 10,200; 5 @ 10c lower; bulk, \$6.80 @ 6.82 1/2. Sheep—Receipts, 100; steady.

National Stock Yards, Ill., Feb. 2.—Cattle—Receipts, 800, including 600 Texas; steady. Hogs—Receipts, 4,000; 5 @ 10c lower; top, \$6.92 1/2; bulk, \$6.77 1/2 @ 6.85. Sheep—Receipts, 800; steady.

Sioux City, Iowa, Feb. 2.—Hogs—Receipts, 4,800; shade lower; range, \$6.70 @ 6.80; bulk, \$6.70 @ 6.75. Cattle—Receipts, 200; steady.

St. Joseph, Mo., Feb. 2.—Cattle—Receipts, 400; steady. Hogs—Receipts, 6,000; weak to 5c lower; top, \$6.95; bulk, \$6.87 1/2 @ 6.92 1/2. Sheep—Receipts, none.

Kansas City, Mo., Feb. 2.—Cattle—Receipts, 600; nominal. Hogs—Receipts, 3,000; steady to 5c lower; top, \$6.97 1/2; bulk, \$6.80 @ 6.95. Sheep—Receipts, none.

South St. Paul, Minn., Feb. 2.—Hogs—Receipts, 3,800; 5c higher; light mixed, \$6.75. Cattle—Receipts, 200; steady. Sheep—Receipts, 300; market unchanged.

## Great Combination Duroc Jersey Bred Sow Sale.

On February 23d will be held, at David City, Neb., the combination Duroc Jersey sale of fifty head, consigned by Messrs. Henry Bock, Joe Hilger and M. Tillman. Fifty head have been selected from these three good herds and among them are some very choice individuals. Mr. Henry Bock will offer twenty head, ten of which are tried brood sows and the balance are the tops of about fifty head of gilts raised this year. They are mostly bred to Surprise Jr., he by Young Surprise, dam Crown Queen by Wernsman's Choice. This fellow is very large, has wonderful bone and is a very good hog from end to end. He comes from the herd of Mr. Jacob Wernsman, of Cedar Bluffs, Neb., and was one of the best pigs raised on that place. Mr. Bock is using another young hog of very much the same breeding that is a very promising pig. Mr. Joe Hilger will offer seven tried sows and thirteen good, growthy spring gilts. They are all bred to Uno Higgins' Model, a grandson of Higgins' Model, that is one of the good pigs seen this year. He is very broad, has good back and ham, good bone and stands on extra good feet. He will be included in the sale and anyone looking for a good pig might do well by coming and taking a look at this young hog. Mr. M. Tillman will offer twelve head of gilts that are as growthy as we have had the pleasure of looking at this year. They are very smooth sows of good length, good backs, very broad, and good bone and feet. They are of typical brood sow type and should be looked up by those looking for breeding stock. They are bred to a son of Mendenhall's Chief, a son of Butler Chief, both extra good pigs. Catalogs are now ready and should be in every Duroc man's possession. Those who cannot attend can send a bid to Mr. Ray Page, of

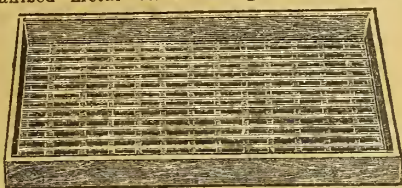
The Homestead, and it will be properly cared for. When writing please mention The Homestead.

## Good Farm Power.

No one denies the fact that the gasoline engine furnishes the ideal farm power. The kind of engine manufactured by the Witte Iron Works, of Kansas City, Mo., is especially "ideal" in its design and workmanship. There are no sparks or flames to ignite stacks or buildings; it is economical of gasoline; it is simple so that anyone who can run ordinary farm machinery can operate these portable engines without difficulty. It would take several columns to point out the merits of the Witte Portable Gasoline Engines, but as this has been done in catalog Address Witte Iron Works Co., West Fifth St., Kansas City, Mo., and please mention this paper when you write.

## The Perfection Seed Corn Grader.

By turning to page 5 of this issue you will find the advertisement of the Perfection Seed Corn Grader. This grader sells for \$1, or \$1.35 charges prepaid. It is a galvanized metal sieve corrugated in such a

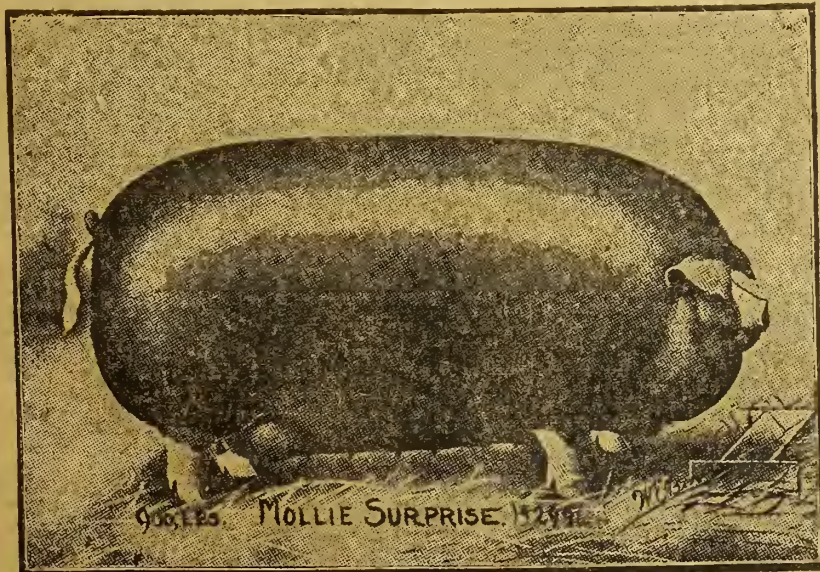


way as to let through only kernels of uniform size and shape. It is not merely a perforated piece of flat galvanized iron nailed on a frame, but is ribbed in such a way so that the corn is naturally directed through the holes. By the use of the Perfection grader all odd-shaped kernels are discarded. The work can be done rapidly, it is simplicity in itself and when you are through you can hang it up on a nail until you are ready for it next year. There is nothing to get out of order in the Perfection. It is for sale by the W. E. Ashby Telephone Cut Out Company, of Chariton, Iowa. You are safe in sending the price of this grader without even going to the trouble of corresponding. In your first communication please state that you saw the advertisement in this paper.

## Frank Vrtiska's Duroc Jersey Sale.

Mr. Frank Vrtiska's sale of pure-bred sows was held at his farm, four miles northwest of Pawnee City, Neb., January 29th, and was a success in every sense of the word. An average of \$45 was made, which was due principally to the excellence of the offering. However, there was a goodly number present and accommodations and arrangements of the sale ring was excellent. The top of the sale was \$100, paid by Mr. Frank Duder, of Table Rock, for No. 33. The list of purchasers follows:

The blacksmith shops are filling up with plows to be sharpened. This is a good sign, a sign that every plow share



This is an illustration of one of the brood sows in the herd of Mr. W. W. Wheeler, of Harlan, Iowa. She was sired by the great Chief Price, a boar weighing 1,005 pounds, and out of Mollie Jones 166842 by Mollie King Jr. 28009, her second dam being Jones Surprise 13642. This sow has size in abundance and carries her weight on a ten-inch bone. She is eighty-three inches from end of nose to root of tail and has a heart girth of seventy-six inches. She weighed 430 pounds at ten months, 630 as a yearling, 800 as a two-year-old and could easily carry 1,000 pounds. She raises large litters of pigs; indeed, her smallest litter was her first, which was nine pigs. Mr. Wheeler is breeding the Mastodon Polands, his entire herd last year averaging eleven pigs to the sow. He has had splendid opportunities to sell gilts, but has kept them all for his brood sow sale February 27th. He is offering April gilts that weigh from 275 to 300 pounds, March gilts that weigh from 300 to 340 pounds, and yearlings that weigh from 400 to 475 pounds. He has spared neither time nor money to build up his herd in the essentials, and he cordially invites all those who like the large, smooth, prolific Poland China to attend his sale at Harlan on February 27th.

I Will Sell at Brookside Farm One Mile East Farlin, Greene County, Iowa.

Wednesday, February 20, 1907

## 50 SELECT POLAND BRED SOWS 50

Eight tried sows, Miss Winsome by Chief 4th 71743; Lady Tecumseh 18968 by Chief Crop Ear; Choice Blackbird 189690 by Iowa's Choice, Logan Chief and others. Eighteen fall yearlings sired by Excelsior I Know 92379. They are big and strong boned, with fine coats and long, deep bodies. Twenty-four gilts sired by Excelsior I Know and others. Mostly from spring litters. A choice, even bunch. Herd boars are Keep On 2d and Proud Rulo. Write for catalog, mentioning The Homestead.

N. C. BASSETT, Jefferson, Iowa.

Col. H. S. Duncan, Auctioneer.

## NEAL'S DISPERSION SALE OF POLAND CHINAS

to be Held at Farm Near

HOUSTEN, NEB., FEBRUARY 20, 1907

On the above date I will offer my entire herd, thirty-three head of brood sows and gilts, thirty head good growthy fall pigs and two good herd boars will be sold. Cedar Lawn Chief, by Allerton's Chief, Great Look, a son of Grand Look, the first prize hog at Nebraska and Kansas fairs, 1906. Catalog now ready. Write for one. Parties coming by way of York will find free conveyance to the sale.

T. W. Smith, Auctioneer.

H. C. NEAL, Prop.  
HOUSTEN, NEB.

## Great Combination Duroc Sale

To be held in sale pavilion at

DAVID CITY, NEBRASKA, FEBRUARY 23, 1907

.....50 Head of Bred Sows From Three Good Herds 50 Head.....

We are selecting fifty head of tops from our herds that are good enough for any company. Very best blood lines represented and bred to as good boars as the breed affords. For catalog, address any of the following gentlemen: Henry Bock, Joe Hilger, M. Tillman, David City, Neb. T. C. Callahan, Auct. Bids can be sent to Ray Page, in care of the above.

TOO LATE TO CLASSIFY.

## A FEW CHOICE GILTS

Bred to Hanley 42345 and Helen's Tip Top Notcher 47489

THE highest priced Duroc Jersey boar ever sold at auction. The sows will farrow in March, April and May. Write for prices and descriptions. Address,

McNEIL BROS.,

BOWEN, ILL.

Kindly mention Homestead when writing.

## EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

W. F. HEMMERLING,

DIKE, GRUNDY CO., IOWA

## JACK AND MULE SALE

THIRD annual at Savannah, Mo., March 7, 1907. 25 Jacks as good as are bred, two stallions and 22 good 3-year-old mules. Catalog containing description and photos of Jacks now ready.

G. M. SCOTT,

R. F. D. No. 2, Rea, Mo.



## BERKSHIRES

THE Old Reliable Herd. 10 bred sows, 5 tried breeders. These gilts are topnotch and first class. We only have a few to offer and they will soon go at our prices. Write for what you want and prices. F. H. Houghton, Marshalltown, Iowa.

FOR SALE: Imp. Shire Stallion Toft Right Stamp 5704, ten years old, 2,260 lbs., in show shape. A prize winner in England, 1st at Illinois State Fair, and 2d at the International, 1900. "Peaches and Cream." Come or write. Address: T. A. Stevenson, Shannon City, Iowa.

DUROC JERSEY BRED SOWS FOR SALE A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Nidlinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$76.80, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IA.

## AVERYDALE HERDS.

Bred Sow Sale February 22, 1907 A Few Gilts at Private Treaty.

Send for catalog.

A. M. AVERY & SONS, Mason City, Ia.

POLAND China yearlings and gilts bred to Sunshine Lad, farrow in May and April, sired by my great boar Standard Chief 2d, out of matured dams. Priced right. Jas. Cockerton, Whiting, Ia.

in the shop represents a man who has learned to be forehanded. The man who does the most unnecessary running is he who "didn't think of it until the day before I needed it."

## 2 Dutch Belted Bulls FOR SALE.



Both Recorded In Herd Book One 2 years old and one 1 year old. They are both extra good ones with hardy and strong constitutions

ELMSIDE FARM,

Garden Grove, Iowa

## For Sale or Trade

TWO Jacks, 3 and 7 years old, with quality, conformation and substance. Guaranteed sure breeders and prompt performers. Three stallions, 1 combination, 1 trotting bred, 1 draft (grade shire). One Shetland stallion. All solid color. Aiso 100 breeding ewes, 50 with lambs about three weeks old. Have been in breeding business in Kansas City and Jackson Co. for seven years. Other business compels me to quit. Address: Wm. Hunter, R. F. D. No. 4, or 1729 Grand Ave., Kansas City, Mo.

## WHEATLEY AND WARD'S

ANGUS CATTLE

Bulls For Sale

GOT by Maplehurst Proteros 47351, Hule Lad 2d 42497 and Gardner's Pearl Rosegay 52637 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

WHEATLEY & WARD, King City, Missouri

## CHOICE POLAND CHINA GILTS

BRED to M's Perfection, a splendid hog sired by Matchless Perfection Jr. If you want something good at a reasonable price write me. Address, F. L. Morse, Floyd, Iowa.



## Dates Claimed for Live Stock Sales.

**DUROC JERSEYS.**  
 Feb. 8, T. H. Isaac, Red Oak, Iowa.  
 Feb. 8, E. R. Wood, Jefferson, Iowa.  
 Feb. 8, O. Osborn, Maxwell, Iowa.  
 Feb. 9, W. J. Hartung, Maxwell, Iowa.  
 Feb. 10, Arch Browne, Waterloo, Neb.  
 Feb. 11, J. Stroh, Dewitt, Neb.  
 Feb. 11, S. P. Freed, Ames, Iowa.  
 Feb. 11, J. A. Teter, Remington, Ind.  
 Feb. 11, Geo. W. Schwab, Clay Center, Neb.  
 Feb. 12, J. M. Morrison & Son, College View, Neb.  
 Feb. 12, Fred T. Harrison & G. A. Robinson, Corning, Iowa.  
 Feb. 12, John M. Morrison & Sons, College View, Neb.  
 Feb. 12, H. Riggan and C. T. Rodgers, Petersburg, Ill.  
 Feb. 12, A. P. Alsin, Boone, Iowa.  
 Feb. 12, Watt & Foust, Cedarville and Xenia, Ohio, at Cedarville, Ohio.  
 Feb. 12, H. B. Loudon & Son, Clay Center, Neb.  
 Feb. 13, J. B. Davis, Fairview, Kan.  
 Feb. 13, C. W. Huff, Mondakmo, Iowa.  
 Feb. 13, W. A. Kirkpatrick, Lincoln, Neb.  
 Feb. 13, Ira Jackson, Tippecanoe City, Ohio.  
 Feb. 13, T. E. Laurie, Jacksonville, Ill.  
 Feb. 13, B. C. Marts, Polk City, Iowa.  
 Feb. 13, Bill East & Son, Clay Center, Neb.  
 Feb. 14, Sbotwell & Menefee, Folk City, Iowa.  
 Feb. 14, A. W. H. Orr, Lorimer, Iowa.  
 Feb. 14, Gilbert Van Patten, Sutton, Neb.  
 Feb. 14, B. W. Hale, Laddonia, Mo.  
 Feb. 14, White Hall, Yellow Springs, Ohio.  
 Feb. 14, L. C. Welch and J. Skinner & Son, Bedford, Iowa.  
 Feb. 15, G. E. Everts & Son, Audubon, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Marpin & Applegate, Shelby, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 15, Hosea Wilson, Blair, Neb.  
 Feb. 15, Hosea Wilson, Blair, Neb.  
 Feb. 16, H. A. Sherwood, Hartwick, Iowa.  
 Feb. 16, Clark & Tryon, Wausau, Neb.  
 Feb. 16, John Lydon, Beldon, Neb.  
 Feb. 18, A. E. Poush, Obariton, Iowa.  
 Feb. 18, J. H. Habenicht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, John Black, Randolph, Neb.  
 Feb. 20, S. F. Briggs, Seward, Neb.  
 Feb. 20, B. R. Miller, Randolph, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, E. R. Miller, Randolph, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 21, Geo. Nordyke, Allen, Neb.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. C. Holmes, Osmond, Neb.  
 Feb. 22, W. L. Addy & Son, Parnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, A. W. Harris & Son, Waverly, Ky.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 23, H. E. Watson, Edinburg, Ind.  
 Feb. 23, S. R. Murphy, Savannah, Mo.  
 Feb. 25, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 25, Wm. Sanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, Wm. W. McClelland, Clarinda, Iowa.  
 Feb. 26, M. F. Buchanan & Sons, Lamoni, Ia.  
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Biessing, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 26, James Williams, Marcus, Iowa.  
 Feb. 27, Geo. W. Seckman and Fred Allen, Ripley, Ill., at Mt. Sterling, Ill.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pittman, Lohrville, Iowa.  
 Feb. 27, W. J. Wendt, Marcus, Iowa.  
 Feb. 28, Geo. Karchner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Feb. 28, Geo. W. Custer, Merville, Iowa.  
 Feb. 28, J. S. Teale, Lamoni, Iowa.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 1, C. C. Wassen, Wilcox, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

**THE ONLY WAY DUCOC CIRCUIT.**  
 Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.  
 Feb. 20, John Schroeder & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.  
 Feb. 21, Frank M. Erschen, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karchner, Wilcox, Neb.

**SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.**  
 Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

**SHORT-HORNS AND ABERDEEN ANGUS.**  
 Feb. 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

**ABERDEEN ANGUS.**  
 Feb. 4, G. W. Fink, Maryville, Mo., dispersion sale, Hal T. Hooker, Mgr.  
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.  
 Mar. 7, C. H. Schibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 March 13, E. T. Rickard, Grinnell, Iowa.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 28, C. J. Martin, Churdan, Iowa.  
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

**POLAND CHINAS AND SHORT-HORNS**  
 Feb. 23, J. A. Penn, Alta, Iowa.  
 Mar. 6, Schnider Bros., Dana, Iowa.

**ABERDEEN ANGUS AND POLAND CHINAS.**  
 March 27, J. H. Eno, Havelock, Iowa.

**HOLSTEIN-FRIESIANS.**  
 Feb. 14, H. C. Glissman, South Omaha, Neb.

**JACKS AND JENNETS.**  
 Mar. 2, W. J. Finley, Marshall, Mo.  
 Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

**HIGH-GRADE SHIRES.**  
 Feb. 26, W. D. Pittman, Lake City, Iowa.

## Dates Claimed for Live Stock Sales.

**SHORT-HORNS.**  
 Feb. 12, H. H. Hess & Sons, Surprise, Neb.  
 Feb. 15, A. H. Mattson, Loomis, Neb.  
 Feb. 20, J. M. & J. C. Robinson, Towanda, Kan.  
 Feb. 21, J. Lefebvre, Fairfax, Iowa.  
 Feb. 27, E. O. Wolcott, Gilmore City, Iowa.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 Feb. 26, Isaac A. Novinger & Sons, Kirksville, Mo.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 22, R. H. Hadley, New Providence, Ia.  
 May 31, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Halgren, Vinton, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

**POLAND CHINAS.**  
 Feb. 8, T. J. Charles, Republic, Kan.  
 Feb. 8, J. C. Hardman, Brayton, Iowa, and Lon Hamilton, Kearney, Neb., sale at Council Bluffs, Iowa.  
 Feb. 9, Wm. Ray & Son, Defiance, Iowa.  
 Feb. 11, Dan Needham, Woodward, Iowa.  
 Feb. 12, H. H. Hess & Son, Surprise, Neb.  
 Feb. 12, Jas. Watson, Madrid, Iowa.  
 Feb. 12, Reubel Bros., Rockwell City, Iowa.  
 Feb. 13, E. D. Keasey, Wiota, Iowa.  
 Feb. 15, H. H. Styler, Whittemore, Iowa, and M. P. Dan, Burt, Iowa, at Algona, Ia.  
 Feb. 15, Peter Mouw, Orange City, Iowa.  
 Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.  
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.  
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.  
 Feb. 19, L. L. Hedglin, Boelus, Neb.  
 Feb. 20, H. C. Neal, York, Neb.  
 Feb. 20, W. J. Crow, Webb, Iowa.  
 Feb. 20, N. C. Bassett, Jefferson, Ia., sale at Brookside Farm, one mile east of Farlin.  
 Feb. 21, T. A. Davenport, Belmond, Iowa.  
 Feb. 21, W. N. Booth, Danbury, Iowa.  
 Feb. 22, Chas. Cook, Danbury, Iowa.  
 Feb. 22, J. M. & J. C. Robinson, Towanda, Kan.  
 Feb. 22, E. N. Bergen, Stanton, Iowa.  
 Feb. 23, A. J. Podendorf, Logan, Iowa.  
 Feb. 23, J. O. James, Braddyville, Iowa.  
 Feb. 26, J. E. Walker, Anita, Iowa.  
 Feb. 26, J. C. Bally, Marshalltown, Iowa.  
 Feb. 27, W. W. Wheeler, Harlan, Iowa.  
 Feb. 28, F. G. Paul, Laurel, Iowa.  
 Mar. 7, Sanquist Bros., Oakland, Neb.  
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.  
 March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.

**HEREFORDS.**  
 Feb. 9, W. H. Leslie, Auburn, Iowa.  
 Feb. 14, Peter Mouw, Orange City, Iowa.  
 Feb. 21, J. M. & J. C. Robinson, Towanda, Kan.  
 Feb. 27, 28, Combination sale at Kansas City, Mo., C. B. Thomas, Mgr.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley.  
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

**CHESTER WHITES.**  
 Feb. 28, F. G. Paul, Laurel, Iowa.

**O. I. C. HOGS.**  
 Feb. 12, Jas. A. Polley, Adaza, Iowa.  
 Feb. 21, John Lefebvre, Fairfax, Iowa.

**THOROUGHbred HOGS AND CATTLE.**  
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.

**SHORT-HORNS AND DUCOC JERSEYS.**  
 Feb. 25, W. C. Cameron, Herman, Neb.

**PERCHERONS.**  
 Feb. 19, J. M. & J. C. Robinson, Towanda, Kan.  
 Mar. 6, W. R. Wilson, N. D. Merrill and others, Arispe, Iowa.  
 March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

## FIELD NOTES.

Mr. E. T. Rickard, of Grinnell, Iowa, will hold a public sale of Aberdeen Angus cattle on March 15th.

Messrs. M. F. Buchanan & Sons, of Lamoni, Iowa, announce a sale of Duroc Jerseys to take place February 26th.

Mr. E. Jay Roberts, of Chester, Iowa, has two well-improved farms which he is offering for sale in his advertisement that appears on page 27.

Mr. F. G. Paul, of Laurel, Iowa, names February 28th as the date on which he will sell fifty head of Poland China and Chester White bred sows.

Mr. W. F. Hemmerling, of Dike, Iowa, proprietor of the Model herd of Chester Whites, writes that his bred sows and gilts are all sold, and that everything is doing fine. See change in advertisement on page 50 of this issue.

Messrs. Sandquist Bros., of Oakland, Neb., are offering Poland China bred sows for sale in their advertisement that appears on page 51 of this issue. These sows are bred to Perfect Quality, Missouri's Top Chief and Growth Expansion.

On February 26th, Mr. Wm. W. McClelland, one of the best-known Duroc Jersey breeders in southwestern Iowa, will sell about forty head of brood sows at Clarinda, Iowa. Mr. McClelland has a good herd and he is offering a choice lot of sows in the sale.

Mr. F. M. Jenkins, of Pomeroy, Iowa, proprietor of the Cyclone herd of Duroc Jersey swine, has gilts bred to a Crimson Jr. boar for sale. They are of good size, color, length and bone. The price at which they will be sold appears in the advertisement on page 51 of this issue.

The production of good corn is the desire of every true farmer. A proper selection of seed is the only way of insuring the year's corn crop. To use any kind of seed, regardless of selection, is to court failure; and poor seed does not pay out in the feed lot or on the market. Nubbins are a poor return for the farmer. The finest varieties of corn in the country are grown in southwestern Iowa, the kind that brings

more bushels to the acre than any other. The Mishna Valley Seed Company, Box 12, Hamburg, Iowa, will gladly send samples and catalog of corn and other seed to those who request them.

Mr. Ant. Vanderwaal, of Pella, Iowa, has an aged Belgian stallion which he desires to sell or exchange for another of the same breed and for which, if necessary, he would be willing to pay a difference. His advertisement appears on page 53 of this issue of The Homestead.

Mr. F. L. Morse, of Floyd, Iowa, has some choice Poland China gilts bred to M's Perfection, which he is offering for sale in his advertisement on page 35. In furnishing copy Mr. Morse writes: "These gilts are a good, long-bodied lot with nice hams, good broad backs and plenty of bone. I guarantee them as represented and will ship nothing that is not first class."

"The Virginia Country Homes" is a handsomely illustrated periodical published every two months in the interest of the real estate business of Messrs. H. W. Hilleary & Co., of Charlottesville, Va. The most noted places in that state are shown in its columns. The advertisement giving further particulars in regard to this periodical appears on page 26 of this issue of The Homestead.

Why not save your money as well when it comes to moving as you do in buying goods? There is an advertisement of a reliable Des Moines firm on page 19 of this issue of The Homestead who will save you on your freight rates if you will give them the opportunity. Write L. Lock Box 299, Des Moines, Iowa, for particulars, and mention The Homestead.

On February 26th, Mr. Jas. E. Walker, of Anita, Iowa, will make a Poland China brood sow sale at Atlantic, Iowa, at which time he will sell thirty head of brood sows. He is putting in some good yearlings and matured sows and the pick of his spring gilts. They will be bred to Corrected 100201, a son of Corrector 2d, and Timekeeper 115587, a son of the great Keep On. Write Mr. Walker at once and have him send you a catalog of his sale.

The third annual jack and mule sale of Mr. G. M. Scott, of Rea, Mo., is announced to take place on March 7th. At that time Mr. Scott will sell twenty-five large black jacks, which he considers as good as are bred. He will also sell at the same time twenty-two good three-year-old mules. Catalog containing photos of jacks is now ready. See his advertisement that appears on page 35.

Mr. J. G. Truman, of Trumans' Pioneer Stud Farm, Bushnell, Ill., writes: "I am in receipt of a cablegram from our Mr. J. H. Truman advising us that he has shipped another consignment of stallions. They left London on the 25th inst., and should arrive here about the 9th of February. Trade with us is very good and we have a large selection of first-class stallions on hand." See advertisement on page 55.

Mr. J. H. Barker, of Mazon, Ill., breeder of Poland China swine, is advertising some good strong spring gilts by Keep On 2d, Come On, Contractor, L. & W. Perfection 2d and other sires, for sale in his advertisement that appears on page 51. The gilts are from Perfection, E. L.'s Perfection, Likeness Perfection, Keep On and other dams. They have all been bred for March, April and May farrow, to Chief Perfection 2d out of a Keep On dam.

Mr. L. Maasdam, of Pella, Iowa, in ordering a re-insertion of his advertisement offering a Percheron stallion for sale, writes: "I corresponded with several men in regard to this animal, but have not yet sold him. Those who have written in regard to this stallion should come and look at him, in which case I believe they would be sure to buy. He is a No. 1 stallion." Mr. Maasdam's advertisement appears on page 53.

Mr. Allen Koons, of Batavia, Iowa, bought two very choice imported stallions of Mr. Frank L. Stream, of Creston, Iowa, recently. One was a three-year-old black Percheron, weighing 1,900 pounds, and the other was a bay, imported Belgian, two years old, weighing 1,750 pounds. These were the two best horses in Mr. Stream's barns. Mr. Koons had looked through a great many stables and found exactly what he wanted at Creston, Iowa. See advertisement on page 54.

It will probably be interesting news to a great many of our readers, especially those located in Adair county, Iowa, to know that Mr. C. L. Waltz, of Orient, Iowa, recently purchased from Mr. J. G. Truman, of Bushnell, Ill., one of the best Shire stallions that has ever been imported by this firm. This horse, Teneham Stroxtan 5533, will be remembered as one of the prize-winning horses in different 1906 state fairs. Mr. Waltz is to be congratulated on his choice of a stallion.

Mr. H. D. Parsons, breeder of Short-horn cattle, of Newton, Iowa, announces in his advertisement that appears on page 52, that he has five bulls ready for service, which are offered for sale. Four are Scotch, three red and one roan, and one is a Scotch-topped red. Mr. Parsons advises The Homestead he is pricing these bulls at figures that will surely appeal to any purchaser, and he feels sure in individual character they will please the most critical. He also has a choice lot of Scotch and Scotch-topped heifers which he will sell at reasonable prices.

Mr. J. B. McAllister, of Palo, Iowa, breeder of Poland China hogs, writes as follows: "The Poland China sows I am offering for sale are of good length and bone, well quartered and stand right up on their toes; sired by my great boar, H's T. C's U. S., which did good service for two years at the head of the noted herd of Messrs. Hakes & Son, of Williamsburg, Iowa, and has been at the head of my herd for the past two years, and which I recently sold to that noted Short-horn breeder of Mt. Vernon, Iowa, Mr. Geo. H. Budge. The dams of the sows I have for sale are all old tried sows and these gilts are from good large litters; their dams are of the Tecumseh, Wilkes, Corwin and Look Me Over strains. They will weigh 200 pounds or better and are bred for April and May farrow to a son of Eva's Chief, the hog which has won sweepstakes at the Central City (Iowa) and Interstate fair of Marion, Iowa, for four years in succession. I would be pleased to quote prices on them

If the dealers would only be fair to you and me, you would have less lamp troubles and I would make more chimneys.

If a MACBETH lamp-chimney was sold every time one is asked for, I would make all the lamp-chimneys instead of half of them.

The Index explains how to get a MACBETH chimney to fit every lamp, and how to care for lamps. Sent free to everyone asking for it.

Address, MACBETH, Pittsburgh.

to any of your readers who may be in need of young brood sows." See advertisement on page 51.

Mr. W. G. Unitt, of Seward, Neb., breeder of Duroc Jersey swine, in a recent communication to The Homestead, sends the following letter from one of his customers, Mr. George W. Spratt, of Weston, Mo. He says this is only one of many letters of a similar character he has received during his three years as a Duroc Jersey breeder. The following is Mr. Spratt's letter: "As I have not written you since I received the pig, I thought I would write a few lines. He arrived all O. K. on the morning of the 10th, and I will say I am well pleased with him, as he has good bone, strong back and will make a large hog. I had the misfortune to lose my other hog, the reason for me buying so late. I may want to buy again. When I do, I will remember you, as I do not think I could expect to be better suited."

Mr. T. A. Stevenson, of Shannon City, Iowa, has an advertisement on page 35 of this issue, offering the Shire stallion, Toft Right Stamp 5704, for sale. Mr. Stevenson advises that this is a great horse, an extraordinary fine breeder and that his get have won premiums for him at the Iowa State Fair, and wherever shown they have always won first. Toft Right Stamp combines the choicest strains of Shire blood in England and America. He won first at the Illinois State Fair and second at the Chicago International fat stock show in 1900, and at the Ringgold County Fair in September, 1901, he won first and grand sweepstakes over all draft horses. He is a beautiful dark bay with fine disposition, has extra heavy clean bone and the very best of style and splendid action. He stands seventeen hands high and weighs about 2,300 pounds in show condition.

Mr. James Cockerton, of Whiting, Iowa, in furnishing copy for his advertisement on page 35 of this issue, writes: "The sows that I am advertising for sale will weigh from 250 to 300 pounds. They are from the big-boned, prolific type. A number of the sows are sired by Standard Chief 2d 92441, my 800 pounds two-year-old boar, his bone measuring eleven inches in the thinnest part of the hind leg. He has an extra fine head and ear, stands on the best of feet and legs, with good, wide, well-arched back. He won sweepstakes at our county fair last fall. The sows are not fat, but just in good breeding condition, with good, smooth coats of hair, and all from large litters, and will be priced reasonably. They are bred to Sunshine Lad, a grandson of Iowa Sunshine. I also have some extra large Toulouse ganders and Barred Plymouth Rock cockerels for sale."

The offering of Mr. F. H. Houghton, of Marshalltown, Iowa, that he makes in his advertisement on page 35 of this issue, are a few choice sows reserved by him for his private use in the old reliable herd of Berkshires, and anyone purchasing one of these sows will get the careful and experienced judgment of the twenty years' experience of a successful breeder. The fact that Mr. Houghton has changed his plans somewhat is the reason for offering these sows. The gilts will weigh about 200 pounds. The oldest sows are all bred and are safe in pig to a son of Lord Lee Senator, a son of Royal Highclere, and Champion Duke, the yearling show boar of 1906. He can sell pairs not related and bred to different boars that are not related. These sows should bring some show pigs if properly raised. This is an opportunity to secure some choice animals at a reasonable price.

## CLOSING OUT.

Anyone wanting a good jack or stallion should not overlook the advertisement of Mr. Wm. Hunter, of Kansas City, Mo., in this issue. Mr. Hunter has other business and is closing out his stock. He is offering also 100 breeding ewes, fifty of which have lambs. See his advertisement on page 35.

## GO TO TEXAS.

Do not overlook the advertisement of Messrs. Boyer & Peterson, of Kansas City, Mo., in the Lands and Homes department. This firm are extensive dealers in Texas lands and are offering lands in the Panhandle country at bed-rock prices. The lands they have for sale are A1, as the firm do not handle any other class of land. Write them for full particulars.

## THE WICHITA HORSE SALE.

Messrs. Robt. Burgess & Son, of Wenona, Ill., and Wichita, Kan., wish to announce their forthcoming horse sale at Wichita, Kan., on Friday, October 22d. They are consigning to this sale fifty head of Percherons, Belgians, Shires and Hackneys, both imported and home bred, to this sale. As they won the majority of the ribbons in the stallion classes at the Kansas State Fair, 1906, this sale gives the public an unexcelled opportunity to secure a prize winner at their own price, as many of the prize winners will be included in this sale. The horses shown in this country the past fall by his majesty King Edward VII., of England and Lord Rothschild, which were pur-



February 7, 1907.]

chased by Messrs. Burgess & Son, at the recent International will be on exhibition at this sale. Write Messrs. Burgess for further information, kindly mentioning this paper as per the announcement on page 54 of this issue.

#### PROUD ADVANCE IS DEAD.

Every breeder of Duroc Jerseys will regret to learn that the noted boar, Proud Advance, died on February 2d, after being sick for two or three weeks. The breed has sustained a great loss in his demise, because he was one of the greatest sires of the present day. He was owned by the Proud Advance Stock Company, of Shannon City, Iowa, who were very fortunate in having a great many sows bred to him in their sales on February 19th and 20th. This will be the last chance that breeders will ever have to get a sow bred to the great king of kings.

#### FAMOUS DIRECT DRAFT TONGUE TRUCK.

The Famous Direct Draft Tongue Truck is a horse's friend and delight. The attachment is a truck having wheels and supporting the end of the stub pole, the horses being hitched to a clevis which guides the wheels and renders the use of a tongue unnecessary except with a skittish team, in which case there is a provision for a light tongue which takes none of the motions of the machine and merely serves as a preventive against backing into it. There is nothing a team has to do that is as hard on them as pulling a disk barrow, and still disking is a very important thing and must be done. The tongue trucks are to be welcomed as a blessing and relief from the rigors of this time, and the Famous Direct Draft Tongue Truck is the simplest, but the most effective, truck that is made, as it can be used on any kind of a disk, either old or new. It is manufactured by the Crescent Furnace & Foundry Co., of Des Moines, Iowa. Their advertisement appears on page 32 of this issue. Write them for a more detailed description of their machine and mention The Homestead.

#### SEXSMITH'S SOW SALE.

On Wednesday, February 13th, Mr. Harry A. Sexsmith will make a public sale of high-class Duroc Jersey sows at his farm near Greenfield Iowa. He sells Valley Lady, a daughter of Reed's Banker. This is the sow that raised the great Ohio Chief litter, one of which won sixth place at Des Moines. She is a splendid sow and is bred to Crimson I Am, a son of Crimson Wonder. He also sells three choice Ohio Chief gilts out of this sow, all bred to Crimson I Am. Here is a great commingling of prize-winning blood, and the outcome should be all right. He also sells a Proud Advance yearling out of the great Nan Orion, bred to King Top Notcher. Orient Maid is also a daughter of Proud Advance out of Vernie H. S., a half sister to the dam of the great Ruberta. He sells three good Stout's Advancer gilts out of Minnie Watson, the best sow he ever owned, bred to Valley Chief, a son of Ohio Chief, and Crimson I Am. Other sows are bred to H. A.'s Choice Goods 51197 and King Top Notcher. Mr. Sexsmith is putting up a splendid offering, and they carry the blood of the most noted winners. We do not hesitate to urge our readers to attend his sale because we know he has some of the best.

#### FRED STRONG'S SOW SALE.

On February 14th, Mr. Fred Strong will sell Duroc Jersey sows from his Sunny Slope herd, at Orient, Iowa. Mr. Strong breeds the good ones and his offering is first class and is bred in the purple. He will sell daughters of Ohio Chief, Proud Advance, Harding's Proud Advance, Stout's Advancer, Keep On, Brighton Wonder, Perfection Chief, W. L. A.'s Choice Goods, Tom Watson and Top Notcher Chief. They will be bred to Valley Chief 51095, a son of Ohio Chief, and F. A.'s Choice Goods, a son of W. L. A.'s Choice Goods. He sells old Missouri Girl, a daughter of Tom Watson, bred to Valley Chief, also Lucy Brooklyn, a daughter of Top Notcher Chief, junior champion at St. Louis; dam a litter sister to Proud Advance, and the sow that topped the Johnston Bros. & Newkirk sale last winter. He also sells a good daughter of Proud Advance, bred to a son of Crimson Wonder. Lady Chip is a daughter of Orion Chip, and she is bred to Valley Chief for an early litter. He sells a good Ohio Chief gilt bred to a son of Crimson Wonder; also a gilt by Stout's Advancer. Harding's Proud Advance, Harding's Improver, Belle's Red Chief and Keep On. It is an up-to-date offering in every respect. Send for catalog at once and mention The Homestead.

#### IRA JACKSON'S DUROC SALE.

The blood of Orion Chief and Kruger predominates in the Duroc Jersey offering of Mr. Ira Jackson, of Tippecanoe City, Ohio, to be sold on Wednesday, February 13th. That this blood is desirable in Duroc Jerseys is evident from the fact that during the past year, 1906, Mr. Jackson won more first prizes at the Iowa and Illinois State Fairs than any other exhibitor. It was the mating of the blood of Orion Chief with that of Kruger, and vice versa, that enabled Mr. Jackson to secure these prizes. Both of these noted boars were winners at the World's Fair, Orion Chief winning first in class and Kruger second in his class. In our issue of last week we referred to some of the best breeders in the middle West who are using boars of Mr. Jackson's breeding in their herds. These breeders have seen and know the value of using at the head of their herds, boars which have the individuality and ancestry to produce the best type of Durocs. Do you wish to improve your herd? Are you in need of new blood in your herd? If either condition confronts you it should be your intention to get the blood which produces the stock of that quality, size and finish which wins at the strongest shows of this country. We wish to call the attention of our readers to another fact regarding this offering which is vitally important to everyone. There are no bad feet in the entire offering. Mr. Jackson will not offer this kind of stock for sale, nor will he have it in his herd. The offering is uniform throughout, and every individual listed is worthy the consideration of every breeder. Mr. Jackson's sale follows that of Messrs. Watt & Foust, at Dayton, on Tuesday, February 12th. The traction cars stop in front of the farm, so that there are no long drives

to make. Free accommodation for all breeders from a distance at the Phillips House in Dayton. We especially urge readers of this paper to be present sale day, feeling confident that the offering will please the most discriminating buyers. Bids sent to Mr. D. M. Pierce, in care of Mr. Jackson, will be properly handled. Write at once for catalog as per the advertisement on page 56 of this issue, kindly mentioning this paper.

#### THE "ONLY WAY CIRCUIT" OF DUROC SALES.

We wish to call attention to the announcement on page 40 of this issue of the "Only Way Circuit" of Duroc sales which will be held at Elwood, Dwight and Odell, Ill., on February 19th, 20th and 21st. This circuit is made up of breeders residing on the

What Mr. Baxter has done, others can do. The offering this year is a better one than the previous ones from these good herds, and everyone can find what they want. There will be six fall yearlings and thirty-five spring gilts. The boars in use in these herds are worthy of special mention. Auditor D. was the second-prize boar pig under six months at the Illinois State Fair, 1906. Two of his litter mates are included in this offering and many of the sows are in pig to him. What you say is, in the opinion of the writer representing The Homestead, the best son of Proud Advance to be found anywhere. He is out of an Orion sow, and since both his sire and grandsire, two of as good boars as the breed ever produced, are dead, sows bred to him should find ready sale among the best breeders. Double Track is another of the herd boars in use in these herds. He

Notcher. His dam is Rose O'Grady, one of the best sows in the herd of Mr. F. M. Erschen. Much of the offering of Messrs. Taylor & Morris are bred to this boar. Messrs. John Schroterberger & Sons are using a boar called Archer. He is one of the best sons of Ambition, the phenomenal yearling in use in the well-known herd of Messrs. Thomas & Hogsett. Archer was in the litter which won third as get of boar at the Illinois State Fair, and the bulk of the offering of this firm have been bred to him. With the exception of three litters all of the offering of Messrs. Schroterberger is sired by Perfection J. K., he by Allison Jr. Perfection, and out of Owance Belle, the sow which has produced so much good stock in the herd of Messrs. Kraschel & Son. The sale will be held at the residence of Mr. Taylor, three miles northwest of Dwight, and the train service is such that breeders can easily reach this sale from the sale the day previous at very small expense. Further particulars regarding this offering will be given in these columns next week.

#### THIRD DAY, FEBRUARY 21ST.

On the third and last day of this circuit Mr. F. M. Erschen, of Odell, Ill., will offer to the public an unusually good lot of Duroc sows representing the tops of his herd. Mr. Erschen has been a liberal buyer during the past few months from the best herds of the country and the quality and breeding of the offering will please the most discriminating buyer. Thirty-five head make up the offering, three two-year-olds, seven yearlings and twenty-five gilts. They are bred to such noted boars as Hanley II., he by None Such, the sire of the noted breeding and show boar at the head of the noted herd of Messrs. McNeil Bros., Indiana Boy, Long Duke and Frank's Choice. Two very good yearling sows which go into the sale are sired by One Such, he a half brother to Hanley, both being sired by None Such. Several are sired by Comet, he one of the best sons of the International winner, Gold Finch, now at the head of the good herd of Mr. Harry Riggan, at Petersburg, Ill. In our next issue we will have more to say regarding this good offering, but wish to advise our readers to secure a catalog at once. Plan to attend all the sales in this circuit. They are so located that breeders can make all of them at very little expense and the offerings which have been selected will be found in keeping with the best which have gone under the hammer this year. Mr. D. M. Pierce, representing The Homestead, will be present at all of these sales, and bids sent to him will be properly handled. Write for catalogs at once, kindly mentioning The Homestead, as per the advertisement on page 40 of this issue. Further particulars will be given in these columns in our next issue.

#### CHAPEL HILL BERKSHIRES.

Readers of The Homestead who are desirous of securing the large, growthy, heavy-boned, long-bodied, deep-sided Berkshire brood sows will find a splendid lot of this type and character for sale at Chapel Hill Breeding Farm, owned by Mr. Wm. D. McTavish, of Coggon, Iowa. Mr. McTavish is one of the older, as well as one of the most reliable breeders of Berkshire swine in the West. As evidence of his standing we might state that he is at the present time president of the Iowa State Swine Breeders' Association, also secretary and treasurer of the National Association of Expert Judges of Swine. At the present writing he has a splendid lot of gilt-edge Berkshire sows for sale at the modest price of from \$35 to \$50, guaranteed safe in pig. As evidence of the esteem in which these 300-pound spring gilts are held, we might state that wherever they have been shipped out Mr. McTavish has received splendid endorsements from those receiving them. We reprint below a letter from one of Mr. McTavish's customers at Pueblo, Colo., in reference to a male pig sent to him recently. The letter reads as follows: "Pueblo, Colo., Dec. 26, 1906. Mr. Wm. D. McTavish, Coggon, Iowa. Dear Sir: That you may know how the last pig you sent me turned out, I wish to report that at our Colorado State Fair he won first in his class, championship of the breed and grand championship; with the yearling gilt from the Enterprise sow and two other gilts that I raised, I won first on breeders' herd. His pigs are coming on now and they look right to me. He is a very long hog, with very short nose and an excellent back. Hoping that you will continue well and prosperous, I remain, very truly, Hubert Work."

#### WATSON'S BROOD SOW SALE.

Whenever Mr. H. E. Watson, of Edinburg, Ind., invites Duroc Jersey breeders to come to his annual sales they may rest assured that there is something good in store for them. Such is the case with the offering which has been selected for the forthcoming sale which will be held on February 23d, the day following Messrs. Harris & Sons' Commodore sale at Louisville, Ky., on February 22d. Mr. Watson has held several successful sales in the past, and the offering is of equal merit. In fact it is above the average, as it includes many of the best sows which Mr. Watson owns and has helped him to get to the high position which he now holds among the Duroc fraternity. His principal herd boar is High Chief, one of the best sons of Ohio Chief. A daughter of this boar was sold to Messrs. Harris & Sons, of Waverly, Ky., who in turn sold her to Mr. H. B. Griffiths, of Bowen, Ill., and in the latter's sale last week she sold for \$525, having been bred to Commodore. A number of the females in the sale are either sired by or bred to High Chief and should prove valuable additions to good herds. Mr. Watson is using a very good boar in his herd, Col. Scott, by Carl's Colonel, a full brother in blood to Prince of Colonels and a number of sows are bred to him. Others are bred to Watson's King, he by Perfect King, one of the boars in use in the herds of Messrs. Johnston Bros. & Newkirk, of Brooklyn, Iowa, and C. W. & Wm. Reed, of Rose Hill, Iowa. The offering is a select one, and the breeders who are in the market for valuable sows should write at once for catalog as per the announcement on page 34 of this issue. Mr. D. M. Pierce, representing this paper, will be present at this sale and bids sent to him will be properly handled. Further particulars regarding this offering will be given in these col-

## OWE THEIR RESULTS TO THE HOMESTEAD.

LIVE STOCK ADVERTISERS FIND THAT NO OTHER MEDIUM SELLS SO MANY ANIMALS.

MR. George H. Lawshe, of Harlan, Iowa, breeder and shipper of Improved Chester White swine, reporting his sales at the beginning of the season, writes:

"I have had an extra nice trade this season, selling a large number of animals at good prices. I carried an advertisement in another publication, from which I received just two inquiries but no sales. All the rest I can trace to The Homestead and your Mr. White. Many thanks for the excellent service."

Mr. J. S. Golder, of Scribner, Neb., breeder of Percherons, writes:

"Please change my advertisement. Have sold everything in the mare line, several head going to Iowa parties. Have also enjoyed a good trade in stallions."

Messrs. H. C. Dawson & Sons, of Endicott, Neb., breeders of Poland China hogs, write:

"Send us your bill to date. We want the advertisement stopped for a while to catch our breath a few weeks. Have sold over 150 head so far and expect to sell 100 sows by March."

Messrs. J. R. Mills & Son, of Perry, Iowa, breeders of Percherons and Short-horns, write:

"Enclosed find my check for \$100. We are well pleased with the sale—had only one fault to find, we did not have stock enough to supply the buyers. We thank The Homestead, for it was your advertisements that brought the buyers."

Chicago & Alton railway, within a short distance of each other and they have selected the tops from their good herds for these sales. They have been liberal purchasers from the best herds and have wisely mated their stock so that breeders may feel assured that they will not be disappointed in the offering. The blood lines represent some of the most noted families and the stock is individually of the high character demanded by the best breeders. We are pleased to recommend these gentlemen and their offerings to readers of The Homestead in search of good Duroc Jerseys.

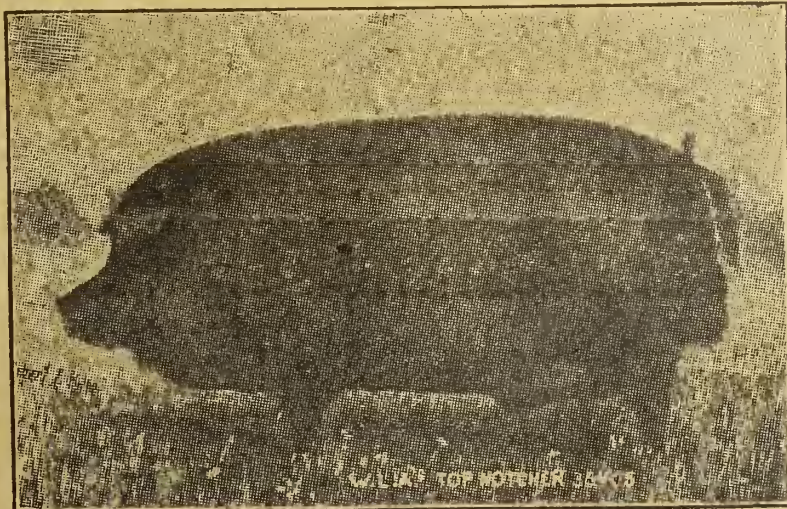
#### FIRST DAY, TUESDAY, FEBRUARY 19TH.

Messrs. E. H. Deal & Son, Fred Schweizer and J. G. Norton, of Elwood, Ill., are the consignors to this sale. They have held several sales and have sold stock to the best breeders, much of which has been retained in their herds, while others have thought well enough of stock bred by these gentlemen to consign it to their sales bred to their noted boars. A very good instance of this kind is that of Mr. Ed. A. Baxter. Last year Mr. Baxter topped this sale and secured a very good sow in Red Carnation, a daughter of Ely's Improver. She raised a litter of pigs and was bred to the noted boar, Buddy K. IV., and sold with a litter at side in Mr. Baxter's fall sale for \$410, topping the sale.

is a son of Echo King and his dam is Belle Nebraska, she by Red Chief I Am and out of Nebraska Belle. A sow bred to this boar will prove a valuable addition to any herd. Fashion Boy by Stoner's Improver and out of the International winner, Daisy Muller, has proven himself a valuable sire, and a number of sows in the sale are either bred to or are sired by him. There are two other boars in use to which some of the sows are bred, King Ely by Ely's Improver, he the sire of Red Carnation, and Chancellor, he by Comet by Gold Finch. The breeding and individuality of the sires of this offering and the boars to which they are bred cannot be excelled and we are pleased to recommend it to our readers. Further particulars will be found in our next issue.

#### SECOND DAY, FEBRUARY 20TH.

Messrs. Taylor, Morris and Schroterberger & Sons have joined hands in this sale and have taken from their herds only the tops. These breeders are among the younger members of the Duroc fraternity, but have selected and mated their stock so that no one will regret having been at their first annual sale. The offering is made up of forty head, one yearling, five fall yearlings and thirty-four gilts. Messrs. Taylor & Morris, own one of the best sons of Tip Top Notcher the writer has seen. He has been recorded as Illinois



W. L. A.'s Top Notcher illustrated above was used with much success in the herd of Duroc Jerseys owned by Messrs. W. L. Addy & Son, of Parnell, Mo. They have listed for their sale on Friday, February 22d, a strong lot of fall yearlings got by this boar and bred to their great breeding boar, W. L. A.'s Choice Goods. See page 43 for advertisement of their sale.



# PILES

## FISTULA--NO MONEY TILL CURED

Sam Ganz, General Manager United Cigar Store Co., Chicago, Ill.

Writes October 29, 1904: "It gives me great pleasure to testify that since you treated me for Fistula about twelve years ago, I have experienced no trouble of any kind and consider myself perfectly cured. I can conscientiously recommend your treatment and will swear to your reliability."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed .....

Town..... State.....

umns next week. We wish to call attention, however, to the fact that eight fall boars, the pick of the September pigs by High Chief, will be included in the offering. This is an unexcelled opportunity to secure a show boar for next year.

### N. C. BASSETT SELLS POLANDS.

On February 20th at Brookside Farm, one mile east of Farlin on the C. M. & St. P. between Jefferson and Lohrville, Iowa, Mr. N. C. Bassett will present to his brother breeders and farmers a choice collection of Poland China females. The selection should prove a very attractive one to buyers, since it combines very choice breeding with superior individual merit. There should be something in this sale for everybody that is looking for members of this breed. Those after something mature would certainly find some good picking in eight tried sows principally of the Perfection breeding. Many of these will have produce in the sale which will speak for their ability as breeders. There will be eighteen head of fall yearlings, and among them there certainly will be some choice ones. They are of the large, roomy kind and are sired and bred right. Twenty-four head of very fancy spring gilts complete the offering, and as they are well grown and of the big, vigorous kind, they should go quick. The spring gilts are from large litters and are typical of the breed in every way. They are in splendid condition, as in fact is the case with all the offering, and we advise those of our readers who are looking for something good in this breed to send at once for a catalog to Mr. N. C. Bassett, addressing him at Jefferson, Iowa. Kindly mention The Homestead when so doing.

### TETER'S DUROC SALE.

Mr. J. A. Teter, of Remington, Ind., invites the Duroc breeders to be present at his annual brood sow sale which will be held on Monday of next week, February 11th. It is with a feeling of pride that Mr. Teter invites breeders to visit this sale, for he has selected the tops from his good herd for this occasion. This means something, for Mr. Teter has been one of the most successful showmen to be found anywhere. He was the owner of Top Notcher Again, a World's Fair winner, a boar which has done much for the good herd of Mr. H. S. Allen, of Russell, Iowa. Included in the offering which Mr. Teter has selected are a number of show sows. Particular attention is called to the yearling prize-winning sow, Clover Blossom 1st. This great sow was sired by Crimson Top, dam Clover Blossom, by Kan't Be Beat. Clover Blossom 1st was champion and grand champion sow at Michigan State Fair, Detroit, 1906, second at Indiana State Fair and third at Illinois State Fair, 1906. She is safe in pig to the noted prize-winning boar, Golden Chief. This boar was second at Indiana State Fair and is the sire of much of the good stock included in the sale. Four other state fair prize-winning sows are included in this offering and should attract the attention of discriminating buyers. At three state fairs of 1906, Illinois, Indiana and Michigan, as strong shows as the breed produces, Mr. Teter won twenty-nine prizes, including two grand champions, three champions, ten firsts, nine seconds and six thirds. Many of the animals which won the above prizes are included in this sale. Readers of this paper who intend to be present at the Ohio sales should arrange to go by way of Mr. Teter's at Remington. Railroad accommodations are such that all can reach Dayton, Ohio, the next morning in plenty of time for Messrs. Watt & Foust's sale. Bids sent to Mr. D. M. Pierce will be properly handled. Plan to be present sale day. Catalogs will be sent free to all who write as per the advertisement on page 48 of this issue. Kindly mention The Homestead when writing.

### PODENDORF'S IOWA SUNSHINE SALE.

On February 23d, at Logan, Iowa, Mr. A. J. Podendorf, one of the best breeders and one of the greatest showmen in the state of Iowa, will sell forty head of choice Poland Chinas. There will be thirty head of bred sows and ten fall pigs. Among these fall pigs, all of which are sired by old Iowa Sunshine, are some great prospects for show material for next year. In matured sows he is selling some of the very best he has in his herd. Some of the older sows are dams of some of his prize-winning litters. No. 1 in catalog will be Lena Pet, one of the most useful brood sows to be sold this winter. She is a very large sow, always farrows large, even litters and raises them. Her pigs have been winners at Iowa and Nebraska State Fairs. Several of the best sows in the sale are her daughters. Another very attractive sow is U. S. Lady by U. S. Perfection, he being a litter brother to Happy Perfection, the sire of Ed. Klever's Thicket. U. S. Lady breeds more quality than any sows he will sell or have, and we doubt if as good a breeder will be sold this winter. She is the dam of the second prize gilt at Iowa State Fair in 1905. She is also the dam of Iowa Beauty, the sow that won two years in succession at Iowa State Fair. Another great sow is Tec. Bell 2d by Chief Tec. Beauty by Chief Tec. 3d, dam Lora Pet. This sow is a great brood sow. She farrows very large litters and raises them. She is the dam of the great litter Mr. Podendorf sold in his sale in 1905. Another great sow is Iowa Pride by Iowa Sunshine. As a show sow she carries to her credit three Iowa and Nebraska State Fair ribbons of 1905 and one at Iowa State Fair of 1906. She will make a great brood sow. Mr. Podendorf is fitting some of her pigs up for state fair of 1907. Her litter sister, Iowa Pride 2d, is an Iowa and Nebraska State Fair winner in 1905 as a brood sow. He will put in some fall pigs to show what she can produce, and considers one of her fall pigs the best fall boar he ever bred. Some think him a better pig than Sunshine Finish, the pig that Mr. Podendorf won second on at Iowa

## Podendorf's Great Iowa Sunshine Poland China Sale

Logan, Iowa, February 23, 1907

# 40 Head, 30 bred sows, 40 10 fall pigs

I am selling some of my best show sows and some of the best daughters of old Iowa Sunshine, the greatest sire of prize winners in the state of Iowa. There will be daughters of Perfection E. L., Iowa Sunshine, Proud Perfection and the great Mischief Maker in the sale. I am also selling some great fall pigs by Iowa Sunshine that will make show material. One of these is the best prospect I know of for a show boar next year. Also a gilt that is a show prospect. Write me at once for catalog. Address,

## A. J. Podendorf, Logan, Ia. Col. Jensen, Auctioneer

Send bids to M. T. White, Homestead representative, in care of Mr. Podendorf.

three by Lora Pet. Almost the entire offering are heavy in pig. You take no chance getting sows that are not in pig. Write for Mr. Podendorf's catalog and mention The Homestead. If you cannot be there, send your bid to Mr. M. T. White, Homestead representative, in care of Mr. Podendorf.

### PUCKETT & GRINNELL SALE.

Friday, February 15th, the day following the Whitehall combination sale at Yellow Springs, Ohio, Messrs. Puckett & Grinnell will sell fifty head of richly-bred Durocs. Very few offerings have animals included that carry as much of the blood of Ohio Chief as does the sale of Messrs. Puckett & Grinnell. The breeder who is in search of Ohio Chief blood should by all means be present at this sale. The great hog, S. S.'s Success 13519 (A.) by S. S.'s Col. 9765 (A.) by Ohio Chief 8727 (A.), dam Woods Lady II. 23682 (A.) by Col. C. 9377 (A.) by the great Walt's Col. 5795 (A.), has proven his great worth as a breeder and is an extra fine individual and shows how Ohio Chief's get breed on. Many choice sows will be sold State Fair in 1906. The gilts in this sale are large; a number will weigh 300 pounds by sale day, and are as smooth a bunch as ever walked through the sale ring this winter. Among them are two by Iowa Sunshine and out of Pig Girl that are very large, smooth as a ribbon. Another is a litter sister to Sunshine Finish, the boar pig that won second at Iowa State Fair in the under six months class in 1906. She is a show sow and will make a great brood sow. She shows heavy in pig by Western E. L. Two other sows are by R. O. Klever and one bred and heavy in pig by Iowa Sunshine. Other good sows are two by Tec. Bell 2d. Other good sows are two by Tec. Bell 2d. In this sale by this great sire and others are bred to him, and then to crown all he is a winner at Indiana and Ohio State Fairs. Chief's Model 7307 (A.) (by The Model 13427 (A.) by Morton's Model 7539 (A.) by Orion II. 6537 (A.) by Orion; dam Chief's Belle V. 30982 (A.) by Ohio Chief 8727 (A.). is another good male that is surely bred right and is right as an individual. Other males in use are S. S.'s Col. 9765 (A.) by Ohio Chief 8727 (A.), Puckett's Chief 14205 (A.)

SIRE	Dandy Rex 71689.....	Lamplighter 51834.....	Don Carlos 33734...	Anxiety 4th 9904
			Lady Bird 3d 31101.	Dowager 6th 6932
Rex Premier 145572....	Pretty Lady 16th 56707	Daisette 7th 61541.....	Don Carlos 33734...	North Pole 8946
			Daisette 2d 33733..	Lady Bertha 4th 9861
Iowa Donald Premier 187137	Beau Donald 58996.....	Beau Brummel 51817.	Don Carlos 33734...	Anxiety 4th 9904
			Belle 24629.....	Dowager 6th 6932
Calved January 1, 1904. Bred by W. H. Curtice, Eminence, Ky.	Lily Princess of Pine Park 46199.....	Pretty Lady 3d 27451..	North Pole 8946....	Anxiety 4th 9904
			Prettypaid 9th 7737	Dowager 6th 6932
Belle Donald 57th 121480	Dona 33735..	Beau Brummel 51817.	Don Carlos 33734...	North Pole 8946
			Belle 24629.....	Beau Ideal 8th 9949
DAM	Lily Princess of Pine Park 46199.....	Earl of Pine Park 41080	Anxiety 4th 9904...	Mars 12th 4462
			Lily Princess 26729..	Creamy 8947
Owned by JOHN SECOR, Mechanicsville, Iowa	Lily Princess 26729.....		Prettypaid 4th 5266	The Earl 2d 4633
			Don Carlos 33734...	Prettypaid 4th 5266
			Belle 24629.....	Anxiety 4th 9904
			Anxiety 4th 9904...	Dowager 6th 6932
			Dowager 6th 6932..	North Pole 8946
			Earl of Shadland 9th 16900.....	Beau Ideal 8th 9949
			Lily Princess 26729..	Garfield 7015
			Prince Edward 7001	Bramble 2d 6948
			Pickle Lilly 6019...	Prince Edward 7001
				Pickle Lilly 6019...
				Lord Wilton 4057
				Lilac 7002
				Prince of the Wye 1511
				Mattie 1910

## 36 Richly Bred Durocs 36 At Auction

At My Farm Near Seward, Nebraska

# FEBRUARY 20, 1907

Twenty good, growthy fall yearlings, five aged sows and eleven spring gilts, bred to such boars as Fashion Improver, one of the best living sons of Improver II. Jr., champion first prize pig at Ohio and New York State Fairs last fall. My sows represent the best blood known to the breed. Write for catalog and come to the sale. Send bids to Ray Page, who will represent this paper.

## S. P. BRIGGS, Seward, Neb.

by Ohio Chief 8727, and Ideal Success 18687 (A.) by S. S.'s Success 13519 by S. S.'s Col. 9765 (A.) by Ohio Chief 8727 (A.) The offering embraces the blood of Kan't Be Beat, Top Notcher, Veribest, Lucy Wonder, Dutchess 40th, Variety, etc., and among the attractions are many descendants of Ohio Chief. One daughter of Ohio Chief is O. C.'s Variety V. 33134, with the Orion and Col. M. cross. She is thin in flesh, but an extra good sow and should command breeders' attention. This good sale follows the Yellow Springs sale and should be attended by all who attend the great Ohio circuit. Bids sent to Mr. D. M. Pierce will be properly handled. See advertisement on page 56 and write for catalog, kindly mentioning The Homestead.

### WHITEHALL DUROC SALE.

In our last issue we called the attention of our readers to the combination sale of Duroc Jerseys which will be held at Yellow Springs, Ohio, on Thursday, February 14th. The writer representing this paper has carefully inspected each consignment which goes into this sale, and is pleased to recommend

the stock as worthy of a place in the best herds. Mr. S. E. Morton, of Camden, Ohio, sends forward a bunch of yearling and apring gilts which are rich in the blood of Ohio Chief. It is the best lot of Durocs which Mr. Morton has ever put into a sale and includes much show material. Mr. Fred Bauer, of Eastwood, Ohio, sends forward a bunch that will appeal to buyers wanting the best. Mr. E. S. Kelley, of Yellow Springs, Ohio, at whose farm the sale is held, includes some of the best gilts of the season's crop. They are aired by the noted boars in use in this herd and will do well for their new owners. Mr. C. E. Sparks puts in a fine draft from his herd, and those who have been present at other sales held at Whitehall will know that Mr. Sparks has only included the tops of his herd. Messrs. Fogg & Black fill out the balance of the offering with good stock from their herd. We wish to call attention to one important fact in connection with this sale and correct an impression which prevails in the minds of some of the breeders. This sale is not held to dispose of a lot of tail end stock, but is a combination of the breeders of Ohio who have stock for sale, yet not enough for each man to hold a public sale of his own. It is the top stock, and the sale gives the breeders of the central West an opportunity to secure well-bred stock of show-yard individuality without visiting the several herds. This sale follows that of Mr. Ira Jackson, of Tippecanoe City, Ohio, and can easily be reached by either the traction line or steam road. Look up the advertisement on page 56 of this issue and plan to be present at the entire circuit of sales. Bids sent to Mr. D. M. Pierce, in care of Whitehall farm, Yellow Springs, Ohio, will be properly handled. Kindly mention The Homestead when writing.

### DEWITT'S POLAND CHINA SALE.

A public sale of Poland China brood sows will be held at the Clappett barn, Russell, Iowa, on February 13th, when Mr. A. W. DeWitt will sell thirty head. He will sell a few matured sows, all tried brood sows, yearlings and spring gilts. The most of these will be sired by Honest John 99583, possibly the best breeding boar ever owned by Mr. DeWitt. The rest will be sired by Young Jumbo 2d 106305 and Buroak King 90377. They are all bred to Exception, a grandson of old Expansion, and a hog with lots of size and plenty of bone. He has also used A. W. Standard on these



February 7, 1907.]

# Greatest Brood Sow Sale of the Year

Attention is called to the great Royal Purple Brood Sow Sale.  
**Louisville, Kentucky, Friday, Feb. 22, 1907**

One of the greatest lots of sows ever passed through sale ring. **ATTRACTIONS**—Useful Bess by Top Notcher 8803, possibly the last sow by him to be sold in the sale ring; Orion Miss by Orion; Jim's Lady by Junior Jim; Grace F. II. by Ed's Col.; Anne Belle by Sure Winner; Kant's Belle by Kant's Be Beat, all bred to Commodore, king of the breed. Commodore Best, bred to Ed's Col.; Commodore Lady; Commodore Lass, all by Commodore and bred to the great Top Notcher X., one of the best breeders in the land. Other great sows bred to Commodore, Top Notcher X., Ed's Col., Ky. Col. II., Chilton's Col. and other noted sires. Send for catalogs and come to Louisville, Ky., meet the southern and eastern breeders and have a good time. Send bids to D. M. Pierce, in care of Hotel Willard, Louisville, Ky., and same will be honestly and fairly treated. The man who fails to get one of these great sows will always regret it, and lose money. Only a limited number of sows are bred to Commodore. The greatest opportunity of the year.



Commodore 13381, first and champion and headed first-prize aged herd at Illinois, Ky. and Tenn. State Fairs, 1907.

Cols. H. L. Iglehart and Tom Vinnedge, Auctioneers.

Amos W. Harris & Sons, Waverly, Kentucky.

sows and he is a son of standard Chief. Mr. Dewitt is offering a class of sows that are very prolific, having lots of stretch and size enough to suit both farmers and breeders. He is offering a good, practical lot of brood sows, and they are the kind that will make money for those who buy them. Write Mr. A. W. Dewitt, Russell, Iowa, for a copy of his catalog and then go to his sale.

## THE MCCLURE REAL ESTATE AGENCY.

In Des Moines this name stands for reliability, for it is a firm that has been in business in the city for years and is considered perfectly reliable. They have a list of farms located in almost any section of the West, that is unsurpassed by any other firm. They would be glad to correspond with you regarding any of their farms and will guarantee a "square deal." The Homestead Company wishes to call the attention of its readers to their advertisement which appears on page 27 of this issue.

## ARNTZ EYE CURE.

Mr. Lew Arntz is an optician of the city of Des Moines and has been for many years. He has been so successful in his line that at the present time he can boast of one of the largest practices in the city. At the urgent request of his many satisfied patients he has put on the market a remedy for the cure of granulated and ulcerated eye lids. If you will write him he will send you absolutely free of cost his book of testimonials and a sample bottle. Send ten cents for postage. Address the Arntz Optical Company, 150 Sixth Ave., Des Moines, Iowa. Please mention this paper. His advertisement appears on page 34.

## AN ORION-DANDELION SOW SALE.

One of the great hogs that has been used in southern Iowa is Orion Dandelion, the sire of Nan Orion, that made Mr. Geo. R. Mansfield famous. He is also the sire of several other great sows, and the Orion-Dandelion sows have always been great producers. At Corning, Iowa, on February 12th, Messrs. Harrison & Robinson, of Prescott, Iowa, will make their annual brood sow sale. They will sell twenty fall yearlings and 30 choice gilts. Sixteen of these will be sired by Orion-Dandelion, he having been used at head of these herds before he died. Others will be sired by I Am Crimson Wonder 41023, a grandson of Nebraska Belle. Some are sired by Improver Choice 48075, a son of Improver II., and some are sired by Proud Advance and Kant's Be Beat. Besides these are some by Red Prince II., and The Lad For Me. They are bred to O. E.'s Chief 55471 and Chief of Hazeldell 55469, both sons of Ohio Chief; Perfection Advance, a son of Proud Advance; I Am Crimson Wonder, a grandson of Nebraska Belle; Improver's Choice and Orion Dandelion II., the best son of old Orion Dandelion. If you are looking for Orion Dandelion sows, the blood that has made many Duroc Jersey breeders famous, then attend this sale and buy them. Send for their catalog and mention The Homestead. Address Harrison & Robinson, Prescott, Iowa.

## J. O. JAMES' BIG POLANDS.

One of the great Poland China sales that will be pulled off in southern Iowa this year is that of Mr. J. O. James, at Bradyville, Iowa, on February 23d. Mr. James breeds the great big, long-bodied, big-boned kind of Poland and no man has a better herd of their kind nor a better offering to go through a sale ring. He sells forty head, twenty yearlings and fall gilts, seventeen spring gilts and three matured sows. At the head of the James herd is the great big boar, Pawnee Lad, and no large hog in the state has a better reputation for size, nor for the siring of extreme size, length of body and large bone. He is selling fifteen Pawnee Lad sows in this sale and fifteen Big Prospect gilts. Among his good, matured sows to be sold is Rose Perfection by Proud Monarch, dam Rose Allerton by Allerton Tecumseh. She is bred to Pawnee Lad for March 10th farrow. She is a most excellent brood sow and three of her litter averaged ten in each. She is a large sow and will have a spring gilt in the sale by Pawnee Lad. Miss Nemo L. by Nemo L's Dude is another good sow in this sale. She is bred to Pawnee Lad for March litter. His old sows, May Price, one of the greatest brood sows, goes into the sale bred to Pawnee Lad. Also May Price 4th and May Price 5th, litter sisters to Rood's R's Pawnee Lad, stand at the head of the Fred Rood sale, and the boar he thinks so much of. Anna Price 4th was a year old last March, and if anyone wants a big one, here is where he can get her. She is bred to Big Giant, a son of Rood's Tecumseh by Big Tecumseh by Blain's Tecumseh. He also sells two goods sows in Anna Price 7th and Anna Price 8th, both bred to Big Giant. He also sells a corking good gilt by Paw-

nee Lad out of Lady Gianness by P. W. Perfection. Iowa Girl is a fall yearling by P. W. Perfection, the boar that sired so much of the stuff in the great Rood-Fessenmeyer sale. Some of these sows are bred to Nebraska Chief, a son of Pawnee Lad. If you are looking for the big kind, with great stretch of body and big bone, then go to the J. O. James sale. Write for his catalog and mention The Homestead.

## SECOND ANNUAL SALE OF POLAND \* CHINA BRED SOWS.

On the fair grounds at Algona, Iowa, February 15th, will occur the second annual sale of Poland China bred sows, the property of Messrs. H. H. Styer, of Whittemore, Iowa, and M. P. Dan, of Burt, Iowa. Those who attended their last sale know that this means a rare opportunity to secure the very best Poland Chinas in the country. There will be sold at that time fifty-one head, consisting of twelve tried sows, seven fall gilts, thirty-one spring gilts and one herd boar. The most of the gilts are bred to Robert Alert, which was a state fair winner. Some are bred to Meddler Jr., a son of the world's champion. The rest are bred to Klever's O. K., Keep On Style, Black Hawk and Spellbinder II. The sale will be held in the stock pavilion, so there will be no postponement on account of weather. Remember the place and date, Algona, Iowa, February 15th, at 1 o'clock. Address Mr. H. H. Styer, Route 2, Whittemore, Iowa, or Mr. M. P. Dan, Route 2, Burt, Iowa. Their advertisement appears on page 45 of this issue.

## LAST CALL FOR THE WM. RAY & SON POLAND CHINA SALE.

On February 9th, at the sale pavilion at Defiance, Iowa, Messrs. Wm. Ray & Son will sell forty head of choice Poland China brood sows. In this sale will be two daughters of the world's fair champion boar, Meddler, bred to their great young boar, Perfection L. & W. They also sell a daughter of Grand Chief Tecumseh 2d, the sensational Nebraska sweepstakes boar, and she is bred to Impudence 3d, one of the greatest sons of the Iowa State Fair sweepstakes boar, Impudence. They are also selling daughters of their old herd boar, Dakota Chief 2d, a son of the sweepstakes boar, Dakota Chief that headed their herd for a number of years. Others are sired by Happy Medium, Improver and other good hogs. The above firm are using two hogs that will pass the most critical inspection. They are Impudence 3d and Perfection L. & W. They are both sons of sensational winners and are splendid boars themselves. If you want a sow bred to one of these great young animals it will pay you to buy one or more of these sows. The offering is good, both in the way of matured sows and spring gilts. Be sure to write for their catalog and mention The Homestead.

## LAST CALL FOR THE VAN PATTEN DUROC SALE.

An opportunity to buy something good in the Duroc Jersey bred sow line is offered in the sale of Mr. Gilbert Van Patten, of Sutton, Neb., on February 14th. Mr. Van Patten has been one of the most successful breeders and showmen in the ranks of the Duroc Jersey fraternity. It was he who brought out the great show boar, Van's Perfection, the sweepstakes boar of three state fairs and a winner of ribbons three years in succession. Mr. Van Patten is the gentleman that purchased Tom Davis, the second-prize yearling at the Iowa State Fair and brought him to Nebraska and won first on him in same class. A great many of the top sows in the Van Patten sale are bred to this hog and the man who gets one of them will have something that by no means will be unprofitable to him. His other boar is Medoc, the hog that Mr. Van Patten has used with success for two years and has produced some of his best show animals. Both of these great boars have been bred to the sows in the sale and either would be a credit to head any herd in the business. The offering is not large, only thirty head being cataloged, but among them are show sows which should be sought for by leading breeders. Model C., a daughter of the great Billy K., and first-prize sow over twelve months at Nebraska this year, is one of the good ones to be offered. She is a sow of good size, carries a great broad back, good ham and side lines, very deep, good bone and extra good feet. She is bred to Tom Davis and would look well in any man's herd. Model B., a litter sister, was third-prize sow in same show and is almost as good a sow. She will also be sold bred to Tom Davis. Model E. is another of the same litter that deserves mentioning, and bred to the show boar, Tom Davis, should produce something very good. The two fall yearlings by Medoc, mentioned in the catalog, are extra good and are from the same dam

in their class at the Nebraska State Fair that the three already mentioned are. They were good enough to win third and fourth last fall and they are good prospects for show another year. They are both safe in pig to Tom Davis, which should produce something worth looking up. It is not very often that a man gets a sow that will produce show stuff from different boars, but such is the case in Rose Bud Lady. She is the dam of the three great prize-winning yearlings already mentioned, also the dam of the two fall yearlings. She is bred back to Medoc and will be offered for sale. If you are looking for a producer, don't quit bidding on this sow, as she is a money maker at any reasonable price. There are several sows in this sale that breeders should go after. If you cannot be present, send a bid to Mr. Ray Page, of The Homestead, and it will be properly handled. Catalogs are now ready and should be in the hands of every lover of good Durocs. Write for one at once and mention The Homestead.

## BERGREN'S SOW SALE.

On February 22d, at Stanton, Iowa, Mr. E. N. Bergren will sell forty head of Poland China brood sows. Mr. Bergren has one of the best bred herds in Iowa, and he is putting in a splendid offering of sows in the sale. They are made up of fall yearlings, matured sows and spring gilts. Two of these are daughters of G's Perfection, out of Lady I Know by Perfect I Know. One is bred to Stunner, his prize-winning herd boar, the other to Peerless Perfection. He sells a good Big Perfection sow, also bred to Stunner. One of his best brood sows is Model U. S. by U. S. Chief 2d, and she is bred to Stunner for February farrow. Hoosier Girl 3d, a daughter of Charmer Chief and Queen of Spades, a daughter of Col Mack, are both bred to Stunner and both of these are good brood sows. The gilts are sired by Prospector by Big Prospect, Big Klever, Shamrock, Long Wonder, Extension, Peerless Perfection and Big Perfection. Stunner 107149, is a son of Black Sunshine by Black Perfection by Chief Perfection 2d, dam Stehlin's Choice by Perfection E. L. He was shown at Des Moines, where he got in the winnings, also at several other fairs. He is bred to many of the sows in the sale, and a sow bred to him is strictly all right. Cantrell's Corrector is a son of Corrector 2d out of Wine On by the great Keep On. He is also bred to some of the sows in the sale. The offering is a good one in many ways. There are sows in the sale that will please those who are after lots of size and also sows that have plenty of quality. Write for his catalog at once and mention The Homestead.

## LAST CALL FOR THE HESS & SONS SHORT-HORN SALE.

With this issue we wish to call the attention of our readers for the last time to the sale of Short-horn cattle to be held at the farm of Messrs. Hess & Sons, near Surprise, Neb., on February 12th. They are offering about forty head of choicely-bred animals. Some of them are straight Scotch and the balance have several good Scotch tops. Messrs. Hess & Sons have been breeding good Short-horns for several years and have not only looked for richly-bred animals, but have bred size and quality along with it. Today they probably have one of the largest herds of pure-bred cattle in this part of the state. Most of the young heifers and young bulls to be sold are the get of Golden Victor. His sire is a Luverne Cruickshank-bred bull, dam Emma 17th by Victor of Homewood, tracing back to Imp. Emma 3d. This great bull has been doing service in this herd for several years and his get are more sought for now than ever. He breeds an even, smooth type of Short-horn with plenty of size and quality. The cows in the sale are very large and of the low-down, blocky type and extra good milkers. They represent such noted families as the Rose of Sharons, Rose Strathallen tribe and among the top sires mentioned are Secret Valentine, Prince Ramsden, Imp. Cupbearer and many others of equal note. We are sure that these cattle will suit you, as they have the breeding and individuality combined. A nice catalog has been prepared and should be in the hands of every man who is interested in good Short-horn cattle. Come and put in the day with these gentlemen and they will treat you right. You will find free hotel accommodations and livery to and from the farm on sale day. Write for a catalog and mention The Homestead.

## August Voge's Duroc Sale.

On January 19th breeders and neighbors gathered at Portsmouth, Iowa, to look over

## ....JOHN JUSTICE....

Ankeny, Polk County, Iowa,

Will sell at farm, half mile from Quilhart Crossing, on D. M. I. F. & N. R. R., and one and one-half miles north of Berwick,  
**FRIDAY, FEB. 15, 1907.**

## 40 Duroc Jersey 40 Sows and Gilts 40

Sired by Proud Lad 35943, Billy K. Jr., Gilt Edge and others. Bred to Keep On and Advance boars. Send for catalog.  
 Col. C. E. Luther, Auctioneer.

the offering made at that place by Mr. Voge and paid generously for the numbers that were cataloged to be sold there. Mr. R. M. Skillen, of Greene, Iowa, topped the sale by paying \$212.50 for a gilt sired by Lafollette 36563 out of Panora Girl 71006. As will be seen by the following list of purchasers, a high average was maintained:

Lot.	Purchaser	Price.
1.	R. M. Skillen, Greene, Iowa...	\$212.50
2.	Aug. Sonneland, Harlan, Iowa...	197.50
3.	Hood & Baker, Dunlap, Iowa...	90.00
4.	J. R. Tupper, Woodbine, Iowa...	100.00
5.	Wellman Bros., Neola, Iowa...	48.00
6.	W. H. Waters, Woodbine, Iowa...	45.00
7.	Same .....	75.00
15.	Same .....	48.00
20.	R. J. Harding, Macedonia, Iowa...	75.00
21.	L. H. Roberts, Paton, Iowa...	100.00
22.	Hood & Baker .....	60.00
24.	W. A. Staples, Glidden, Iowa...	95.00
26.	John Weighton, Audubon, Iowa...	60.00
27.	Larson & Hemmish, Persia, Iowa...	82.50

## The Wonderful Success of O. L. CHASE, Individual Paint Maker of St. Louis.



No other paint maker in the country has stirred up the manufacturers in his line so much during the past twelve months as has O. L. Chase, Individual Paint Maker of St. Louis, manufacturer of the O. L. Chase Made-to-Order Paint. Individual Paint Making means making paint for each individual, making the paint to fill every order after the order is received. That is what Mr. Chase is engaged in doing. He has taken his stand against the "ready-mixed" paints which deteriorate in the can. O. L. Chase paint is ready to use but not ready mixed. He supplies his color pigments, freshly ground, in one can, his old process linseed oil in separate cans. That's the way they come to the user. The exact date of their making (Guarantee of absolute freshness) is stamped on every can. There is no chance in O. L. Chase Made-to-Order Paints, as in ordinary ready-mixed paints, for chemical action to eat the life out of the oil.

It is impossible to make too much of the matter of freshness in paints. Anyone interested in paint, maker, dealer or user, if he never appreciated that fact before, will do so when he reads the reasons given in the four pages of questions and answers in the Chase Fresh Paint Book. Here is an extract in the form of a guarantee from the current advertising of Mr. Chase, which assuredly speaks for itself:

### My \$100 Cash Guarantee

"I guarantee under \$100.00 Cash forfeit, that the paint I am offering you does not contain water, benzine, whitening or barites—and that my oil is pure, old-fashioned linseed oil and contains absolutely no foreign substance whatever."

Mr. Chase sells his paint on a most remarkably liberal plan. He has a special Spring proposition on price for 1907. Other paint makers have raised prices of paint. He has lowered his. He allows the purchaser to open and try two full gallons out of any six-gallon order or over, and to return the remainder if not satisfied, without paying a cent for paint used in test. In case of return, he pays the freight. He guarantees freight charges so that the buyer knows exactly what the paint costs him delivered.

Mr. Chase's paint book, entitled "My Fresh Paint Book," is certainly a remarkable work on the subject of painting and paints. A copy may be had by writing him for it. Address O. L. Chase, The Paint Man, Dept. 27, St. Louis, Mo. It is a good book for those who will be painting this Spring, to send for.



# "ONLY WAY" SALE CIRCUIT

## Three Days, Feb. 19-20-21, '07

These sales are  
all easy of access,  
being on the main  
line of the C. & A.

Attend the whole  
Circuit.  
Tops of three  
herds.

### ..... 120 HEAD OF BRED SOWS .....

#### TUESDAY, FEB. 19, 1907

E. H. Deal & Son, J. G. Norton, Fred Schweizer

ELWOOD, ILLINOIS

#### 45 HEAD OF BRED SOWS 45

Strictly tops of their herds. Three spring yearlings, six fall gilts and thirty-six spring gilts sired by and bred to the most noted boars of the breed. A large number bred to Auditor D., the pig we showed at Springfield, 1906, winning second in hottest competition ever shown there, "What You Say" 36591, one of the best sons of Proud Advance. Others bred Double Track and Chancellor. Sows sired by Double Track King Ely, Fashion Boy, Champion Paul, Golden Hero, Tip Top Notcher and others. Big, growthy, big boned gilts, the kind to grow and breed. Auctioneers: Reppert, Cunningham and Reeves.

#### WEDNESDAY, FEB. 20, 1907

W. J. Taylor, C. P. Morris, Jno. Schrotbeger

DWIGHT, ILLINOIS

#### 40 HEAD-1 Yearling-5 Fall Gilts- 34 Spring Gilts

bred to Illinois Notcher by Tip Top Notcher and Archer by Ambition. These sows are sired by Perfection J. K., by Allison Jr. Perfection; Sport by Big King. Five gilts out of Lady Alice by Proud Advance, her dam being Amy M. by Orion. Five litter mates to "What You Say"; two spring gilts by Buddy T.'s Best by Buddy T. Sale held at W. J. Taylor's, three miles northwest of Dwight, in heated tent. Col. Reppert, Auctioneer.

#### THURSDAY, FEBRUARY 21, 1907

F. M. Erschen,

#### 35---Head of Chocicely Bred Sows---35

Odell, Illinois

Three two-year-old sows; seven yearlings and twenty-five young gilts bred to Hanley II 50433, Indiana Boy 50435, Long Duke 44289 and Frank's Choice 35801. Sows sired by Comet, a good son of Gold Finch; One Such by None Such and out of Decatur Belle IV; Odell Boy he by King Wonder 14131; Dumont by Conodo C.; Choice Goods, he by Echo King and out of Decatur Belle II. The gilts are sired by Ohio Boy 107112, I. J.s Chief 12445, Corrector Boy and other good boars. Sale to be held three and one-half miles north of Odell. Everybody will be made comfortable. Cols. Reppert and McGowan, Auctioneers.

#### The John M. Morrison & Sons Duroc Offering.

The Duroc offering of Messrs. John M. Morrison & Sons which will be made at College View, Neb., February 12th, is a notable one. On that date half interest will be sold in the great show and breeding boar, Kan't Be Beat. It is rather an unusual thing to make an offering of this kind at public auction, but Messrs. Morrison have decided to do this in order that the blood of this great hog shall become more widely disseminated. This pig has won fifty-seven first and sweepstakes prizes out of fifty-eight showings, and his get have won eighty-one first, champion, grand champion and sweepstakes prizes. In this offering on February 12th will be found forty-one tried sows, yearlings and gilts bred to this notable hog. Of this number twelve gilts are by Ohio Chief out of prize-winning sows. The list offered includes such noted sows as Village Pride, Sheza Goodun, Crimson Lass of Cherokee and Sutton Lady. It will be remembered that Village Pride was a first-prize winner at Iowa and Nebraska and her dam, Parnell B., was also a winner. Sheza Goodun is out of Miss Box and sired by Crimson Wonder, the prize member of that great litter of last year from Miss Bob. She won both years in Iowa—in a class of 110 in 1905. Crimson Lass of Cherokee is a litter sister of Glendale Critic and a full sister of Crimson Wonder. Her blood lines are right and as an individual she is a choice one. Sutton Lady won second in Iowa in 1903 and is a dam of Van's Lady, first-prize sow at Lincoln in 1904, and dam also of Perfection Chief, the first-prize hog in the aged boar class in 1905 in Iowa and second at St. Louis as a pig. In the offering are several Ohio Chief gilts that are something extra. No. 10 in the catalog, for example, is out of Village Pride by Ohio Chief, while No. 11 is out of Royal Lass by the same sire. Another extra good gilt is out of Lady Top Notcher by Ohio Chief. This gilt carries two crosses of Ohio Chief. Throughout, the Morrison offering is something extra, not only in breeding, but in growthiness, quality and desirable characteristics generally. Catalog is ready and will be gladly sent on application. Address Messrs. John M. Morrison & Sons, College View, Neb., and please mention The Homestead when you write. Bear in mind that the date, February 12th, is near at hand.

#### Last Call for Ruebel Bros.' Great Sow Sale.

It is with considerable pleasure that we call Homestead readers' attention to the Poland China brood sow sale of Messrs. Ruebel Bros., at Rockwell City, Iowa, on February 12th. It is a decidedly high-class offering, and one that will commend itself to all lovers of good Poland Chinas. It is a large offering, there being sixty-six head in the sale. It is a richly-bred offering, there being two daughters of Chief Tecumseh 3d in the sale, a couple of daughters of Chief Perfection 2d, Keep On, Mischief Maker, Pilatis Chief, and other high-class sires. A great many of the gilts are sired by R's

Keep On, a son of the great Keep On, and a half-brother in blood to the great On and On, Prince Alert, Impudence and Keep Ahead, four state fair sweepstakes boars. He is bred to a great many of the sows in the sale. Some of the gilts are sired by Iowa Chief, a son of old Thickset. The R's Keep On gilts are mostly bred to their great young boar, Moderator, that Mr. John Blain selected for himself after visiting over thirty Poland China herds. The two Chief Tecumseh 3d sows are grand good ones. One of these is one of the best daughters of that famous old boar, and she is bred to Moderator. They are selling two good Chief Perfection sows that any breeder could afford to own, one bred to R's Keep On, the other

to Iowa Chief. Besides these are daughters of Proud Perfection Jr., Iowa Sunshine, Country Gentleman and other good boars. They also sell Ware's Darkness, a daughter of Perfect Darkness, purchased of Mr. Ed Ware, and she is bred to Iowa Chief. The offering is the best Messrs. Ruebel Bros. have ever sold from their herd. It is an offering that combines size and quality, ample home, with enough finish to satisfy any of our best breeders. Write for their catalog and go to their sale. Kindly mention The Homestead when writing.

#### Buy a Sister to Ruberta.

In the S. P. Freed Duroc Jersey sow

sale at Ames, Iowa, on February 11th, will be sold five full sisters to the great sow, Ruberta, that recently sold in the F. E. Garrett sale for \$1,500. These gilts are sired by Tientsin and are out of Ruth G. II. by Fairview Chief. Tientsin was a son of Tolstoy and is therefore a half brother to the great Crimson Wonder. Ruberta was the first-prize yearling sow at the Iowa State Fair. There are two gilts in this litter that are as good at their age as was Ruberta. Four of these are bred to Manley Orion, a prize winner at Des Moines, and one of the greatest sons of that noted sire. There is show material in some of these gilts. Duroc Jersey breeders should go after them, as they promise a good outcome.



Clover Blossom 1st, champion and grand champion sow Michigan State Fair, Detroit, 1906; second at Indiana State Fair, and third Illinois State Fair, 1906, one of the good females included in the Duroc sale of Mr. J. A. Teter, of Remington, Ind. See field notes.



# IOWA'S THREE GREATEST Duroc Jersey Sow Sales!

Never before in the history of the breed has such an offering been made as will be sold in these three sales

**A. E. Poush, Chariton, Iowa, Feb. 18**

**40 HEAD OF ROYAL PURPLE TOPS**

Of his herd and the tops of several herds. Included in the offering is Lady Pride, one of the greatest yearlings to be sold this season. Five great gilts by Proud Advance and Daisy Orion. Several gilts by Ben Davis, Hanley, Buddy K. IV., Improver King. The offering will be bred to Savannah Belle's Chief, by Ohio Chief, and out of Savannah Belle. Others to Daisy's Advance, the greatest boar Proud Advance ever sired. Others to Orion Advance, by Orion, dam Proud Lady, the \$1,275 sow. If you cannot come send your bids, as I have the greatest lot of sows that has ever been sold, all things considered.

**THE LAST CHANCE TO GET A SOW BRED TO PROUD ADVANCE.**

**SHELDON BROS.**

**Shannon City, Ia., Feb. 19th**

**PROUD ADVANCE DIED FEBRUARY 2**  
This is the last chance to get a sow bred to him.

**Thirty Fall Yearling and Matured Sows and Ten Gilts**

In the offering will be about twenty-five head sired by the great Proud Advance 23549, and bred to Ohio Chief II.; the rest of them will be bred to Proud Advance. Twenty head of fall yearlings the equal of which has never been put in one sale before. Write for catalog.

**WHITE & DEWEY**

**Shannon City, Ia., Feb. 20th**

**PROUD ADVANCE DIED FEBRUARY 2**

**The last chance to get a sow bred to Proud Advance.**

In this offering will be fall yearlings and gilts sired by Proud Advance and several head of yearlings and gilts sired by Crimson Wonder I Am, two of them being full sisters to Crimson Wonder I Am Again. We have by far the best offering we have ever had. Have also used Proud Wonder I Am, one of the best sons of Crimson Wonder I Am, on some of the sows. Write for catalog.

**Send bids to M. T. White, Homestead representative, or to Col. F. F. Luther, in care of the above breeders and they will be properly attended to.**

## Johnston Bros. & Newkirk's Great Sale.

Never in the history of the Duroc Jersey breed will a greater lot of brood sows be sold than will go through the sale ring of Messrs. Johnston Bros. & Newkirk, at Brooklyn, Iowa, on February 15th. They are selecting the very best they have, including many of their show sows, and they are bred to the most noted sires of the breed. From no herd in the United States have come more winners than have come from the Johnston Bros. herd. The great Proud Advance was bred here, as was also the noted prize-winning boar, Advancer, Reed's Banker and other great boars, as well as some of the most sensational sows of the breed. They have won considerably over 100 of the leading prizes at the state fairs and World's Fairs in the past four years, and many of the sows that they are selling in this sale can go out and win their share of the ribbons against the world. Just a word about the boars at the head of this herd. Advancer 28773 hardly needs a word from us at this time. He was the Iowa state sweepstakes boar two years in succession and is the sire of Proud Advance, Advancer and other good ones. Model Chief 44969 is considered the best living son of Ohio Chief and he was the sire of the first and third-prize pigs at the Iowa State Fair last year. Model Chief II. 53757 is considered by Messrs. Johnston Bros. the best pig they have ever owned. They are also using Perfect King 53753, a son of old Perfect King, and these boars have been bred to the sows that go into the sale. There will be a number of daughters of old Advancer in the sale, also daughters of the great Advancer. For two years this great boar has won first prize in his class at the Iowa State Fair, and last fall, in the face of stronger competition than ever before, at the greatest show of Duroc Jerseys held any place, he and his get captured sixteen prizes, and if nothing interferes with his further development he promises to make an equally good record another year. The Advancer sows in this sale that have been bred to Model Chief 2d will be the most valuable Duroc Jersey sows that will go through any sale ring this year. The yearlings are notably good from almost any point of view. They have as much promise as does the sensational Ruberta that recently sold for \$1,500. Every one knows what Advancer and Advancer have done. Model Chief 2d is unquestionably, although only an April pig, as good an individual as exists in the state of Iowa. He comes by this excellence honestly because he is a son of Model Chief and Model Chief again is one of the acknowledged best sons of that greatly exploited hog, Ohio Chief. Model Chief, at the Iowa State Fair last fall had the honor of having been the sire of the pig that took first in class under six months and of the pigs that took first as produce of sow. It will be remembered by those in attendance that both these classes were strongly contested. Some of the Advancer sows by way of variety have been bred to Perfect King. Perfect King is a son of King of Kings, he by Morton's King, and on the side of his dam he traces back to prominent Ohio winners at state and national shows.

This hog has not yet fully developed, but there is every probability that he will make a strong cross with the Advancer blood. Seven yearling daughters of that grand old Advancer have been cataloged. They are full sisters to Advancer, Proud Advance, Advancer Lad and I Am Advance. They are full sisters to the sows that have topped the sales for the past two years and their dam, it may be said, has produced more prize winners than any other Duroc Jersey sow that ever existed. These sows bred to Model Chief 2d should be equally as valuable as the Advancer sows. Among the gilts there will be, aside from Advancer and Advancer daughters, those of Iowa Banker, Model Chief, Top Notcher Chief, Keep On, Commander Jr. and one by Crimson Wonder I Am. Every reader of The Homestead who is interested in Duroc Jersey hogs should send for one of their catalogs. If you cannot be there in person, send your bids to Mr. M. T. White, Homestead representative, in care of Messrs. Johnston Bros. & Newkirk, and it will be properly looked after.

**Jack Sale March 5th.**

On March 5th Mr. O. P. Hendershot, of Hebron, Neb., will offer a draft of twenty-five mammoth Kentucky-bred jacks, fifteen good Percheron stallions and five well-bred Percheron mares. This offering is strictly high class in every respect and they will be offered to the public at whatever you see fit to pay. Every animal brought into the ring will be sold if a bid is put on it and no by-bidding or humbug work will be tolerated at this sale. We wish to say right here that this is a grand opportunity to secure breeding stock that are richly bred and very high-class individuals. Mr. Hendershot is a man that has become known throughout all parts of the draft horse world through the character of the animals he handled and the square dealing that every customer receives at his place. He will hold his sale at Hebron, March 5th, and to those in the market for a good stallion or jack we can earnestly recommend this sale. Catalogs are now ready and can be had by dropping a card to Mr. Hendershot. When writing please mention this paper.

**Beau Donald Herefords.**

Beau Donald Herefords are the sort that Mr. John Secor, of Mechanicsville, Iowa, is growing. A short time since The Homestead favored its readers by running the tabulated pedigree of one of Mr. Secor's present herd bulls, Beau Donald 48th, a son of the famous Beau Donald and grandson of Beau Brummel. On another page in this issue will be found the other one of Mr. Secor's present herd bulls, whose pedigree we respectfully submit to the most critical Hereford breeder in the land. Mr. Secor has a nice bunch of yearling bulls sired by these two bulls now ready to place on the market. He is not particular about sparing many females at present, but will make attractive prices to all Homestead readers on these Hereford bulls. The tabulated pedigree of Iowa Donald Premier 187137 will be found page 48

## Grand Three Days' Sale

**FEBRUARY 19-20-21 AT**

**Grand Junction, Greene County, Iowa**

**140 CHOICE POLAND CHINA SOWS and GILTS**

Carefully selected from the herds of Geo. F. Freie, Ogden; C. C. Healy, Dana; and C. M. Howard, J. L. Hudson and G. W. Wampler of Grand Junction.

You will find a strong collection of mature sows in this sale. They have proved to be regular and prolific producers. There are some of the great roomy kind and others of a more showy type. The breeding is standard and represents all the leading lines of blood. Here is a splendid opportunity to secure some reliable foundation stock.

The gilts are from March and April litters and many are from sows to be sold in the sale. They are a nice growthy bunch and contain a great many of the great deep-bodied, strong-boned type. They are sired by Tecumseh Meddler, Nemo L. Dude, Keep On and Black Chief boars. They will contain some choice members.

Send for catalog to C. C. Healy, Dana, Iowa. Post up, brother breeders, we have something worth your money and attention. C. E. Luther, Auct.

**McWILLIAMS'**

## DUROC-JERSEY SOW SALE

**Wall Lake, Ia., February 22, 1907**

**40 HEAD, 5 FALL YEARLINGS, 9 AGED SOWS, 26 SPRING GILTS 40**  
THE LATTER Sired BY MY GREAT BOAR

**ORION J.**

The aged sows are sired by Challenger Model, one of the best sons of old Duroc Challenger; Royal American, Milbank Boy and Tolstoy. The gilts are sired by Orion J., Sunnyside Wonder, (a son of Tolstoy out of an Orion sow), Gilbert King and a grandson of American Royal. They are bred to Orion J., Sunnyside Hero, Challenger King and Sunnyside King. I am offering the cream of my herd. These Orion J. gilts are the best I have ever raised. Write at once for catalog. Address,

**M. A. McWilliams,**

**W. C. Lookingbell, Auctioneer.**

**Wall Lake, Ia.**



### Last Call for B. W. Hale's Sale of Duroc Bred Sows.

Mr. B. W. Hale, of Laddonia, Mo., has cataloged forty head for his first sale of Duroc Jersey bred sows. Several of the number are sows Mr. Hale does not like to part with, but in order to make his sale attractive they will sell to the highest bidder. Mr. Hale has, since he founded his herd a few years ago, bought the best stock he could find and has used good boars and as a result his offering merits the attention of breeders and farmers who are hunting good seed hogs. A catalog of the offering has just reached our desk and we find cataloged as Lot 1 the two-year-old sow, Perfect Gold Dust 33d, a great-granddaughter of Sensation. Her sire, Best of Notchers, was out of Fancy VIII, by Top Notcher. Her dam, Perfect Gold Dust XXX., was got by Tip Top Notcher. It will be seen that she is a line-bred sow with the crosses coming in about right. She is bred to Chief Paul Finch for an early litter. That the litter she is carrying will be good cannot be denied, as she is of the brood sow type and a good one to buy. No. 2 of the catalog is Macon B., a yearling that has for her sire the great Buddy K. IV., owned by Mr. Ed. A. Baxter. She is bred to Chief Paul Finch. This should be an attraction, as sows by Buddy K. IV. are in demand. The great Kan't Be Beat is the grandsire of Lot 3, Illinois Beauty, a sow Mr. Hale bought at Mr. Seckman's 1906 sale. Those hunting the blood of Kan't Be Beat should look her over sale day. She is bred to Champ Clark, the son of Tip Top Notcher and Gold Dust Rose, the dam of Helen Blazes. Lots 7, 8, 9 and 10 are spring gilts of Mr. Hale's breeding. Their dam, Top Notcher Lady, is a granddaughter of old Top Notcher. Boars from this litter went to three states and the four gilts should be appreciated. Four July, 1905, yearlings are cataloged as Lots 11, 12, 13 and 14. Their sire, Ohio Flash Light, was by Top Notcher. Two are bred to Chief Paul Finch and two to Champ Clark. Quite a fancy gilt of Mr. A. F. Russell's breeding is cataloged as Lot 27. She was got by Iowa King, he by Ohio King. Two daughters of Gen. Cronje are listed as Lots 36 and 37. Breeders wanting the blood of the 1906 American Royal champion should look to these. Gen. Cronje was got by the great Ohio Chief. Mr. Hale's entire offering is rich in such breeding as his been mentioned above. He sells at his farm, near Laddonia, Mo., where every comfort may be had. See page 49 for advertisement and remember that Mr. Hale's sale is the third of the Illinois and Missouri circuit.

### Keasey's Poland China Sale.

On February 13, 1907, at the Franklin Center Stock Farm, four miles southeast of Wlota, Iowa, Mr. E. D. Keasey will offer forty head of decidedly high-class sows and five boars, including his herd boar, Who 123135, a son of Royal Perfection. The sows that go in are a toppy, high-class lot and include daughters of Chief Perfection 2d, Keep On, Perfection E. L., Chief Sunshine 2d, Keep On 2d and Iowa Perfection. There will be twenty-three very choice gilts in the sale, mostly the get if his herd boar, Who, and they are decidedly nice in head and ear, are well developed and carry the blood of some of the greatest sires known to the breed. Among these gilts are four by Who 28205 and out of a daughter of Chief Climax that deserve more than a passing notice. Two boars of this same litter go in. They are fancy in head and ear, are smooth and well developed, carrying lots of length and a nice bone, and buyers will like them when they go to the sale. Anyone wanting a young herd boar will not go wrong in buying either one of these, and the sows will make most excellent brood sows. There a lot more of the Who gilts in his sale and they are a very toppy lot all through. The breeding of the older sows is sufficient to show that they are good and bred along the most popular and up-to-date lines. They will be bred to either Who 28207 or Contractor, the great young boar Mr. Keasey purchased of Mr. Geo. H. White. Readers of The Homestead all know Contractor, as he was a winner both at Des Moines and at the Nebraska State Fair. The breeder who wants a proven sire should go after Who 28207. He has done a great work in the Keasey herd and his get will show it on sale day. He is a good boar and is worth a place at the head of any good herd. Write for a catalog at once; but the thing to do is to get on the train and go to the sale. Remember the date is next Wednesday, February 13th. Be sure you go to the sale.

### Last Call for T. E. Laurie's Sale of Duroc Bred Sows.

The last announcement of the sale of Duroc Jersey bred sows to be held by Mr. T. E. Laurie, of Jacksonville, Ill., at his farm near Jacksonville, will be found on page 27 under the heading of the Illinois and Missouri Duroc sale circuit. Mr. Laurie is known as one of those breeders who likes good ones, knows a good one when he sees it and never offers anything but good ones such as will add to most any herd and be a credit to the herd from which they came. For his sale on February 13th Mr. Laurie has gone to great expense, he having paid high breeding services in order that he might offer sows bred to certain great boars. This has been done because Mr. Laurie knows that he has not all the good boars of the breed and when he owns a sow that he thinks will mate well with some known breeding boar he stands the service fee and backs his judgment with the cash. In the advertisement will be found a list of several of these sows and the boars to which they are bred. More fashionable pedigrees cannot be found than the pigs from these sows will carry. Each of the sows are sows of great individual merit and all should go to good herds. Mr. Laurie sells a fine lot got by He's Our Pride or bred to him, and a number by Buddy K., a litter brother to Buddy K. IV., or bred to him. Another such an opportunity to get stuff bred to an equal number of great breeding boars will not be found this winter. Mr. Laurie sells at his farm, which is five miles from Jacksonville, Ill. Those going to the sale via the Chicago & Alton can stop at Savage, six miles north of Jacksonville. This will land you within a mile of the farm and Mr. Laurie will meet

you at the station. Those who cannot attend and wish to send bids should send them to either of the auctioneers announced in the advertisement. Send in care of Mr. Laurie.

### Joe Steward's Bred Poland Sow Sale.

A Homestead representative recently had the pleasure of inspecting the Poland China bred sows that are offered for sale on another page by that old-time, reliable breeder of Poland Chinas, Mr. Joe Steward, of Ames, Iowa. The writer has known Mr. Steward for twenty years and during all that time he has kept abreast of the times in maintaining his Poland China herd to the highest standard of excellence. At the present time Mr. Steward is offering a few splendid sows and gilts, among them is the beautiful sow, Sunshade, a daughter of Hummer and he by Perfection E. L. Sunshade's dam was Sunlight by Winning Sunshine and out of Lady Knox. This splendid sow was bred November 20th to Gay Perfection 2d, and is held at the ridiculously low price of \$45. He is also offering for sale the sow, Meadow Best's 4th, bred October 26th to Gay Perfection, at the same price. This sow was sired by Hulda's Perfection, her dam being Bess Chief 2d, a daughter of Black Chief and out of Bess Chief by Chief AA. Mr. Steward is also offering some daughters of Gay Perfection 2d bred for April and May farrow. We might hear remarked that Gay Perfection 2d was the sire of the Poland China barrows exhibited by the Iowa Agricultural College at the last International Show in Chicago where they were invincible. The fact that they are bred to Sultan, the new boar at the college farm, bred by Mr. Ed Klever, should materially add to their value. Sultan was by Thickset, he by Happy Perfection and he by Perfect Perfection, Thickset's dam being Chief's Ina 2d by Chief Tecumseh 2d. Sultan's dam was Ruth Perfection by Chief Perfection 2d; her dam being a daughter of Chief Tecumseh 2d. Mr. Steward is offering some gilts bred for later farrow at from \$25 up. It will pay Homestead readers to consult his announcement on page 51.

### McWilliams' Brood Sow Sale.

On February 22d, Mr. M. A. McWilliams, of Wall Lake, Iowa, will make his annual Duroc Jersey brood sow sale, and he will sell forty head in this sale. There is no better breeder in his section of the state, and he always puts up a good, practical lot of sows. He has bred for a type, and always puts up a class of sows that have plenty of size and lots of bone. In this sale he will sell five fall yearlings sired by Gilbert King, nine aged sows sired by Challenger's Model, a son of old Duroc Challenger, and a boar that left a lot of good sows in the McWilliams herd. The rest of the matured sows are sired by Royal American, Milbank Boy and old Tolstoy. There will be about thirty good gilts in the sale and these will be sired by Orion J., a son of the great Orion and out of the noted sow, Kruger Maid. He is a litter brother to the prize-winning boar, Arion, that won many laurels for the Manley herd. Some will be sired by Sunnyside Wonder, a son of Tolstoy, and a few by Gilbert's King, a grandson of American Royal. These will be bred to Orion J., Sunnyside Hero, a grandson of Duroc Challenger, and Sunnyside King. There is a line of good breeding behind the McWilliams offering, and there is a bunch of good sows in the sale that deserves attention at the hands of breeders and farmers. Mr. McWilliams has won his way to the front as a reliable breeder, and no man has done a more satisfactory business, nor has dealt more fairly with his customers. If any of our readers are wanting to buy some good Duroc Jersey sows, they will find the McWilliams sale a good one to attend. Write at once for his catalog and mention The Homestead.

### Peter Mouw's Big Poland and Hereford Sale.

On February 14th and 15th, Mr. Peter Mouw will make a Hereford and a Poland China brood sow sale. The Hereford sale is a dispersion of his entire herd, including his two herd bulls, Harvey 4th 57540, a bull that has weighed 2,800 pounds, and Prince Donald 162634, a son of the noted prize-winning bull, Prince Rupert, and a grandson of the noted Beau Donald, on both the sire and dam side. Here is one of the best bred young Hereford bulls that will be sold this year. He is a double bred Beau Donald-Beau Brummel-Anxiety 4th bull, and carries the blood of more of the famous winners than any other bull that has been offered for sale in a long time. He will sell a lot of good cows, mostly daughters of Harvey 4th, Western Briton and other well-bred bulls. They will all be bred to the two bulls named above. He will sell fifty head of sows of the big kind. This is the kind that has made Mr. Mouw famous and he is offering some good ones. They are sired by Longfellow 2d, Chief Price, Surprise Wonder 4th, Tecumseh Wonder, Sunshine Chief, Orange Chief, Chief Standard and Wonder 3d, all noted for their great size and bone. The reputation that Mr. Mouw has enjoyed as a breeder of the big Poland Chinas, is sufficient to say that the coming sale will have some of the best in it that Mr. Mouw has ever bred. Write for his catalog and mention The Homestead.

### W. J. Finley to Sell Jacks and Jennets.

On Saturday, March 2d, at Marshall, Mo., Mr. W. J. Finley, of Marshall, Mo., will sell forty head of high-class jacks and jennets and ten stallions. Mr. Finley has bred and raised jacks for a number of years and this will be his first public sale. He has listed twenty registered black Mammoth jacks, ten registered jennets, several of which have jack colts at side and others bred to drop colts this spring. Mr. Finley will also sell ten stallions, three standard and registered trotting-bred, one registered coach stallion, one registered Shire stallion, one registered Percheron and five grade Percheron stallions. This will be an opportunity for the stallion buyers as well as the man hunting a good jack. Mr. Finley sells at his barns in North Marshall. Write him for a catalog and kindly mention this paper when doing so.

## The Perfection Chief Stock Co.'s

Annual Sale of

# DUROC = SOWS

AT

## Maryville, Mo., Monday, Feb. 25th

# 50 head bred to the great Perfection Chief, Pilot Kruger, Radiant and Gladstone. . . 50

For this sale we are putting in as good as we own. Special attention is called to the Proud Advance yearlings and spring gilts bred to Perfection Chief. There are five of these: two yearling sows got by Fairview Chief, the fall yearling got by Long Model, a Prince Lad fall sow, the Radiant gilts, Belle Topper, a Top Notcher sow and the Nodaway sisters got by Iowa King. We know we can please the most exacting and sows bred to the great show and breeding boar, Perfection Chief, will give results. Write either of us for catalog.

**T. C. NASH, Pickering, Mo.**

**O. B. KIMMONS, Pickering, Mo.**

**GEO. W. McMURRY, Maryville, Mo.**

**COL. H. S. DUNCAN, Auct.**

## Novinger & Sons Annual Sale

Of Scotch and Scotch topped

# SHORT-HORNS

At farm Near Kirksville, Mo.

## Tuesday, Feb. 26, '07.

# 40 Head. 15 Bulls 25 Females 40

We have never before been able to catalog such a uniformly good lot of Scotch bulls of the herd heading sort. See pedigree of Imp. Lavender. Thyme 2d's best son. Other pedigrees in future issues.

Red roan; calved April, 1906. Bred and owned by Isaac A. Novinger & Sons, Kirksville, Mo.

Dams.

Sires.

Imp. Lavender Thyme 2d.....	Got by Lavender Viscount 2d 240653
Lavender Thyme .....	Prince of Fashion 158179
Lavender 28th .....	Gondolier 98287
Lavender 16th .....	Lord of the Isles 45269
Lavender 11th .....	Lord Lansdowne 29128
	Count Bickerstaffe 2d 26010

We invite our old customers and all who are interested in good cattle to be with us sale day. Catalog sent on request.

## Isaac A. Novinger & Sons,

Auctioneers:  
**Cols. Bellows & Graham.**

**Kirksville, Mo.**



February 7, 1907.]

FRIDAY, FEBRUARY 22, 1907,

AT  
PARNELL, MISSOURI.**35 HEAD. A FEW ARE OUR BEST TRIED SOWS. BALANCE FALL AND SPRING GILTS.**

W. L. A.'s CHOICE GOODS, our great breeding boar got by La-follette and out of S. E.'s Model by Ohio Chief has been used on a goodly number. He was assisted by King of Mo., he by King of Kings. Among the attractions are daughters of W. L. A.'s Choice Goods, Proud Advance, Tom Watson, Addy's Ohio Chief, Harding's Proud Advance and other great boars. Sale in town. Write for catalog.

LUTHER AND OTHERS, AUCTS. ADDY &amp; SON, PARNELL, MISSOURI.

**ADDY & MURPHY'S****GREAT  
DUROC BRED  
SOW SALES.**

SATURDAY, FEBRUARY 23, 1907,

AT  
SAVANNAH, MISSOURI.**40 HEAD. ELEVEN YEARLING SOWS, TWENTY-NINE SPRING GILTS.**

OHIO CHIEF AGAIN, that great son of Ohio Chief and out of Savannah Belle, has been used on a goodly number. OHIO BELLE has litter sister bred to Crimson Wonder I Am, the 1906 champion at Iowa State Fair, should prove a great attraction. See the Proud Advance gilts bred to Ohio Chief Again; others by Perfection Chief, Radiant, Tip Top Notcher, Hanley and Sir Thomas are good. I Am Crimson Wonder has been used on some. Sale at farm in city limits. Write for catalog.

LUTHER &amp; MCGOWAN, AUCTS. S. R. MURPHY, SAVANNAH, MISSOURI.

Attention is called to the sales of A. E. Poush, Chariton, Iowa, February 18th; Sheldon Bros., Shannon City, Iowa, February 19th; White & Dewey, Shannon City, Iowa, February 20th; A. L. & U. G. Lynch, Mt. Ayr, Iowa, February 21st.

**Carl Hansen's Sow Sale.**

On February 15th, Mr. Carl Hansen will make his first annual Duroc Jersey brood sow sale at his farm near Herman, Neb. Mr. Hansen is one of the younger breeders in the state of Nebraska, and he is one of the best, and his offering on this occasion is the equal of anything that will be sold in the West. They will be sired by Bar None, Bar None II., Critic's Echo, and Grant's Hero. Mr. Hansen writes as follows about his offering: "In issuing this catalog of my first sale of Duroc Jersey bred sows I invite all to be with us on sale day. This offering is remarkable for its uniformity in size, color and quality, having good feet, good backs, loins and hams, as well as good heart girth. It is after six years of hard work and close study that I now offer these sows for sale at public auction and I would feel encouraged to see many old breeders here, as well as the younger ones, who are just starting in the red hog business, whether they wish to buy or not. I have handled these sows as best I could, with a view to good results, and they will gain a little every day till farrowing time without getting too fat." They are bred to Grant's Hero 40413, a son of Duroc Paragon, Grant's Challenger, and Grant's Defender. The greater number of the gilts in the sale will be sired by Bar None, his old herd boar, and a hog that has done him a great deal of good. He also offers a few choice gilts by Grant's Hero and one by Critic's Echo. Mr. Hansen will sell a good bunch of sows and it will be a good place to buy. The man that wants a few good sows can buy them right in his sale. Write for catalog and kindly mention The Homestead.

**White & Dewey's Sow Sale.**

On February 20th Messrs. White & Dewey will make their annual Duroc Jersey sow sale at Shannon City, Iowa. This will be one of the noted sales of the year and it will be the last time an opportunity will ever be had to buy a sow bred to Proud Advance. That old king of kings passed away at their farm on February 2d and one of the greatest boars that ever lived has gone beyond the divide. They are selling a grand lot of fall yearlings and spring gilts sired by Proud Advance and bred to Ohio Chief II. They are also selling some Ohio Chief gilts bred to Proud Advance and several head of yearlings and gilts sired by Crimson Wonder I Am, two of them being full sisters to Crimson Wonder I Am Again, the sweepstakes boar at Des Moines. They have also used Proud Wonder I Am, one of the best sons of Crimson Wonder I Am. One of the best sows that they sell is Orion Daisy, a daughter of Orion Dandelion, a litter sister to the sow that topped their sale last year. She is a two-year-old sow and is bred to Ohio Chief 2d. Reliance Lady is another good sow. She is a daughter of Reliance and is bred to Ohio Chief 2d. They are selling five sows bred to Proud Advance. Mr. Dewey sells four Proud Advance sows bred to Ohio Chief 2d and three daughters of Alix Pride, also bred to the same boar. He also sells two daughters of Miss Bob's Wonder bred to Proud Advance and Singletrack. One of his best old sows is Lady Banner by Ohio Banner and she is also bred to Ohio Chief 2d. Send for their catalog at once and mention The Homestead. If you cannot be there in person send your bid to Mr. M. T. White, Homestead representative, or the auctioneer, in care of the above breeders.

**The Last Call for Huff's Sow Sale.**

At his farm near Mondamin, Iowa, on February 13th, Mr. C. A. Huff, will sell forty-five head of Duroc Jersey sows. He is offering a good lot and a well-bred one, and they deserve attention at the hands of the breeders and farmers. The most of his offering are sired by Iowa Challenger, a son of Duroc Challenger, and Rustler, a son of old Glendale Chief; a few are sired by On-awa Orion, a son of Orion's Profit, that in turn was the sire of Dale, the Minnesota sweepstakes boar, and a number are also sired by E. Z., a son of old Surprise. He is selling yearlings and matured sows and spring gilts. Iowa Challenger 37603 is a son of Duroc Challenger and his dam is a Duroc King sow, a combination that has done so much in the way of producing the winners. He is bred to all the matured sows, and is an excellent breeder. He is also using Royal H. 54823, a grandson of American Royal; D. O. 54819, a grandson of Orion's Profit; Bonney 54825, grandson of Noble King, and Ben Fay Yet 54817, a grandson of Brighton Wonder. Mr. Huff is selling a class of sows that are splendid in length, extra good in bone, and nice in color. If any of our readers want brood sows, here will be one of the best places we know of to buy them. Write for his catalog and mention The Homestead.

**Crow's Big Poland China Sows.**

The kind of Poland Chinas that has brought Mr. W. J. Crow to the front is the same kind he will sell in his sale at Maclay, Clay county, Iowa, on February 20th. This is the big kind and the very prolific kind, the kind that always has the stretch and the depth, as well as the

bone. In his forthcoming sale he will sell forty-five head of these and they should attract the attention of both breeders and farmers. They will be sired by Crow's Model 30729, Up To Date 36007, Look Here 37768, Chief Tecumseh 4th, and others. These are all out of dams of the large, prolific kind, and are bred in the best of the larger strains of the breed. These sows are bred to Crow's Model, a hog of the 1,000-pounds caliber, with great length and a ten and one-half inch bone, and Up To Date, an 800-pound uog at twenty-four months of age, with a strong ten-inch bone. The latter hog not only has the size, but he has the finish of a smaller hog. He has the length, depth and thickness and stands on the best of feet. He is also using Cor-rector 2d 72295, a boar that has had considerable reputation as a sire before Mr. Crow bought him. Mr. Crow sells all his sows in his annual sales and therefore has the best of the herd in this sale. Sale will be held in comfortable quarters and there will be no postponement on account of weather. If you want the large type of Poland Chinas, those of the prolific strains, you will find them in the Crow sale. Write for catalog and mention The Homestead.

**Wheeler's "Mastodon" Poland Chinas.**

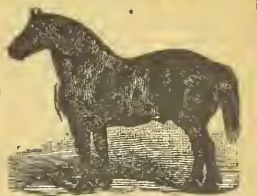
One of the greatest Poland China brood sow sales that will be made this year will be that of Mr. W. W. Wheeler, at Harlan, Iowa, on February 27th, when he will sell forty-five head of his mastodon brood sows. Mr. Wheeler has made a reputation on his "Mastodon" strain of Polands, because of their size, great stretch of body and the big bone that they invariably have. The offering that he will sell on this occasion are of the big, prolific kind, the kind that has made breeders famous, and the kind that they all want. The kind that Mr. Wheeler is raising is the kind that weigh over the scales and the kind that bring the money. They have been raised right and have been fed a balanced ration, and have been developed along such lines as will promote their growth and make good bone. This offering contains the blood of Mastodon, Chief Price, Grand Chief Wonder, Surprise Wonder 5th, Long-fellow, Longfellow B., Columbia Chief 2d, Demonstrator, Sunshine Chief, Orange Maid 6th, Orange Maid D., Lady Wonder 5th and Lady Wonder 6th, all famous for their size and all bred in blood of the largest strains of Poland Chinas known to the breed. Mr. Wheeler is making a great offering in this

**Johnston Bros. & Newkirk's  
Great Duroc Jersey Brood Sow Sale****We have bred more of the  
winners than any other  
herd in the United States****BROOKLYN, IOWA  
Friday, February 15, '07****100 of the very best prize winners  
of the state and world's fair  
in the past five years.****ALL SOWS GUARANTEED SAFE IN PIG****40 HEAD 12 FALL YEARLINGS, 5 SPRING  
YEARLINGS, 23 CHOICE GILTS****No Other Herd in America Can Show Such a Record**

Sired by Advance 11309, Advancer 28773, Model Chief 44969, Keep On 37327, Top Notcher Chief 29247, and others of equal merit and bred to Advance Advancer, Model Chief, Model Chief II, the most sensational pig of the breed, Perfect King, a good son of King of Kings. Here is the place to get the blood that has won more prizes than any other strain of the Duroc-Jersey breed. Eight full sisters to Advancer, every one a good one. Five fall sows by Advancer, every one a show sow, including the second prize fall sow bred to Model Chief. Also the fifth prize fall sow bred to Perfect King. This is by odds the best offering we have ever made. One of the best gilts to be sold this year is by Iowa Banker, bred to Advancer. We invite every lover of Duroc-Jersey hogs to attend this sale and see the most uniform lot of sows to be sold this year. There is no sow in this sale that is worth \$1,000 more than the others. Send for catalog at once, it tells all about the offering, and kindly mention Iowa Homestead. Address,

**Johnston Bros. & Newkirk  
Auctioneers: Col. F. F. Luther  
J. L. McIlrath  
J. S. Sutro**

Send bids to auctioneer or to M. T. White, Homestead representative, in care of Johnston Bros. &amp; Newkirk.

**MILLER'S  
IMP. PERCHERONS  
AND  
FRENCH COACHERS.**

Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.  
**S. J. MILLER, KIRKSVILLE, MO.**

**FINLEY'S JACK SALE AT MARSHALL, MISSOURI**

**Sat., March 2d, '07 40 Head High-Class Jacks, Jennets and Stallions 40**  
20 REGISTERED blk mammoth Jacks, 15 to 16 hands high, 10 regist'd Jennets, extra fine, several with Jack colts at side, others bred to good Jack. Ten stallions (3 standard and registered trotting-bred, 4 to 7 years old), 1 registered Coach stallion, 1 registered Shire stallion, 1 registered Percheron stallion, 5 grade Percheron stallions from 2 to 6 years old. Sale will be at Finley's home in North Marshall. Sale will begin at 12:30. Sale will be held under cover. No postponement. Nothing for sale privately after cataloged. Auctioneers: Sparks, Harriman, Snyder, Hieronymous, Ross, Hudson, Logsdon, Irvine. Write for catalog. Terms—Cash.

**W. J. FINLEY, MARSHALL, MISSOURI**

sale. All lovers of the big-boned, large Poland Chinas should come to his sale. He has size and bone sufficient to please all the boys. He has spared neither time nor money to get the biggest Poland Chinas for foundation and he has just what he advertises. He is not simply advertising the big ones, but he has them. His famous "Mastodons" are winning their way to the front because they are what the people want. Write for his catalog at once and then come to his sale and see the big ones sell. If you cannot be there in person send your bid to Mr. M. T. White, Homestead representative, in care of Mr. Wheeler and it will be properly attended to.

**W. A. Foster's Sow Sale.**

On Friday, February 15th, Mr. W. A. Foster will make his annual Duroc Jersey brood sow sale, at which time he will sell

thirty-five head. They will be sired by old Parnell Banner, Gaytee, Bill Watts, Crimson Wonder I Am, the Iowa State Fair sweepstakes boar, and a few by other sires. They will be bred to Bill Watts 38395, a son of old Kan't Be Beat, out of a Top Notcher sow; I Am Orion, a son of old Orion, and Foster's Wonder 54491, a son of Crimson Wonder I Am. He sells two March gilts sired by the sweepstakes boar, Crimson Wonder I Am, and out of a Leo Tolstoy sow; they are both bred to I Am Orion, and are full of quality and good enough for anybody. Quite a number of the gilts are sired by Bill Watts 38395, a son of I Am Perfection and they are mostly bred to the Crimson Wonder boar. Mr. Foster has a good line of blood in his herd, and is making a splendid offering of brood sows. If it is possible we would like to have all that can do it, attend this sale. Write for catalog and mention The Homestead.



### More of S. R. Murphy's Sale of Duroc Jersey Sows.

When the breeders have gathered at the ring side at Mr. S. R. Murphy's, at Savannah, Mo., on Saturday, February 23d, they will be called on to pass judgment on as good a lot of Duroc Jersey sows as Mr. Murphy has ever owned. Just what their verdict on that richly-bred daughter of Ohio Chief and Savannah Belle will be no one can tell. She has been named Ohio Belle 127310 and is due to farrow April 1st to the service of Crimson Wonder I Am, the 1906 champion at the Iowa State Fair. Ohio Belle is a wonderfully well-proportioned young sow. She has the Ohio Chief head and is good all over. Breeders know Crimson Wonder I Am, and the litter will be one to which those looking for top herd boar material should turn their attention. This is the only chance we know of to get an Ohio Chief sow bred to the champion, Crimson Wonder I Am. One of the greatest things Mr. Murphy sells is a gilt of February, 1906, farrow that was got by the great Proud Advance. She is bred to Ohio Chief Again for an April 1st litter. Breeders who want a top Proud Advance sow should watch this gilt. She is well developed; has the strong back, an extra fine head, four good legs and is as smooth as they are grown. She will prove an addition to any herd. Three other Proud Advance gilts bred to Ohio Chief Again for early litters will be found good things to buy for brood sows. Four Radiant gilts will also be found desirable. They are the fine-colored sort, and are the right stamp. Two are bred to Ohio Chief Again, one to I Am Crimson Wonder, and one to a Kruger-bred boar. Four Sensation Winner gilts are fine brood sow prospects. Two are bred to Ohio Chief Again and two to I Am Crimson Wonder. Then there will be a Hanley gilt bred to Ohio Chief Again and an Allison-bred gilt bred to Buddy K. 4th. Mr. Ed A. Baxter's great herd boar. This will be an opportunity to get eastern blood. Five Perfection Chief gilts bred to Ohio Chief Again are good and should produce some good stuff. Mr. Murphy has also listed a number of proven brood sows, mostly yearlings and sows that have raised good litters. These are the kind to buy in order to get something good by his great Ohio Chief-Savannah Belle boar. Write Mr. Murphy today for a catalog and arrange to be with him sale day. See page 43 for advertisement.

### S. P. Briggs Sells Duroc Jersey Bred Sows February 20th.

We wish in this issue to call the attention of our readers to the sale of Duroc Jersey bred sows to be held at Seward, Neb., on February 20th by Mr. S. P. Briggs. In this sale will be included an offering that should interest all who are in the market for good, useful, well-bred Durocs. This firm have been in the business for quite a number of years and have built up a reputation that is enviable among the best of breeders. Their first attempt at public sale business was last February, when they made an average of over \$50 on about forty head. This year they will offer thirty-six head and they are a very choice lot. Mr. Briggs considers them the best lot of sows he has ever had together. There will be five of his tried brood sows and among them are included some of the best mothers in the herd. Twenty good, big strong, fall yearlings, very growthy and with quality enough to go into any herd; eleven spring gilts, the tops of about fifty head raised this year, and not a poor one in the bunch. These sows are bred to such boars as Fashion's Improver, a son of Improver II, that is a show boar in every respect and has won laurels in the hottest of competition. He has proven a good breeder, having sired some of the very best stuff now in the Briggs herd. In looking for a herd boar to cross on Fashion's Improver sows this fall Mr. Briggs purchased what he considers the best pig brought to the West this year. This pig was purchased from the well-known firm of Watt & Foust, of Cedarville, Ohio. He was eld by Golden Rule, the sire of most of Messrs. Watt & Foust's show herd this last fall. His dam was Cedarville Queen VIII, first and junior champion ewe at the St. Louis Exposition. Junior Champion won first at the Ohio and New York State Fairs last fall, also headed first-prize young herd at both places. At New York he was also reserve champion and reserve grand champion. About twenty head of these sows will be bred to Junior Champion, and a sow bred to him should be something very prospective for a next spring litter. We will go into detail more in regard to the sows in our next issue; meanwhile, send for a catalog and make arrangements to attend this sale. If you cannot attend send a bid to Mr. Ray Page, of this paper, and it will be well cared for.

### Herd Bull Material in Novinger & Sons' Sale of Short-horns.

On Tuesday, February 26th, at their farm near Kirksville, Mo., Messrs. I. A. Novinger & Sons, of Kirksville, Mo., will sell forty head of Short-horns—fifteen bulls and twenty-five females. There is herd bull material in this offering. Several are pure Scotch and several are animals that carry several Scotch tops. The writer has seen every offering Messrs. Novinger have made for several years, and this is the best that they have ever made. There are bulls in the offering that are fit to go out as herd headers, and the man hunting for this kind should not overlook this sale. In females Messrs. Novinger are selling a most useful lot; some are pure Scotch, others are the good, reliable Scotch-topped sort, and all are the kind that Messrs. Novinger are glad to recommend. The cows and heifers of breeding age are in calf or have calves at foot by Lavender Viscount 2d, a son of the champion, Lavender Viscount. Lavender Viscount 2d has now been in service in Messrs. Novinger's herd for two years and the class of stock he is getting shows that he is a breeding bull of great merit. His calves are mostly good reds, with now and then a rich red roan thrown in. They all have the desired spring of rib, the easy-fleshing qualities and good heads and horns. Cows in calf to Lavender Viscount 2d are desirable and Messrs. Novinger should have two buyers to every cow they sell on March 1st. Returning to the bull end of their

## 100 Richly Bred Duroc Jersey Sows at Auction

### FEBRUARY 11, 1907

Geo. Schwab, sale to be held at his farm.  
35 HEAD—15 MATURED SOWS 20 SPRING GILTS.

Three daughters of Red Knight, first and sweepstakes boar at Nebraska State Fair, 1905, and bred to Jeffries, one of the best sons of Van's Perfection. Most of the offering are sired by Morton Prince. If you want prize winning blood, come to this sale. Write at once for catalog. Address

**Geo. P. Schwab,**  
CLAY CENTER, NEBRASKA.

### FEBRUARY 12, 1907

H. B. Loudon & Son, sale to be held at farm.  
25 RICHLY BRED SHORT-HORNS, 15 CHOICE BROOD SOWS.

On the above date we will disperse our entire herd of Short-horn cattle. There are some choice animals in the bunch, of the most noted Scotch families. Our brood sow offering is not large, but we have the goods. Daughters of the great Hambletonian and bred to Jumbo's Perfection. Write for a catalog and look over the breeding of these cattle and hogs. Address

**H. B. Loudon & Son,**  
CLAY CENTER, NEBRASKA.

### FEBRUARY 13, 1907

Wm. J. East & Son, sale at farm.  
35 head of richly bred Durocs representing the blood of most prominent strains.

Several daughters of Beydek, first-prize hog in class at Nebraska State Fair, and third at St. Louis. A number of the sows are mated to Kansas Banker, one of the best sons of Improver II. Each animal a useful one and many sows of rich breeding and show-yard individuality. Write for a catalog. Address

**W. J. East & Son,**  
CLAY CENTER, NEBRASKA.

Col. C. E. Luther will do the selling. Mail bids sent to Ray Page of this paper will be properly handled.

offering we will say that it will be hard to find fifteen better ones in a single sale. In their advertisement, which appears on page 42, will be found the pedigree of one of the best young bulls to go in any sale this year. This youngster is not only bred in the purple, but has the conformation and the individuality to back up his rich pedigree. In future issues more will be said of him. Messrs. Novinger have listed a Butterfly bull, a rich red that was got by Hampton's Choice, a half brother to Hampton's Best. This is another that will be found in the herd heading class. He, too, is a pure Scotch fellow. There will also be a Lancaster and an Imp. Eliza in the sale that should attract attention. These are sons of Lavender Viscount 2d. Messrs. Novinger sell at their farm, one and a half miles from Kirksville, Mo., where every accommodation can be extended their guests. Col. George P. Bellows and Harry W. Graham will do the selling. Write Messrs. Novinger for a catalog and kindly mention this paper when doing so.

### Last, But Not Least, Comes the Maupin & Applegate Sale of Durocs.

The last sale of the Illinois-Missouri Duroc Sow Sale Circuit comes on Friday, February 15th, at Shelbyna, Mo., at which time Messrs. Maupin & Applegate, of that place, sell sixty head of sows and gilts. These are the gentlemen who believe in good herd boars, those that are strong individually and backed by ancestors that have made good as sires as well as in the show ring. They were among the first, if not the first, men who had the nerve to back their judgment and pay \$300 for a spring pig less than six months of age. They also bought other good pigs and have used them on their best sows. The breeding of these will be found in the advertisement, as will several of the attractions. The writer wishes to say that any who want bred sows, either to add to their herds or a number for founding a herd, can find them at Messrs. Maupin & Applegate's sale. Breeders attending their sale can get off for home in the evening after the sale, as Shelbyna is on the main line of the C. B. & Q. and about forty miles west of Quincy and Hannibal. For the advertisement of the sale see Illinois-Missouri sale circuit advertisement on page 49. Bids to their auctioneers in their care will be treated honorably.

### Wheatley & Ward Offer Angus Bulls.

Messrs. Wheatley & Ward, of King City, Mo., breeders of Aberdeen Angus cattle, have a change of advertisement on page 35, in which they are offering bulls that are now ready for service. These are the get of their great herd bulls as announced in the advertisement and are out of Queen Mother, Pride, Erica, Heather Bell and other families. Messrs. Wheatley & Ward have spared no expense in putting their herd in such shape that it is today one of the good ones of the country. The cows are of the Angus type and are the kind that produce. The bulls at the head of the herd are the beefy type, low down and prepotent sires. Messrs. Wheatley & Ward have upwards of twenty head of bulls that are ready for service and the writer takes pleasure in recommending them to any who are in the market for bulls. Write these gentlemen, telling them what you want, or, better still, go and see the herd.

### Remember the Riffin and Rogers Duroc Sow Sale.

Tuesday, February 12th, at Petersburg, Ill., Messrs. Harry Riffin and C. T. Rogers, of Petersburg, Ill., open the great Illinois and Missouri Duroc Sale Circuit by selling forty head of as good and useful Duroc bred sows as are often found in a single sale. Both gentlemen are straining a point to make this sale one that shall reflect creditably to their herds. They have listed hogs that should stay in their herds, but as they want to make a good starter for this circuit they have decided to let go as good as they own. In field notes of last week we mentioned several of the offering, gave much of the breeding and had we received a catalog, we would be able to say more of the offering. We will say this much, we have seen the hogs, both the sows

## THIRTIETH Semi-Annual Sale ..... JACKS AND JENNETS .....

At Limestone Valley Farm, Smithton, Mo., Tuesday, March 5, 1907, At 10 a. m.

60 40 BIG REGISTERED JACKS 40  
20 REGISTERED JENNETS, SOME WITH JACK COLTS AT SIDE 20 60

This is the greatest offering in point of quality that we have ever made. It is even superior to our World's Fair-premium sale. Sale will be held under cover. Free conveyance from Beaman and Smithton. Farm is six miles east of Sedalia. If possible come day before sale as we desire to have you examine this offering carefully. All entertainment at our expense. Railways, Missouri Pacific, main line, and M. K. & T. main line. Send for catalog.



**L. M. MONSEES & SONS, - - SMITHTON, MO.**  
HARRIMAN, SPARKS, HIERONYMOUS BROS., BURGER AND MARKLESS, AUCTIONEERS.

## 40 Bred Duroc Sows 40

At Auction, at my Farm Near  
HERMAN, NEB., FEBRUARY 15, 1907.

THEY ARE THE PORK PRODUCER'S KIND—BRED AND FED FOR USEFULNESS AND ARE

THE TOPS from my herd, which has been built up by careful selections from the herds of the best breeders. The offering is rich with the blood of Glendale, Duroc Paragon, Gold Dust Jim, Bar None and Grant Hero. They are bred right and have been handled right, and are sure to satisfy buyers. These sows are safe in pig to my good herd boars, and should produce something good. Write for catalog to

**CARL HANSEN,** - - **HERMAN, NEB.**  
COL. GEO. P. BELLOW, Auctioneer.

## BERGREN'S POLAND CHINA SOW SALE.

Sale at Jenkins' Livery Barn  
STANTON, IOWA, FEB. 22, 1907.

40 HEAD 15 Fall Yearlings and Aged Sows.  
.... The Rest Spring Gilts ....

Sired by such noted boars as G's Perfection, Big Perfection, Big Chief Perfection 2d, U. S. Chief 2d, Prospector, Shamrock, Big Kiever and Long Wonder. They are bred to my prize winning boar Stunner 107149, Cantrell's Corrector and Peerless Perfection. I am offering my very best, sows with plenty of size and bone and sows of great quality. Write me for a copy of my catalog. Address,

**E. N. BERGREN,** - - **STANTON, IOWA.**  
COL. J. WEST JONES, Auctioneer.

and the hogs, and breeders should attend this sale if looking for good ones, well bred. Messrs. Riffin & Rogers sell in town in heated sale pavilion, where all can be comfortable. Stop at the leading hotel in Petersburg and these gentlemen will see that

you are properly entertained. Any bids to their auctioneers in their care will be handled to the bidder's best interest. See page 49 for the Illinois-Missouri Sale Circuit and the advertisement of Messrs. Riffin & Rogers' sale.



# POLAND CHINA BROOD SOW SALE.

I WILL SELL ON FEBRUARY 21, 1907, AT MY FARM, 15 CHOICELY BRED POLAND CHINA SOWS AND 35 GILTS, ALL BRED.

The fifteen old sows are all bred to Superior Sunshine and the thirty-five gilts are all by Superior Sunshine and bred to Pike Timber Perfection and Pike Timber Meddler. Will also sell Superior Sunshine in the sale. At the same time and place I will sell seven registered Short-horn bulls, two of them straight Scotch. Sale will be held on the farm five miles from Belmond and eight miles from Clarion. Free hotel accommodations to my guests at either Clarion or Belmond, also free conveyance to and from the farm. Address for catalogs.

COL. J. A. BENSON, AUCTIONEER.

T. A. DAVENPORT, BELMOND, IOWA.

## Sheldon Bros.' Sow Sale.

Old Proud Advance is dead, but his spirit lives on. He died February 2d at the home of the Proud Advance Stock Farm. On February 19th, however, will be the last time that Messrs. Sheldon Bros. will ever be able to offer sows bred to this old king of kings. The offering from this well-known herd is by far the best that ever were brought into the ring at this farm. One of the attractions, as there are many, is Lady Alix, the litter sister of Alix 2d, the great show sow. This is one that any breeder would be proud to own, as she is an individual of the massive type, being very smooth and of the very best of brood sow appearance. She will be remembered as selling in the Renshaw sale last spring and being very near the equal of her sister, the sweepstakes sow. She is bred to Ohio Chief 2d, which is one of the greatest sons of Ohio Chief that ever lived. In the estimation of many he is considered almost the equal of the noted Ohio Chief. A stronger back and better rib is seldom found on a hog. He is large and deep, with strong feet and legs. Sows bred to him will be attractions, also the get will be attractions next fall in your sales. One daughter of Ohio Chief, bred for a March litter to Proud Advance, is a very fine animal, being smooth and good size. This combination of breeding should be the catch of the season. The facts of the case in this sale are that Messrs. Sheldon Bros. are selling twenty daughters of Proud Advance bred to Ohio Chief 2d and almost that number bred to Proud Advance. The larger part of the offering are past one year and every one is a good one. The lot of fall gilts is the finest we ever saw, as they are mostly daughters of Proud Advance and out of the high class of sows which have been in use in the Sheldon herds. A new addition to the herd in the way of a herd boar is Crimson Chief, a son of Crimson Wonder, and out of Fancy West. He is the Crimson Wonder type, but is larger than the most of that family, but carries the qualities which have placed them in the fore rank of the Duroc breed. Several sows in the herd will be bred to him for the sale. This cross on the daughters of Proud Advance should make prize winners. We wish to say to those who have never attended a sale on this farm that there will be an offering sold February 19th that every animal will have size and quality. If you want a Proud Advance sow or a sow bred to Proud Advance you had better attend this sale. If you cannot do that, send a bid to Mr. M. T. White, Homestead representative, in care of the above firm and it will be properly looked after.

## Brown's Red Knight Sale.

A sale of Duroc Jersey bred sows that should attract breeders from all parts of the corn belt is that to be held at Osceola, Neb., February 21st, by Mr. E. J. Brown. Mr. Brown is a breeder of several years' experience and understands well the idea of properly mating hogs to produce the best results, and breeders will get the advantage of his years of experience at this sale. This sale consists of forty head of well-selected sows from about 100 head, and they are rich in the blood of the most noted prize winners. It was Mr. E. J. Brown who showed the great Red Knight that won first and sweepstakes at Nebraska State Fair, 1905, and he is considered one of the best breeding boars of the breed. There will be eight daughters of this great hog included in this sale and several of the best not by him are bred to him. Mr. Brown has used this great hog very successfully for three years and when it became necessary to find the proper hog to nick with the Red Knight sows, it looked like a hard proposition. After carefully inspecting several good herds and looking over the youngsters at the state fair, Mr. Brown purchased a son of Belle's Chief that would be a credit to any herd. He was fourth-prize pig at the Nebraska State Fair and had many friends for a better place. He is a grandson of Crimson Wonder on the dam's side and carries that great loin, broad back, good hams and side lines, a neat head and ear, good bone and good feet. The cross of this young hog on Red Knight sows ought to be something extra good. In Red Duster we have a very promising yearling. He is very large of his age and has as good a bone as you seldom see under a Duroc Jersey hog. He carries a good back, has good length, good ham and good head and ear. He is a grandson of the great sweepstakes boar, Gold Dust Jim, and is a very promising sire. With these three good sires in the herd and with the quality of the females he is offering we predict a great future in their offspring. We will go into detail more fully in regard to the sows in our next issue. Mr. Brown has a nice catalog prepared and it should be in the hands of every lover of good Durocs. Write for one and arrange to attend. If you cannot be on hand send a bid to Mr. Ray Page, of The Homestead, and it will be properly treated. When writing for catalog please mention The Homestead. Mr. Axel F. Johnson, of Osceola, will sell on February 22d.

## Poush's Great Brood Sow Sale.

One of the greatest Duroc Jersey brood sow sales that will be held in Iowa this year will be that of Mr. A. F. Poush, of Chariton, Iowa, on February 18th. Few herds in the state of Iowa or any other state can show such an array of brood sows as he is offering in this sale. Mr. Ed Poush

was never known to buy a poor sow, and as like begets like, he therefore is offering the cream of the breed. His gilts are extra large, good color and are right up on their toes. In the sale are ten daughters of Proud Advance. They are last spring gilts and are out of such sows as Madrid Belle by Wauneta Hub, who has two daughters in the sale and they are of the very best ones, as they have extra good feet and the rest to match. There are three out of Queen's Choice, a granddaughter of Tom Watson. They are the roomy type and are the making of great brood sows. One daughter of Nan Orion, the great brood sow by Orion Dandelion, is one of the very best ones of the sale, as she has nice color, neat head, good bone and as smooth as are often found. Two others are out of a daughter of Orion. One of these is the best show prospect of the lot. While her litter sister is more of the roomy type which make the great producers, to say which of these daughters of Proud Advance is the best would be quite difficult, as there is such a resemblance in the get of this great sire that one can almost pick them from the different herds over the country. Others of the good gilts are sired by Ben Davis and out of sows of the very best families. One of the attractions of this sale will be the daughter of Hanley which is a very smooth animal and as she is bred to Orion Advance she should be one of the desirable ones. Remember that the offering is bred to a son of Proud Lady and Orion, also a son of Savannah Belle and Ohio Chief, and for a third boar you find a son of Proud Advance and Daisy Orion. Most of the offering is bred to Savannah Belle Chief and Orion Advance. A better pair of young boars are hard to find. Write for a catalog, as every one in the sale is a good one. Kindly mention The Homestead and if you cannot be present send your bid to Mr. M. T. White, who will represent this paper at the sale, and it will be attended to.

## Cloverdale Farm Sale of Duroc Sows.

One of the good places to secure some excellent Duroc Jersey bred sows next week will be at the sale of Messrs. G. C. Everts & Son, on the farm, four and one-half miles south of Gray, Audubon county, Iowa. February 15th is the chosen date and as careful preparation has been made for the sale, it should score a success. A tent has been provided and rigs will be at hand for the use of visiting breeders to convey them to the farm. Train service is good from the north and south, so that those who are planning to attend this kind of sales need not fear any inconvenience in these respects. The twenty head of yearling and two-year-old sows include a first-class collection and represent the breeding of Orion's Ideal 4314 by Peerless Orion by Orion 5293. For breeding this is just what so many are looking for and they will find these sows of individual merit that deserve the name of their ancestry. Others are sired by Young Advance 4315 and by Top Notcher King 28578. The younger sows are a nice, uniform bunch and no breeder will be disappointed with them, as they are a thrifty, breezy-looking lot, of good scale and bone. These have been bred to Crimson Wonder Choice, a splendid grandson of Crimson Wonder 26355. He is an assistant that promises to make a good sire. You will find plenty of length and bone, as well as quality in this offering. Write for catalog at once and plan to attend this sale. Kindly mention The Homestead and bring the catalog with you.

## Last Notice John Justice Duroc Sale.

While this is the last notice of this sale, we desire to point to the fact that the event will not take place until Friday of the week following this. February 15th is the chosen date and Mr. Justice wants to be sure that every intending visitor will have a catalog in hand in time to find just what there will be in the offering. While Mr. Justice has not been saying as much about his sale as he might, it is no more than fair to say that there will be some good red hogs to be seen at the Greenwood herd on sale day. And by the way, it might be well to again mention the fact that those coming to this sale from or through Des Moines will find it most convenient to the 8:20 morning train on the Des M. I. F. and Northern railway for Quilhart crossing, which is but a few minutes' walk from the farm. It is only a mile and a half from Berwick and six miles from Ankeny, so parties may drive these distances without any inconveniences. The offering will have for special attractions two fall yearlings sired by Proud Lad and a number of March gilts of same breeding. Any of these will stand a good bid, as they are bred to two splendid young boars. Send for catalog at once and come to the sale. The favor will be returned. Remember, a good dinner at the farm.

## First-Class Gilts at Private Treaty.

There are always a few people who prefer buying in this manner. For those who are looking for some first-class Duroc Jersey gilts we would recommend them to write or visit Mr. W. E. Robey, of Truro, Iowa. Surely among his bunch you should find some fine picking. Size, bone and breeding are of the kind that this breed is noted for. Whether you buy of Mr. Robey by mail order or on sight, we can promise you that you will be treated fair and square in every way. Here is an exceptional opportunity to secure some first-class young stock at reasonable prices.

## Hamilton & Son's Annual Poland China Sale

GUIDE ROCK, NEB., FEB. 16, 1907.

## 43 Head of Big, Roomy Sows 43

These sows represent the blood of many noted prize winners, including Mogul Corrector, Go On, Hadley Jr. and many other noted sires. The best lot we have ever had to offer. They are bred to such boars as Mogul, the Nebraska champion; Major B. and I Am Allerton, one of the most promising yearlings in service today. Write for catalog. If you cannot attend send a bid to Ray Page, of this paper. We are also selling seven head of good Scotch-topped Short-horns.

J. H. HAMILTON & SON,

GUIDE ROCK, NEB.

Cols. John Brennan, G. B. Denny, J. H. Ellinger, Auctioneers.

## ORION DANDELION BRED SOW SALE

CORNING, IOWA, FEBRUARY 12, 1907.

50  
HEAD

Fall Yearlings, Matured Brood  
Sows and Spring Gilts.

50  
HEAD

16 OF THESE are sired by Orion Dandelion 24215, and these sows have been the greatest producing sows known to the breed. Also some fine gilts sired by I Am Crimson Wonder 41023, a grandson of Nebraska Belle. The gilts are sired by Improver Choice, Proud Advance and Kan't Be Beat. Gilts sired by Tip Top Notcher, Gold Dust, The Lad For Me and others; bred to O. E.'s Chief 55471 and Chief of Hazeldell 55469 (sons of Ohio Chief), Perfection Advanced 55467 and I Am Crimson Wonder. Catalog ready. Write for it and come to the sale. Address,

HARRISON & ROBINSON,

PIPER BROS., Auctioneers.

PRESCOTT, IOWA

## Second Annual Public Sale of Poland China Bred Sows

On Fair Ground at Algona, Iowa, February 15, 1907.

51 HEAD CONSISTING OF TWELVE TRIED SOWS, SEVEN FALL GILTS, THIRTY-ONE SPRING GILTS AND ONE HERD BOAR. 51

THE offering is as good a lot as will be sold this winter. The most of the gilts are bred to Robert Alert, the State Fair winner. Some of the gilts are bred to Meddler Jr., a son of the World's Champion. The rest are bred to Klever's O. K., Keep On Style, Black Hawk and Spellbinder 2d. They are boars of extra good quality and breeding. The sows have been selected and bred for the best results and cannot fail to do the buyer good. Sale in Stock Pavilion. No postponement on account of weather. Commence at 1 o'clock. For catalog, address either

H. H. STIYER, Route 2, Whittemore, Iowa, or M. P. DAN, Route 2, Burt, Iowa  
Cols. Al. P. Mason, James Jensen, Auctioneers, W. K. Ferguson, Clerk.

## 45 HEAD POLAND CHINAS

CONSISTING OF  
40 Bred Sows and 5 Boars

At WIOTA, IOWA,  
FEBRUARY 13, 1907,

DAUGHTERS of Chief Perfection 2d, Proud Perfection Jr., Keep On, Keep On 2d, Perfection E. L., Chief Sunshine 2d and Iowa Perfection. Bred to my two great boars WHO and CONTRACTOR. Sale to be held at the Franklin Center Stock Farm, four miles southeast of town. Catalog now ready. Address,

E. D. KEASEY,

Wiota, Iowa  
Col. J. West Jones, Auctioneer.

## DUROC JERSEY BROOD SOW SALE

I Will Sell 40 Head at  
Hubbard, Iowa, Feb. 12, 1907.

THEY are selected brood sows and gilts representing such great boars as Nother Boy, Eldora's King, Imperial, Hiram Chief, College Lad, Tintin and West Side, litter brother to Crimson Wonder. They are bred to Imperial Indiana Chief, Advancer II and Iowa Top, which are all good individuals. Write for catalog. Address,

LESLIE SHELTON, Hubbard, Iowa

## HOLSTEIN-FRIESIANS AT AUCTION.

ON TUESDAY, FEBRUARY 12, 1907.

I Will Sell at Public Auction at the Sale Pavilion at Union Stock Yards,

SOUTH OMAHA, NEBRASKA,

40 HEAD of registered Holstein-Friesian cattle consisting of 30 cows and heifers and 10 bulls. No better blood anywhere. For catalogs and information, address,

ROCK BROOK FARM,  
Henry C. Glessman, Sta. B. Omaha, Neb.  
Col. B. V. Kelley, Auctioneer.

When writing please mention this paper.

## Peter Mouw's

—TWO DAY SALE—

40 Head Hereford Cattle 40

50 Big Poland China Sows 50

ORANGE CITY, IOWA,

February 14-15, 1907.

The cattle will be sold on Feb. 14.—Nine bulls, including my two herd bulls. 31 cows, 10 with calf at foot, remainder bred to Harvey 4th, and Prince Donald.

The Poland Chinas will be sold Feb. 15, and are the largest, heaviest boned and lengthiest lot ever seen together, some will weigh 700 and 800 lbs. Write me at once for catalogs. Address,

PETER MOUW,

Orange City, Iowa

COL. F. M. WOODS, Auctioneer.

## SPECIAL BARGAIN SALE.

10 Two-year-old Short-Horn Heifers

Bred to an imported Cruickshank bull; also some extra fine young bulls, large boned and growthy, sired by an imported Cruickshank bull.

Also a few tried Duroc Jersey brood sows and a choice lot of gilts—the blood of Billy K. 20313, St. Paul, Manly Orion 3709, Cantine Boy 16319, King Perfection, Brilliant and Model Chief 11159 (A.). Prices from \$20 to \$50.

Wanted a good, fine stockman to buy a part interest and take management of farm. A good chance for a hustler. Reasonable terms.

J. E. GUERNSEY, Keosauqua, Iowa



# MASTODON POLAND CHINA BRED SOW SALE

In Heated Sale Pavilion, Harlan, Ia.

WEDNESDAY, FEB. 27, 1907.

W. W. Wheeler will sell 45 MASTODON POLAND CHINA BRED SOWS and gilts on the above date.

**The big, prolific, big boned kind,** with lots of quality. They are the right kind and have the right breeding and the right markings. They have been raised right, they have been fed right and they will treat the purchaser right. They contain the blood of Mastodon, Chief Price, Grand Chief Wonder, Surprise Wonder 5th, Longfellow, Longfellow B., Columbia Chief 2d, Demonstrator, Sunshine Chief, Orange Maid 6th, Orange Maid D., Lady Wonder 5th, and Lady Wonder 6th. Every lover of Poland Chinas is invited to attend this sale. If you can't come send bids to Col. H. S. Duncan, or M. T. White. Any lot in catalog will do you good. Send for catalog.

W. W. Wheeler, Harlan, Ia.

## The Perfection Chief Stock Company's Great Duroc Sow Sale.

On Monday, February 25th, at Maryville, Mo., the Perfection Chief Stock Company, a company that was organized by Mr. O. B. Kimmons and Mr. T. G. Nash, of Pickering, Mo., and also Mr. George M. McMurray, of Maryville, Mo., when these gentlemen bought the great show and breeding boar, Perfection Chief, will hold their first sale of bred sows. For this sale these gentlemen have listed fifty head of sows and gilts, many of which are great sows. A goodly number are bred to Perfection Chief, others are bred to Gladstone and Radiant. Perfection Chief was shown two years. In 1904 as a pig he won second at the World's Fair at St. Louis and in 1905 he was the first-prize junior yearling at the Iowa State Fair. He was got by Valley Chief, he by St. Elmo, a great breeding boar that was used with much success by Mr. Van Paten, of Sutton, Neb. His dam, Sutton Lady, was a first-prize winner at the Nebraska State Fair a few years ago. She was got by Van's Perfection, a boar that won championship after championship in 1903, defeating the best hogs of the breed. In breeding condition Perfection Chief weighs 800 pounds and is as smooth as they are made. Radiant, another boar and one to which several sows are bred, is Manley-bred and comes of winning ancestry through both sire and dam. As a sire Radiant is one of the best, and Radiant pigs are the kind that please the most critical judges. Gladstone, a McFarland-bred boar and one that has proven a success in Messrs. Nash & Kimmons' herd, has been used on a few of the offering. The sows listed are the tops of the herds these gentlemen own, and there are attractions here that are the equal of any that go through any sale ring this year. Mr. O. B. Kimmons practically makes a dispersion sale, as he is moving from his present location to a farm near Maryville, where he will continue in the Duroc business and will found another herd. It is with reluctance that he parts with several sows, but he cannot keep all the good ones. He and Mr. Nash will have in the sale two yearling daughters of the great Proud Advance. The writer has seen many Proud Advance sows, but as yet he has not seen two better ones than these. They are best described as two almost faultless sows. Just how the breeders will place them remains to be seen sale day. Both are brood sows and will prove a valuable addition to any herd. They are in pig to Perfection Chief. There are a number of great sows in this offering of Messrs. Nash & Kimmons' and the man wanting top stuff will find it here. In all, these gentlemen sell twenty-one yearlings and matured sows and fifteen spring gilts. Some Radiant gilts will bear inspection. Mr. George M. McMurray, the other member of the firm, sells fourteen spring gilts, all good ones, the tops of his 1906 crop, and the top of Mr. C. A. Wright's fall sale. The Wright gilt, American Beauty, was got by Challenger and out of a daughter of Sneed's Champion. She was also the first-prize gilt at the St. Joseph Interstate Show last fall and is bred to Butler Orion, a boar Mr. Wright paid a long price for at the Iowa State Fair last fall. Two gilts got by Chief No. 1, a grandson of Ohio Chief and out of a Top Notcher sow, will be found among the good things Mr. McMurray sells. Then there will be eight sisters which Mr. McMurray calls the Nodaway Sisters, that were got by Iowa King and are out of Nodaway Nora, the top sow of Mr. A. F. Russell's sale last year. These are good and will please the more critical buyer. The Perfection Chief Stock Company sell on Monday so that buyers from a distance who are attending the Iowa and Missouri Circuit the week before can stay over Sunday as the guests of the Perfection Chief Stock Company, and at their expense. It will pay any who want something extra good to be on hand Monday, February 25th. Write today for a catalog of this sale and kindly mention this paper when doing so.

## Watson, Woods Bros. & Kelly Company's Great Horse Sale.

We want to especially call the attention of our readers to Watson, Woods Bros. & Kelly Co.'s annual sale of imported stallions. This firm inaugurated the selling of strictly first-class imported stallions at auction one year ago. While the prices realized at that time only averaged \$1,150, still the firm were satisfied and believed that a little education would convince the people that this was the way to buy them and that in the future where sales were conducted as their sale was last year, strictly on the square, the prices would be a little bit stronger for a good horse. They

are offering this year, on February 26th and 27th, sixty head, comprising thirty-five Percherons, twenty English Shires, five Royal Belgians and one Oldenberg Coach stallion. The Percherons all run black but six. There are five yearlings, fifteen two-year-olds and the balance three and four-year-olds. From a personal inspection of these horses we are free to say that they are certainly a very superior lot. They have many coming three-year-olds that will walk on the scales today in ordinary flesh and weigh from 1,800 to 1,900 pounds. They have one four-year-old that will weigh 2,200 pounds and quite a number of strong ton horses. This is equally true of the Shires and also the Belgians. In fact, we think there is no question but what this will be the grandest offering of imported stallions ever put under the hammer in the United States. It will be well for those contemplating purchasing a stallion to remember the date, February 26th and 27th, and be on hand. The sale will be held in the new live stock pavilion at the state fair grounds, which will be nicely heated. Cars will run from Lincoln to the fair grounds on both days. If you will write to Watson, Woods Bros. & Kelly Co. they will send you their beautifully illustrated catalog, showing the pictures of nearly half the horses to be sold. They will also offer at the same time four imported mares, three of them with filly colts at foot, and one pair of home-bred mares. Two of these imported mares weigh a ton and over today. The other two are a matched pair of blacks, weighing 3,600 pounds. All four of them are heavy in foal to a good, strong, ton stallion. This will be a great opportunity to buy good mares at reasonable prices. There being so few in the sale it will not attract a large mare crowd, and those who come will certainly derive the benefit. Send for catalog and mention this paper. See page 54.

## The Commodore Duroc Sale.

One of the best Duroc Jersey sales of the year is that of Messrs. Amos W. Harris & Sons, of Waverly, Ky., which will be held at Louisville, Ky., on February 22d. The record which this noted boar has made this year is one to feel proud of, especially in view of the fact that the premiums have been won in the strongest shows. The females which go into this sale bred to Commodore, represent the leading blood of both the East and West, and will prove valuable additions to any herd. There are only a few females bred to Commodore which will be sold this year, and the man who misses this opportunity both loses money and valuable additions to his herd. There are a few gilts in the herd, some by Commodore that will be bred to Top Notcher 10th. This boar was bred by Messrs. Watt & Foust and sold as a pig to Mr. E. F. Hurlburt, of Stonington, Ill., and registered as Red Cloud 10445 (A.), and sold by Mr. Hurlburt to Mr. L. D. Radcliff, from whom he was purchased by Messrs. Harris and re-registered by them as Top Notcher 10th, so that he would be in the family name. As Red Cloud he sired Owanecco Belle 27564, the dam of Gold Cloud, the champion boar at the Illinois State Fair, now at the head of the good herd of Messrs. Fred Kreschel & Son, of Macon, Ill. This gives the two boars in the Harris herd the distinction of either being champions or producing champions at the Illinois State Fair in shows of large numbers and in competition with some of the best hogs of the breed from several states. The catalogs of this sale are now ready and will be mailed to all who are interested in Durocs if they will write as per the advertisement on page 39 of this issue. It should be noted that a High Chief sow bred to Commodore, sold in the sale of Mr. H. B. Griffiths, at Bowen, Ill., on Thursday of last week at the top price of \$525. There was keen competition for this sow and she was worthy of the good herd into which she was sold, that of Messrs. Fred Kreschel & Son, of Macon, Ill. Western breeders who wish to add new blood to their herds should not miss this sale. Bids sent to Mr. D. M. Pierce, care of Willard Hotel, Louisville, Ky., after February 15th, will be properly handled. Write for catalog of this noted sale at once, kindly mentioning this paper.

## Monsees & Sons' Jack and Jennet Sale.

Each year, on the first Tuesday in March, Messrs. L. M. Monsees & Sons, of Smithton, Mo., make a public sale of jacks and jennets. This year on March 5th they will offer sixty head of unquestionably the best jacks and jennets they have ever put through a sale ring. This is saying a great deal, but Mr. Monsees asks all who can to come the day before, examine the stock and sat-

## ANNUAL SALE

# DUROC JERSEYS

40

BRED SOWS

AGED--YEARLINGS--GILTS

40

AT OSCEOLA, NEBRASKA, FEB. 21, 1907.

I WILL sell on the above date forty head of select brood sows that are the best I have ever offered. Eight daughters of the great Red Knight 25199, first and sweepstakes boar Nebraska State Fair, 1905. Eight granddaughters of Crimson Wonder and out of Red Knight dams. Fourteen Belle's Echo gilts. Scale and bone are my specialties. My sows are the large, roomy kind that make good mothers. They are bred to three as good boars as I am able to get together. Write for catalog. Mail bids may be sent to Ray Page of The Homestead.

E. J. Brown, Prop., Osceola, Neb.

COLONEL CALLAHAN, AUCTIONEER.

Isfy themselves that this is no exaggeration. It is hardly probable that another such a show of jacks of the mammoth strain have ever been seen in one barn. The development of size and bone is but little short of phenomenal, but is easily understood when it is learned that the majority of these jacks are of Messrs. Monsees' breeding or descend from Superior Mammoth, the Chicago World's Fair champion, and Orphan's Boy, the St. Louis World's Fair champion. A number of the jennets will sell with jack colts at side and to please many who have asked for yearling jack colts, Mr. Monsees has listed seven yearling jacks, every one a good one. Among the many good ones is a prize winner at St. Louis World's Fair. This jack should go to a section of the country where the best is wanted. Watch for future articles on the greatest sale Messrs. Monsees have ever made. They have the goods and you should arrange to be there if you want a jack or some jennets. See page 44 for advertisement and write today for a catalog, mentioning this paper when doing so.

## Some Good Duroc Jersey Sows for Sale.

We direct the attention of Homestead readers to the advertisement on page 35 of Mr. A. L. Mossman, the Duroc Jersey breeder of Radcliffe, Iowa. Mr. Mossman has a number of richly-bred sows which he is offering for sale to make room for his coming spring crop. They are bred to A. L.'s Chief 4332,

one of the good sons of Ohio Chief, and Corrector 2d by Mr. Nidlinger's Corrector. They are of the same quality and breeding as the forty-four breed sows which Mr. Mossman recently sold at public auction and made the grand average of \$76.80. They have been handled and fed so that they will do the purchaser good and will be sold at a reasonable price. Mr. Mossman can be reached by telephone and we would suggest that if any of our readers want some first-class Duroc Jersey bred sows that they write him for further particulars.

## Some Good Dutch Belted Bulls.

The Elmside Farm, of Garden Grove, Iowa, is offering on page 35 of this issue, two extra good Dutch Belted bulls. One of these is a two-year-old and the other a yearling, and they are typical individuals of the breed with strong constitutional powers. Dutch Belted cattle are increasing in this country and are finding an important place on account of their heavy milking qualities, together with their fattening ability when placed in the feed lot. It is doubtful if any breed has been built up more carefully than the Dutch Belted, because they were for many years handled only by the nobility of Holland. To those who have pure-bred herds or who desire something for crossing purposes we recommend that communication be established with the proprietor of Elmside Farm, Mr. C. D. Mallette, of Garden Grove, Iowa.



**Last Call for the Morrison Bred Sow Sale**

With this issue we call the attention of our readers for the last time to the Duroc Jersey bred sow sale of Messrs. John M. Morrison & Sons, of College View, Neb. We consider this one of the great attractions of the bred sow season for two reasons. First, that it is the home of the great Kan't Be Beat, the \$2,500 boar and winner of more first and sweepstakes ribbons than any hog in the business, having won fifty-seven first and sweepstakes premiums out of fifty-eight times shown. This is a record that is outstanding in the history of winnings of a Duroc Jersey boar. Not only has he been a great show animal, but has produced many show hogs that have won ribbons in the hottest competition. The other reason why this sale should be attractive is the fact that this is the home of more prize-winning sows than any herd in the West. Messrs. Morrison have been buyers of nothing but the very best, purchasing some of the highest-priced prize-winning sows offered in the last two years. There will be forty-five head in this offering, including seven of their tried sows, six fall yearlings and thirty-two growthy spring gilts, every sow bred to the great Kan't Be Beat. Village Pride, one of the best producers Messrs. Morrison have ever owned, will be sold in this sale. She was a Nebraska State Fair winner two years in succession and has been a very profitable animal in their herd. Sheza A. Gooden, a daughter of Crimson Wonder, dam Miss Bob, is another great attraction of this sale. She was a winner at the Iowa and Nebraska State Fairs as a yearling and is bred to the great Kan't Be Beat for an early litter. Seven of this litter were sold by Messrs. Morrison for \$874. Sutton Lady is a daughter of the great sweepstakes boar, Van's Perfection, and second-prize sow at the Nebraska State Fair; she is a sow that should find a home in some good herd. Crimson Lass of Cherokee, a full sister to Crimson Wonder and litter sister to Glendale Critic, is a sow that is considered one of the best yearlings to be sold this year, and bred to this hog surely ought to produce something very choice. Ceres Belle by Bell's Echo, dam Ceres 4th, the dam of the great Red Knight, is also to be sold and the man who buys her and cares for her litter is going to have something that will make him a lot of money. Of the gilts twelve are daughters of the great Ohio Chief and trace to the most noted sires on the dam's side. They are very growthy and with quality enough to go into any company. No man can afford to limit his bids on these gilts, as they are certainly great prospects. Come to this sale, look over this great offering and you will feel well repaid for your time. They invite breeders to be their guests from the time they get off the trains until the sale the following day. Plan to be present at College View, February 12th. You will be more than pleased with the offering. Write for a catalog at once and arrange to attend. Mention The Homestead when writing.

**Last Call for the Rosenfeld & Siverly Angus Sale.**

At Kelly, Story county, Iowa, the above breeding firm will sell on Friday, February 15, 1907, forty head of Angus cows and young bulls. Especial care has been taken in getting this offering together to make it an attractive one, and those who are looking for some good representatives of this breed will do well to carefully look over the catalog and inspect the selection sale day. The farm is right at the edge of town and free entertainment will be furnished to those from a distance. No. 1 in the catalog is a Heatherbloom cow sired by Beau Elsmere 23724. While this cow is advanced somewhat in age, she shows good indications of much future usefulness and is in good condition even though she has recently weaned a lusty bull calf. Another is Bonnie Heather Bell 67111, a four-year-old and a beauty, with the type of the early-maturing kind. A yearling bull sired by Dutch Watson 41202 out of this dam, is in the sale. A Barbara cow is one of the creditable ones and is a good mother, as well as a fine cow to own in a herd. She has a heifer in the sale that will show how she breeds. Another of this breeding is Queen Barbara 81736, a coming three-year-old, and from indications promises to make a most excellent producer, as her calf at foot will show. She is safe in calf to the herd bull, Blackene. Here is a three-sided proposition and one worth close attention. There will also be good numbers in some Georgianna cows, also a Ruth cow, the dam of a fine show steer. This cow is sired by Broadus King 2d and is one of the good ones. At the head of the herd stands Blackene 72214 by Blackwood Lad 42084. He is a very strong individual and his type is right. Most of the cows are bred to this bull. The young bulls are a very smooth bunch and range in age from nine to eighteen months. They are sired by Prince of Fairview 61796. Investigate this sale. It will be a good chance to get some extra good breeding Angus. Write for catalog. Advertisement appears on this page. Kindly mention The Homestead.

**Last Call for J. H. Watson's Fifth Annual Poland Sow Sale.**

On Tuesday, February 12, 1907, Mr. J. H. Watson will sell forty head of his best sows and gilts in a comfortable sale tent at Madrid, Iowa. The collection should be an attractive one, as it contains a strong combination of first-class individual merit and choice strains of Poland China blood. For attractions Mr. Watson has selected several of his best sows which have been very regular and reliable producers. One of the sows, a three-year-old, is sired by Johnson Chief 62243, a sweepstakes boar at Lincoln, Neb., in 1902. The sow herself is a very smooth, large hog and some of the best yearlings in the sale are from her litters. She is in pig to J. H.'s Dude 118073, a splendid son of Nemo L's Dude, one of the good Iowa hogs. Others of the sows are sired by Chief Perf. 2d, Keep On, Look's Choice and Mondamin Sunshine. The fifteen fall yearlings are large and growthy and will surprise many on sale day with their great size and straight bone. They are sired by Trade Mark 65313 by Mahaska Chief 41549. The gilts are bred by the same pattern in individuality, and those afraid of short, blocky gilts may here cast their fears to the winds. They

have been mated to two very strong individuals in J. H.'s Dude and Mischief Model. Several young boars and sows sired by Winning Dude are consigned by Mr. E. M. Metzger, of Fairfield, Iowa. Plan to attend this sale. Here will be a splendid chance for beginners to buy, for not an animal goes in the sale that is not absolutely a reliable and regular producer. Send for catalog at once, mentioning The Homestead.

**Letters From Fellow Farmers.**

There is nothing, we believe, that is more valuable to farmers than the interchange of ideas, experiences and methods connected with the operation and management of their farms. It is a policy that ought to be encouraged and agitated in the farm press because it is one that is so fruitful of good. If you, dear reader, have during the past season successfully overcome some disease among your stock; if you have by taking precautionary methods prevented a scourge getting foothold on your premises even when it has been prevalent in your neighborhood, what better service can you render your brother farmer, though he may live 1,000 miles from you, than to voice your experience in some way that he may be benefited thereby. We are glad to note that this custom is becoming more general and in our advertising columns in this issue is an advertisement of a well-known firm who are offering to send a "budget" of letters from farmers in their own words and handwriting telling their experiences in preventing and curing such diseases as scab, mange, eczema, etc., and ridding stock of lice, ticks, fleas, etc., which certainly make very interesting and instructive reading. We have read some of these letters and can say without hesitation they are worth hundreds of dollars to those who keep horses, cattle, sheep and hogs, for the reason they tell the actual experiences; how the writers have battled with, conquered and overcome contagious diseases and pests among their stock. One man writes his pigs were dying off with sore mouth and skin disease and how he stopped the death loss. Another tells how he cured Texas itch and lice among his cattle—in fact these letters cover every disease and parasite that is known among farm animals. Another man writes how he cured a colt that was badly cut on a barb wire fence. Certainly such information is of unusual value to farmers. What can be learned from the experience of others is more than clear gain, for it will prevent a similar loss if the lesson it teaches is followed. Just turn to the advertisement of the Marshall Oil Company, Marshalltown, Iowa, on page 12 and then send for this "budget" of original letters. They will gladly send it free post-paid to anyone writing for it.

**Additions Made to the Edmonds, Shade & Co.'s Herefords.**

Two important additions were made to the Hereford herd of Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, on Friday of last week. On that date the purchase was made of the great herd header, Imp. Albany, the highest priced two-year-old bull ever sold. This noted bull was at the head of the Avery & Hines Co. herd at Alto Pass, Ill. He has never been defeated in any show and was a champion bull in England; indeed, he comes from a family of champions because his sire was champion of England for four consecutive seasons. This bull is still in his prime, and the firm of Messrs. Edmonds, Shade & Co. are to be congratulated over their good fortune in securing him. On the same date the firm purchased Imp. Queen Quarantine, a seven-year-old cow bred by Her Majesty Queen Victoria. The addition of two such animals as these to one herd on one day is an event of more than ordinary importance, and for that reason we have thought that the friends of Herefords generally and those who have had occasion to be interested in the Edmonds, Shade & Co. lines of breeding would be interested in the announcement of the above fact.

**Lefebure's Big Sale of Chester White Bred Sows and Short-horn Cattle.**

Mr. John Lefebure, of Fairfax, Iowa, will sell at his farm, three miles from Fairfax, Iowa, on February 21st, forty-two head of the choicest Chester White bred sows that was ever offered by one breeder in a one-day sale. One of our representatives, who is a practical swine breeder, has carefully inspected this offering and pronounces it excellent. Fine heads and ears, splendid feet and legs, with 300-pound bodies on March and April gilts of right conformation are not easily obtained, but Mr. Lefebure has them. He sells at the same time and place twenty good Short-horn cattle, among which are some good Scotch animals, Brawith Buds, Secrets, Victorias, etc. Our next issue will contain particulars. Application for catalogs should be made to Mr. John Lefebure, of Fairfax, Iowa.

**Last Call for the Kirkpatrick-Wilson Duroc Jersey Sale.**

Few sales this year will possess better breeding than will go through the Kirkpatrick-Wilson sale on February 13th. They are offering thirty-five head that represent the blood of the most noted strains of the breed. They have always used good boars. Crimson Wonder was used in the Kirkpatrick herd and it was a blow to the Duroc Jersey breeders when this hog was accidentally killed, as he was surely a great breeder. Of this offering five are matured sows, three fall and one spring yearling and twenty-six spring gilts. The three fall yearlings and one aged sow are daughters of the great Crimson Wonder and the get of this boar included in this sale are worthy of a place in any good herd. The one spring yearling to be offered will be bred to the great Kan't Be Beat. About fifteen of the best gilts consigned by both parties are bred to Lincoln Wonder, a son of Ohio Chief, that is surely one of the best young boars of the year, and if there is anything in the fact that like produces like the get of this young boar should be sought for by leading breeders. The balance of the gilts are bred to Crimson Model by Malcolm's Model, dam Glendale

**Great Short-Horn Dispersion Sale.****—TO BE HELD AT—****LOOMIS, NEB., FEBRUARY 15, 1907.****24 Cows and Heifers 24****4 Aged Bulls, 10 Yearling Bulls, Including the Great Scotch Bull, Goldie 152298**

There will be some excellent Scotch and Scotch-topped cows and heifers in this sale; also a fine bunch of young bulls. The great young bull, Prince Volomia 223588, by Orange Viceroy 164269 is also to be sold. I will offer my entire lot of breeding cows, some with calves at foot by above named bulls. The breeder and farmer will find what they are looking for here. They are the dual purpose Short-horn. Write for catalog. When writing please mention this paper.

Address,

**A. H. MATTSON, - LOOMIS, NEB.**

COL. I. R. DOTY, Auctioneer.

**REMEMBER THIS DATE AND PLACE****TUESDAY, FEBRUARY 19, '07  
MAXWELL, IOWA.****We Will Sell in Sale Barn****11**

*Fried Sows and Yearlings*, sired by Regardless 93337, D. G. Tec. 54457, D. G. Chief 71603, Chief Perfect 68297, Johnson's Chief 62243. All valuable producers of vigorous litters. First-class individuals. Produce among the gilts. Bred to Perf. H. 10647 and Dude Pedrick.

**30**

*March Gilts*, representing rich lines of Perfection breeding. Great big growthy gilts, with quality and bone of the best. Bred to Keep On Again 116719, Dude Pedrick and Perfection H.

**Valuable Producers. Show Material. Unexcelled Foundation Stock. Send for Catalog.****J. E. Hull****J. O. Thompson**

Bids sent in care of above will be properly handled by Col. H. S. Duncan, Auctioneer, or L. E. Troeger, Homestead representative.

**GRAND ABERDEEN ANGUS SALE****Kelley, Story County, Iowa.****Friday, February 15, 1907****29**

Choicely bred cows of Heatherbloom, Barbara, Georgianna, Jeanette, Ruthven, Mina and other valuable families. Phenomenal breeders. Excellent individuals. Some with calves at foot. Bred to Blackene 72214, by Blackwood Lad.

**11**

Excellent young bulls, nine to eighteen months old. The produce of the above dams. Some are show material. Everyone a representative Angus. In splendid condition. Sire: Prince of Fairview 61796. Pure bred Horse Sale same day and place at 11 o'clock A. M.

**Rosenfeld and Siverly****KELLEY, IOWA.**

Col. Igo, Auctioneer.

Send for Catalog

**WELCH-SKINNER****Duroc-Jersey Sow Sale****Bedford, Ia., Feb. 14, 1907****Matured Sows, Yearlings and Spring Gilts**

Sired by old Mogul, Mogul's Best, Tip Top, Shroder's Top Notcher and a son of the great Proud Advance. These are bred to Expansion, a son of Orion Chip, Billy Golden and I. C.'s Crimson Wonder. We are selling the very best sows that we could select out of our two herds. Write us for catalog at once and come to the sale. Address,

**I. C. WELCH,****J. SKINNER & SON,****BEDFORD, IOWA.****PIPER BROS. AND R. C. MICHAEL, AUCTIONEERS****RUEBEL BROS.' THIRD ANNUAL SALE****FEBRUARY 12, 1907.****60 POLAND CHINA BRED SOWS.**

Consisting of matured sows, fall gilts and spring gilts. Bred to R.'s Keep On, one of the great sons of the noted Keep On 61015, and Iowa Chief, by Ed. Klever's Thicket. Iowa Chief is the best Thicket boar in Iowa—twenty are bred to Moderator, the great young boar we purchased of John Blain, Pawnee City, Nebraska. This was the best extra large smooth pig that Mr. Blain was able to find after visiting twenty-five or thirty of the best herds in Nebraska and Iowa. There will be sows in this sale sired by Chief Perfection 2d, Keep On, Mischief Maker, Chief Tecumseh 3d and other noted boars. If you want size, breeding and quality you can get it here. Get your name on our mailing list for a catalog.

**RUEBEL BROS.****ROCKWELL CITY, IA.**

Maid, the first-prize sow under six months and come to the sale. You will be well at Iowa and Nebraska State Fairs in 1905. taken care of while in Lincoln. When writing for catalog, look over this breeding and please mention The Homestead.



# PRIZE WINNING DUROC JERSEYS AT AUCTION

**In Heated Pavilion at Remington, Ind.,  
ON MONDAY, FEBRUARY 11, 1907.**

**FORTY HEAD---THE PROPERTY OF MR. JOHN A. TETER, OF REMINGTON, INDIANA.**

In 1906 herd was shown at Michigan, Indiana and Illinois State Fairs and won 29 prizes, including two grand championships, three championships, ten firsts, nine seconds and six thirds. Many of these prize winners are included in the offering. Special Attraction—Clover Blossom 1st 39900 (A.) by Crimson Top 12501, dam Clover Blossom 28828 by Kan't Be Beat, champion and grand champion sow Michigan State Fair, Detroit, 1906; second at Indiana State Fair and third Illinois State Fair, 1906, goes into sale bred to Golden Chief. No better sow of her age will go through the auction ring this winter. Four other state fair prize winners included in the offering. This sale can easily be made on the way to the noted Ohio circuit without any additional expense. Write for catalogs, mentioning The Homestead.

**COLS. KEIL, HARMON & KENYON, AUCTIONEERS.**

**J. A. TETER, REMINGTON, IND.**

Send bids to Mr. D. M. Pierce, representing the Homestead, in care of Mr. Teter, and they will be properly handled.



Third prize boar Indiana State Fair, 1905, also sire of 1st prize male pig, 1st prize sow pig, 1st prize young herd, 1st prize get of boar, 2 firsts on herd bred by Exhibitor.

## Grand Junction, Ia., Combination Poland Sow Sale.

At Grand Junction, Greene county, Iowa, February 19th, 20th and 21st, will be held a combination sale which will represent carefully-selected drafts from the herds of five successful breeders in the vicinity of the above named place. The consignors are Messrs. Geo. F. Frele, of Ogden; C. C. Healy, of Dana; and G. W. Wampler, J. L. Hudson and C. M. Howard, of Grand Junction. Each one of these breeders has taken especial pains to select only the best from their respective herds, since this is the first offering which they are about to sell in combination. We can safely recommend breeders and farmers to lend their hearty support to this sale, as each of the consignors is well known in their communities and the offering that will be brought together on the three sale days will speak for itself regarding the success which these men have achieved in their work as breeders. This sale will be an excellent opportunity to secure some choice sows for starting a herd. All the numbers offered in this line have proven very reliable, regular breeders and none of them have reached that stage where their abilities along this line are on the wane. Naturally a collection of sows from a number of herds will bring together some choice ones and will represent a number of different lines of breeding. This is quite true in this instance. There will be something there to suit every person that is looking for good hogs. The breeding is standard and represents a number of the very best strains of breeding. If you have not yet been favored with a catalog you should send for one at once, as the list is so extensive that in our small space we can only recommend the offering to you as a whole. Those looking for gilts will not experience any disappointment should they find it their good fortune to bring away some one of the many choice ones to be sold that day. There is among the collection a great number of large, heavy-boned, growthy things from March litters that are big as yearlings. They will certainly be attractive to anyone wanting some of the big kind of Poland. The list of boars to which this collection has been bred is a very representative collection, both in regard to their individual merit and breeding. Plan to attend this sale one day at least, if you cannot take in all three. Catalogs may be procured by writing to Mr. C. C. Healy, of Dana, Iowa. Kindly mention The Homestead when making this request.

## Combination Poland Sow Sale, Maxwell, Iowa.

On Tuesday, February 19, 1907, will be held a combination sale of Poland China bred sows and gilts at Maxwell, Iowa, in Story county, that will offer some first-class representatives of this breed. Messrs. J. E. Hull and J. O. Thompson are the two consignors and have planned to have the sale take place in comfortable quarters in town. The offering consists of the best there are in the herds. In fact some of the sows are reluctantly entered and would not be were it not for the fact that these gentlemen are making their first sale and want it to be a success. Among the eleven head of mature sows and yearlings are some splendid individuals of outstanding merit, both in regard to breeding and conformation and prolificacy. Visitors and buyers will find plenty of size and bone in the offering, as well as quality. One of the numbers worthy of special mention is a sow, T. C. Whiteface, with two gilts, a yearling and a two-year-old in the sale. This group will bear some close investigation and it would make a most excellent start for foundation purposes. An offer on the old sow of an even hundred has been refused. Another worthy bunch is six yearlings and tried sows sired by Regardless 93337 principally. This lot is large and growthy and strong in bone. They should be most satisfactory individuals in any herd. Another to mention is a sow by Johnson's Chief 62243 and is one of the big kind of sows that are sure breeders and money makers. The gilts include some very large and well-grown things. Just the stuff for making roomy, breezy sows. These are sired by a great powerful son of Big Chief Tec. 82321, bred by Mr. Harvey Johnson. Others are sired by Chief D. 87425 and Perfection H. 106471; others by Mischief's Model 98435. One of the yearlings, Tec. Beauty, was a first prize county fair hog. The mature sows are bred to Perfection H., also Dude Federick, an 800-pound yearling and prize winner. Another is Keep On Again. This is a first-class offering and bred to first-class boars. Send for a catalog at once and investigate. Plan to attend and lend your en-

couragement to this sale. These breeders will be glad to return your visit. Kindly mention The Homestead when sending for catalog.

## Poland China Bred Sows for Sale.

Mr. T. A. Davenport, of Belmond, Iowa, a well-known and reliable breeder of Poland China swine and Short-horn cattle, announces his bred sow sale at the Pike Timber farm February 21st, at which time and place Mr. Davenport is offering for sale fifteen splendid aged sows, all safe in pig to Superior Sunshine and fifteen spring gilts sired by this same boar, but bred to Pike Timber Perfection and Pike Timber Meddler. The first-named boar was sired by Jewel Perfection, he by Lee Perfection and out of a daughter of Proud Perfection, while the last-named bog, Pike Timber Meddler, was sired by the show hog, Meddler, and he by Mischief Maker. His dam was Perfection and she by Proud Perfection. Thus, it will be seen that these two young boars to which these gilts are bred are possessed of choice breeding. Homestead readers who are in search of good Poland China blood should keep this sale in mind and make their arrangements to attend it on February 21st. Mr. Davenport has always been successful with his Poland Chinas, never having any trouble whatever in disposing of all the male pigs that he could raise, at an early date. The fact should not be lost sight of that his herd boar Superior Sunshine is also listed for sale. His record number is 92455. He is a two-year-old boar, or will be three in March, and was sired by Perfect Sunshine, his dam being by Superior U. S. 72111. Here is a grand opportunity for someone to secure a splendid Poland China boar and a good breeder. At the same time and place, Mr. Davenport will sell seven Short-horn bulls, two of which are Scotch. In ages these bulls run from thirteen to sixteen months. Some are sired by Imp. Charmer and others by the Duchess of Gloster bull, Baron Gloster 8th.

## Watt & Foust and Mahan Bros.' Durocs.

Much interest has been taken in recent years in the Duroc herds of Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, and Mahan Bros., of Osborn, Ohio. They have shown stock at some of the greatest shows of the country and have always won their shares of the ribbons. It is not necessary to repeat their winnings, as every breeder is familiar with the names and winnings of these two firms. In the offerings which breeders will have an opportunity to secure at Dayton, Ohio, on February 12th, are a number of show-yard winners and some valuable females which if properly cared for will certainly make show-yard material for the fall shows. The blood of the noted Kan't Be Beat, a boar which has done much for the breed in both the East and West, is found in this offering, and some of his yearling daughters which have won prizes throughout the entire country will go into this sale. The boars in use in these herds have been winners and the females winners, so that the breeder looking for prize-winning stock may reasonably expect such if he sees fit to buy from these good herds. We take pleasure in recommending this offering to the readers of The Homestead in the market for good breeding stock. Those of our readers who are present at the sale of Mr. J. A. Teter, at Remington, Ind., may easily reach this sale. Stop at the Phillips House at Dayton, Ohio, at the expense of these gentlemen and you will be well taken care of. Bids may be sent to Mr. D. M. Pierce, as per the advertisement on page 56 of this issue. Kindly mention The Homestead when writing and arrange to be present at this important sale. This is the first of a series of noted sales in Ohio, all of which can be reached from Dayton at a very small expense. Plan to be present at this noted sale.

## Neal's Dispersion Sale, February 20th.

On February 20th, Mr. H. C. Neal, of Houston, Neb., will disperse his entire herd of Poland China hogs, among which are some very choice individuals. It is not often that one gets an opportunity of this kind and when we do, we should act at once. This is a dispersion sale. Mr. Neal has decided to move off the farm and for this reason is scilling the entire herd. Two great herd boars will be offered and those in need of a tried sire should attend this sale and take a look at Cedar Lawn Chief. He is by Allertou's Chief and has for a dam Cairo Girl by L's What's Wanted. He is the type of hog that is in demand at present and as a breeder will have

## Great Kant-Be-Beat Sale

**1-2 Interest in the Sensational King of Prize Getters, Kant-Be-Beat 10239a and 41 tried sows, yearlings and gilts at Public Auction**

**FEBRUARY 12th, 1907**

We give you the data regarding Kan't Be Beat, you judge for yourselves. Kan't Be Beat won 57 firsts and sweepstakes out of 58 showings.

The get of Kan't Be Beat have won 81 firsts, Champion, Grand Champion and sweepstakes prizes.

The combined prizes of Firsts, Champion, Grand Champion and Sweepstakes of sire and get reach the unparalleled number of 138.

### KANT-BE-BEAT'S LIST OF CHAMPIONS

Champion and Grand Champion sow, Illinois, 1906.

Champion and Grand Champion sow, Ohio, 1906.

Champion and Grand Champion sow, Kentucky, 1906.

Champion and Grand Champion sow, New York, 1906.

Champion and Grand Champion sow, Illinois, 1905.

Get won two loving cups at Ohio and Indiana, each valued at \$100., 1905.

Sweepstakes litter over all breeds, Oakley Park, 1903.

Champion boar, Oakley Park, 1903.

Champion sow, Oakley Park, 1903.

Champion boar, Xenia, Ohio, 1903.

Champion sow, Xenia, Ohio, 1903.

Champion boar, Washington, C. H. O., 1903.

Champion sow, Washington, C. H. O., 1903.

One sow with 17 firsts and sweepstakes all taken at state fairs.

Mated to this unparalleled sire of prize winners, we offer 41 sows, 12 gilts sired by Ohio Chief, out of prize winning dams.

We have also put in the prize winners, Village Pride, Sheza Good-unc, Sutton Lady, Crimson Lass of Cherokee and several other producing dams. Send for catalog.

**Col. T. C. Callahan, Auctioneer.**

**John M. Morrison & Sons**  
College View, Nebraska

"Headquarters for out of town breeders, Hotel Royal 1516-22  
O St., Lincoln, Neb. One of the best Hotels in the West."

## DUROCS Huff's Second Annual Sale MONDAMIN, IOWA, FEBRUARY-13, 1907

**44 HEAD OF CHOICE SOWS 44 HEAD**  
7 Mature Sows, 10 Fall Yearlings, 27 Gilts

STRONG in the blood of Orion, Iowa Challenger, Onawa Orion by Orion's Profit; E. Z. by Sur-prize; Rustler by Glendale Chief and other noted strains. Sale at farm, four miles north of town in heated and seated tent. Send for catalogs and plan to spend the day with us.

**C. W. HUFF, - MONDAMIN, IA.**  
Tupper Bros., Auctioneers.

enough of his get in the sale to make a very creditable showing. The young boar that Mr. Neal is using is Great Look, a son of Grand Look, the hog so successfully shown by Messrs. Dawson & Sons this year. He is a very growthy fellow, of good length, broad back, well arched; has good ham, good, even side lines, good bone and feet. Look him up sale day if you are in the market for a young boar, as he is a good one. As to the brood sows, we have an offering here that we think would be hard to

duplicate. They are very smooth, even sows and we are sure that we can suit you at this sale if you will attend. We will go into full detail in regard to these sows in the next issue. In the meantime send for a catalog and get acquainted with the breeding. Those who cannot attend can send a bid to Mr. John Blaine, one of the most competent hogmen of this state, who will attend this sale for The Homestead. Please send all mail in care of Mr. H. C. Neal. When writing, mention this paper.



ILLINOIS  
AND  
MISSOURI'S

# Great Duroc Sale Circuit

**185  
HEAD****AS GOOD AS ARE RAISED IN TWO STATES**

REPRESENTING THE BLOOD OF GOLD FINCH, CHICAGO LAD, OHIO CHIEF, PROUD ADVANCE, BUDDY K. 4th, TOP NOTCHER, HE'S OUR PRIDE, BUDDY K, BELLE'S CHIEF, KAN'T BE BEAT, CHAMP. CLARK AND OTHER GREAT SIRES.

**A GRAND OPPORTUNITY TO BUY DUROC SOWS THAT ARE PRODUCERS****185  
HEAD****TUESDAY, FEBRUARY 12, 1906**IN HEATED SALE PAVILION, AT  
**PETERSBURG, ILLINOIS**

We will sell forty head of sows and gilts, the tops of two herds—twenty yearlings and twenty spring gilts. Gold Finch, first in class at Chicago in 1903; Chicago Lad, champion at the same show; Uncle Fred, a son of Helen Blazes IV., and Proud Wonder, a son of Crimson Wonder, are the principal sires, and the boars to which the sows are bred. We also sell daughters of Proud Advance, and close descendants of Ohio Chief, Top Notcher, Improver II., Orion, and other great sires. If you want good ones, well bred, arrange to be with us sale day. Write either of us for catalog.

**Harry Riggin, C. T. Rogers, Petersburg, Ill.**AUCTIONEERS:  
Cols. Reppert and McDowell**WEDNESDAY, FEBRUARY 13, 1907**AT MY FARM NEAR  
**JACKSONVILLE, ILLINOIS**

I will sell twenty yearlings and twenty-five spring gilts got by some of the best boars known to the breed and bred to boars of national reputation. Here are a few of them: Corrine Laurie, in second-prize aged herd at Springfield, bred to Tip Top Notcher; Annie Laurie, a daughter of Buddy K. IV., bred to Proud Advance; Golden Girl, by Buddy K. IV., bred to Tip Top Notcher; a spring gilt by Buddy K. IV., bred to Proud Advance, and a spring gilt got by Top Notcher Chief, bred to Mayor Jr., first in class at Illinois State Fair in 1905. I also sell a great lot that were got by my two herd boars, He's Our Pride, a Kan't Be Beat-Top Notcher boar, and Buddy K., a litter brother to Buddy K. IV. Arrange to be my guest sale day, as I think the hogs will please you. Write me for catalog.

**T. E. LAURIE, JACKSONVILLE, ILL.**AUCTIONEERS:  
Cols. Reppert and Cox & Son.**THURSDAY, FEBRUARY 14, 1907**AT MY FARM NEAR  
**LADDONIA, MISSOURI**

I am including in this—my first sale—twenty aged and yearling sows and twenty spring gilts as good as I own. Among the attractions are Perfect Gold Dust 33d, four granddaughters of Best of Top Notchers, and three Top Notcher gilts, an A. F. Russell gilt got by the great Iowa King, and two Gen. Cronje gilts; also daughters of my herd boars, Champ Clark by Tip Top Notcher and out of Gold Dust Rose, dam of Helen Blazes, and Chief Paul Finch, a son of King Morton and out of a daughter of Gold Finch. I believe the class of stock I am offering merits the attention of the breeding fraternity and you are cordially invited. Write for catalog.

**B. W. HALE, Box 2, LADDONIA, MO.**AUCTIONEERS:  
Cols. Reppert, McCowan, Kell and Others**FRIDAY, FEBRUARY 15, 1907**IN HARRISON'S BARN AT  
**SHELBYNA, MISSOURI**

We offer twenty-two aged and yearling sows, ten fall and winter gilts and twenty-eight spring gilts. We have this past year bought such great boars as Belle's Chief 51323, a son of the great Ohio Chief and Savannah Belle, the \$750 Murphy gilt; Buddy O. 2d, a son of the champion, Buddy K. IV., and Tip Top Notcher's Baby, and Queen's Advance, a son of Proud Advance, and have used them on our sale stuff, along with Paul Kruger, a grandson of Gold Finch. We are offering some great attractions in Helen's Sister, bred to Belle's Chief; Rose and Rosebud, litter sisters, some show material here; Maud and seven sisters, by Missouri Chief; Helena 8th by Oom Paul, and her two daughters. Our entire offering consists of tops of two good herds. Send for catalog and try to be our guests sale day.

**Maupin & Applegate, Shelbyna, Mo.**AUCTIONEERS:  
Cols. Reppert and McCowan**For Catalogs Address Each Breeding Firm and Kindly Mention This Paper.****Schwab Sells Duroc Bred Sows February 11th.**

With this issue we wish to call the attention for the last time to the advertisement of Messrs. Geo. P. & G. W. Schwab, of Clay Center, Neb., who will hold a sale of Duroc Jersey bred sows on February 11th. This sale is the opening date of the Clay county circuit and Messrs. Schwab think that they have a very good offering to put before the public on that date. Their offering is not large, only thirty-five head being cataloged, and among them are animals of the very choicest breeding. A greater part of the offering are the get of the great boar, Morton Prince, a boar that has done much in building up the breed and has produced some very high-class animals. They are bred to such boars as Jeffries, a son of Van's Perfection, the sweepstakes boar of three state fairs, having won first and sweepstakes at Iowa, Nebraska and Kansas State Fairs, also at the Kansas City Royal show the same year. Others are bred to Long Knight, a son of the great Red Knight, the sweepstakes boar at Nebraska State Fair, 1905. There will be three sisters to this boar in this sale and if breeding has anything to do with it they should find good homes. They are all safe in pig to Jeffries. There will be eighteen gilts of April farrow and mostly bred to Long Knight. Write for a catalog, look over the breeding and arrange to attend this sale. Those who cannot be on hand can send bids to Mr. Ray Page, of this paper, and they will be properly cared for. When writing for catalog please mention this paper.

**Last Call for East & Son's Duroc Bred Sow Sale.**

On February 13th, the third day of the Clay county circuit, Messrs. Wm. J. East & Son, of Clay Center, Neb., will offer a draft of Duroc Jersey bred sows that are extra good. Mr. East is a breeder of several years' experience, has bred and shown many prize winners and you can always bank on seeing a bunch of growthy, smooth ones at Messrs. East's on sale day. This year is no exception to the rule and they have been putting forth every effort to make this one of the most attractive sales they have ever made. They will offer thirty-five head, the tops of about 100 head raised this year, and they have been fed and raised right to do the purchaser good. Messrs. East have a quarter section of land fenced hog tight, as they believe in giving a hog plenty of range, which is one of the most essential things in raising good, strong litters of pigs. A number of these sows are bred to Bezdek, a first-prize winner at the Nebraska State Fair and third in same class at St. Louis same year. He is also the sire of a number of the best things in the sale. Kansas Banker sired by Improver II., dam Countess, the highest-priced sow ever sold in Kansas, is a young boar that is well liked by everyone, and if nothing happens to him he will no doubt make them go some next fall. Messrs. East are using him on some of the best gilts, and his get should be extra good. Messrs. East have a nice catalog prepared which will explain everything in regard to breeding. If

you haven't one already, send for it at once and arrange to attend the sale. Sale will be held at the farm in heated tent. Free hotel accommodation and livery can be had on day of sale, and parties coming to Harvard will be conveyed to sale from that point. If you cannot attend, send bids to Mr. Ray Page, of this paper, and they will be properly cared for. Write for catalog and mention this paper.

**Louden & Son's Short-horns and Durocs.**

On February 12th Messrs. H. B. Louden & Son, of Clay Center, Neb., will disperse their entire herd of Short-horn cattle, and also sell fifteen head of very choice Duroc Jersey brood sows. The writer had occasion to visit this herd a few days ago and can positively say that it is as growthy a bunch of sows with lots of quality, as he has seen this year, and earnestly recommends them to any buyers who are looking for good ones. There are two daughters of Hambletonian that are extra good and both bred to Jumbo's Perfection. They are fall sows, very growthy, good even side lines, broad backs, good hams, good bone and stand up well on their feet. This great cross of prize-winning blood has proven profitable to Mr. Louden and in these two sows there is a very bright future for someone. They also have a fine gilt by Jumbo's Perfection, dam Royal Beauty by American Royal that is one of the best things we have had the pleasure of looking at this year. She is very smooth, will weigh a trifle over 300 pounds and has a back and ham that would be a credit to any sow. She is safe in pig to Lad's Top Notcher, a son of old Tip Top Notcher that Messrs. Louden purchased in the East this fall at a long price. The offering as a whole is extra good, and not a poor one in the bunch. They are considered by Messrs. Louden & Son fifteen as top sows as they ever put in one sale. Write for their catalog and look over the breeding. As to the cattle they are dispersing their entire herd, and among them are some very choice breeding animals. Their herd bull, Duke of Bonniebrae 183477, is a very good individual and was got by Victor Baron, a choicely-bred Scotch bull of Mr. Cruickshank's Victoria family, and was used very successfully in the herds of Messrs. Parsons and J. R. Crawford & Sons, of Newton, Iowa. One of the largest and more useful cows of the offering is Daisy, got by Lord Washington, he by Airdrie Duke of Hazelhurst 117846, of the noted Duchess family. She traces to some of the most noted families known to the Short-horn breed and will make a profitable animal for someone. No. 3 in the catalog is conceded the best thing in the sale and has a fine bull calf at foot. She was got by Knight of Elgin 2d, a 2,300-pound bull in breeding condition, got by Knight of Elgin and tracing to Imp. Rose Mary. Lots 9, 12 and 13 are all good, well-bred heifers got by Duke of Bonniebrae, he by Victor Baron, and every one safe in calf. These cattle are of a milking strain and are profitable animals for both the breeder and the farmer. Catalogs are now ready, of both hogs and cattle, so send for one and look over the breeding of every animal. Mail bids can be sent to Mr. Ray Page, of this paper, and

they will be properly handled. Write for a catalog now and arrange to attend.

**Last Call for the Hamilton & Son Poland and China Sale.**

Messrs. J. H. Hamilton & Son, of Guide Rock, Neb., are offering the public an opportunity of buying some very high-class animals in the bred sow sale to be held in Guide Rock, February 16th. If you are in the market for the right type of Poland Chinas we urge that you arrange to attend this sale. They have the hog that is in demand at the present, and as to the breeding we consider that there are few herds in the state equal to this. Forty-three head will be offered and a smoother, more even bunch will be hard to find. The majority of the younger stuff are the get of the great boar, Mogul, the first-prize boar at the Nebraska State Fair in 1904. He is a son of Grand Chief, dam Mat by L's Perfection, and has proven a wonderful sire. In No. 2 in catalog we think we have a wonderful brood sow. She is a daughter of Hadley Jr. out of Favonia 3d by Belle's Tec., and she has a number of her get in the sale which will speak very highly for her. She is bred to Major B. for a late February litter. In No. 3 we have Black Beauty, a daughter of Corrector, dam Perfection Beauty 4th by Chief Perfection 2d. She is an extra good brood sow. She raised ten pigs last spring, nine this fall and is bred again to the great Mogul. She is worthy of any man's consideration and should find a good home. In No. 4 we have a good yearling by Mogul and out of Butler's Sensation by Butler 93d, and she is bred to I Am Allerton for an early litter. In Nos. 5, 6 and 7 we have three fine fall yearlings that are smooth as apples. Two of them will be sold safe in pig to Mogul and the other to I Am Allerton, the young boar that is so well thought of by every breeder who has seen him. He is by I Am Sunshine, dam Miss Allerton by Allerton Tec. This young hog was the top boar in the W. T. Garrett sale last fall and was one of the \$742.50 litter and the dam selling at \$150 at six years old. Arrange to attend this sale, as you will be pleased with the offering, and if you cannot attend, send a bid to Mr. Ray Page of this paper in care of Messrs. Hamilton & Son. It will be properly handled. Catalogs are now ready and should be in the hands of every reader of this paper. Write for one and mention this paper.

**Last Call for the Davis and Kerr Sales.**

On February 13th and 14th the firms of Messrs. J. B. Davis & Son, of Fairview, Kan., and Geo. Kerr, of Sabetha, Kan., will offer eighty head of Duroc Jersey bred sows from their well-known herds, and among them will be some choice individuals. Messrs. Davis will hold forth the first day and put up forty head which they consider the best they have ever had. The younger stuff in the sale are mostly the get of old Monarch 28395, he by Morton's Model, dam Preble, a full sister to the great Ohio Chief. They represent the blood of Duroc Chalenger, Ohio Chief, Top Notcher, Orion and

other prominent show and breeding boars. Most of the offering are bred to Fairview Chief 32585, a son of Kan't Be Beat. This hog is a good individual and has proven a good breeder. Take them all through Messrs. Davis have a good bunch of sows to offer. They are growthy, smooth and will make good useful sows. On February 14th Mr. Kerr will offer forty head that are right in every respect. They are bred to such boars as Lincoln Chief, he by the great Ohio Chief; Kerr's Model by W. L. A's Choice Goods, and Orion III., a grandson of old Orion. One of the special attractions of this offering is Lady Crimson, a daughter of Crimson Wonder and bred to Lincoln Chief for early farrow. Grace McFarland by Oom Paul II. is the sow that won first at the Kansas City Royal in yearling class, 1904, and is safe in pig to Lincoln Chief. Royal O. is one of Mr. Kerr's show sows that he will offer. She was first-prize sow in under one year class at Hutchinson, and is safe in pig to Lincoln Chief. Catalogs are now ready for both sales and will be mailed to anyone who will drop these gentlemen a card. Write for one and mention this paper.

**Last Call for the Mattson Short-horn Sale.**

A dispersion sale that should be of interest to all Short-horn breeders is that of Mr. A. H. Mattson, of Loomis, Neb. He is offering his entire herd of breeding cows, two great herd bulls and about fifteen head of good young bulls and heifers. They are in splendid condition for a winter sale and every female of breeding age is with calf or will have calf at foot sale day. The great Scotch bull, Goldie, will be sold in this sale and anyone wishing a herd header would do well to take a trip to see this bull. He is a son of Sir Charming 2d, dam Chaine by Red Victor. He is a massive red bull of great scale, weighing over a ton in good breeding condition, and as a breeder he ranks among the best. Prince Volonia, a son of Orange Viceroy, dam Irene by Duke Goldfinder, is an attractive young bull and is a very high-class individual. His get are showing up well and were it not for the fact that Mr. Mattson is quitting the business this bull could not be bought. This sale includes what Mr. Mattson considers the best cow he has ever owned. This animal was referred to in our last issue and will be a prominent feature in this sale. This cow is Orletta, a massive, broad-backed cow of the blocky, heavy type and of good breeding. She was got by Prince Lee, dam Allama 21st by Red Ravenwood. This great cow has been a wonderful producer and will have a calf at foot sale day by the great Scotch bull, Goldie. There are twenty-four cows and heifers of breeding age and surely are a very useful, well-bred lot. Ten of these good cows will have calves at foot, most of them by the herd bull, Goldie. There are ten good yearling bulls of serviceable age and well bred enough to go to good herds. The offering throughout is a very desirable one and a credit to any one man to own. The catalogs are now ready for mailing and should be in the hands of every Short-horn breeder. Write for catalog and mention The Homestead.



## KIRKPATRICK-WILSON

## COMBINATION SALE

To be Held at the Kirkpatrick Farm  
Lincoln, Neb., February 13, 1907

35 HEAD OF TOPS FROM TWO GOOD HERDS 35

Three fall yearlings and one aged sow by the great Crimson Wonder, one spring yearling by Crimson Wonder bred to Kan't Be Beat. Ten sows in this sale bred to Lincoln Wonder, one of the best sons of Ohio Chief. The blood of many of the most noted sires prominent in this sale. Come and look them over and be our guest while in Lincoln. Catalog now ready. Address.

Callahan, Auctioneer W. A. KIRKPATRICK, Lincoln, Neb.  
A. A. WILSON, Bethany, Neb.

## VAN PATTEN'S DUROCS AT AUCTION

AT SUTTON, NEB., THURSDAY, FEB. 14, 1907.

THIRTY HEAD, including the great show sow, Model C., first-prize sow over twelve months at Nebraska State Fair, 1906; Model B., third-prize sow same class. Other sows of equal show-yard merit and good breeding. SIXTEEN SOWS BRED TO THE GREAT TOM DAVIS, first-prize hog at Nebraska State Fair, 1906, and second at Iowa in over twelve months class. Several daughters of Billy K. in this sale. Catalogs now ready. If you cannot be present send a hld to Ray Page, of The Homestead.

GILBERT VAN PATTEN, SUTTON, NEB.

COL. T. C. CALLAHAN, AUCTIONEER.

## REMEMBER MY FIFTH ANNUAL SALE 40 Poland China Bred Sows and Gilts

MADRID, BOONE COUNTY, IOWA,

FEBRUARY 12, 1907.

I HAVE selected for this sale five attractions in as many tried sows. They represent some of my best and are sired by Johnson's Chief 62343, a champion at Nebraska, 1902; also by Chief Perfection 21. Keep On, Looks Choice and Mondamin Sunshine. Fifteen fall yearlings, beauties well grown and showing every indication of making valuable individuals. Sired by Trade Mark 66313, a hog of unusual strong bone and smooth body, and a sire of my best young stock. A score of gilts completes my offering. They are as big as you will find; mostly of early litters and sired by Mischief's Model, also by Handspring 87701, a St. Louis prize hog, and Sunburst, a second prize at Illinois State Fair. I can show you a good combination of bone, quality and size as any. My young stock is bred to J. H.'s Dude. I want you to have my catalog. It will include beside my offering several young boars and sows, sired by a son of Nemo L's Dude. We shall look for you on sale day.

J. H. WATSON, Prop.

COL. H. S. DUNCAN, Auctioneer.

MADRID, IOWA

## THE CLOVERDALE STOCK FARM

### DUROC JERSEY SALE

At Gray, Audubon County, Iowa,  
FEBRUARY 15, 1907.

40  
HEAD

Sows Bred to Cloverdale King 44073 by Corn Cracker 14205 and to Crimson Wonder Choice, a Splendid Grandson of Crimson Wonder 26355

40  
HEAD

AMONG the twenty head of yearlings and two-year-olds will be many sired by Orion's Ideal 44314, others by Young Advance 44315 and Top Notcher King 28578. These are bred to the splendid herd boar, Cloverdale King. The younger sows are sired by the same boar and bred to Crimson Wonder Choice. Our stock is selected from large litters and we are here offering some of our best. Sale is at farm 4½ miles south of Gray. We extend a hearty welcome to our brother breeders to attend the sale and accept of our entertainment. Send for catalog. Address,

G. C. EVERTS & SON, AUDUBON, IOWA

## Hess & Sons' Public Sale of Short-Horn Cattle

To be Held at Surprise, Neb., February 12, 1907.

40 HEAD Of Grandly Bred Cows and Heifers. 40 HEAD Some Extra Good Young Bulls.

THE above breeders are selling some of their best cattle. Among them are several strong, vigorous yearlings of out-standing merit; quite a number of them are straight Scotch animals. Catalog now ready.

H. H. HESS & SONS, SURPRISE, NEB.  
Col. Geo. Bellows, Auctioneer.

## Two Good Duroc Jersey Sales To Be Held At

FAIRVIEW, KAN., FEBRUARY 13, 1907.

SABETHA, KAN., FEBRUARY 14, 1907.

40 HEAD 40

40 HEAD 40

Sows with size, quality and bone, bred to noted prize-winning boars. Catalogs now ready explaining breeding of each and every animal in the sale. Write for one and arrange to attend these sales.

J. B. DAVIS.

GEO. KERR.

## Ruebel Bros. Third Annual Sale of POLAND CHINA BRED SOWS

TO BE HELD AT FARM FIVE MILES EAST OF ROCKWELL CITY, IA., ON

TUESDAY, FEBRUARY 12, 1907

Twenty tried brood sows, seven fall yearlings, 38 spring gilts. There will be sows in this offering sired by Chief Perf. 2d, Keep On, Mischief Maker, Chief Tec. 3d, Palatis Chief, R's Keep On and Iowa Chief, and bred to R's Keep On, Iowa Chief and Moderator, the great young boar we purchased of John Blain. This will be one of the best lots of large, prolific, heavy boned Poland Chinas that will go through a sale ring this winter. Our hogs are all healthy, and in fine condition. Our entire lot of sows farrowed an average of over nine pigs to the litter last spring. Having sold our farm and our new location not being properly arranged for the hog business compels us to put in some of our very best brood sows that could not be bought under any other circumstances. Do not miss this opportunity to secure some of these choice animals at your own price. We are also offering a number of good Short-horn bulls at private sale. Send for catalog. Lunch at 11:30; sale at 12:30. Col. F. M. Woods and Assts., Auctioneers

RUEBEL BROS., Rockwell City, Iowa.

## DEWITT'S POLAND CHINA SOW SALE

TO BE HELD AT THE CLAMPITT BARN  
Russell, Iowa, February 13, 1907.

28 HEAD--Matured Sows, Yearlings and Spring Gilts.

The spring gilts are mostly sired by Honest John 99583, and Young Jumbo 2d 101305. I am offering some good yearlings and some good old sows. These are bred to Exception, a grandson of Expansion, and A. W. Standard, a son of Standard Chief. Write me for catalog. Address,

A. W. DEWITT,

RUSSELL, IOWA.

### CHESTER WHITE HOGS.

Modeler 13235 and W. F.'s Model 12101 AT HEAD OF  
**MODEL HERD**  
Modeler 13235, winner of breeders' Champion at Iowa State Fair, first in class at Iowa, Minn., Wis., Ky. and Ill. state fairs 1906. W. F.'s Model 12101, winner of second place Iowa State Fair 1906. For sale, 30 strictly choice gilts and yearlings sired by W. F.'s Model 12101 and All Right 11789, bred to Modeler 13235 to be shipped when safe in pig. Satisfaction guaranteed. Am booking orders to be bred and shipped when wanted. Also a few choice White Fly. Rock chis. W. F. Hemmerling, Dike, Grundy Co., Ia.



### SOLD OUT BUT STILL IN THE BUSINESS

Of breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.



**CHOICE CHESTER WHITE SOWS & GILTS**  
THE kind that sell, the kind that win. Bred to the most noted boars living, such as Captain 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection solicited. 1 mile west of Kirkman, Ia. H. & A. phone 626G. I handle the best; ship no inferior stock. Address or call on J. L. BARBER, R. R. 3, HARLAN, IOWA.

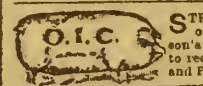
### MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Our ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head of Improved Chester White Swine.  
At Geneseo, Illinois, February 2, 1907.

These sows are bred to state fair winners. Send for catalogs. Address  
R. F. D. No. 6, D. H. LEWIS, GENESEO, ILLINOIS

**Lawshe's Chester White Sows and Gilts**  
100 HEAD of very choice matured and fall yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Mowrah Jr. 113541, Captain 14119, Jerry S. 13167, Advance 24 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address, Geo. H. Lawshe, R. R. 3, Harlan, Ia.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All here are eligible to record in the O. I. C. Association. Write for our prices on the get of Genl. Cody, Green's King, Keler and Perfection. FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

### BERKSHIRE HOGS.

## BERKSHIRE —BOARS—

FOR IMMEDIATE SERVICE.

I can please you in quality  
and price. Address,

GEO. S. PRINE,  
Oskaloosa - Iowa

Heavy Weight

## Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.  
W. D. McTAVISH, COGGON, IOWA.

### BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,  
E. H. DANCER, Lamoni, Iowa

### BERKSHIRE BOARS.

A FEW choice bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs.  
SYLVANUS HAWORTH, New Sharon, Iowa

### T. A. STEVENSON, Shannon City, Iowa.

BREEDER and shipper of the best strains of Chester White Hogs, Aberdeen-Angus Cattle, Barred Plymouth Rock chickens and M. B. turkeys. Reduced prices for 30 days.

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 495, Frosty 19970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

### Chester White Spring Pigs All Sold.

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

### Chester White Hogs

30 smooth, well quartered, strong boned young sows, bred to high class matured herd boars for late March and April farrow for sale. Write  
W. W. VAUGHN, MARION, IOWA.

### White Oak Herd of Recorded Chester Whites

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, phone or come and see them.  
J. W. TROY & BROS.,  
Rose Hill, Muhaska Co., Iowa

### Pleasant Grove Herd Chester Whites

BOARS all sold. Have to offer 25 bred gilts which are bred to my famous boar, White Leader 16513. Greatly reduced prices until February 10th. Write me your wants. Address,  
J. M. JANSSEN, R. R. 3, P. O. Box 627, Sibley, Iowa

BRED Chester White gilts all sold. I have two herd boars for sale cheap. A fall yearling, Crescent Rex 16529, sired by Norway Chief 12268, sweepstakes boar at the Nebraska State Fair, and Gen. Gage 16627, sired by Monte Christo 15539, the second prize boar at Sioux City Fair last fall. This is an April pig. S. J. Philson, Harlan, Iowa.

OHIO Improved Chester Whites, Sept. March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Kuehn, Sciota, Ill.



**CHESTER WHITE HOGS.**  
**HUMBERT & WHITE'S**  
**"Combination" Chester Whites**  
THE premier herd at the Iowa and Ill. state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many lines sweepstakes winner, **Combination**. Write us for a Combination pig and get the quality that wins. Address,  
**F. D. HUMBERT,** **F. P. WHITE,**  
Nashua, Iowa. New Hampton, Iowa.

A FEW good O. I. C. gilts, safe in pig, for sale at \$20. Bours all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

**LIVE STOCK AUCTIONEERS.**  
**Col. Judd McGowan**  
**Clinton, Illinois.**  
**Ten Years' Experience**  
IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

**FRED REPPERT,**  
**DECATUR, IND.**  
**Live Stock Auctioneer.**  
AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312

**Jones Nat'l AUCTIONEERING**  
School of **ORATORY**, 231 Ashland Blvd. Chicago, Ill.  
All branches. Special instructors.  
Term opens soon. Free Catalog.  
**CAREY M. JONES, Pres.**

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LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

**C. C. KEIL, LADORA, IA.,**  
**LIVE STOCK AUCTIONEER.**  
FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

**J. P. SPEARMAN, PAPILLION, NEB.**  
**LIVE STOCK AUCTIONEER.**  
I am posted on pedigrees and want your sales of cattle, hogs or horses.

**CAREY M. JONES,**  
**Live Stock Auctioneer**  
231 Ashland Blvd., Chicago, Ill.

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Third Term Opens July 8, 1907.  
—All Branches Auctioneering.  
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**F. H. JACKSON, Rutland, Ill.**  
**LIVE STOCK AUCTIONEER.**  
PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

**O. L. MOSSMAN, Experienced Auctioneer**  
Of Fine Stock and Farm Sales.  
My Customers are my Reference, Experience my Teacher  
All Work Guaranteed. Your Patronage Solicited.  
Write or wire for dates. Phone 4 L. 15.  
**POLK CITY, IOWA.**

**R. W. BARCLAY**  
Livestock Auctioneer, Mason City, Iowa.

**A. V. LOCK, REMINGTON, INDIANA**  
Live Stock Artist.  
Work satisfactory. Prices reasonable.

**HEREFORD CATTLE.**  
**COLUMBUS**  
55-134193

For sale Hereford sire Columbus 51875, 5 years old, weight, 2200 lbs. bred by Benton Gahbert, Dearborn, Mo. David Hood & Son, R. 4, Perry, Iowa.

**Table Backed Herefords**  
For Sale Cheap to Quick Buyers.  
40 BULLS from 10 to 26 months old. 50 heifers, bred, average two years old. Prices low, try me.  
**W. W. WHEELER, Box H, Harlan, Iowa**

**HAVING SOLD MY FARM**  
I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.  
**E. H. DANCER, Lamoni, Iowa**

**Breezy Park Herefords**  
Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.  
**H. C. CUNNINGHAM, WESTON, MO.**

**HEREFORD CATTLE.**  
**.....9 CHOICE YEARLING HEREFORD BULLS 9.....**  
**FOR SALE.**  
I HAVE for sale the choicest lot of yearling Hereford bulls that I have ever had. They are sired mostly by Beau Donald 48th 121465 and out of cows of the richest Hereford breeding known to the breed, such as Anxiety, Lord Wilton, The Grove 3d, and others of like breeding. A visit to my farm, two miles west of Mechanicsville, Iowa, will prove that the bulls I am offering at from \$100 to \$125 are the equal of those usually sold at twice this sum. I have no females to spare at this time. Have been breeding Herefords seventeen years and have fifty breeding cows in the herd. For particulars, address,  
**JOHN SECOR,** **Mechanicsville Iowa**

**40 Choice Hereford Bulls**  
**40 Choice Bred Heifers**  
RANGING in age from twelve months to two years. All sired by prize-winners.  
**EDMONDS, SHADE & CO., Kingsley, Iowa**

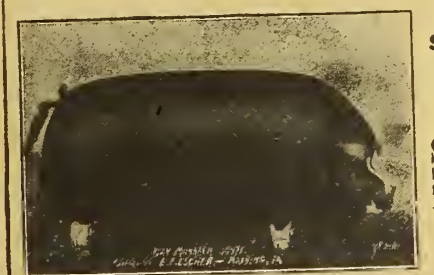
**BEAU BRUMMEL**  
4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. **G. W. Why & Son, New Sharon, Ia.**

**HEREFORDS.**  
TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.  
**A. R. Campbell, Independence, Iowa.**

REGISTERED HEREFORD CATTLE—A few choice bulls for sale cheap. **John Thornton, Colo, Iowa.**

**POLAND CHINA HOGS.**

**50 BIG POLAND CHINA SOWS**  
**AT PRIVATE SALE**  
Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.



GAY MONARCH, The 1,000 lb. Boar.

**GAY PERFECTION 2D.**  
**SOWS BRED FOR SALE.**  
20 GAY Perfection 2d Poland China Gilts bred to Sultan (a son of Thickset.) 3 gilts by Radlum, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.  
**JOE STEWARD,**  
**AMES, IOWA.**

**WELLMAN HERD OF RECORDED POLAND CHINA**  
**SWINE AND SHORT-HORN CATTLE.**  
100 FALL and summer pigs, three to seven months old. 54 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G's Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, **C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.**

**45 POLAND CHINA BOARS 45**  
Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 390 12 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,  
**WM. RAY & SON, DEFIANCE, IOWA.**

**POLAND CHINA BOARS**  
OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. A big-boned showy hog good enough to head a good herd. **O'Brien Bros., Waukon, Iowa.**

**GROWTHY POLAND CHINA GILTS**  
BRED to first-class herd boars for March, April and May litters. Parents big boned, mature stock of best breeding. Gilts 200 to 240 pounds, \$20 and up. Short-horn and Polled Durham cattle, all sizes at attractive prices. Address,  
**P. S. & S. Barr, Box H, R 4, Davenport, Ia.**

**POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L's Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.**

**W. H. JONES, CLEMONS, IOWA**  
**POLAND CHINA SOWS AND GILTS**  
GOOD profitable breeders, growthy, lengthy and right in bone. Sixteen years' breeding experience. Mail orders a specialty.

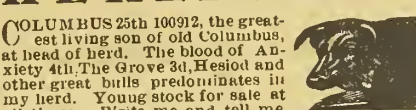
**HOMESTEAD Herd Poland Chinas.** Have on hand several strong spring gilts by Keep On 2d, Come On, Contractor, L. & W's, Peri 2d and Monner's Peri, and other sires; gilts from Peri, E. L., Peri, Likeness, Perfect Keep On and other dams. All bred for Mich., Apr. and May farrow to my Chief Peri, 2d boar out of Keep On dam. **J. H. Barker, Mazon, Ill.**

**POLAND CHINA BRED SOWS**  
BRED to Perfect Quality, Mo's Top Chief and Growthy Expansion by the Great Expansion.  
**SANDQUIST BROS., Oakland, Neb.**

**HEREFORD BULLS**  
15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, safe in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.  
6 Duroc Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

**Z. T. KINSELL, Mt. Ayr, Ia.**

**WILLOW GROVE HEREFORDS**  
COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, **J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.**



**POLAND CHINA HOGS.**  
**50 Poland China**  
**BRED SOWS.**  
**Tried Sows; Fall and Spring Gilts**  
SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,  
**J. L. SLICK, Route 3, Lanark, Ill.**  
On C. M. & St. P. R. R., 120 miles west of Chicago 20 miles east of the river.

**Willowdale Herd.**  
**Fancy Poland Chinas.**  
**Young Stuff of Both Sexes For Sale.**  
ALL sows old enough to breed reserved for public sale February 13, 1907. Send for catalog. Pure bred White Wyandotte cockerels, \$1.00.

**HARRY R. SMITH, Maynard, Iowa**  
**WILCOX HAS BRED SOWS FOR SALE.**

**MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.**

**DUROC JERSEY HOGS.**  
Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief 1, Ann, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

**ELM LAWN DUROCS.**  
BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher 11. Write your wants. **CHAS. SOBOTKA, Cainesville, Mo.**

**JANUARY 24, 1907**  
IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc Jersey sows for sale.  
**J. E. WEHR, Portsmouth, Ia.**

**PILOT LAD 15153.**  
2D pig under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd tender type, also a good lot of fall sows and spring pigs at reasonable prices.  
**L. H. Brynn, R. R. 1, Neyonset, Ill.**

**L. H. ROBERTS & SON, PATON, IA.**  
**Choice Duroc Jerseys**  
FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

**50 Duroc Jersey Sows.**  
3 Proud Advance Sows  
4 Orion Sows  
Will be sold in Our Sale at  
**LYONS, NEB., February 27, 1907**  
**Jno H. Tryon & Son, Lyons, Neb.**

**Shamrock Herd of Duroc Jerseys**  
OF PRIZE WINNING sires and dams. Have a few boars left and some sows and gilts.  
**F. M. ERSCHEN, Odell, Illinois**

**CARL HANSEN, HERMAN, NEB.**  
HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

**SPRING boars sired by fancy Crimson Wonder.** Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. **W. A. Kirkpatrick, Lincoln, Neb.**

**WOLF CREEK HERD OF DUROC JERSEYS.**  
Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to **T. L. Livingston, Burchard, Neb.**

**CHOICE Duroc Jersey gilts bred to Sambo 52791,** a grandson of Tip Top Notcher, the \$9,000 prize boar. Prices reasonable. **Frank Warvey, Mt. Pleasant, Iowa. R. R. No. 8.**

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sows Fashion, write me. Spring boars priced right. **S. P. Briggs, Seward, Neb.**

**DUROC Jersey gilts bred for April farrow. Large, heavy boned. Price, \$25 to \$50 each. Good ones, world's champion blood, S. S. Krebill, Donnellson, Ia.**

**CYCLONE Herd Duroc Jerseys.** Gilts for sale, bred to a Crimson Junior. Good size, color, length and bone, \$20 to \$30. **F. M. Jenkins, Pomeroy, Iowa.**

**CHOICE, YOUNG DUROC JERSEY HOGS**  
OF BOTH SEXES at reasonable prices. Address **W. J. S. Taylor, Humeson, Iowa.**

**MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.**

**BRED SOWS**  
Duroc Jersey sows and gilts, bred to farrow in February, March and April. Send for our catalogue that gives pedigrees and particulars, and contains plans for hog houses, plans for dipping plants. Catalogue and booklet for 30 days for  
**CUT OFF THIS CORNER**  
Please send me catalogue of boars and sows, and booklet on breeding hogs, plan of hog houses, plan of dipping plants, and calendar showing period of gestation to term animals.  
attached corner. The Roycroft Farms, De Moines Iowa







SHORT-HORN CATTLE.

BLUFFVIEW SHORT-HORNS

A FINE BRAVITH BUD BULL FOR SALE, and several farmers' bulls, at low prices. The Bluffview herd is now headed by Secret Viscount 212705, one of the best bred Cruickshank bulls living. Address,

F. A. EDWARDS, PROP., WEBSTER CITY, IA.

SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Marr's Mistle tribe and was got by Raptom Chief and out of Imp. Mistle, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, Unionville, Mo.

HUGHESDALE REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

WILDWOOD SHORT-HORNS ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meat Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write, W. W. VAUGHN, Marion, Iowa

WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA. 6 Bulls for Sale 6

INCLUDING one Scotch Mistle out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal 2d Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135266.

M. D. YARD, CRAWFORDSVILLE, IA.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Jas. E. Stephenson, Alburnett, Iowa Otter Creek Stock Farm.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charming. Also 12 young bulls from 8 to 20 mo. old by Imp. Klueller Stamp.

A. J. GRAVES & SON, Ames, Iowa

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

JONES CO. HERD OF SHORT-HORN CATTLE

Stittytown Sort 173649 Bulls Waupun of Wayside 243046 We have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

Pine Grove Short-horn Cattle.

SCOTCH Herd bulls, good young breeding cows, heifers and calves. Everything goes at a bargain. Choice bred P. C. gifts for Mar. and Apr. farrow. R. C. B. Leghorns \$1. Interstate phone. Fred Ebendorff, Strawberry Point, Iowa.

FOR SALE—Eight young bulls, Scotch and Scotch-topped from 8 to 18 mos. old and from such families as Imp. Generosity, Rosemary, Crocus, Strawberry and Charlottes, got by the Cruickshank Victoria bull, Craven Archer 174012; also a few cows and heifers. Come and see cattle or write. A. A. Rogers, Inwood, Lyon Co., Iowa. Yards 9 blks. from depot.

Walnut Grove Short-horns & Poland Chinas

CLEAR The Way 231482, winner 1st in 2-yr old class and 1st in Ia. Cham., Ia. State fair, '06 heads herd. Herd heads Defender 98447, by Corcoran 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

G. H. George, Monticello, Ia., breeder of Scotch

Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

Imp. Fashion Favorite 149580 FOR SALE.

Also a few very choice young Scotch Bulls. Address J. D. McDERMOTT, Wiota, Ia.

BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

N. A. LIND, Rolfe, Iowa

SHORT-HORN CATTLE.

NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS, Kirksville, Missouri.

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

W. A. FORSYTHE GREENWOOD, MO.

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right. Write me about them.

Scotch and Scotch-Topped HEIFERS FOR SALE

At very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

W. H. SCHAFER, KEANSBURG, ILL.

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I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa, Breeders of Scotch Short-horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

EVERGREEN STOCK FARM - SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN, Vinton, Benton Co., Iowa

POLLED DURHAM CATTLE.

Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Address,

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JACKS.

FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

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75 BIG registered Jacks, Jennets and registered trotting, saddle and harness horses. Closing out of the Johnson Co. Jack Farm, February 22, 1907, rain or shine, as have big tent.

Write for catalog. G. A. Fewell, Leeton, Johnson Co., Missouri.

KENTUCKY BRED

75 Kentucky Bred and Imported Jacks For Sale.

We have more good Jacks than any two farms in the United States. Come and see, or write for catalog. Mention this paper.

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LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine.

F. Rabeler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made five importations, Onk Ladies Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Minover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

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World's Fair Champion Herd.

SPECIAL offering now of 168 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

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HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-18982. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

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THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition For a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to Send For New Catalog.

5 Black Percheron Stallions 5 FOR SALE.

ALSO have a corking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,

J. S. GOLDER, Scribner, Neb.

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of the J. H. Barnett Estate.

10 PERCHERON and FRENCH DRAFT STALLIONS

At a Sacrifice. Write L. C. BARNETT, - Indianola, Iowa

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Best and largest collection of Belgians in America, imported and home bred; 8 ml. west of Cedar Rapids on 2 railroads. The greatest Belgian horse market in America. Cedar Rapids and Iowa City elec. car passes 3 mi. E. of farm every hour. Come and see or send for catalog. H. Lefebure, Fairfax, Ia.

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I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

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GLYDESDALE STALLION FOR SALE

I have a choice pure bred three year old stallion, 1 sired by the great MacGregor horse Imp. McLure, and out of the Cedric horse, Prince Daruley, for sale at reasonable price. Come and see him. Laban Harrison, Prescott, Iowa.

Percheron Registered Stallion.

FOR SALE—American bred, coming five years old. Coal black, 17½ hands and sound. If you want a stallion, come and see me or write. CHAS. BOLAND, Route 3, Williamsburg, Iowa

FOR SALE OR EXCHANGE.

AGED Belgian Stallion. Will sell at a bargain or exchange for another Belgian and pay difference. Ant. Vanderwaal, Pella, Iowa.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRISTON, IOWA.

A PERCHERON stallion for sale. Imported, color black, coming 11 years in spring. A sure breeder, weight about 1 ton. Write L. Maasdam, Pella, Iowa



HORSES.



This picture is from life, these horses to be sold in the sale. On receipt of ten cents to pay postage we will mail this picture, 15x20 inches.

# Annual Public Sale

## IMPORTED

# STALLIONS

60 EVERY ONE IMPORTED HEAD EVERY ONE IMPORTED 60

WATSON, WOODS BROS. & KELLY CO., of Lincoln, Nebraska, announce their Annual Public Sale will be held at the State Fair grounds, Lincoln, Nebraska, TUESDAY and WEDNESDAY, FEBRUARY 26th and 27th.

30 PERCHERONS 20 ENGLISH SHIRES  
10 BELGIANS and COACHERS

Every one imported by our firm and every horse fully guaranteed. Also a few imported

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## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding studies, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANNS BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



## THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props.  
Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 championships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equalled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

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## Registered Percheron Stallions For Sale

GOOD colors, large size, three and four-year-olds. Priced so they will pay for themselves the first season. Also several span high-grade Percheron and Shire mares in total to registered horses, ages five to nine years old. Address,

M. D. WOLCOTT,

Gilmore City, Iowa

## 21 IMPORTED STALLIONS 21

FOR SALE—I have recently landed from Belgium, (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and roans.

Address, E. H. KNICKERBOCKER, Fairfax, Iowa

PERCHERON STALLIONS AND MARES FOR SALE. Blacks and grays. Nady Brothers Fairfield, Iowa.

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## 80 STALLIONS

THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

A. LATIMER WILSON, CRESTON, IOWA

20 IMPORTED Percheron stallions arrived Jan. 4, 1907. Your choice, but one, for \$1,000. Also home-bred stallions. Frank L. Stream, Creston, Ia.

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# Public Sale

The Largest Sale of Draft Stallions Ever Held in the West will be at Wichita, Kansas, Friday, February 22d, Starting at 8:30 A. M. Sharp

50 Head Percherons, Belgians, 50 Head Shires and Hackneys.

This sale will consist of some of the choicest stallions of our stud, both imported and American bred. As we won every prize in the stallion class at the great State Fair of Kansas, it gives the public the grandest opportunity to purchase a prize winner at their own prices.

### PRIZES WON IN 1906

Champion Percheron stallion at the Kansas State Fair.	First—Best five Percheron stallions, Kansas State Fair.
Champion Belgian stallion at the Kansas State Fair.	First—Best five Belgian stallions, Kansas State Fair.
Champion Shire stallion at the Illinois State Fair.	First—Best five Shire stallions, Illinois State Fair.
Champion Shire stallion at the American Royal, Kansas City.	First—Best five Shire stallions, International, Chicago.
Champion American-bred Percheron stallion at the American Royal.	Second—Best five Belgian stallions, International, Chicago.
Champion Shire stallion at International, Chicago.	Second—Best five Belgian stallions, Illinois State Fair.
Reserve champion Belgian stallion, International, Chicago.	Second—Best five Belgian stallions, American Royal, Kansas City.
First—Best five Shire stallions, American Royal, Kansas City.	Second—Best five Percheron stallions, American Royal, Kansas City.

His Majesty King Edward VII. of England and Lord Rothschild's exhibit of stallions were purchased by us at the Great International Exposition at Chicago, 1906. These Grand Stallions, Girton Charmer and Premvictor, will be on exhibition at this sale. Do not fail to see the Highest Priced Draft Stallions ever imported to this country.

As we are now located at Wichita, we intend holding an annual sale in this city, this being our first. Our AIM is to surprise the PUBLIC with such Stallions as were never before placed at auction. All Stallions will be sold with our regular guarantee of 60 per cent and will be sold so that all payments will not become due until you have made two seasons and one collection from your HORSE.

This sale will not affect our business in any way, as we will have over 250 head left after the sale for our Spring trade, not including our New Importation which will arrive soon.

TERMS—Will be one year and six months from date with interest at 6 per cent from date, or six per cent discount for cash. All credit must be bankable. Send for catalog and calendar.

**Robt. Burgess & Son, - Wenona, Ill.**

**Rhea Bros., Arlington, Neb.**

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pumped with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## PERCHERON IMPORTING COMPANY, CHARITON, IOWA.

YOU want an imported stallion of purest breeding. With a short back, upheaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

CHARITON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

PERCHERONS, SHIRES, STALLIONS AND MARES. Prices from \$200 to \$600 each. Address, E. Fugler, Creston, Iowa.





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# Trumans' Champion Stud

WE ARE THE LARGEST IMPORTERS OF ENGLISH HORSES IN THE WORLD.

We sell stallions of the different breeds for less money than any firm or individual in America.

TRUMANS' Always retain Customers.  
TRUMANS' Have the right kind.  
TRUMANS' Buy the right kind.  
TRUMANS' Always Imported them.  
TRUMANS' Now a Household Word.  
TRUMANS' Commenced with Prize Winners.  
TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
TRUMANS' With our Customers.  
TRUMANS' Treat you right.  
TRUMANS' Treat you white.  
TRUMANS' Came to stay.  
TRUMANS' Have stayed.  
TRUMANS' Horses admired by the crowd.  
TRUMANS' Always looked for at the Fairs.  
TRUMANS' Always something sensational.  
TRUMANS' Always something fresh.

TRUMANS' ALWAYS ENGLISH Winners.  
TRUMANS' Customers treated Honorably.  
TRUMANS' Customers stay with them.  
TRUMANS' Customers have confidence.  
TRUMANS' Customers not humbugged.  
TRUMANS' No loud childish talk.  
TRUMANS' No claiming what they haven't got.  
TRUMANS' Attend their own business.  
TRUMANS' Do honorable work in Show Rings.  
TRUMANS' Let the Public Judge.  
TRUMANS' Of their Exhibits.  
TRUMANS' Don't want dirty work.  
TRUMANS' Don't pay for it.  
TRUMANS' Won't have it.  
TRUMANS' Can do without it.  
TRUMANS' No shifty business.  
TRUMANS' Mean to do right by their Customers.

A profusely illustrated souvenir catalog of horses on hand will be mailed for the asking. Every horse for sale and fully guaranteed. NO ONE CAN DUPLICATE OUR HORSES OR PRICES. Address,

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BUSHNELL, ILLINOIS.  
BRANCH STABLES, STOCK YARDS, KANSAS CITY, MO.

### CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

EASIEST TERMS.  
PROTECTION FOR TWO YEARS.  
MOST LIBERAL CONTRACTS ON EARTH  
A NEW PLAN



FINEST HORSES:  
BREEDING, SIZE, QUALITY, STYLE, FINISH, ACTION, DARK COLORS.  
GUARANTEED FOAL GETTERS.

Our Own New, Personally Selected, Direct Importation.

A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.



### PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses. The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition. Barn at Moose Jaw, Sask., Can., in charge of E. F. Maxey.  
**L. M. HARTLEY, SALEM, IOWA.**

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LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

**Percheron Stallions For Sale.**  
IMPORTED and home bred from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.  
**G. C. HARRISON, Blencoe, Iowa**

**PERCHERONS FOR SALE.**  
IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maudslam & Wheeler, Fairfield, Iowa

HORSES.

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 150 Percherons, Belgians and Coachers 150

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES," they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS OF DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

IKKY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA



## TAYLOR & JONES,

IMPORTERS AND BREEDERS OF  
PERCHERON, SHIRE, HACKNEY AND  
BELGIAN STALLIONS.

We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions. We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

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## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.

## M. L. AYERS - SHENANDOAH, IOWA.

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## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Biande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.

## PETERSON'S BLACK PERCHERONS.

FOR \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.  
**H. E. PETERSON, LYONS, NEBRASKA**



# NOTED OHIO DUROC SALE

## WILL BE HELD ON FEBRUARY 12-13-14-15, 1907



The greatest collection of Duroc Jersey brood sows that have ever been sold in Ohio. Daughters of World's Fair and State Fair winners, and bred to winners at leading shows.



The get of Top Notcher, Kruger, Ohio Chief, Orion Chief, Kant Be Beat, C. E.'s Col., S. S.'s Col., Puckett's Chief by Ohio Chief, Model Chief Again, Ira Wonder, King to Be, Advancer II, King of Cols., The Chief, Beat Him if You Can, and other noted sires of equal merit.

**TUESDAY, FEB. 12, 1907.**

### 55 HEAD OF ROYAL BREEDING 55

SALE IN DAYTON, OHIO.

**WATT & FOUST,**  
CEDARVILLE & XENIA, OHIO.

**MAHAN BROS.,**  
OSBORN, OHIO.

Show sows by Kan't Be Beat, Top Notcher, King to Be, Golden Rule, Veribest, Top Notcher's Last, and other famous sires. Show sows that have been winners at leading state fairs are bred to boars that have won at noted fairs. Our offering is made up of the tops of our herds, all of which have a national reputation. Parties from a distance will find free accommodations at Phillip's Hotel, Dayton. Write for catalog at once, kindly mentioning The Homestead. Bids should be sent to Mr. Dante M. Pierce, Phillip's Hotel, Dayton, Ohio, representing this paper, and same will be properly handled. Cols. C. C. Keil, Ladora, Ia., H. L. Igelhart, Uniontown, Ky., Tom Vennedg, Hope, Ind.; E. W. Foster, New Carlisle, Ohio, Auctions.

**THURSDAY, FEB. 14, 1907.**

### 60 Whitehall Combination 60 BRED SOW SALE At Yellow Springs, Ohio.

Consigned by Fred Bauer, Eastwood, Ohio; S. E. Morton, Camden, Ohio; C. E. Speaks, Yellow Springs, Ohio; Geo. D. Black, Yellow Springs, Ohio; E. S. Kelley, proprietor Whitehall Farm, Yellow Springs, Ohio; G. H. Fogg, Yellow Springs, Ohio. The blood of Ohio Chief, C. E.'s Col., King of Cols., Whitehall King, Whitehall Model, Fogg's Col., Chic's Chief, Ira Wonder, The Chief, Advancer II., Model Chief Again, Morton's King, Beat Him if You Can by Kan't Be Beat, and others. No better bred lot or more noted blood lines can be found in any offering than in this one. Write for catalog. Bids should be sent to Mr. Dante M. Pierce, at Yellow Springs, Ohio, in care of Whitehall Farm.

**WEDNESDAY, FEB. 13, 1907.**

### ORION CHIEF & KRUGER BRED SOW SALES

TIPPECANOE CITY, OHIO.

### 50 Head--20 Yearlings--30 Gilts

THE PROPERTY OF IRA JACKSON.

Twenty yearling and thirty gilts, many sired by Orion Chief, bred to Kruger. A number sired by Kruger, bred to Orion Chief. My winners at Iowa State Fair, 1906, and Illinois State Fair, 1906, were bred this way. At these two fairs I won more first prizes than any other breeder or exhibitor in 1906. My herd won more first prizes at the World's Fair in 1904, than any other breeder's. This is strictly a show-yard collection of useful sows, representing the blood lines of the noted prize winners of leading state fairs. Free hotel accommodations at Phillip's House, Dayton. Send for a catalog, mentioning The Homestead. Send bids to Mr. Dante M. Pierce, in care of Mr. Ira Jackson, Tippecanoe City, Ohio. Col. C. C. Keil and others, auctioneers.

**FRIDAY, FEB. 15, 1907.**

### 50 TOPS OF TWO HERDS 50 AT AUCTION At Yellow Springs, Ohio.

S. S. PUCKETT AND M. R. GRINNELL.

By such sires as S. S.'s Col., S. S. Success, Puckett's Chief of Ohio, C. E.'s Col., Beat Him if You Can, and others, bred to a grand collection of boars, the best breeding, including S. S. Success, S. S.'s Col., Puckett's Chief, The Model, Ideal Success and others. For catalogs address M. R. Grinnell, Yellow Springs, or S. S. Puckett, Lynchburg, Ohio. Sale follows Whitehall Combination Sale. Bids should be sent to Mr. Dante M. Pierce, care M. R. Grinnell. Cols. Igelhart, Isenhower and Vinnedg, auctioneers.

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**DAMAGE DONE BY CHEAP STALLIONS.**

The day of the cheap stallion has not entirely passed. We mean cheap in the sense of being inferior in quality and therefore ill-adapted to the uses to which he is put. At the present prices of draft horses, together with the excellent prospects for their continuance, it would seem unnecessary to denounce the practice of using ill-bred, ill-formed stallions, no matter how low the service fee may be made.

Dr. Alexander in his recent bulletin on horse breeding touches this subject, and among other things says:

Nothing, probably, has done or is doing more damage to the horse breeding business than the fact that horses of low breeding are offered for service at low fees. If the stallion owner is popular in his community he finds remunerative patronage for his horse, even when the fee he charges is a small one, but the fee really is high considering the low cost price and value of the stallion. No worse policy possibly could be practiced. The cost of raising a high-grade as compared with a scrub colt is the same, but when the time comes to sell both, the colt from the pure-bred stallion, endowed with many of the fine attributes of his sire, commands a price in the market that at once repays the service fee, the cost of feed and care and returns a handsome profit as well. On the contrary there is no appreciative market for the scrub colt. He has to find some local buyer who wants a cheap "worker," and when the cost is counted his selling price rarely, if ever, more than covers the service fee and cost of raising. There is in reality little difference between the service fee charged for the average grade horse and the pure-bred stallion. It only is a matter of two or ten dollars at time of service, but at selling time the horse sired by the pure-bred stallion, if properly fed and cared for, may bring fifty to some hundreds of dollars more than the offspring from the scrub or grade. These are not theoretical statements, for there is abundant proof in every great market of the country. The cheap stallion is dear at any price, just as is a counterfeit of any kind. The best is none too good and it is only by using the best obtainable breeding material that the highest quality of horses can be produced. The farmer does not buy seed corn or oats or barley or wheat just because it is cheap, nor does he go from seller to seller looking for the seed he can buy the cheapest. On the contrary, he seeks everywhere for that seed which will return him the most bushels of the best-filled and heaviest marketable grain. Nor is he content to buy mixed seed for his grain crops. He tries to find the cleanest "pedigree" seed to be had, for he knows, by experience, that such seed will produce grain true to type and far more uniform and excellent in quality than that from ordinary "scrub," mixed, number "two" or "three" seed grain. When it comes to selecting a stallion, however, all of this sensible business policy seems to be forgotten, for the mare owner too often neglects the offered opportunity to patronize the pure-bred stallion and, for the sake of saving a few paltry dollars at the time of breeding, uses a stallion of impure blood and nondescript type and character no better by comparison than the poor seed we have alluded to.

In speaking about the cheap stallion we have in mind not only the inferior grade, but the inferior pure bred, because the day has not arrived when all registered animals approach a standard sufficiently high to justify their promiscuous use. In these times a mature draft stallion should, in fair flesh, be very close to the ton mark. This seems necessary in order to keep up the scale of our draft work horses. He should have feet of good size and his limbs should be clean—that is, free from blemish, and especially side bones and defects around the hock joints. These are some of the weaknesses that are reproduced if

they are in the sire, and no company or no individual should accept a horse, whether imported or home bred, that is not sound; sound in the sense of being free from the blemishes that are transmissible.

Of course the state of Wisconsin has taken this matter up in earnest and through a law enacted some time ago makes it necessary to procure a certificate of soundness for all horses standing or traveling for gain. This must be signed by a duly qualified veterinarian or the owner may make affidavit before a notary public that his horse is free from hereditary, contagious or transmissible unsoundness or disease. Since the enactment of this law upwards of 100 unsound or unsuitable stallions have been retired from public service in the state. This leaven should be allowed to permeate the whole mass until the unsound pedigreed horse and the scrub of

every description are driven outside the boundaries of the corn-belt.

**THE VALUE OF CLOVER HAY FOR FATTENING STEERS.**

Eleven steers weighing an average of 893 pounds were started on feed by the Indiana station on December 20, 1905, and were fed for six months. Their ration consisted of ear corn and clover hay. For the entire period these steers consumed a daily average of 19.7 pounds of corn and 8.3 pounds of clover hay. The gain from this ration was 2.08 pounds daily per steer for the entire period.

In an adjoining lot were fed eleven steers of the same weight and of similar breeding, these being fed for the six months' period on ear corn, shredded fodder and oat straw. The comparison, therefore, is made between the use of clover hay as roughage and shredded fodder and oat straw. These steers con-

sumed 17.6 pounds of corn daily each, 5.1 pounds of shredded fodder and 2.5 pounds of oat straw. The gain made from this ration was 1.3 pounds per day—this compared with a daily gain of 2.08 in the case of the clover fed steers makes a very striking comparison.

In another lot of steers oil meal was added to the corn ration, the roughage in this case being shredded fodder and oat straw. In this case one and one-half pounds of oil meal were fed daily per steer and 18.9 pounds of ear corn. In addition, 5.08 pounds of shredded fodder and 1.9 pounds of oat straw were consumed. From this ration the steers made a daily gain each of 1.8 pounds.

It required in the clover lot 946 pounds of ear corn and 399 pounds of clover hay to make 100 pounds of gain; in the case of the steers fed linseed meal it required 1,148 pounds of corn and meal and 393 pounds of roughage to make 100 pounds of gain; while in the lot fed straight corn alone with fodder and oat straw it required 1,345 pounds of ear corn and 486 pounds of roughage to make 100 pounds of gain. At current prices for feed stuffs the gains on the clover lot were made at a cost of \$6.59 per hundred pounds, on the oil meal lot \$7.79 per hundred, and on the corn and fodder lot \$8.56 per hundred. Here is a reduction in the cost of making 100 pounds of increase of nearly \$2 between the steers fed clover and those fed the shredded fodder and oat straw. Account was taken of the number of pounds of pork made in each lot of steers. It was found that the hogs following the steers fed clover hay made a gain of 2.1 pounds for every bushel of corn fed to the steers; the corn and oil meal lot 1.8 pounds and the straight corn and fodder lot 1.78 pounds. The clover-fed steers and those fed oil meal sold at the same price on the Chicago market—namely, \$5.35 per hundred—while the corn and fodder lot sold for thirty-five cents less per hundred. The conclusions drawn from this experiment by Professors Skinner and Cochel are as follows:

1. Ear corn and clover hay proved to be the most efficient ration used in this test, in economy of gain, rate of gain and profit per steer.
2. Ear corn, shredded stover and oat straw, supplemented with linseed meal, proved to be more efficient than ear corn, shredded stover and oat straw in economy of gain, rate of gain and profit per steer.
3. A ration of ear corn, shredded stover and oat straw was not efficient, economical or profitable.
4. The addition of some nitrogenous food stuff either in the form of concentrate or roughage added to the efficiency of the ration and to the profit of the feeder.
5. The value and importance of clover hay for fattening cattle was clearly demonstrated.
6. Linseed meal proved to be an efficient and profitable supplement when fed with ear corn, shredded stover and oat straw.
7. The steers receiving a ration of ear corn, shredded stover and oat straw, supplemented with linseed meal, were as well finished as those receiving ear corn and clover hay, although they made smaller gains.
8. The steers receiving ear corn shredded stover and oat straw without the linseed meal were not comparable with the other two lots in finish, rate of gain or profit.

Don't stroke the cow's nose and say, "poor Bossy," at feeding time and lam her on the back with the milk stool and yell like an Indian at her at milking time if you expect stock to pay cash dividends.



Percheron stallion Lamy 53952, owned by Frank Iams, St. Paul, Neb. See write-up on page 2.



## ROUGHAGE TO TAKE THE PLACE OF CLOVER.

The following communication has been received from a subscriber at Manning, Iowa:

Through a combination of circumstances I will not have any clover or timothy to use as roughage next year, and I am now laying plans to grow a satisfactory substitute. We can raise millet, kafir corn or common corn. Now, what would you advise me to do in order to obtain a supply to feed to fat cattle next winter? Millet is the most convenient and cheapest crop to handle, although kafir corn and Indian corn do well and yield enormously. What is the feeding value of millet hay as compared with good clover hay when fed to fattening steers? How about cane and kafir corn for this purpose?

None of the crops mentioned are as rich as clover hay, and from the list of crops enumerated it is almost impossible to select any one that can be used as a substitute for clover hay with the expectation of getting as good results from its use.

Clover hay contains 12 per cent or a fraction over of protein, while millet contains about 7½ per cent. Millet, however, can always be counted on to give good results if it is properly cured.

It is doubtful, under circumstances such as those described here, if one can do better than to make use of corn fodder, though it must be remembered that corn fodder is not as rich in flesh-forming constituents as clover hay. When one considers, however, that it is possible to grow forty, fifty or sixty bushels of corn and almost mature it, and at the same time get a crop of three or four tons of fodder per acre, it should be a temptation to use corn to the greatest possible extent. The crop can be cut just when the ears are nicely dented and shocked and afterwards fed out of the shock, or it may be shredded late in the fall and fed in that form. Where corn fodder is used for fattening steers one will have to use a little more oil meal or cottonseed meal than would be the case if they were given clover for roughage.

Sorghum and kafir corn are both satisfactory fodder crops, and it might be entirely practicable under certain circumstances to put in a few acres of one or the other. Sorghum is a little more palatable than kafir corn, and throughout a large part of the corn-belt is to be preferred. If it is seeded at the rate of eighty or 100 pounds per acre it will produce a fine fodder and if the soil is rich one may get a yield all the way from five to ten tons per acre. It must be remembered, however, that it is heavy work to handle the fodder.

Now, there is one other plan that might be considered practicable under certain circumstances. By sowing together peas and oats in the proportion of three bushels per acre, half peas and half oats, a crop will be obtained that will to a large extent supply the same feeding ingredients as clover hay. The pea crop is a legume, and if this mixture is cut just before the oats begin to ripen an exceedingly palatable and nutritious form of roughage will be obtained. Generally speaking, it may be cut with the binder if the sheaves are made reasonably small, so that the fodder will not spoil under the bands.

Peas in the corn-belt are not altogether a success as a grain crop, but for fodder purposes when sown along with oats, so that the vines are kept from trailing, there is a place for this legume.

We acknowledge that it was necessary to cover rather a large field in answering this inquiry, but we have done this so that this subscriber and others similarly situated might, from what has been said, select the method that seems most applicable to their conditions.

## SOME STEER FEEDING EXPERIENCES

The following communication has been received from one of our subscribers, Mr. L. C. Windland, of Madison county, Iowa:

My experience as a steer feeder dates back to 1896. In that year I bought two carloads of cattle and borrowed the purchase price of \$1,440 at 8 per cent. I paid \$3.50 per hundred for cattle weighing 1,160 pounds. I fed them 110 days and sold them at \$4.25 per hundred. They weighed at that time 1,380 pounds. This is a gain of 220 pounds in 110 days, or exactly two pounds per day per steer.

I raised all the corn they consumed, but bought two tons of oil meal to finish them out with. After paying the money I had borrowed with interest and also paying for the oil meal, I had a profit of \$506 for my corn and roughness. I also fed out with this bunch of cattle 106 hogs and these more than paid the \$800 rent that year.

That was my last winter feeding, as I have always been able to do a little better on grass. Recently I have been buying my cattle in February, picking up steers that will weigh 900 or 1,000 pounds. I give them a little corn through March and April and then put them on grass until the corn crop

is in the hard roasting ear. I then commence cutting corn fodder for them. Last year I did not buy my cattle until the middle of May. I have been watching the market in the past two or three years and find that most feeders buy about the first of the year, thus making the feeder market strong through January and February. In buying in May I did not have to pay any more per 100 pounds than they were selling for in February, and thereby saved the corn that is required to carry them from the first of the year until grass is good. Those cattle purchased in May were kept on good grass, but were started on new corn the third day of September. They sold the 12th of November with a clean profit of \$710 after paying for the use of the money in them. That I think is a very good showing for two loads of steers.

Where one has plenty of good grass, it is undoubtedly a better proposition to finish steers on pasture than it is to feed them out on grain and dry fodder alone during the winter months. However, under certain circumstances it is by no means an impracticable proposition to feed out a bunch of steers in winter. We have in mind a few carloads that are on feed this winter and are making a gain of two and a half pounds daily on a reasonable grain ration. There is one hog to the steer, following these cattle and getting very little grain beside what is picked up around the yards. The steers are consuming twenty-four pounds of ground corn daily and also some clover and corn-stalk roughage. There is now every reasonable prospect of getting a two-cent margin on the original weight of these steers, and when one considers the present selling price of hogs it is apparent that men who are making these gains and are handling in this way are going to make a good profit this year.

We strongly endorse the idea of feeding cattle rather than to market grain directly. If one succeeds in getting a good market price for his corn out of his cattle, and in addition gets a reasonable price for his roughage, he is much better off than if he undertook to raise the same amount of money that his profit will amount to by hauling grain. The farm on which two carloads of cattle are fed out annually and 100 head of hogs will grow richer each year, and where this practice has been carried on for sometime you will find corn on such farms running from sixty, seventy to eighty bushels per acre over the entire acreage that is in corn.

## THE CHARCOAL PIT.

One of our Nebraska subscribers, Mr. Henry Wulf, sends the following communication:

I have recently purchased a farm with considerable timber on it and would like if you would give me some information on how to make a charcoal pit and how to operate the same. This has been published in your paper once or twice, but now that I have to understand the subject in a practical way I wish you would give it again because I believe other subscribers will also be interested in it.

The manufacture of charcoal, either from cobs or wood, is a comparatively simple matter and yet it is not without its difficulties. A few years ago we dug a pit six feet long and about four feet deep and about three feet wide. At the bottom it was about four feet long and two feet wide, that is the sides were sloping. The base of an old smoke-stack was procured at a factory and this was flattened out so as to make a cover. Any kind of cheap metal will answer this purpose, though it must be thick enough so the heat will not warp it out of shape in order that it will wedge down into the hole.

In making charcoal the best plan is to start a fire in the bottom with a few shavings, add to this a little kindling and keep piling on your material, seeing to it that the fire is not smothered out until you have the pit full. When all the material in the pit is well charred with fire, put on your cover and if necessary throw a little soil around the edge of the cover in order to exclude the air. When this is done the material in the pit, instead of burning to ash, will burn to a charcoal.

Now, the only objection to this simple style of pit is that eventually the sides will cave in, and for that reason we believe that it will almost pay to brick up the bottom and the sides. There is no reason why the pit cannot be made circular as well as rectangular, providing one can obtain a circular metal top.

In this connection we will give one more suggestion applicable to the making of charcoal. Unfortunately, it is not so well adapted to the making of charcoal from wood as it is from cobs. We refer to the plan of starting a fire on the surface, using shavings and building it up gradually by piling on your cobs, being careful not to smother the



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fire, and when you have the pile sufficiently large then put it out quickly with water. If to a barrel of water you add two or three pounds of copper sulphate and half a gallon or a gallon of salt and dissolve these, you then have a valuable mixture, especially if it is used for hogs. This can be done without going to the labor of building a pit, and, indeed, if it is the aim to cut the labor element out one can build his fire in the hog lot so that when the charcoal is made the hogs will have access to it at once.

## WHY CORN IS MOLDY.

A subscriber at Delavan, Wis., sends the following communication:

There is much complaint among farmers in this locality about their corn being moldy. Some quite good fields of corn have a very large proportion of the ears completely covered with mold, and they are therefore worthless. Some ears that look apparently sound on the outside are moldy around the cob when broken in two. Corn that was picked early in the season for seed and properly handled seems to have escaped, but all the corn that has been left in the field in this locality is practically unfit for feeding. Some say the trouble to heavy rains in the fall, while others say it was the early October freeze. I shall consider it a favor if you will, for the benefit of your readers, throw a little light on this subject.

Generally speaking, mold goes hand in hand with an attempt on the part of farmers to introduce varieties of corn that are too late for their locality, and while under any circumstances late fall rains may contribute something by way of increasing the percentage of mold on corn, yet we have seen instances where plenty of mold was found when the weather was ideal.

So far as we know there is no remedy this year, but the fact that corn in a locality should be in this condition suggests the advisability of attempting to grow varieties that mature a little earlier. Sometimes corn produces a very large cob, and this, of course, is characteristic of certain varieties. When such is the case it frequently happens that it contributes something to mold, especially at the point or germinating part of the kernel. For that reason the score cards used in our educational institutions make allowance for corn shelling a certain percentage of grain. By emphasizing this, a cob of medium size is obtained, and this under average conditions insures a more perfect drying out than where the large-cobbed varieties are grown. Corn that is properly acclimated and planted at the proper time seldom molds, no matter what the weather is. It is a mistake also to attempt to grow varieties that are extremely deep in the kernel.

## EFFECT OF BARLEY GROWING ON SOILS.

One of our subscribers from Fredericksburg, Iowa, sends the following communication:

I am told that barley is an exceedingly hard crop on a soil. It is said that you can hardly grow any other crop after barley without manuring the land. I would like if you would discuss this subject for the benefit of those who think this crop can be profitably grown.

The statement that barley is especially hard on a soil is absolutely without foundation. A forty-bushel crop of barley will take from the soil 146 pounds of ash material and forty-seven pounds of nitrogen, while forty-five bushels of oats per acre will remove 194 pounds of ash and fifty-two pounds of nitrogen. A thirty-bushel crop of wheat will remove 189 pounds of ash and forty-five pounds of nitrogen. It will be seen from these figures that a forty-bushel crop of barley takes considerable less plant food from the soil than either wheat or oats.

Compared with other cereals, barley is somewhat more shallow rooted and the fact that it does not grow so rank in the straw makes it an almost ideal crop with which to seed down clover and timothy.

It has an important place in the rotation of the corn-belt, inasmuch as it produces under ordinary circumstances a large weight of grain per acre and this, if properly mixed with other foods, may be used for all classes of animals. It may also be seeded mixed with early oats, in which case the yield of the mixture will be considerably larger than either grains seeded alone.

## RAISING SOY BEANS FOR HOGS.

The following communication has been received from one of our subscribers, Mr. A. H. Jeffrey, of Warren county, Iowa:

One of our field men while visiting my herd seemed much interested in the success I have had in raising soy beans and its use as a hog food. He suggested that I give my experience for the benefit of others. I have been raising soy beans for two years. This year I had four acres and I am more than pleased with the result. If planted as soon as possible after corn planting they are ready to commence feeding about the last of August, and then the hogs will eat leaves, pods and branches. They can be cut with a mower and raked if cut while the pods are yet yellow and soft. Stack like hay and give the hogs a few forkfuls every morning, and they will do the rest and show you by their eagerness and by their glossy coats that it is what they want. I drill the beans thick in the row with corn planter and cultivate as I do corn.

I have tried cow peas, but like the soy beans much better; they are bushy and stiff and do not fall down like peas do. Mill feed and digester tankage are all right, but are so high in price that they make a hole in the profits. I think much can be saved and as good results obtained with soy beans and alfalfa. I sowed three acres of alfalfa the 20th of last August and got a splendid stand, and expect to sow more next fall. Mine are the early yellow kind and I would advise all good hog raisers to try a few of them. Two quarts will raise enough to try, and plenty to plant the next year.

We believe that the acreage of soy beans grown in the corn-belt will greatly increase during the next few years.

The department of agriculture some time ago published a special bulletin on methods employed in handling hogs by a Mr. Rowe in Illinois—methods that involved the use of soy beans fed in connection with corn.

Soy beans are exceedingly rich in flesh-forming constituents and experiments conducted in feeding the beans to hogs indicate that they are not only palatable, but that they make an ideal feed for balancing corn.

## FRANK IAMS' FOUR-YEAR-OLD PERCHERON STALLION, LAMY (53952).

WEIGHT 2,040 POUNDS—SWEEP-STAKES WINNER.

Mr. Frank Iams writes: "Mr. Stallion Buyer:—'Good things come to those who bustle.' That's why 'Iams is the horseman of the hour.' He is saving 'stallion buyers' thousands of dollars on first-class stallions. He has 'lifted the lid' on high-priced stallions. Everybody gets in on the 'ground floor' and saves \$1,000 or \$1,500 on a stallion that is so good that Iams is not forced to place him on the auction block or have him peddled by a 'bunco stallion salesman' to sell him. Iams' twenty-five years of successful horse business makes him sell 'Peaches and Cream' stallion prize winners at \$1,000 to \$1,500 (few little higher). Guaranteed better than any \$3,000 to \$5,000 'company stallion.' If you don't find it so and every statement in the greatest 1907 horse catalog on earth, you get the \$500 Iams hangs up. Iams can place \$1,000 or \$1,500 insurance on any of his stallions sold. You say, 'Why can Iams sell better stallions at half the price of others?' Iams buys and sells every stallion himself at his home barns. He buys stallions by 'special train load,' eighty to 150 at a time. He speaks the languages, saving you 20 per cent. He is not in the 'stallion trust,' saving you \$300. He pays no 'slick salesman' \$1,000 to sell you a fourth-rate stallion. He has no 'two to ten men' as partners to share 'profits.' He pays spot cash for his stallions, owns his farms, houses, barns, stocks and stallions. He sells stallions by 'hot advertising.' Our illustration on page one is Iams' Lamy (53952), four-year-old Percheron, weight 2,040 pounds, a 'Peaches and Cream' boy. A model drafter with 'two good ends and a middle' and a big, clean bone under each corner. A smooth-finished, swell 'black boy' that will put all 'your hair in a curl' with his big style and whirlwind action. He is only one of 150 'top notchers' that must be sold by Iams at bargain prices. Write for Iams' 1907 horse catalog. It has reading in it that will make you wear diamonds. It's worth its weight in gold."



## \*\*\*\*\* Farm Furrows \*\*\*\*\* Turned by a Practical Farmer.

When nature made the mule she forgot beauty points, but she made up on the utility points.

It was a city boy, I think, who defined water as that which got dirty when you put your hands in it.

A well patronized farmers' co-operative creamery is better than a gold mine to the village and the surrounding territory.

You will get more enjoyment in life if you compare your present success with your past instead of with your neighbor's.

"Am well pleased with the animal you sent me" is a phrase that I like to see in a letter after sending out a pure-bred animal.

If only the world could judge us and size us up by our best efforts and not our feeblest, we would come more nearly passing muster with our fellows.

I am thinking of painting a barn, but can hardly make up my mind whether to use the spray pump or not. It would save an immense amount of labor. If any reader has tried it, please help the Furrows man out of his fix.

I don't dabble much in household matters, but this experience amazed me: A friend of ours borrowed some linen to help out on a pinch and brought it back unlaundered. To me that practice has a tinge of coarseness about it.

The draft horse is the one that brings the money, but for all-round farm work give me a closely-knit 1,400-pounder. Indeed, I have a 1,200-pound standard horse that will make any drafter see stars before the crop is in and the corn all cultivated.

If we give anyone \$25 and get only \$22 in value in return we speak out immediately and in unmistakable terms. Yet in a year we sometimes give a cow \$25 worth of feed and get \$22 worth of produce without even knowing that we are cheated.

I cannot recall a time when freight was as much congested as it is at the present time. It seems to be an impossibility for the railroads to move it as fast as the people want it moved. If there were less water in railroad stocks there might be more locomotives available to haul with.

The morbid element in man's make-up seems to be exceedingly well developed these days. I am led to this conclusion by the amount of space that is given in our daily papers to such incidents as the Thaw trial in New York. Papers wouldn't print this kind of news if their readers did not demand it.

I am not saying that congressmen don't earn the \$7,500, because they say that their wives need a terrible lot of dresses if they live in Washington. Many congressmen are rich, of course, although a magazine writer recently recalled the fact that he had never known a case where one failed to draw his monthly stipend. We in the corn belt are not kicking so much on salaries so long as

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We keep a full stock of **American Spreaders** in all leading trade centers, and also carry a full line of repairs at these points, thus insuring quick delivery of parts in case of breakage.

Now why not get your order in, at once for an **American Spreader**? We are now giving Spring dating on early orders, and you might just as well have your Spreader at once. It doesn't cost you any more to buy now instead of later.

Write for our Big Book of full particulars and let us quote you a price direct to you—delivered at your station—all freight allowed. No matter what Spreader you have been thinking of buying—no matter what Spreader you have been looking at—send for our Book and Special-Delivered-to-You-Price—before you finally decide. Better write to-day—NOW.

we get good service, and none of us would have our great statesmen making laws in shabby attire.

Generally speaking, a specialist becomes more or less of a crank. A friend of mine has made a special study of corn and I don't believe that he could talk five minutes to anybody without getting on that subject. It takes a crank to move things, of course.

It would cost you about twenty-five cents a word to have a good painter make you a sign to hang on your gate post, where possibly a hundred, or, at the outside, not more than 200 people would read it. For five cents a word you can advertise in the classified columns of this paper and reach a circulation of 190,000.

When a man pays taxes on the full valuation of his land and at the same time it is mortgaged for half its value and if the holder of the mortgage pays taxes on his credits, is not that double taxation? To one out on the farm it looks as though the owner should only pay taxes on the equity he has in the land and let the man who holds the mortgage pay on the value of that mortgage.

I sometimes get very weary in trying to reproduce accurately an exact shading of feathers in fowls. One engaged in the pure-bred business has to do it, but I could never see the utility of this feather-marking business. While at a poultry show recently I saw some exceedingly well-marked Barred Rocks, but the fine feathers were not, in my

## PILES, FISTULA AND OTHER RECTAL, BOWEL AND STOMACH TROUBLES ARE DANGEROUS IF NEGLECTED

IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

ADDRESSES OF A FEW OF MY IOWA PATIENTS CURED.

G. C. Warfield, Traer, Ia.; Mrs. W. B. McCaull, Villisca, Ia.; A. E. Miller, Vinton, Ia.; Henry Smith, Morning Sun, Ia.; G. A. Wood, Humboldt, Ia.; H. F. Opfer, Waucon, Ia.; W. Smouse, Washington, Ia.; T. O. Williams, Morning Sun, Ia.; T. J. Ochiltree, P. M. Morning Sun, Ia.; Rev. Robert Carroll, Ft. Dodge, Ia.; M. A. Crawford, Clarion, Iowa. **BOOKLET SENT FREE.**

**J. M. AULD, M. D., 80 DEARBORN ST., Dept 11, CHICAGO, ILL.**

opinion, on the right birds. Certain birds of far superior individuality from my standpoint scored much lower than these fancy fellows.

I wonder if the day will ever come in the history of our children or our great grandchildren when we can elect a congress that has sand enough to cut off the free distribution of seeds? I have never had the face to ask my congressman for a package of these seeds and he has never been thoughtful enough to send me one without asking, so I don't owe the national government anything for seeds.

A game law passed in Illinois a few years ago brought about some surprising results. By the terms of this law every citizen who desired to hunt had to pay a \$1 license. It was thought that this license would bring to the state treasury the sum of \$20,000 or \$25,000, but it ran over \$100,000 the first year.

The citizens of Monroe county, Iowa, are circulating a petition for signatures

## JOIN THE UNITED STATES NAVY

**GOOD PAY**, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentice seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.

which will afterwards be presented to the thirty-second General Assembly, the purpose of which is to bring about the enactment of a law prohibiting the shooting of prairie chickens in the state of Iowa for a period of five years. When this bill is introduced we believe that it should receive strong support from farmers generally.

A marvelous degree of prosperity is flooding the land. It is due to several causes. One is that during the last ten years important discoveries have been made in gold mining so that ore that could not formerly be worked at all is now yielding scores of millions of dollars annually. This has led to an increase in the supply of the world's money and no doubt that helps to make the wheels go round.

There is one thing that is badly needed in all small towns and cities, and that is a comfortable rest room for farmers' wives and daughters. I have seen women sitting around feed yard offices for hours, waiting for the men folks. It don't look right, gentlemen, and you shouldn't ask your good ladies to do it. The parlors of a comfortable hotel make much better waiting rooms than feed yard offices.

Our congressmen are not without the courage of their convictions, however, because they recently boosted their salary from \$5,000 to \$7,500 a year. This increase takes effect in 1909, so that many of those who are now in the harness will get their paw on some of the benefits.

**TO CURE A COLD IN ONE DAY**  
Take **LAXATIVE BROMO Quinine Tablets**. Drug gists refund money if it fails to cure. **E. W. GROVE'S** signature is on each box. 25c.

Do not fail to read the last argument of the Litchfield Mfg. Co. which they are offering our readers this week for the Litchfield Manure Spreader. This is on page 5 and attempts to explain clearly the difference between freak changes and durable improvements.



## WHAT DO YOU SAY?

Several hundred thousand farmers say that the best investment they ever made was when they bought an

## Electric Handy Wagon

Low wheels, wide tires; easy work, light draft. We'll sell you a set of the best steel wheels made for your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money.

**ELECTRIC WHEEL CO., Box 43, Quincy, Ill.**



## Musgrave Wire Stretcher

Stretches fence post end post; turns with a crank; pulls 10,000 lbs., \$6.00. Also ask for cut. lawn, poultry and hog fences and gates.

**MUSGRAVE FENCE CO., Des Moines, Iowa**



We present to the readers of The Homestead the above likeness of What You Say 36591, one of the boars in use in the herds of Messrs. E. H. Deal & Son, of Elwood, Ill., and Fred Schweizer, of Elwood, Ill. This boar is, in the opinion of the writer, the best son of Proud Advance to be found. The dam of this boar was Amy M. by Orion, so that the blood lines cannot be improved. What You Say is a two-year-old, of show-yard merit. A number of sows in the forthcoming sale of Messrs. Deal, Schweizer and J. G. Norton, which will be held on Tuesday, February 19th, are bred to this noted boar. See field notes.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## CENTRAL SHORT-HORN BREEDERS' MEETING.

The annual meeting of the Central Short-horn Breeders' association was held at Kansas City on Tuesday and Wednesday of last week. It was not largely attended, which, no doubt, was due to the severity of the weather at that time. However, an interesting program was carried out and, all things considered, the meeting was a successful one. Following the address of W. A. Harris on "Showyard Etiquette," a resolution was offered by N. H. Gentry which will be presented to the management of the various shows of the United States. The resolution is as follows:

Resolved—that it is the sense of this meeting that at all live stock shows the management should strictly enforce the rules, that only attendants of stock, superintendents and judges be allowed in the arena while the decisions are being made.

An excellent paper had been prepared by John R. Tomson of Dover, Kan., on the subject "Straight, Crooked or Cross-wise, but Always the Best." This paper was read by James Tomson in the absence of his brother. The main thought in Mr. Tomson's paper was that there is at present too much attention being paid to pedigree and not enough to the individual merit of animals, and especially to the character of the animals that are mated. Men in a general way buy promiscuously, in most cases making their purchases on the basis of blood lines without taking into account sufficiently the conformation of the male, and especially his adaptation to the herd of females.

Mr. Tomson's paper brought forth an interesting discussion, and men on every hand seemed ambitious to denounce the practice of laying so much stress on imported sires as compared with American-bred animals. It was shown that animals are brought to this country from Great Britain that are decidedly mixed in their pedigree and yet they are considered, in the main, to be straight Scotch. If an animal bred on this side, however, is at all mixed it is discounted at once. Mr. B. O. Cowan brought out the thought that some of the greatest bulls that have been used in this country, that is bulls that have produced the best calves, have had less than 75 per cent of Scotch blood in their veins. This pedigree craze, in Mr. Cowan's opinion, is gnawing at the very vitals of the Short-horn business.

Mr. W. L. Miller, of Peru, Ind., who is an exporter of Short-horn cattle, gave a talk on the "Possibilities of a Foreign Market." He called attention to the fact that breeders of this country make the mistake when they advertise Scotch Short-horns instead of American-bred Short-horns. This gives breeders abroad the idea that because we are importing largely from Scotland our cattle therefore cannot be as good as they are in their native land. Rather than come here for Scotch cattle, it is natural that

they should go directly to the heather hills. Mr. Miller urged that breeders should test their herds for tuberculosis, because no animal that will not stand the tuberculin test is allowed to enter South America. He expressed the opinion that it would pay handsomely to have the herd tested and advertise that fact before the world. If it could be demonstrated that American herds are kept free from this disease this fact alone would do much to assist export trade. Prof. R. J. Kinzer, of the Kansas Agricultural College, gave an interesting talk on foods for economic beef production. He pointed out the great possibilities of accomplishing good results by the use of foods grown on the farm.

A banquet was enjoyed at the Coates House at the close of the meeting. The ceremonies were presided over by B. O. Cowan, who, in a happy manner, discharged the duties of this important office. Among the speakers were President Robinson, of the live stock exchange; President Swift, of the national live stock exchange; General Manager Rust, of the stock yards company; Ex-Senator W. A. Harris and the Rev. F. V. Loos, of Liberty, Mo.

As said before, this meeting was a success in every way, the only regret expressed by those present being over the small attendance. The program was entirely too good to be carried out before empty seats. It is our intention to publish the papers read from time to time, so that in this way a larger circle of breeders will be reached than simply those who were present last week.

## The Week in Kansas.

To the Editor of The Homestead:

This week has been winter. It has been a little colder than Kansas winter, too. It has been real winter. The man who, a few weeks ago, was afraid we would not get cold weather enough to freeze the ground as much as it should be, is satisfied on that score now, but is afraid it has been so cold that the peach crop has been killed.

It did not get as cold as it felt. Everyone outside the knowledge of a thermometer felt that he was moving around in about 10 below zero weather. In reality, according to a reliable thermometer we go by, it barely reached the zero mark. It was just as cold as it could get at that point, though.

Of course the newspapers have hailed it as "intense cold; stock suffering," and such like phrases. They never lose a chance to make each storm a little worse than it is, or a prolonged drouth just a little more prolonged and a little more injurious than it is.

Here there is barely a skiff of snow on the ground, all that fell here. From the newspapers, we learn that some sections of the state received as many as six inches of the whiteness, enough to make some showing for good on the wheat that is now locked up in the soil, along with all the moisture it can hold. More snow than we have had would have benefited the wheat of eastern Kansas.

Yesterday the price of hogs passed the seven cent mark in Kansas City, reaching the imposing mark of \$7.02½ a hundredweight. Thoughts are now turned on eight-cent hogs. Before seven-cent hogs became a reality, that was the coveted mark, but now the goal has been placed one long notch further off.

The work of the week has been the chores and grumbling at the weather. The roads were frozen when about as rough as it is possible for roads to become, and the roughness is being slowly worn off by the necessary traffic. There is enough moisture locked up to make every road muddy when the thaw does come, so traveling is being done by many now, taking roughness in preference to mud.

This evening there is a sign of a return of another spring, though of course there is still more winter to come, even if spring-like weather should come to stay for awhile. It is only a matter of about three weeks, however, when we of Kansas look for the kind of weather when we expect to start spring grain sowing. A gentle breeze is blowing from the south; the sky is almost cloudless, and off to the west, as the sun went down, there was promise of a good day tomorrow.

Henry Hatch.

Coffey Co., Kansas, Feb. 6, 1907.

## The Manley Sale.

As usual, a good crowd attended the Durro Jersey sow sale of Messrs. E. H. Manley & Co., at Lyons, Neb., on February 5th.

## Get Your Order In Early

For a Detroit Tongueless Disc Harrow  
Sold On Time—or For Cash

## ON 30 DAYS' FREE TRIAL

Last year 1463 people waited too long before ordering. We were all sold out—factory couldn't keep up and we had to disappoint these 1463 people by returning their orders. Just couldn't make Disc Harrows enough to go round—that's all. Why?

Well, if you are at all familiar with Disc Harrows, and will look at the picture in this advertisement, you will see some of the reasons why we could not make enough to meet our demands. There is no tongue to pound up horses—whipping back and forth. No pushing or crowding of the team on corners. No tongue weight to gall up the horses' necks. No one horse pushing—and one pulling, on turns—just straight, even pulling ahead all the time. Perfect balance of frame makes Disc roll smoothly. Lightest draft Disc made.

These are a few of the reasons why we sold so many Detroit Tongueless Disc Harrows last year. There are other reasons explained in our book—too many of them to give here.

Now here's a big patent feature for 1907—an additional feature over last year.

## OUR TRANSPORT TRUCK ATTACHMENT

Notice the truck wheels just back of the Disc blades? You can attach them in a minute's time to the Detroit Tongueless Disc Harrow—and Discs are raised from the ground—elevated on light running front and back trucks.

This puts your Disc on wheels and you can drive anywhere—over rough roads—sand—gravel—stones—or bridges—without dulling the Discs or cutting up the surface. Strong brake makes driving down the steepest hill perfectly safe.

It's a great convenience—that patent TRANSPORT TRUCK of ours! And it's found on no other Harrow on the market.

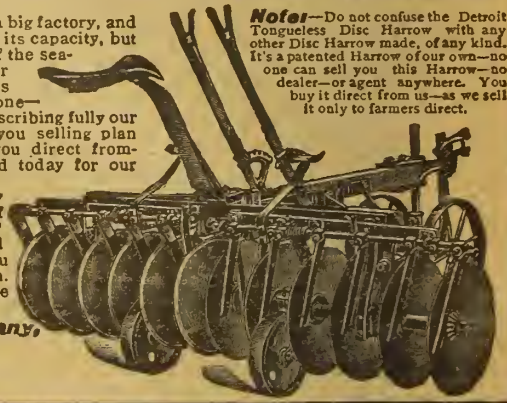
**Important.** Now we have a big factory, and are running it to the very limit of its capacity, but

Right now—way in advance of the season—half of our factory output for

Spring is sold—and a flood of orders are coming every day. If you want one—and you will if you get our Book describing fully our various sizes and our direct-to-you selling plan (time or cash) and prices quoted you direct from factory-to-station—you should send today for our Book, Plan and Price.

Just write us on a postal—say "Send me full particulars of Detroit Tongueless Disc Harrows"—and we'll send you our Book and other printed matter and quote you a direct price, at your station. Freight guaranteed—on our Free Trial Plan.

American Harrow Company,  
W. W. Collier, Gen'l. Mgr.,  
147 Hastings St.,  
Detroit, Mich.

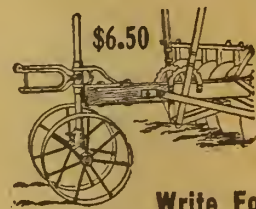


**Notes**—Do not confuse the Detroit Tongueless Disc Harrow made, of any kind. It's a patented Harrow of our own—no one can sell you this Harrow—no dealer—or agent anywhere. You buy it direct from us—as we sell it only to farmers direct.

## New Tongue Truck

### FOR DISK HARROWS AND OTHER MACHINES

No need of buying a new Harrow, Mower or Seeder to have the new tongueless implements. Your old implements can be made modern and up to date by buying one of our inexpensive Famous Tongue Trucks. Can be attached as shown in picture to any implement, old or new, and is the simplest and most practical truck made. Takes the weight from the horses' necks, prevents bruises and galls. Only truck made which permits raising or lowering of tongue and hitch at the same time, thereby causing direct draft and even cut of disks. Write postal for particulars.



**Write For FREE** Circular describing different style Trucks and our proposition to send Truck on 10 days approval. Send your name and address today.

Crescent Furnace and Foundry Co., 600 Madison St., Des Moines, Iowa.



## THE OLD RELIABLE ..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills.  
TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs.  
I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.  
Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

## HORSE OWNERS! USE



## CAUSTIC BALSAM.

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all blemishes from horses. Impossible to produce scar or blemish. Send for circular. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

The offering was in good condition and an average of \$100 was made on forty-six head. No. 1 topped the sale at \$450 and went to Messrs. Tryon & Son and Will Stone at Lyons, Neb. Advance Lady, a daughter of Proud Advance bred to Junior Jim was the second highest and was purchased by Mr. C. H. Riser, Sanborn, Iowa, at \$260. It was a more even sale than they have ever made before. Colonel Luther cried the sale. Below is a list of buyers and prices paid:

Lot.	Buyer	Price.
1	Tryon & Son and Will Stone, Lyons, Neb.	\$450.00
2	Peterson Bros., Lyons, Neb.	180.00
3	John Tryon & Son	75.00
4	Sam Harris, Lyons, Neb.	190.00
5	Peterson Bros.	65.00
6	F. E. Garrett, Lohrville, Iowa	155.00
7	E. F. La Rue, Lyons, Neb.	82.50
8	Edmonds, Shade & Co., Kingsley, Iowa	100.00
9	Geo. Nordyke, Allen, Neb.	155.00
10	Clark & Tryon, Wausa, Neb.	67.50
11	C. H. Reisser, Sanborn, Iowa	260.00
12	John C. Tighe, Stanton, Neb.	205.00
13	Edmonds, Shade & Co.	75.00
14	C. F. Kirk, Pouca, Neb.	140.00
15	F. E. Garrett	125.00
16	John Robley, Lyons, Neb.	102.50
17	C. H. Reisser	102.50
18	Hood & Baker, Dunlap, Iowa	100.00
19	E. F. La Rue	120.00
20	F. E. Garrett	70.00
21	John H. Tryon & Son	72.50
22	Von Seggern Bros., Wisner, Neb.	67.50
23	N. J. Nelson, Newman Grove, Neb.	67.50
24	A. W. Barr, Rosalia, Neb.	70.00
25	Scott Robley, Lyons, Neb.	52.50
26	C. P. Wetzel & Son, Wheatland, Wyo.	62.50
27	Frank Backus, Oakland, Neb.	70.00
28	C. H. Reisser	65.00

29	Frank Backus	52.50
30	John Lyder, Belden, Neb.	90.00
31	Frank Backus	102.50
32	Herman Von Essen, Oakland, Neb.	92.50
33	John Otterman, Pender, Neb.	65.00
34	Fairchild & Stevenson, Onawa, Iowa	75.00
35	C. P. Morris, Dwight, Ill.	70.00
36	Frank Backus	67.50
37	B. R. Miller, Randolph, Neb.	85.00
38	P. J. Swenson, Craig, Neb.	67.50
40	Frank Backus	47.50
41	Frank Backus	50.00
42	Perry Livengood, Castana, Iowa	52.50
42½	Fairchild & Stevenson	75.00
43	J. R. Latta, Decatur, Neb.	52.50
44	Earl Brown, Lyons, Neb.	50.00
45	Frank Backus	60.00
46	Same	42.50

## DEAR EDITOR:

You no doubt know that nearly all last season our company sold the best 600-pound per hour capacity hand cream separator made for about one-third the price generally asked, and gave everyone a free trial.

As you are interested in the welfare of your readers, I wish you would say to them, one and all, through the columns of your paper, that for this season our separators have been improved to a point of perfection, still further outclassing any other separator made, still easier to operate, still larger capacity, and impossible to get out of order or give trouble, and any reader who will write to Sears, Roebuck & Co., Chicago, and ask for their 1907 Cream Separator Catalog, will receive the big book by return mail, postpaid, free, together with the lowest prices and the most astonishingly liberal offers and inducements we have ever made.

Yours very truly,  
R. W. SEARS, President Sears, Roebuck & Co.



## Interstate and Swine Breeders' Meeting

One of the most important meetings of the year was held at the stock yards, Sioux City, Iowa, on Tuesday and Wednesday of last week. This was the annual meeting of the Interstate Breeders' Association held in conjunction with the Iowa Swine Breeders' Association. Unfortunately, the dates of this meeting came at a period when the weather greatly interfered with the attendance. Stockmen, as a rule, are not prone to leave their herds when the weather is below zero. There were from 100 to 150 present when the program was being carried out.

### Prof. H. R. Smith, on Feeding.

Prof. H. R. Smith, of the University of Nebraska, gave a decidedly interesting and instructive talk, using for his subject "Cattle Feeding in the Corn Belt." He based his remarks on experiments that have been conducted at the Nebraska station and presented such facts and figures as to indicate that it is a decidedly better policy to feed cattle, even though only market price is obtained for the grain and roughage consumed than it is to haul grain to the elevators. Indeed, the experiments cited by Professor Smith indicated that under ordinary conditions one can do much better than merely to market his grain through the medium of beef and pork at prevailing elevator prices. One important matter touched on by Professor Smith was the fact that as a general rule men feed grain too heavily and do not use enough good fodder. Where alfalfa is available, a ration composed

of equal parts corn fodder and alfalfa fed along with corn meal gives excellent results. He showed that even a half grain ration fed with good alfalfa hay and corn fodder will make as much as two and one-half pounds of gain daily per steer throughout a given feeding period. By doubling the grain ration and cutting down the roughage, slightly larger gains are made, but these are put on at a greater cost than the feeding of a ration composed of fourteen or fifteen pounds of grain daily, together with all the good roughage that the steers will eat.

### Prof. Andrew Boss on Stock Judging.

The second item on the program was a stock judging demonstration given by Prof. Andrew Boss, of the University of Minnesota. Both horses and cattle were used in the ring for this purpose. He gave briefly the aim and purpose of the score card as applied to judging animals, expressing himself as believing that it was strictly a means to an end, emphasizing as it does to the mind of the young breeder the relative importance of every part of the animal. The importance of breed type was emphasized by Professor Boss, and in the case of beef animals he called special attention to the emphasis that should be placed on the merit of animals in their most valuable parts—that is, parts that are of greatest value on the block. He pointed out where there might be some conflict between the ideal packer's animal and the ideal breeding animal, inasmuch as the lower part of the body is largely made up of cheap meat, though the breeder must have these parts developed in order to give balance to his animal and to insure strong constitutional powers.

### H. G. McMillan on the Draft Horse.

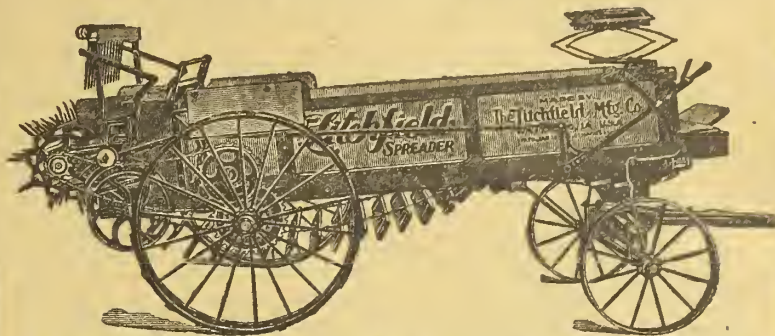
The subject of draft horses was discussed by H. G. McMillan, of Rock Rapids, Iowa, on the evening of the first day of the meeting. Mr. McMillan expressed it as his opinion that already the territory adjacent to Sioux City had established a national reputation for good horses, his claim being that every market in the United States was on the outlook for drafters from that locality. This is due to the fact that climatic conditions are ideal for raising the draft horse, the right kind of feed stuffs are raised in great abundance, while, lastly, farmers have been wise enough for many years to use good sires.

Mr. McMillan deplored the fact that at the present time most of our purebreds were raised on large farms. He gave it as his opinion that instead of this being the case it would be much better for farmers and for the horse industry generally if on every farm could be found two or more good draft mares, and so much the better if they were recorded mares. Attention was called to the fact that prices of horses were high on account of the mammoth proportions of trade generally. Practically every pound of freight shipped over the railway has to be hauled by the draft horse before it is loaded and also after it reaches its destination. There has been no other agent yet discovered that could take the place of the horse where materials have to be hauled over the natural soil or on any kind of highway but those that are paved. In the future the growth of commercial enterprises can only affect the draft horse industry favorably, in the opinion of Mr. McMillan, and that therefore farmers generally are justified in going into the business and raising good ones. Nothing can hurt the horse industry but a general demoralization of trade, brought on by commercial disturbances, failure of crops or through other agencies.

### Mr. John Thompson on Farm Management.

The editor of The Farmer's Tribune at Sioux City, Iowa, Mr. John Thompson, gave an address on the subject of farm management. He pointed out that the great weakness in the agriculture of the corn and wheat belt is that farmers do not keep records, and, in the second place, they do not employ sensible methods of rotation on their land. One reason for lack of rotation is that the farm is not judiciously fenced. Mr. Thompson strongly advised dividing up the farm into fields of uniform size in order that a definite plan might be in-

## THE DIFFERENCE



### BETWEEN IMPROVEMENTS AND CHANGES

IMPROVEMENTS, like our good American citizens, are a necessity. They are the best that is, representing life and progress. "Changes" are like the gypsy, better if they never happen. The greatest injustice that has ever been perpetrated on the buyer of American machinery is the substitution of "changes" for improvements.

"In the beginning" it was fully determined that such changes as occurred in connection with the Litchfield Spreader should be improvements and a class of improvements that would exercise a mellowing influence on the ragged repair edges and the expensive break downs and the aggravating delays, which are the usual mile posts along the "Rocky road to Dublin," over which all Manure Spreaders must travel before their swaddling clothes and nursing bottles are permanently discarded.

If our readers will take pains to compare the changes that have occurred from time to time on the Litchfield Spreader, it will be noted that these are absolute and bona fide improvements that have a practical value and not value in theory only. Take pains to search out the quality of these improvements. Compare them with the lack of improvements on other machines or the changes on other Spreaders that have been made and labeled "improvements."

When the Litchfield Spreader came out with its swinging section conveyor, this was an improvement; pure, simple and unadulterated and nothing but solid, substantial facts all "hinged together" for working results.

Later when the shell built steel wheels were offered in place of the old-fashioned kind and when the single lever in place of the half dozen similar appendages found on other machines, were introduced, these were not simply "changes," but were genuine improvements. Still later when actual improvements were offered on the business end of this modern machine, they proved to be as represented and the proof is growing stronger every day. We might go on and enumerate one improvement after another that has been applied in a business-like, tried-out and substantial way to the Litchfield Spreader, but this space will not permit it.

Allow us simply to say that the ideas that later become improvements on the Litchfield Spreader, usually hatch out a few years ahead of the "other fellows," and this Spreader now stands as a monument of results, obtained by persistent, systematic and determined efforts to improve (not "change") this deservedly popular Manure Spreader.

THE LITCHFIELD MFG. CO., P. O. Box A388, WATERLOO, IOWA

**\$5.95**  
Freight  
Prepaid

is all I ask for the

**Galloway  
Bike  
Harrow  
Cart**

Orders  
From  
Farmers  
Only  
Accepted



That's less than your dealer pays for the cart he handles. I was about to say "the cart he sells" but I'm not sure he sells any. He won't sell you one if you read this advertisement through to the end.

And I'll tell you why.

In the first place he can't sell you as good a cart, for I do not sell my cart to dealers. Dealers can't get them. I know all about this dealer business and how every farmer has to pay from 30% to 70% more for his goods, as I was a dealer myself once. But before I was a dealer I was a farmer and so I stick to the farmers. Many's the day I've walked behind a harrow with tired legs and my mouth full of dust.

I guess that's the reason I'm so enthusiastic about my harrow cart.

Another reason is that I can save you money. I am going to save you from \$2.00 to \$4.00 on the best harrow cart made. That means that 30% to 70%. I can't help feeling that you will appreciate my doing this.

Wait a minute now. Don't take my word for anything but send for my book, "The Proof of the Pudding." In that book farmers who have used my harrow cart answer these questions.

—Is it good value?  
—Does it save time and labor?  
—Can you do more and better work?  
—Is the draft light?  
—Is it strong?  
—Does it work properly on hillsides?  
—Does it follow the harrow all right in turning?

All these questions are answered, not by me, but by men I never saw, and who never saw me,—men who have used my Bike Harrow cart, and know just how good it is.

Now about my price. \$5.95—that's it, five ninety-five, freight paid. I have to laugh.

When I hear this talk about the implement trust and the dealers,—and those fellows selling harrow carts for \$8.00 and \$10.00 I just chuckle to myself.

Talk about forcing me to do this or that—they can't force me to do anything. I am dealing direct with the farmers and they are the fellows who have the money.

But to get back to the harrow cart. Send me \$5.95 and I'll send you the cart, freight prepaid. Try it—at my expense. If you don't want to keep it send it back at my expense and I'll refund you \$6.00—that's what you paid me and fee for postage.

Write today, send an order. If you're not quite sure send for my booklet. A postal will bring it. Don't go through another summer's work without one of my New Galloway Bike Harrow Carts.

*Wm. Galloway*  
President of William Galloway Company,  
105 Commercial St., Waterloo, Iowa.

stalled whereby each field would from year to year receive the same treatment as every other field. Where the farm is unequally divided it is almost impossible to carry out any kind of a scientific system of crop rotation.

### Mr. A. J. Lovejoy on Breeding and Feeding Swine.

Mr. A. J. Lovejoy, of Roscoe, Ill., the well-known breeder of Berkshire hogs, read a most interesting paper on breeding and feeding of swine and building up trade from a breeder's standpoint. To be successful in the swine industry a man should be of unimpeachable character, said Mr. Lovejoy, and be sufficiently broadminded to see beyond the present horizon. He must not get discouraged, but ever keep his eye on the bright star of hope. Clouds will appear in the business, but to succeed a man must stick to it to the very end. Pluck is the word that describes it. Start in a small way and let your knowledge increase by experience. It does not follow that because one litter of pigs will bring so much that twenty will bring twenty times that amount. Three or four sows may be enough to start with, but try to get good ones, and the male, especially, should be as good as you can afford to buy. Feed the breeding herd sensibly and make your balanced ration out of foods largely grown on the farm. For brood sows during the gestation period, equal parts, by measure, of corn and oats, ground fine, and an equal measure of good middlings will give good results. Alfalfa is also extra good where one has access to it. A mixture composed of equal parts of ground alfalfa, ground corn and ground oats makes an excellent ration. For finishing hogs, a ration composed of 80 per cent corn and 20 per cent tankage gives excellent results. Never feed brood sows heavily on corn, as it makes them feverish and in no way fits them for parturition. A dry bed is essential in the winter and spring, and do not forget to do a little spraying occasionally with disinfectants, such as the coal tar products and crude petroleum.

Work up your trade by exhibiting at county fairs, by advertising in agricultural papers, and when you are ready for it, exhibiting at state fairs. Keep your advertisement constantly before the public, as there is little profit in advertising spasmodically. Use all your mail order buyers just as well as if they could see your herd. Keep copies

### Every Farmer and Stockman

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TANNED  
FOR  
ROBES**

Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered, our prices are the lowest. We guarantee satisfaction. FREE booklet on hides, also shipping tags and prices. Write today.

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Des Moines,

Iowa

**HIDES  
TANNED**

**SEND YOUR  
HIDES TO US**  
They are valuable! Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cowie Glove Co., Des Moines, Iowa

of all letters and please your customer at any cost. Never over-describe a hog. Remember that a satisfied customer is a living advertisement for you. When you are selling sows supposed to be in pig, keep them until they show signs of pregnancy, and this will save you lots of trouble. The public sale is a good place to dispose of one's surplus stock, though the seller should take special pains to catalog nothing but what is first class. Every individual in the offering should be in good condition, but not specially loaded with fat.

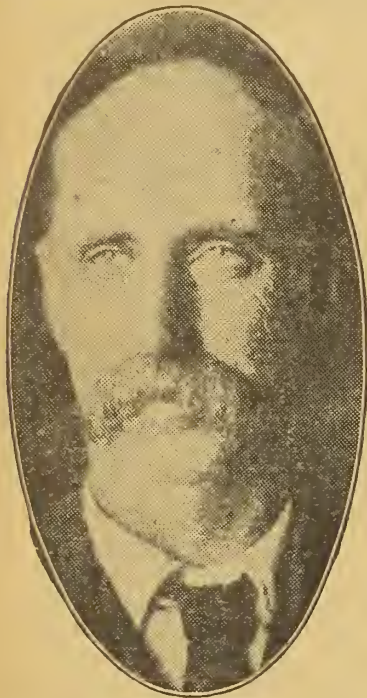
### Paper by Mr. L. H. Roberts.

The well-known Duroc Jersey breeder, Mr. L. H. Roberts, of Paton, Iowa, took for his topic the opportunity for increasing returns from swine on the average farm. Mr. Roberts stated in the first place that swine on the average farm are far from being as good as they should be. Any increase in returns from swine on the farm must have its foundation in better blood. Select the breed that you like best and choose your males every year from good pure-bred herds. Do not cross breed. The man who has grade herds cannot afford to use an inferior male any more than can the pure-bred swine breeder, and the poorer your sows are, the great-



er is your need for using a good boar. Hold onto the same breed year after year and build up. When a sow has proven herself a good breeder, stand by her. Mr. Roberts gave an instance of one sow in their herd, Ohio Annie, that was kept as a breeder long after she ceased to be able to raise her own litters.

Sanitary conditions and surroundings are highly important. Give the hogs natural conditions as far as possible by fencing the farm hog-tight and letting the hogs have access to large pas-



L. H. ROBERTS.

tures. Disease is much less common on farms that are fenced hog-tight than on those where the penning up system is employed. Cultivate your feed lots and crop them. Grow rye, oats, corn, rape, or anything else, rather than allow your feed lots to be bare.

When the pig is growing, feed so as to cultivate the development of muscle and bone. It is a mistake to fatten young pigs. The fattening or finishing period should be short, ninety days being about the length of time that the average hog can stand heavy feeding with corn. The packer, the breeder and the farmer, according to Mr. Roberts, have a community of interests that should be fostered, and that should not be endangered by any petty jealousies or false ideas. The type demanded by the packer and that produced by the breeder is practically identical at the present time, though there is a good deal of talk about differences. Most of the fellows who do the talking, however, are only acquainted with one side of the case.

#### Mr. Harry G. Krum on the Bacon Hog.

Mr. Harry G. Krum, secretary of the American Yorkshire Club, discussed "The Bacon Industry in the Northwest." He stated, in the first place, that there was no conflict between the fat and the bacon type of hog. However, as there was a growing demand among the American people for lighter meat, and especially for bacon, there is an important place in the great Northwest for rearing this type of hog. The ideal bacon weight is from 175 to 225 pounds—a weight that should be attained by good bacon hogs by the time they are from six to eight months old.

The character of the feed used has much to do with the quality of the bacon, and nothing is better than the small grain and pasture for making high-class products along this line. Too much corn makes a soft bacon. Mr. Krum showed by statistics that there is but little

# More Thrift—More Profit.

**WE guarantee that Standard Stock Food will put and keep every animal on your place in a vigorous, healthy, thrifty condition at less cost to you than will any other means you could possibly employ.**

**We sell Standard Stock Food to you on that square-deal guaranty.**

The modern domestic animal kept on high feed needs a little help from day to day—not medicine or dope or physic, but something to give variety to the ration and to make it taste better.

The animal needs something of this kind, a condiment, a flavoring, a seasoning, just as you need salt and pepper, mustard and horse radish and various kinds of flavors and seasonings to help you digest your food.

Standard Stock Food makes the ration taste better so that the animal eats it with a greater relish.

The very smell of it makes the animal's "mouth water"—that is, it stimulates the flow of saliva and other fluids which perform the work of digestion so that the animal digests its feed more quickly, more easily and more thoroughly.

Hence it makes the feed you feed go farther because less of it passes through the animal undigested.

\* \* \*

Its tonic properties quicken the circulation, aid assimilation and put the entire system in that prime condition which makes for finer finish and bigger profits.

We say Standard Stock Food does this better than any other stock food because it is made of purer, better ingredients, more scientifically compounded.



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**"IT MAKES STOCK THRIVE"**

As to its quality, you don't even have to try it to be convinced. If your dealer will open packages of various stock foods and let you compare them, you will find that the Standard looks better, smells better, tastes better and is better than any of them. It is stronger, richer and more concentrated.

That's why you need feed so little

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**1516 HOWARD ST.**

of it and that's why it costs you less per animal per month than any other stock food made.

Do not be misled by a low price per pound. Examine the directions for feeding on various packages and you can see for yourself that a dollar's worth of Standard Stock Food will last longer and go farther than any other. It is the most economical stock food made.

## Our Square-Deal, Money-Back Guaranty.

You buy Standard Stock Food on a money-back guarantee. If it does not do exactly what we say it will do, you get your money back. You know the editor of this paper would not print this advertisement if he did not know that we will do exactly what we agree to do.

## Go to Your Dealer

and ask him to supply you; if he cannot, do not take a substitute but send to us direct. We will ship immediately and protect you with our square-deal, money-back guaranty.

## Free to You.

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

**STANDARD STOCK FOOD CO.,**  
**OMAHA, NEBRASKA.**

difference in the cost of making a 100-pound increase in the various breeds of hogs. If there is any advantage, the bulk of available statistics shows this advantage to be in favor of the bacon type rather than the lard type. This is probably due, said Mr. Krum, to the fact that the bacon hog has strong constitutional powers and consequently a good digestive and assimilative system.

American bacon used for export trade has always been surpassed in quality by that furnished by Canada, Denmark and Ireland. By giving more attention to the right type of hog and to the plan of feeding, Mr. Krum expressed the belief that American bacon could get to the very top.

#### Demonstrations by Mr. J. J. Ferguson.

One of the interesting events of the two days' session was a demonstration given by Mr. J. J. Ferguson, of Swift

& Co., first on live hogs and afterwards on their carcasses when slaughtered. Mr. Ferguson pointed out, in the first place, that the packer had no preference either in breed or type of hog, because a market had been developed for all classes that were offered for sale. There are something like seventeen different classes into which hogs can be divided on the market; consequently everything can be used so that farmers are able to obtain profitable prices for all healthy hogs sent to market.

Mr. Ferguson called attention to one matter that should be of special interest to men who are raising hogs in the corn belt. He stated that while vegetable oils were to a considerable extent encroaching on the lard market, yet it has been found out that these vegetable fats are not so desirable for many purposes as is the hog fat. The market on lard at the present time is strong; hence

the demand for fat-backs and well-finished heavy-weights.

Another point touched on by Mr. Ferguson was that relating to the type of bacon hog. He demonstrated that an under-done hog of the fat breeds by no means makes a good bacon type. This is a matter of breed combined with certain methods of feeding.

#### Dr. G. A. Johnson on Tuberculosis.

Dr. G. A. Johnson, chief of the bureau of animal industry at the Sioux City Stock Yards, gave a demonstration on the morning of the last day on hog cholera and hog tuberculosis. It was pointed out by Mr. Johnson that at the present time from 2 to 3 per cent of the hogs marketed are found on post mortem examination to be affected with tuberculosis. In most instances these hogs are apparently healthy and are purchased without being subject to the post mortem test. The loss, therefore, comes at the present time on the buyer, though the day may come when the seller will have to bear this burden. It is highly important that farmers in the future should pay more attention to the matter of pasteurizing all milk products used, because this is the principal source of contamination.

#### Entertainment and Banquet.

The sessions were ended with a splendid banquet given by the Sioux City Stock Yards, and it goes without saying that no feature of the meetings was more popular than this event. That things ran so smoothly during the entire two days' meeting was in a measure largely due to the efforts of the secretary of the Sioux City Stock Yards, Mr. McGivney. Every equipment needed was supplied, and supplied on time, and in addition, nothing was left undone to add to the comfort of visitors and to increase the educational value of the sessions. Sioux City is unquestionably a most excellent center for meetings of this character, and with a little more zeal employed by way of bringing a meeting like this before the public, Sioux City will in the future be one of the most important, if not the most important, point in the corn belt map for stockmen's meetings.

#### A Successful Combination.

The Combination Oil Cure for Cancer and Tumor is a recognized success. Beware of imitators. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.



We present to our readers this week a very good likeness of the noted breeding and show boar, Proud Advance. This boar was first in class and sweepstakes boar bred by exhibitor, at the Iowa State Fair, 1903. He was the sire of more high-priced sows than any other Duroc boar. On Saturday, February 2d, he died and the Proud Advance Stock Company, composed of Messrs. Sheldon Bros., of Shannon City, Iowa, and White & Dewey, of Afton, Iowa, have suffered a great loss. There are few breeders of Duroc & Jerseys who are not acquainted with the records made by the get of this boar, and appreciate the kind of stock he produced. In the forthcoming sales of the members of this firm there will be a liberal offering of the get of this great sire and it is important that every breeder who is in the market for good stock should be present on these days. Further particulars regarding this noted sire will be found on page 39 of this issue.



A low wagon at a low price. Handy for the farmer. Will carry a load anywhere a horse can travel.

## Low Down Wagons

soon earn their cost on any farm.

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for farm wagons. Straight or staggered spokes. Any size wanted, any width of tire. Hubs to fit any axle. For catalogue and prices, write to Empire Mfg. Co., Box 103 H Quincy, Ill.





# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kaukauna City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

STOUT'S Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

BAITED Plymouth Rocks for sale. 300 cockerels, hens and pullets at a bargain. Large-headed, vigorous, farm raised, scored birds that win. I have developed heavy egg producing strains. Mrs. A. A. Berry, Box 126, Clarinda, Iowa.

RILWA'S Pure Barred Rocks, Hawkins-Thompson strain. Get eggs of us if you want good value. There's a reason. Ask why and get prices. Any number. Orders now or later. Mrs. J. Willis Tuttle, Box 54, Grand River, Iowa.

BARRED Plymouth Rocks, Thompson strain. Choice cockerels, \$1.00 to \$3.00. Pullets, \$1.00 to \$2.00. Money back if not satisfactory. Write me. Eggs, 75c., \$1.00, \$1.50. R. H. Heitzman, Riverside, Iowa.

TO CLOSE OUT—Barred Plymouth Rocks, Hawkins, Thompson, Felch and Todd strains. Cockerels \$1 each, 6 for \$5, year old hens \$9 dozen. Lou Blatner & Co., Prairie City, Iowa.

MASON C. OGG, Fairmount, Iowa, breeder of extra large, well-shaped, nicely marked Barred Rocks. 100 choice cockerels for sale. Eggs in season.

FOR sale, White Plymouth Rocks, a large number of cockerels and pullets, good size, pure white, prices reasonable. Mrs. B. Treloar, Ogden, Iowa.

75 BARRED Plymouth Rock cockerels for sale, nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

WHITE PLYMOUTH ROCKS. Cockerels, \$1.50 to \$2.00 each. Stout, healthy birds. Eggs in season. Address, Curtis C. Bent, Bedford, Iowa.

BARRED ROCK pullets scoring 90 to 93½, fifty unscored, quality good, prices low. Eggs, best pens, \$2.50. Eddie Anderson, Alta, Iowa.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

## LANGSHANS.

BLACK Langshans, pure bred. Pullets 75 cents, cockerels \$1. Must dispose of my stock at once. Prices and quality guaranteed. G. F. Neel, Gilmore City, Iowa.

BLACK LANGSHAN chks. \$1.50 single, \$1.00 each lot of 3. Pen was headed by 94½ pt. chl., splendid fellows. Mrs. Sarah F. McKen, Sac City, Iowa.

100 BLACK Langshan cockerels from pens scoring 93 to 95; four firsts, grand sweepstakes, Creston Fair. Philip Sederup, Lorimer, Iowa.

## RHODE ISLAND REDS.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show. \$2 for 15. C. A. Kenworthy, Oskaloosa, Iowa.

## MINORCAS.

BREEDER of Single Comb Black Minorcas exclusively. Cockerels for sale. J. C. Tubaugh, Blakesburg, Iowa.

## TURKEYS.

MAMMOTH Bronze turkeys, large size and true to color, sired by tom scoring 96½, for sale at prices reasonable. Mrs. J. E. Davis, Oskaloosa, Iowa.

PURE bred White Holland turkeys, large, fine, pure white birds. Toms \$4, hens \$3. Mrs. H. R. Owens, Homestead, Iowa.

77 MAMMOTH White Holland turkeys. Writes, Mary Culver, Route 1, King City, Mo.

## HORSES.

CLYDESDALE STALLIONS, Prince Goodwin 8931, an international winner and one of his get, both extra good. Must sell immediately. Also two stud colts. Write owner, Thos. Rider, Fairfield, Ia.

TROTTER STALLION for sale or trade. Bay, 1,250 lbs., coming five, sixteen hands, stylish, gentle, registered, sound. Will take black driver, 1,150 lbs., young, sound. Box 631, Carroll, Iowa.

J. H. BARNETT estate will sell seven young Percheron stallions at a sacrifice for the next two months. J. H. Dyke, Administrator, Indianapolis, Ia.

## CATTLE.

MAPLE BROOK Hereford Bulls, twelve to twenty-four months old, sired by March On 5, Beau Donald 37. Extra good quality. Poland China hogs. Prices reasonable. J. W. Hildreth, Slater, Iowa.

SALE OF EXCHANGE—My herd of 9 females and two bulls, well bred Short-horn cattle. Will accept as part payment fifty head of Angora doe goats. J. F. Engle, Wota, Iowa.

RED POLLED CATTLE. Special prices for 30 days on good cows and heifers, bred. Write for booklet and particulars. O. F. Russ, Ravenwood, Missouri.

HERRMONT BULLS FOR SALE—My herd bull, Imported Prince Charley, also 3 bull calves of serviceable age at bargain prices. Bert Stevens, Carroll, Iowa.

## SHEEP.

FOR SALE—Ninety head of sheep, mostly ewes, bred to registered Shropshire rams, to lamb in May. \$5.00 each. Leroy Barkley, Meridian, Nebraska.

## WYANDOTTES.

SILVER, Golden and Buff Wyandottes. 100 cockerels at \$2.00 each, scored birds, eggs. Iowa State Fair, Iowa State Poultry Show winners. Catalog. V. G. Warner, Bloomfield, Iowa.

GOLDEN, Silver and White Wyandotte cockerels, nice birds. Leading strains. W. W. Coun, Parkersburg, Iowa.

30 WHITE WYANDOTTES cockerels. They are beauties. Write me about them. S. W. Harr, Riverside, Iowa.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

GOLDEN WYANDOTTES for sale, pure bred. J. L. Bower, Leora, Kansas.

## LEGHORNS.

S. C. W. LEGHORN cockerels. Write for score cards. Winnings at Ames Show, first pullet, first hen, first cock, fourth cockerel, third pen. Clinton Morning, Rural Route 3, Madrid, Iowa.

100 SCORED S. C. W. and B. Leghorns 93 to 95½ both sexes, 33 firsts, 26 seconds, sweepstakes pen over all. Pekin ducks, Scotch Collie pups. Write wants. Sven Skeie, Story City, Iowa.

SINGLE Comb White Leghorn cockerels, White Holland turkeys, from the high scoring stock of the White Plume Poultry Yards, Route 1, Webster City, Iowa.

## MISCELLANEOUS POULTRY.

BLUE Ribbon Poultry Club won this winter 40 1st. premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Sebright and Black Tall Japanese bantams, Bronze turkeys, Rouen ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter (secretary) Clarinda, Iowa.

RHODE Island Reds, Light Brahmas, White and Barred Rocks, White Wyandottes and Leghorns, hardy, prolific, farm bred, pure stock. For eggs to hatch at 10c each or birds, moderate prices, write, Walter Sherman, Edgewood, Newport, R. I.

EGGS for hatching from 35 leading varieties of high-class poultry. Send 4c for our book describing our plant, fowls, incubators, brooders and Holstein cattle. Larkin & Herzberg, Maple Grove Poultry Farm, Box O, Mankato, Minn.

SCORED and unscored, Barred and Buff Plymouth Rocks, Rose Comb Brown Leghorns, Mammoth White Holland and Bronze turkeys, large Pekin ducks and Scotch collies. Alden Poultry Yards, Alden, Iowa.

WANTED, to buy a large number of Cornish Indian Games, Minorcas, R. C. R. I. Reds and Houdans. Write describing what you have giving lowest price. Deau Swift Poultry Co., Des Moines, Iowa.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Audsron Bros., Indianola, Iowa.

PURE BRED Mammoth Bronze turkeys, Barred Rock and Light Brahma cockerels and hens for sale. Prices low. J. L. Goddard, Route 2, Waucoma, Ia.

## DOGS.

FOOT SALE—Some choice Collie pups from working parents. Males, \$7; females, \$5. Leroy A. Hayes, R. F. D. 7, Knoxville, Iowa.

PEDIGREE Scotch Collies for sale at reasonable prices. John Fagan, Cumming, Iowa.

## HOGS.

A FEW very fine August and September Berkshire boars for sale. Good individuals and correctly bred. No fancy prices asked. Will be registered and transferred. C. E. Peirce, Germania, Wis.

FOOT SALE—Growthy, smooth, Poland China gilts bred to a large, lengthy, big boned son of Perfection E. I. 71835. Satisfaction guaranteed. H. G. Boyer, Lovilia, Iowa.

30 POLAND China and 20 Duroc Jersey bred gilts for sale, weight 200 to 275 lbs., every one guaranteed. Joseph Bouska, Route 2, Calmar, Iowa.

FOR sale, improved Chester White bred sows and litters, of best strains, at right prices. A. J. Johnson, Brighton, Iowa.

## HORTICULTURE.

KEEP boys and girls at home. Interest them in growing vegetables, fruits and flowers. Healthful, educational, profitable. Send \$2.00 for membership certificate and monthly bulletin of seasonable instructions. Cash prizes for best products. Bureau of correspondence free to members. National Amateur Horticultural Association, Geo. C. Newman, Director, Des Moines, Iowa.

## WANTED.

WANTED—Two milkers, no farm work, \$40.00, room and board. Two farmers, no milking, \$35.00. One experienced vagon man, must understand Sharpless separator, no milking, married or single, \$40.00. One woman cook, 10 to 15 men, city conveniences in house, \$30.00. H. C. Burgess, Box 846, Helena, Montana.

WE WANT your logs, picket bolts and saw timber. Can quote you best prices. Geo. D. Longshore, Eighth and Elm, Des Moines, Iowa.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

G. C. KENNEDY, Patent attorney, Waterloo, Iowa. Writes for booklet.

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MY opinion on any legal point for one dollar. Be sure you are right then go ahead. Chas. Rankin, Lawyer, Truesdale, Iowa.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

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FRAGRANT Red Cedar Chests and Box Couches direct from factory to home. Shipped on approval, freight prepaid. Beautiful present; mothproof. Write for booklet and factory prices. Piedmont Furniture Co., Dept. 55, Statesville, N. C.

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AGENTS WANTED—Men and women. We manufacture ten famous household articles that will make you \$25 to \$40 every week you hustle, freight paid, easy plan, steady work and big money. Write us now. The American Bread & Pastry Board Co., Cambridge, Ohio.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

AGENTS wanted in Iowa, Illinois, Indiana, Ohio, Wisconsin, Minnesota, Missouri, Kansas, Nebraska, Oklahoma and Texas to sell the "REX" leakless valve. Good pay. Partou and Zolman, Thayer, Ia.

AGENTS' BONANZA, Big Bargain Household Package. Quick sales and re-sales. Special four weeks' offer. Jewett Mfg. Co., Box 1, Milton Jct. Wis.

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FOR SALE—160-acre farm, 9 miles southeast Lawrence, Kan., 1½ miles from railroad; school and creamery near by; house, basement barn, cribs, granary, well and windmill; improvements good. Forty acres blue grass pasture, 50 acres tame grass, 5 acres timber, balance under cultivation. Rural route and telephone. Near State and Baker Universities. Address, B. Thomas, Eudora, Kan.

1,149 ACRES of rich, black land in Holt Co., Mo., all level, no overflow; fair improvements; price, \$60 per acre; encumbrance \$14,000 to run 10 years at 5½%. Lies on the main line between Kansas City and Omaha and between two good market towns. Owner will take part exchange, part cash for his equity to make quick deal. Address, Box O, Greeley, Neb.

420 ACRES 4 miles from Clinton, Mo., 2 miles north of Deepwater. All level or gently rolling black prairie. All cultivated except 2 acres timber and 60 in grass. Fenced with hedge and wire, school on land, two houses, but both wanting repair. A fine farm and cheap, \$16,800.00. H. C. Schmidt, Clinton, Missouri.

FOR SALE, fine improved farm of 322 acres in Brown county, S. D., all ready to move on, 200 acres fall plowed, new buildings, concrete cellar, artesian well, 1 mile from station and 3 elevators, \$43 an acre. A. Kozlowski, 74 Leopere St., Buffalo, N. Y.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce Bldg., Minneapolis, Minn.

FOR SALE—240 acre stock farm, forty mares, stallion and jack. No feed necessary, range perfect, can raise a male for one dollar. You will not see this ad. again. J. I. Williams, New Madrid, Mo.

FOR SALE—In Seymour County, Kan., 74 acres Neosho River bottom land, 90 miles from Kansas City. Near two railroads, fenced in two lots, \$40 an acre. Milo J. Owens, owner, Barton, Vt.

SMALL RANCH For Sale. Also several 160-acre tracts with some government land adjoining. Write for description of what you want. E. Buchanan, Sterling, Colo.

IF YOU WISH to sell or buy real estate send description and price. If you mean business, your wants can be supplied. Write today. A. W. Baird, Marne, Iowa.

FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargain. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

LANDS in southeastern Kansas and Iowa exchanged. We want some stocks of merchandise to exchange for land. Fairfield Exchange Co., Fairfield, Iowa.

FOR RENT—Two half sections in Red River Valley near Warren, Minnesota, also 120 acres near Westgate, Fayette county, Iowa. S. C. Lee, Des Moines, Ia.

520 ACRES all valley and bottom land, fenced hog tight, house ten rooms, gas, hot water, sewerage. A snap at \$30,000. Kraus & Wymer, Blackwell, Okla.

BELLEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

FOR SALE—All or part of 487 acre plantation, adjoins rapidly growing town of 8,000, fifty inlets from Chattanooga, beautiful scenery, fine roads, fertile rolling soil, grows corn, blue grass, cotton, clover in abundance, running streams through pastures, seventeen room house with spring water, telephone, electric light, three cottages occupied by reliable help, large barn and outbuildings, good mar, kets, schools and churches, no hard winters, turning ground now; was formerly experiment station, fine timber. Owner, K. L. Bruun, Cleveland, Tenn.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

IDEAL POULTRY LAND. Forty acres, half timber, balance cleared; excellent market facilities. Price right, terms easy; use one hundred and twenty acres smooth, good grain, grass and alfalfa land. Small house and barn; well fenced; fronts public road; telephone and mail; station handy. A bargain. See or write Fred L. Seltzer, Harris, Mo.

COME to the land of the big red apple, best fruit, farming and stock country in America, lots game and fish, no negroes, best water in the world, excursions first and third Tuesdays in each month, excursions free to buyers, first payment, \$200 to \$600 down and \$190 a year. Davis Bros. Realty Co., Itchland, Pulaski county, Missouri.

320 ACRE FARM in Sherman County, Kansas 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

FOR sale, Vernon county, Mo., 920 acre stock farm, highly improved, abundantly watered, seven miles to good market. Here is an opportunity for a lively stock man, price \$53,500, half cash, balance on time at 5%. J. Fred Woltz, 3946 A Botanical-av., St. Louis, Mo.

320 ACRES fine improved land, 220 acres under cultivation, 4 miles from good market and railroad towns. All new buildings, good water, orchard and grove, ½ mile to school. Price \$52.00 per acre. For particulars address owner, Dennis Lipp, Route 2, Allen, Neb.

160 ACRES, 2 miles from Severy, Greenwood county. Nice smooth land, 125 acres cultivation, 30 acres tame grass, well fenced, house 7 rooms, good barn and other out buildings, good orchard, 2 wells, wind pump, \$40.00 per acre. Write L. E. Glasco, Severy, Kansas.

TEXAS LAND in Panhandle for sale at a bargain. 640 acres, four miles from McClain, Donley county, all good, smooth, rich, farm land, 100 acres broke, good water, one-third cash, balance five to ten years' time. Thos. J. Pugh, Omaha, Neb.

FOR SALE—3½ choice, highly improved 160 acre farm, no waste or overflow, ideal location one mile good town. Five miles city 17,000. 80 acres in wheat. Eastern Kansas. Need money. \$60 per acre. F. P. D. Hanna, Lawrence, Kansas.

FOR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

FOR SALE—640 Acres A 1 wheat land. Saskatchewan, Canada. All mable. Three miles from town. For price, terms, write John McKenzie, Box 162, Alisa Craig, Ont., Canada.

IOWA AND OKLAHOMA FARMS—Buy from the owner. Eight choice stock and wheat farms from 120 to 480 acres. August Post, Moulton, Iowa.

## MISCELLANEOUS.

HEAVES—English Heave Remedy, new and only scientific cure of heaves and coughs. Send ten cents for trial package. Regular size one dollar. Chambers Mfg. Co., P. O. Box 315, Rochester, N. Y.

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START a factory on the farm. No machinery to buy, honorable, clean, profitable. We tell you how free. Bellas Supply Company, Dept. "R" 3215 Mt. Vernon St., Philadelphia, Pa.

FREE TO LADIES—Hudsons stick pin, valuable beauty secret, send no money, name and address. W. T. Hendren & Co., Dept. S, Minneapolis, Minnesota.

GOLD PLATED Fountain Pen, diamond point, always ready, splendid value, complete, seventy-five cents. National Co-operative Company, Washington, D. C.

SHIP your hides and fur to H. Gutman & Co., where you will get the highest market price for same. 108, Second street, Des Moines, Iowa.

CANADIAN Souvenir Post Cards. A fine lot for your collection. Views of Montreal. Send 10 cents. A. H. Breyfogle, Box 81, Montreal, Canada.

A SCHOLARSHIP in a Kansas City Business College for sale cheap. Address at once, Thomas, Box 67, Des Moines, Iowa.

FOR SALE—Six-horse Jiffy portable engine, all most new, \$150. D. A. Steiner, Beru, Kan.

## Stoner & Remley's Duroc Sale.

The breeders who were present at the Stoner & Remley sale on Friday, February 8th, were rewarded for their trouble in securing some of the best-bred stock, combined with excellent individuality that has gone under the hammer this year, at bargain prices. Messrs. May & Porter, of Remington, Ind., topped the offering, paying \$155 for an April gilt, bred to Advance Col. one of the best sons of Proud Advance found anywhere. They also secured a daughter of this noted boar, bred to Stoner's Improver, \$126. Col. Judd McGowan opened the sale and was assisted in the selling by Col-

onels Reppert & Kell. A list of sales follows:

Lot	Price
1 May & Porter, Remington, Ind.	\$155.00
2 S. J. Mooney, Lake Fork, Ill.	47.50
3 A. L. Sands, Geneseo, Ill.	40.00
4 M. E. Ford, McNabb, Ill.	34.00
5 May & Porter	126.00
6 S. U. Lawrence, Spring Hill, Ill.	40.00
7 Albert Stern, Mosaville, Ill.	36.00
8 F. S. Taylor, Wellman, Iowa	35.00
10 A. Forrest, McNabb, Ill.	36.00
12 Stansell & Matern, McNabb, Ill.	28.50
13 Chas. Willey, McNabb, Ill.	26.00
14 J. E. Morris, Tonica, Ill.	40.00
15 J. A. Morris, Tonica, Ill.	32.00
16 J. B. Kays, McNabb, Ill.	31.00

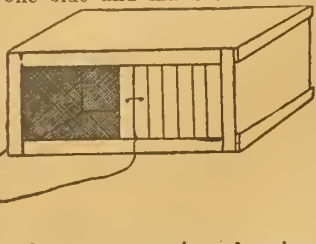
17 M. E. Ford	41.00
18 Frank Koehler, McNabb, Ill.	38.00
19 J. B. Kays	36.00
20 S. A. Jones, Washburn, Ill.	28.00
21 Frank King, Magnolia, Ill.	32.00
22 H. B. Brandow, Tonica, Ill.	27.50
24 Geo. Loomis, Geneseo, Ill.	51.00
25 B. F. Francis, Henry, Ill.	41.00
26 J. E. Morris, McNabb, Ill.	40.00
28 S. H. Merritt	27.00
29 J. B. Coe, McNabb, Ill.	27.00
30 A. L. Sand	46.00
31 Carey Stephens & Son, Carlock, Ill.	41.00
32 M. E. Ford	26.00
33 May & Porter	60.00

34 C. A. Griffin, Henry, Ill.	37.00
35 Wm. Francis, Henry, Ill.	40.00
36 B. F. Conwell, Galveston, Ind.	45.00
37 J. B. Kays	38.00
39 E. McGlasson, Princeton, Ill.	31.00
40 Carey Stephens & Son	68.00
41 E. C. Farley, Toulon, Ill.	41.00
42 Fred Cleveland, Henry, Ill.	32.00
43 Frank Taylor, Magnolia, Ill.	33.00
44 W. L. Stoner, Henry, Ill.	30.00
45 John Morse, Henry, Ill.	30.00
46 Same	26.00
47 John Morris, Henry, Ill.	28.00
48 Same	37.00
49 Chas. Willey	33.00
Substitute, F. S. Taylor	31.00



## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

One of our readers, who signs himself Uncle Ed., writes as follows regarding a poultry colony house: "For years I have used a drygoods box as a colony house for the chickens raised simply to sell for early fry or broilers. Clothiers or dry goods merchants can sell you a box, say three feet high, three feet wide and four feet long, for a dollar. From this take one side and make a door as



shown in the accompanying drawing. The rest of the space should be left open and covered with a close-mesh rabbit netting, the meshes being so small that not even a mouse could crawl through. This is ample to house twenty to twenty-five till they are large enough to fry.

"With this kind of shelter, it is needless to even go to the expense of having the yards fenced. I give each colony an allowance of ground, usually two rods wide and three rods long. From the shelter to the opposite end of this allowance I stretch a small-sized smooth wire and on this I have an empty thread spool so it will slip freely on the wire. To this spool I tie the hen giving her about five or six feet of string. She can pass up and down the wire with perfect freedom and her chickens will stay with her. While they will mix with other chickens near with them during the day, they will return to their respective shelters to roost.

"On the bottom of the box I have a pair of hinges, shown at AA, so that the top of the box can be raised and the bottom left. In this way the droppings can easily be cleaned from the box.

"As the chicks grow older, roosts can be placed in the box and the opening in the side admits enough air so there is no danger of suffocation."

While there are a great many cattle that lose their horns by dehorning fluids and preparations of this kind in calf-hood, there are a great many that come to maturity with an ugly pair of horns that create a great deal of trouble in the feed yard. We have received quite a number of inquiries of late requesting a plan for a good dehorning chute. Accordingly we have here reproduced a most convenient and satisfactory chute.

One of the good points about this

You never saw a  
saw which saws  
like this saw saws

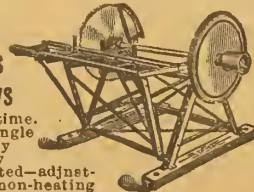
and last so long a time.  
Frame of heavy angle  
steel set on a  
braced—absolutely  
no shake. Patented—adjust-  
able, dust-proof, non-heating  
oil boxes, etc. We make these

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saws and gasoline engines which is unequalled  
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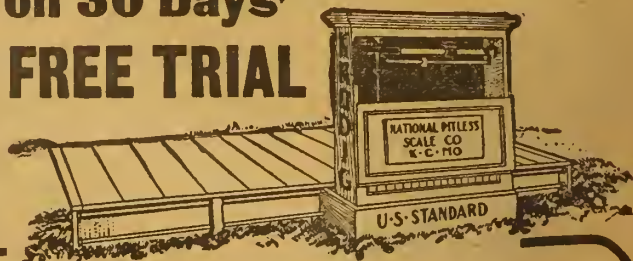
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**My Scale—the Knodig Pitless—is used by the  
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What you need is a **KNODIG PITLESS**, which costs you a little more at the start than the "cheap" scales sold by the mail-order houses, but is the best investment in the long run because it lasts a lifetime.

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You positively can't afford to buy a scale until you have seen my big illustrated catalog showing the brand new models A and B "**KNODIG**" PITLESS with Protected Bearings. Ready for instant use when you want them.

No ice or snow to cut away from the bearings in winter—no dirt or dust to clean out in milder weather. Nothing to interfere at any time with the absolutely accurate and sensitive weighing feature of the "**KNODIG**" PROTECTED BEARINGS.

Fully covered by patents. Sold only direct from factory at lowest factory prices. Costs about half the price of a Pit Scale and has no expensive pit with rotting timbers, rusting parts and big repair bills.

Can be moved anywhere on your land, wherever the work happens to be. It is personal property. Should

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you sell your farm, the "**KNODIG**," unlike the Pit Scale, does not go with the land. Absolutely accurate, because tested according to U. S. Standard of weights. The U. S. Government has selected the "**KNODIG**" for use in the Kansas City Post Office.

My plan saves you all the middlemen's profits. Deal direct with me. No Agents, Salesmen, Jobbers or Dealers stand between you and my factory.

Why should you pay from \$30 to \$50 more for the empty privilege of buying through an agent or dealer? Does it make the scale you buy any better? Does it add one single penny to its value? Then why not save the middleman's profits and keep them in your own pocket?

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You have nothing to pay until you're satisfied. No deposit, no notes to sign, nothing to do but give the "**KNODIG**" a fair, honest trial at MY risk. If it doesn't please you, send it back, and I will pay freight BOTH ways. And I will also pay the expense of setting the "**KNODIG**" upon your premises.

Write to me personally for the new **Knodig Pitless Scale Catalog**. It contains over 40 fine half-tone pictures that will interest you, and is chock full of practical scale wisdom from cover to cover. The book is free. You will want to see it. Write for it today, to

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and mail this  
Coupon to-day.

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General Manager,

**National Pitless Scale Co.,**

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Kansas City, Mo.

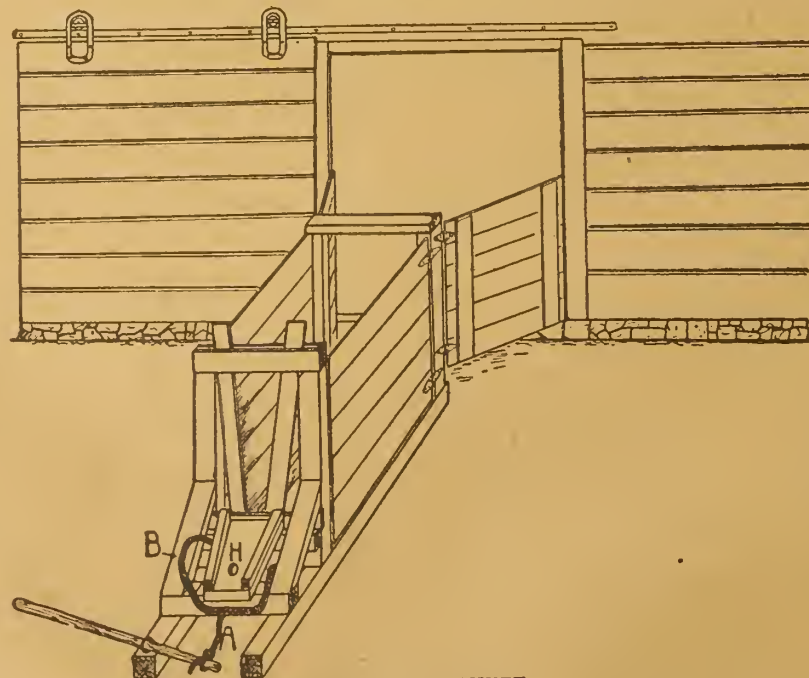
Please send me your big, free  
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Address.....

chute is the hinged doors on the rear end which make it possible to adjust the chute to any sized barn door. Where the width of the rear end of the chute is stationary and cannot be adjusted to the door as shown in the illustration, there is often a foot or two of space to be divided between the two sides. As our readers who have had experience in dehorning know, an animal will always choose to pass through this small opening rather than into the chute and thereby cause a constant aggravation. The

animal's head into position on the trough. As soon as this is accomplished the rope B is thrown over the neck of the animal and secures the head firmly to the trough, when the dehorning operation may be performed. As soon as the operation is concluded the animal is un-stanchioned and one of the sides of the chute is hinged so that it may be opened for the animal to escape from the chute, after which it is closed and another animal is driven in. The dimensions for this chute may be made to suit the size



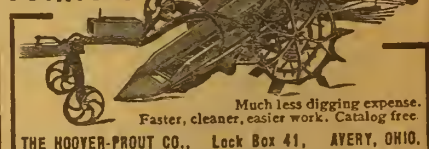
A DEHORNING CHUTE.

chute proper is mounted on two heavy timbers which may be 4x4's or 4x6's, while the uprights are generally 4x4's. The stanchion is made to open and close and secured in any way that suits. The convenient part of the chute is the trough-shaped part marked H. This is made of two-inch stuff and securely fastened to bottom cross pieces. After the animal is secured in the stanchion a halter is thrown over its head and the halter rope is passed through the hole just below the letter H. The letter A shows a continuation of this rope to the pole which is used as a lever to bring the

of animals to be dehorned. However, it is a good plan to make it large enough to accommodate large animals, as the chute comes very handy in performing any kind of an operation on an animal when it is necessary to secure him. The hinges and latch on the side door and on the swinging gates at the rear should be made extra strong and not less than three in number, as sometimes an animal will throw itself and place more or less strain on the sides of the chute. The width of the chute at the stanchion is commonly three feet, while at the rear end it is eight inches wider.

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Save your money. Give us an opportunity to quote you freight rates on shipment of your household goods to the Coast or N.W. Address L. L. Box 299, Des Moines, Ia.

OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

ILLEGITIMATE CHILD.

An Oklahoma Subscriber.—A young woman gave birth to an illegitimate child. A short time before that happened, A, the father of the child, left the country. The child was adopted by a woman. (1) In case A returns to Oklahoma can he lawfully obtain custody of the child? (2) Can the young woman compel A to marry her, if he comes back?

Answer.—(1) He cannot. (2) She cannot.

DISTRIBUTING AN ESTATE.

A Subscriber, Bosworth, Mo.—How can a man make a deed or will so that at his death his property will be transferred to his wife, without the delay and expense of probate proceedings?

Answer.—It is a difficult thing to do. If a man wants to keep and hold his property while he lives and then have it at his death vest in his wife, he can hardly accomplish the purpose without having an administration of his estate. He might deed all his property to his wife, but then, she might die first and he would have to have probate proceedings to get his share.

ALL ABOUT JURORS.

A Subscriber, Lorimor, Iowa.—How are jurors, both grand and petit, chosen in Iowa?

Answer.—The answer to this question would fill a book, and we have not the time at present to write a book; anyhow, not a large book. We therefore refer our correspondent to the following portions of the code of Iowa, where he can find much valuable detailed information on the subject. The code can be found in the office of any justice of the peace, or lawyer, and nearly any of them would cheerfully permit an inspection of the book. See chapter 11, pages 201-207, also pages 1,415-1,418, also pages 2,043-2,047.

HUSBAND AND WIFE—WILL.

A Subscriber, Cowley County, Kansas.—(1) A and B are husband and wife living in Kansas, and each one has property there. They have no children. Suppose either one should die, without a will. What share of the deceased one's property would the survivor be entitled to by the laws of Kansas? (2) A and B are husband and wife and live in Oklahoma, but each owns real estate in Kansas. They have no children. Each one made a will, drawn up by a notary public and signed by two witnesses, by which their legal heirs were given one dollar each. Are the wills good under the laws of Kansas?

Answer.—(1) The survivor is entitled to the whole estate. (2) If the wills are properly prepared and signed by the testators and witnesses, they are valid and binding in Kansas, although the heirs got only \$1 each.

TRESPASS—DAMAGES.

A Subscriber, Battle Creek, Mich.—There is a lake covering about three acres in one corner of my farm, and with neither inlet nor outlet. The lake is stocked with fish. It is about twenty rods from the highway and is surveyed in my farm. The town people and others annoy me a great deal by taking fish from the lake without my consent. A notice forbidding them to do so has no effect whatever. How can I prevent them from so doing?

Answer.—We are very doubtful whether the trespasses committed upon your premises by the people of the town and others, constitute a criminal offense, but there is no doubt that you may bring suit against any or all of them for damages and put them to some expense and trouble, which might have the effect of stopping the practice. The damages you would recover in such cases would probably be light.

LAND DEAL IN WYOMING.

A Subscriber, Brush, Colo.—More than a year ago my brother and I went to Wyoming and bought eighty acres of irrigated land from a company there. The land was unimproved. The deal was made through an agent of the company. He said we would have to pay one-tenth of the price down, \$220, which we did. He said he had no contracts at the office, but would write them out when he returned to his office in Lincoln, and send them to us. When the contracts came they were so unsatisfactory and different from what we agreed to, that we refused to sign them. The company urged us to go before a notary and sign the contracts, but we refused, and the company asks us to pay taxes on the land and we refused. We still have the contracts, but would rather lose what we have paid than sign them. Is there any way to get our money back?

Answers.—We do not know, and could not tell without more knowledge of the understanding really was, and how

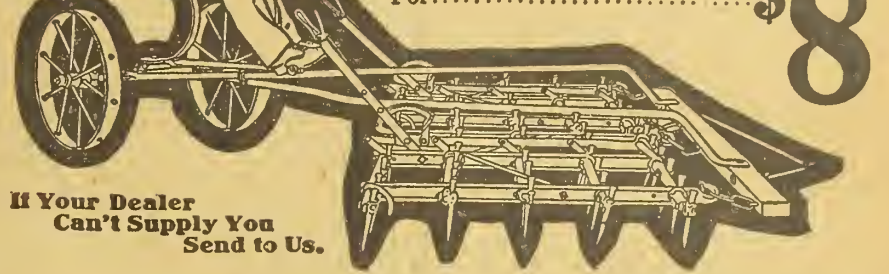
Why Don't You Ride  
When You Harrow?

No Use Walking When You Can Buy a

Rock Island  
Harrow Cart

Delivered at your R. R. Station  
For.....

\$8



If Your Dealer  
Can't Supply You  
Send to Us.

REAL HARROW COMFORT

Plowing is about the easiest work on the farm, but how many successful Farmers to-day use *Walking* plows? You don't—do you? No; horses are too cheap and life too short to wear your legs out following a plow all day.

You ride when you plow; you ride when you plant; you ride when you cultivate.

Well, then, why don't you ride when you harrow?

Is there any reason on earth why you should continue to make this work the hardest kind of drudgery by *walking* over plowed ground,—

Or riding one of those crude carts that twist and turn and jerk you about until you wish you *had* walked?

No, Sir,—there is no longer any excuse for saying that "harrowing is the hardest work on the farm."

The new Rock Island Two-Wheel Cart has changed all that.

It offers you a pleasure you never enjoyed before—a ride behind a drag harrow that is just as comfortable as a ride on your Sulky or Gang Plow or your Cultivator.

LOOK at the man in the picture above. He's riding a Rock Island Cart, and he doesn't look a bit more comfortable and easy than he feels.

The feature that adds most to his comfort is the fact that he always faces the horses, no matter which way the wheels may be angled. Think what *that* means!

The swinging back and forth of the axle doesn't affect the driver a bit.

This is why: The platform for the seat is made of two circular plates, lower plate being bolted solidly to the axle.

Seat and foot-rest are both fastened to the upper plate which can turn on the lower plate.

An automatic locking device, similar to that used on the rear wheel of a Sulky Plow, holds the parts in position while the cart is being drawn straight ahead,—

But permits the wheels to angle either way while making a turn, or when either of them strikes an obstruction, without disturbing the driver in the least.

This feature is exclusive with the Rock Island Cart. No other harrow cart has it.

AN IMPORTANT IMPROVEMENT

One serious trouble with two-wheel carts is that in striking an obstruction which throws one wheel behind the other, the wheels do not quickly return to their correct position, but frequently slide along for quite a distance. This is why nothing of this kind can possibly happen with the Rock Island Cart:

The draw-bars are crossed and pivoted at the axle. While the axle can swing freely when one wheel of the cart strikes an obstruction, or when making a short turn, the axle and wheels are always perfectly controlled by the draw-bars in the same manner as the front wheels of a wagon are controlled by the tongue.

SAVES YOU HIRED HELP

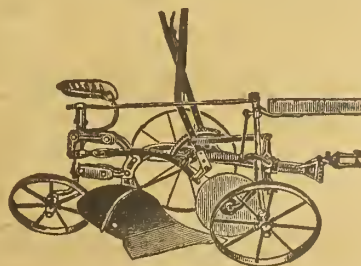
A boy at \$8.00 or \$10.00 a month with a Rock Island Two Wheel Cart will do as much harrowing as a man at \$25.00 or \$30.00 will do without the cart. You, therefore, actually save the price of this useful implement two or three times over in a single month.

And when you consider that the Rock Island Cart will last ten or fifteen years, you see that the price, \$8.00, means an investment of 50 to 75 cents a year. Can you point to any other labor saving implement on your farm that pays you as big a dividend as this? Think it over, Neighbor!

WE'LL DO THIS FOR YOU

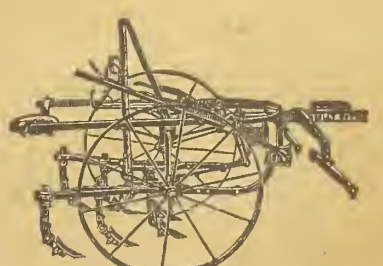
We are manufacturers of all kinds of Farm Implements, selling only through **Regular Implement Dealers**. But we want you to have a chance to buy this Harrow Cart, and if your dealer won't get one for you, just send us \$8.00 and we will ship you a cart. We will pay the freight on it to your nearest R. R. Station ourselves. Send the price, \$8.00 at once, or if you want to know more about the Rock Island Two-Wheel Harrow Cart, before you decide to buy, we will be glad to send to you a

DESCRIPTIVE BOOKLET FREE



HIGH-LOW SULKY

The only frameless plow in the world that lifts high with one lever. Circular sent free.



BULLY BOY CULTIVATOR

Frame all in one piece. Rigid or Pivot pole. Full description for the asking.

We are spending thousands of dollars telling the Farmers about the Rock Island Two-Wheel Cart, and we want every one of them to know just how good it is. Ask us questions. Let us hear from you. Write today, if your dealer can't show you the cart.

Full information about the cart is absolutely **FREE**. If, in addition to information about the cart, you would like to have a pretty watch charm, enclose 6 cents in stamps to pay postage and *always* mention this paper.

ROCK ISLAND PLOW COMPANY, ROCK ISLAND, ILL.

MAKERS OF A GENERAL LINE OF FARM IMPLEMENTS.

Including Plows, Disk Harrows, Planters, Cultivators, Hay-Loaders, Etc.

it differed from the written contracts. Take them to some lawyer in Greeley or Fort Morgan, and explain the whole situation to him in connection with the written contracts, and be guided by his counsel.

PILES CURED IN 6 TO 14 DAYS.

PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.

LATE MINING NEWS.  
10c. FOR 6 MONTHS.

TRIAL SUBSCRIPTION An illustrated weekly up-to-date mining paper with all the latest news of the great mineral camps. Keep in touch with the Great West. Sample copy free. COLORADO GRAPHIC, 250 Toltce Bldg., Denver, Colo.

When writing to advertisers please mention this paper.



OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

FEEDING THE BEEF-BRED COW FOR MILK.

Good cows, no matter whether they are dairy-bred or beef-bred, must be given milk-producing foods if they are expected to yield anything like their maximum milk flow. However, in the case of the dairy cow there is not the same inclination or same tendency to convert assimilated food into body fat as there is in the case of the beef cow. For that reason men who handle the so-called dual-purpose cattle or the ordinary cattle of the country, which in the main are grade Short-horns, should emphasize the use of flesh-forming instead of fat-forming foods.

Corn is a fat-former and cows cannot do their best at the pail, though fed to their full capacity, on this grain. We have found from experience that there are two undesirable results that come from feeding cows heavily on corn, namely, that it cuts down the milk yield, and secondly, it shortens the lactation period. This being true, one cannot take his cows through the winter on corn alone and expect them to milk as well when turned to grass as would be the case if they were fed on flesh-forming foods.

Now we realize that the flesh-formers are more costly than the fattening foods, but bear in mind that dairy products are higher in price than meat products. For example, if you can make two pounds a day gain on a fattening steer it will be worth about six cents a pound, or twelve cents. Change the character of the food and give the same value to a good cow and she will make from it a pound of butter worth twenty-five cents. Let her have the same food that you would give the steer, that is a ration composed largely of corn, and her products would be worth in the neighborhood of twelve cents. The balance, of course, would be put on her back if she were inclined to beefiness; but where is one to get his profit out of the feed utilized in that way if he is in the dairy business?

# Why the Omega Cream Separator Will Give You the Best Results!

THE man who never heard of a horse, would think an ox-cart beat walking, a whole lot. Because he wouldn't know there was a better way.

Your great-grand-mother was perfectly content to spin flax by hand, because there wasn't any better way known at that time. But that's no reason why you should shut your eyes to the better way, is it?

Now, we say to you that the Omega Cream Separator is as far ahead of other separators as sunlight is ahead of darkness.

A pretty bold claim, we will admit. But you can't really know whether our claim is the honest truth or mere advertising clap-trap, unless you investigate.

We don't ask you to buy; we don't ask you to invest one cent. All we ask is the opportunity of proving to you the truth of our claims.

We are spending thousands and thousands of dollars in the farm papers of this country, inviting the farmers and dairymen of America to investigate our claims. And that's all we ask.

We would be pretty foolish to do it, if we couldn't "make good," wouldn't we?

Well, here's what we want to prove to you: We don't claim that the Omega, under ordinary conditions, will skim closer than all other separators.

We want to be fair and we admit that there are two or three machines that do as good work in this respect as the Omega.

But no separator ever built by man skims any closer. And no separator ever made produces so fine a quality of cream.

You can get more money for cream from an Omega Separator—you can make better butter with cream from an Omega Separator—

Because the Omega Separator is the only separator that doesn't break up the globules of butter fat and whip them into a putty-like mass.

We can prove that to you. Isn't it worth investigating?

Moreover, By actual test no separator made turns nearly so easily as the Omega.

You can prove that by simply turning the machine.

But here's the explanation: The Omega is the only separator that has a bearing at both the top and bottom of the bowl.

Other separators leave the top of the bowl—the place where the "wobble" is—without support.

Other separators are like your wheelbarrow would be if you tried to use it with the axle supported at only one end.

Look at them! Isn't it true?

The Omega is able to have a bearing at the top of the bowl because it delivers both its cream and skim milk from the bottom.

It's the only separator that does this. Others would imitate our method, but we hold the patent.

Moreover, again: The Omega is the simplest cream separator made.

Now, we know that every manufacturer who ever made a machine of any kind, no matter how complicated, it was, immediately got up and howled about its simplicity.

Sometimes, however, he was counting more on the simplicity of his hearers, than on the simplicity of his machine.

All we ask is that you investigate the Omega and compare it with any other under the sun.

You will find that others require as high as fourteen different tools, wrenches, punches, rods, etc., for their daily care, while you need nothing but

All We Ask Is the Chance To PROVE To You What the Omega Will Do.

THE OMEGA SEPARATOR CO., 35 Concord St., Lansing, Mich.



your ordinary, every-day bowl wrench for the Omega. And this simplicity, of course, saves in repairs and makes the Omega long-lived. That's why the first separators we ever made and sold, 25 years ago, are still in use, and giving good service.

But good gracious! It's costing us a lot of money to talk to you here. Let's cut out the talk and get together. Summed up, all we want to say is the one word

**INVESTIGATE.** You are just as anxious to get the best separator as we are to sell the Omega. We make stronger claims than any other manufacturer dare make and we stand ready to prove them. Make us prove them! It won't cost you a cent to investigate and it means dollars to you. Send us your name, tell how many cows you keep and get our free book, "More Milk Money," with Omega Catalogue and proofs—Address—

A simple and comparatively inexpensive ration is composed of equal parts corn-and-cob meal, wheat bran and ground oats. A cow that will not give a good milk flow on this ration and sustain it through a long period has no business to remain either in a dairy or dual-purpose herd.

Our most expert dairymen acquire the faculty of dropping their unprofitable cows very rapidly, and we suggest that those who handle dual-purpose cattle

send the loafers to the block. We want a cow that will do more than simply drop a calf. She ought to be able to feed it well and make it a bouncer by the time it is six months old, and then supply milk for the family for two or three months after that time.

## Developing the Cow.

As with men, the parentage is of great value and we look for and have good reason to expect cows to be better cows from a long line of productive ancestry; so this then is the stepping stone in the developing of a dairy cow.

A profitable cow in my estimation is one that can produce in a year, or still better a series of years, a good, maximum yield of butter at a cost that will yield a good profit to her owner and also produce a strong, healthy calf each year. This should be one of the requisites in securing a sire for the head of the herd; not only see that he is from a productive strain, but from a family of regular breeders, because he not only reproduces his good qualities, but often intensifies his weak points as well. See that he is as near perfect in conformation and dairy make-up as possible, for with all the care we may exercise in the mating of our animals, some faulty ones will develop that we had not figured on; so if we have looked well to this end, to see that the sire is right and that the dams we are to use for foundation are right, we have gone a long way toward their development.

Calves should be fed in such a way as not to impair either growth or digestion, for later on we are going to ask them to take care of a lot of feed so they may develop and be profitable animals, but if fed and cared for in a careless and harmful manner, their digestive faculties have been impaired, and they simply say, "We can't do it."

I am still a believer that heifers should not freshen too young. If allowed to drop their first calf at from twenty-eight to thirty months of age, they will get a little more growth and strength, and we believe their digestive capabilities are also strengthened.

There are many things that enter into the development of the dairy cow, and possibly, if any one was dropped out the best results could not be obtained. and the man who uses that part of his body above his ears the most freely usually succeeds best.

We have come to believe that a large part is due to the feed end of the question. The organs of digestion, like the other organs and muscles of the body, are developed best by constant use; the breeder who, through neglect, has not provided in some way for the emergencies that always come is short-sighted.



## A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

You prevent all this waste by using an

## Iowa Dairy Separator

What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co., Waterloo, Iowa.

# SHARPLES BUSINESS DAIRYING FREE

Contains all the money-making points of dairying. Among the subjects treated you will find How to Feed, What to Feed, When to Feed, What Foods Produce Most Milk, How to Take Care of Milk-Producing Foods, How to Feed Silage, the Care of the Milch Cow, and many other profitable and practical suggestions that help swell the profits of the dairyman. With the book we will send additional information telling you how and why you can get the most out of you milk by using the

## Sharples Tubular Cream Separator

We guarantee that with a Tubular you can get 50 per cent more cream over the old pan method of skimming, and 6 per cent over any other cream separator made. Sharples Separators get all the cream and the Tubular is the easiest running, easiest cared for, and easiest kept clean. There is just one tiny piece in the bowl, the milk can is low and handy, the bearings are self oiling. Write for the "Business Dairying" at once stating number of cows you keep. Ask for booklet D.121



Mr. S. L. Boyer, Venetia, Pa., says "The Tubular makes me \$255.00 yearly."

The Sharples Separator Co., WEST CHESTER, PA.

Toronto, Can.

Chicago, Ill.



best suited for milk production.—F. H. Scribner in Wisconsin Institute Annual.

### Compounding Rations.

To the Editor of The Homestead:

The components which are generally enumerated in feeds are water, ash materials, fat (ether extract), protein, crude fiber, and nitrogen free extract.

Ash or mineral matter is that part of feed remaining in the form of ashes after burning. It is of minor importance in the feed of the dairy cow, but very essential in the food of young and growing stock. Fat or ether extract is the portion of feeding stuff which is dissolved by ether or benzene. Protein or flesh-forming substances are considered of highest importance in feeding animals, especially milk cows because they supply the material required for building up the tissues of the body and maintaining them under the wear caused by the vital functions. Crude fiber is the framework of the plants and is valuable in a ration only when it lacks bulk. Nitrogen free extract is what is left after deducting all the constituents named above. It contains some very valuable materials. First in importance are starch, sugar and a number of less well-known substances.

We might say, in a general way, that protein furnishes materials for building up muscle, bone, hide, hair, horns, and a part of the milk, while nitrogen free extract (better known as carbohydrates) and fat furnish heat by being burned in the body and energy used in muscular action, as well as the production of fat in the body or in milk in case of milk cows giving milk.

Our chemists have analyzed the various feeds and tabulated them, and our experimenters have learned by using the various feeds in certain proportions and amounts just what is necessary to produce milk most economically. We are now ready to figure out a ration.

We will reproduce part of an American feeding table, which I have before me:

POUNDS OF FEEDS	Corn silage 1:14.8			Corn and cob meal 1:13.9			Linseed meal O. P. 1:1.5			Red Clover hay 1:5.2		
	Total dry matter	Protein	Carbohydrates and fat	Total dry matter	Protein	Carbohydrates and fat	Total dry matter	Protein	Carbohydrates and fat	Total dry matter	Protein	Carbohydrates and fat
1				0.9	0.05	0.7	0.9	0.31	0.5			
2				1.7	0.10	1.3	1.8	0.62	1.0			
3				2.6	0.14	2.0	2.7	0.92	1.4			
4				3.4	0.19	2.7	3.6	1.23	1.8			
5	1.3	0.06	0.8	4.3	0.24	3.4	4.9	1.54	2.3	4.2	0.36	2.1
10	2.6	0.12	1.8	8.5	0.48	6.7				8.5	0.71	4.2
15	3.9	0.18	2.7							12.7	1.07	6.3
20	5.3	0.24	3.6							16.9	1.42	8.3
25	6.6	0.30	4.5							21.2	1.78	10.5
30	7.9	0.36	5.3									

Room would not permit us showing the digestible nutrient content of the several feeds given. Now an ideal ration for this climate is about one part protein to five and three-fourths parts to six of the several other elements of a similar nature, which, for the use of the average dairyman, we will group under the names carbohydrates and fat. To get the balance we multiply fat

content of a given number of pounds of feed by 2.4 and add the product to the carbohydrates. Then divide this sum by the protein content. For the sake of simplicity we have prepared the above table with the process of multiplication and addition done, so all we have to do is to divide the sums of the carbohydrates by the protein content to find the balance.

For example, suppose we take the ration composed of thirty pounds silage, ten pounds clover hay, four pounds bran, five pounds corn-and-cob meal and three pounds old process oil meal. By referring to the table you will notice that in thirty pounds of silage you have 0.36 pounds protein and 5.3 carbohydrates and fat; ten pounds of clover hay, 0.71 and 4.2; four pounds bran (wheat bran), 0.48 and 1.8 (not given in table); corn-and-cob meal, 0.24 and 3.4; linseed meal (old process), 0.92 and 1.4. Add and divide and you have a nutritive ration of 1:5.9.

While we have not been able to show the digestible content of this ration by reference to the standard feeding table, I find the total ration given contains 17.66 pounds of digestible matter, which is about right for a large cow, perhaps a little heavy for a small one.

There are a great many feeds that one can use in figuring out and making up rations, and the dairymen should take prices into consideration and use the cheapest feeds that contain the ingredients he is after. I think with a little practice most anyone could take a feeding table and figure out a ration for his cows that will be suited to his needs and conditions. While I have made silage the base of the ration given, and while there is nothing better, yet it is not absolutely necessary. Use corn stover and a little more corn-and-cob meal or corn fodder to give the variety which will answer very well.

O. O. Brewbaker.

### Renshaw's Sow Sale.

The Duroc Jersey sow sale of Mr. Austin Renshaw at Blair, Neb., on February 4th

brought out a good crowd of breeders and farmers and an average of \$58.47 was made on the entire offering. No. 20, a daughter of Long Aik, topped the sale at \$210 and was purchased by Mr. Geo. I. Clark, St. Edwards, Neb. No. 21, a daughter of Glendale Critic, sold for \$180 and went to Messrs. M. S. Moats and Son and E. Z. Russell. The sale was a decided success. Colonel Gallahan and Luther cried the sale. Below is a list of buyers:

Lot. Price.  
1 C. W. Huff, Mondamin, Iowa. \$75.00

2	John Lyden, Beiden, Neb.	52.50
3	C. A. Warrick, Blair, Neb.	67.00
4	H. J. Smith, Blair, Neb.	42.50
5	C. W. Huff	70.00
6	C. R. Wilkins, Blair, Neb.	50.00
7	F. W. Hotelling, Bennington, Neb.	45.00
8	C. R. Wilkins	60.00
9	F. D. Jenkins, Blair, Neb.	65.00
10	John Diehl, Nicholson, Neb.	52.50
11	C. W. Huff	46.00
12	H. J. Smith	31.00
13	O. A. Guyer, Blair, Neb.	41.00
14	Arthur Alton, Modale, Iowa.	33.00
15	Hood & Baker, Dunlap, Iowa.	40.00
16	L. B. Crew, Creighton, Neb.	36.00
17	Hosea Wilson, Blair, Neb.	41.00
18	Manley & Co., Lyon, Neb.	45.00
19	A. A. Wilkins, Blair, Neb.	47.50
20	Geo. I. Clark, St. Edwards, Neb.	250.00
21	E. Z. Russell, Blair, Neb.	180.00
22	M. S. Moats & Son, Randolph, Neb.	70.00
23	Holmes Bros., Osmond, Neb.	55.00
24	Hood & Baker	90.00
25	Geo. I. Clark	56.00
26	N. J. Nelson, Newman Grove, Neb.	46.00
27	Clinton Welt, Bennington, Neb.	31.00
28	Von Seggern Bros., Wisner, Neb.	56.00
29	Same	130.00
30	C. R. Wilkins	32.00
31	A. F. Kean, Mt. Pleasant, Iowa.	67.50
32	Von Seggern Bros.	52.50
33	Otto Nohrenberg, Blair, Neb.	40.00

## WHO IS RIGHT ABOUT THE BEST CREAM SEPARATOR?

Every cream separator manufacturer, old and new alike, claims that his separator is better than any other. WHO IS RIGHT? Who can honestly make such a claim? We will leave the answer to you but wish to submit a few facts for your consideration. The DE LAVAL machine was the original separator and it has been manufactured for twenty-eight years, twice as long as any other machine. The world's best inventors and mechanics have been constantly working and trying to better it and thousands of dollars have been spent annually in this effort. The DE LAVAL has for many years been thoroughly tested, tried and used in every civilized country in the world and under every conceivable condition. Over 800,000 have been sold to date, several times all other makes combined. From these tests and experiences the DE LAVAL experts have learned what a cream separator must be to be called BEST. The DE LAVAL machine of today represents this knowledge. Every feature of its construction is the result of years of study and practical experience and the expenditure of vast sums of money. Nothing has been left undone that would help to make and keep the DE LAVAL the BEST of all separators. No separator built today contains any feature whatever, not used in the DE LAVAL, which has not at some time or other been tried out by the DE LAVAL experts and cast aside for something better in the present DE LAVAL construction. Consider these facts well, consult every experienced separator user you can, learn all that is possible about cream separators and then tell us WHO you think is RIGHT. Meanwhile send for a DE LAVAL catalog of separator facts and reasons, to be had for the asking.

**THE DE LAVAL SEPARATOR CO.**  
RANDOLPH & CANAL STS. CHICAGO  
1213-15 FILBERT STREET PHILADELPHIA  
DRUM & SACRAMENTO STS. SAN FRANCISCO  
General Offices: 173-77 WILLIAM STREET MONTREAL  
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Drop us a Postal today for a Price

If you know our low price on a

**DAVIS CREAM SEPARATOR**

you would want to buy one. Why not write for it before you buy a machine of any kind from anybody?  
Real Factory Prices Save You 20% to 50%  
And the Davis price is not the only thing you should know about the Davis before you buy a separator. While the Davis price is low, the quality is high and with a high quality and a low price we can't help but feel we will get your order. It's a perfect skimmer, easily cleaned, runs light and the best for you. Ask for money saving catalog No. 118 today, right now. We pay the freight.

**DAVIS CREAM SEPARATOR CO.**  
541 North Clinton St., Chicago, U. S. A.

**\$25 ON 5 TON** IS WHAT YOU CAN SAVE  
We make all kinds of scales.  
Also B. B. Pumps and Windmills.  
**BECKMAN BROS., DES MOINES, IOWA.**

34	Mr. Barton, Blair, Neb.	33.00
35	C. C. Van Dusen, Kennard, Neb.	28.00
36	John Bolin, Blair, Neb.	35.00
38	C. W. Huff	40.00
39	N. W. Bardwell, Tekamah, Neb.	38.00
40	Von Seggern Bros.	41.00
41	Chris Schmidt, Blair, Neb.	30.00

### CROPS WITHOUT WEEDS.

There's no necessity for having poor seed and noxious weeds mixed with what we sow, any longer. Down in the heart of the grain district a concern in Winfield, Iowa, has studied out a contrivance which they call a "Combined Corn Sorter, Grain Grader and Grass Seed Cleaner," and it is certainly a daisy. It cleans, grades and separates any seed or mixture of any four similar seeds rapidly and thoroughly. It takes out all the weeds and thistles and separates the grain into different grades, according to size, more perfectly than you could do it by hand, and does it so fast that on a farm of average size it more than pays for itself every year. Recent improvements have been made which add to the efficiency and life of the machine, the crowning feature of which is the new corn sorter. Entire zinc riddles above and below, taking the grain over sixty inches from hopper to bucket, removing the butts at the rear of the machine, and the tips underneath, and simply doing a perfect job, no good kernels being found in the butts, and no desirable kernels being found in the tips. It is a marvel of simplicity and thoroughness in work and speed with which the sorting can be done. The work of the new corn sorter makes it no different; the result is the same, whether the farmer shells off the butts or tips or leaves them on. The corn sorter riddles take the corn as it comes from the corn sheller, removes the butts and tips, leaving two grades of perfect uniform size seed corn. The farmer can set his planter plates to drop size No. 1; complete that, and change his plates to fit size No. 2 and be sure of the exact number of grains he wishes in a hill, at every stroke of the planter lever. The only requirement is that the corn to be sorted be seed corn. One of these machines does the same work that formerly required three separate machines, but it costs no more than one, and every machine is guaranteed. It's something every farmer ought to have for his own use, and now is a good time to get it for cleaning the spring seed. Address the Hall Grain Grader Company, Winfield, Iowa, and they will send you full particulars.

## EASY TO OPERATE EASY TO CLEAN

THERE are two things it pays to watch out for when you buy a cream separator.

**I. H. C. CREAM HARVESTERS** are of simple construction; are very easily operated and easy to clean.

Notice the natural and easy position of the operator in the illustration. The handle is placed at just the right height to turn easily. No high reaching or stooping over. The machine is also geared just right to make it run easily.

Another important feature is the low supply can,—one that is filled easily and yet the milk and cream spouts are high enough to make possible the use of large receiving vessels. The skimmed milk will flow directly into a ten-gallon milk can.

In many separators, either the supply can is high or the milk and cream spouts are low.

And because of their simple construction, **I. H. C. CREAM HARVESTERS** are easily cleaned. All you need is a pan of hot water and the two brushes which go with the machine.

These are but two of the good points of the **I. H. C. CREAM HARVESTERS**, and before you buy a cream separator, you will do well to learn all about them.

They skim close under all conditions, whether the milk is warm, cold, rich, viscid or old—they get all the cream down

to a thousandth part.

They are made so strong and simple that in years of operation, they show no perceptible wear. We have given them a practical test that equals several years' work in the dairy. Every machine is tested before it leaves the factory.

The working parts are self-oiling, and neatly housed to prevent accident; yet all are readily accessible, which makes them easy to keep clean.

**I. H. C. CREAM HARVESTERS** are made in two styles, and various sizes; **Dairymaid**, a chain drive separator, and **Bluebell**, a gear drive separator.

Call on local agent and inspect these separators or write for catalog.



**INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO, U. S. A.**

(INCORPORATED)





**The Rake that Lasts**

DID it ever occur to you that a rake ought to last for years and years? It is a simple tool. There's no clock-work about it. Just steel and wood—And if it is the right kind of steel—And the right kind of wood—And the steel and wood are put together right—There ought to be no wear out to it.

That describes all True Temper tools—of which a complete line of garden and lawn rakes is an important part. They are "the best tools you have ever bought at the same prices you have always paid!"

Because they are manufactured in strict accordance with a well defined standard process by the oldest and largest manufacturers of farm and garden Hand-Tools in the world.

### Ask Your Dealer For TRUE TEMPER Tools

And they must prove true in quality, construction, "hang," and temper under severe tests and inspections before they are permitted to wear the True Temper label. \* \* \*

True Temper tools are accurately constructed, special-purpose hand-tools for farming and gardening.

They help you to do your work with the least amount of time and labor and produce the best results.

In the production of crops their use means less expense and more profit. The line includes Forks, Hoes, Rakes, Hooks, Weeders, Cultivators, Beet Tools, Floral Tools, Garden Tools, Vegetable Scoop Forks, Potato Hooks, etc. Ask your dealer to show them to you. If he does not have just what you want, please write to us.

We have a book for you—"Tools and Their Uses," which tells all about special-purpose tools, and how they will save you time, labor and money. It is free. Write for it to-day.

Amerlean Fork and Hoe Co.  
535 Am. Trust Bldg., Cleveland, O.

**The Maule Seed Book FOR 1907**

contains 63 Specialties in Vegetables, 69 in Flowers, besides everything else good, old or new, worth growing.

You need it. It is free to all sending me their address on a postal.

**Wm. Henry Maule** 1757 Filbert Street Philadelphia, Pa.

**A BIG GARDEN**

The year of 1905 was one of prodigious plenty on our seed farms. Never before did vegetable and farm seeds return such enormous yields.

Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid

1 pkz. Garden City Beet	10c
1 " Earliest Ripe Cabbage	10c
1 " Earl's Emerald Cucumber	15c
1 " La Crosse Market Lettuce	15c
1 " 18 Day Radish	10c
1 " Blue Blood Tomato	15c
1 " Juley Turnip	10c
1000 kernels gloriously beautiful flower seeds	15c
<b>Total</b>	<b>\$1.00</b>

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 10c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant, nursery stock, vegetable and farm seed and tool catalog.

This catalog is mailed free to all intending purchasers. Write to-day.

**JOHN A. SALZER SEED CO.,**  
La Crosse, Wis.

**STARK NURSERIES** sell Direct pay freight, give FULL value  
Founded 1825. Large NEW Fruit Book free. STARK BROS., Louisiana, Mo.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### HORTICULTURAL NOTES.

If one lives on a farm where there is no fruit and one has but little time to spare for its production, we would recommend starting the first year with but three varieties, namely, apples, peaches and strawberries. Considering that several years will have passed before the first crop of apples is produced, an apple orchard should be started the first thing. For home use only, too many varieties of apples should not be planted. It is best to confine our choice to a few of the time-tested varieties and to have more winter than summer apples.

We have learned from experience that the seedling peach trees bear better than those that are budded. The budded trees produce large fruit of a fine quality and flavor, but the yield is not quite so heavy as that of the unbudded trees.

Strawberries are one of the best fruits grown and have an advantage over others, as fruit is borne in one year after planting. A hundred plants, if properly cared for, are sufficient for the average family. Self-fertilizing plants of a standard variety should be purchased. Do not go to your neighbor's garden and get plants deficient in vitality, but purchase of a dealer who uses scientific methods of production.

Orders for nursery stock should be sent in early in the season. When some nurserymen sell all of a certain variety they substitute others and one will very likely get something that is not wanted.

Apple trees should be pruned just before the sap rises in the spring. Many farmers have this done by some one experienced in pruning, but every farmer, by exercising a little judgment, can soon become an expert himself and save the cost of hiring. Where there are no large limbs a mallet and chisel are the best tools to use, especially if the orchard has not been pruned for several years. For water sprouts and small branches a pruning knife is all that is needed. The places where large limbs have been severed from the tree should be painted to prevent checking.

### GERMINATING CEDAR BERRIES.

A Nebraska subscriber asks for information relating to the treatment of cedar berries so that one can start a hedge from seed. He states that the cedar is growing in popularity and that a large number of farmers in his locality are interested in it for windbreak purposes.

Those who have had experience in germinating cedar berries, that is in starting a hedge from the seed, are requested to give, for the benefit of this subscriber and others who are interested in the same topic, the result of their experience.

The question of windbreaks, particularly around buildings and orchards, is a very important matter and one in which a good deal of interest is being taken at the present time. Let us hear from those who have had experience along this line.

### Plums for the Western States.

To the Editor of The Homestead:

The value of the plum for orchard culture does not seem to be very generally appreciated in the Trans-Mississippi region east of the Rocky Mountains. There are several apparent reasons for this indifference on the part of growers. One of these is probably the prevalence of thickets of native wild plums. Another is the seeming lack of adaptability of many of the cultivated varieties to local conditions. Few of the fruit growers of the central West have any conception of the importance of the plum in the horticultural world unless they have had an opportunity to see the prune orchards of the Pacific slope.

The European plum, or prune, has not been found adapted to successful culture in the states lying between the Mississippi and the Rocky Mountains, for the reason that the trees and fruit have been found more or less subject to attacks of fungous diseases which sap the vitality, destroy the productiveness and,

## BLIZZARD BELT

# FOUR HARDY EVERGREENS FREE

We grow our "Blizzard Belt" Evergreen in ten million lots. To advertise them and prove that they are healthy, well rooted and vigorous, we offer to send four fine sample trees 3 years old, free to a limited number of property owners. Mailing expense 5 cents, which send or not as you please. A postal will bring them. Last year we distributed 500,000 of these sample evergreens and gained thousands of new friends. This year we have

### Reserved 600,000 Trees

for this free advertising distribution and if you want your share of them write at once for they will go fast. W. H. Gibboney, Mandan, North Dakota writes: "Please accept thanks for the sample evergreens. They are doing fine." This is but a sample of thousands of letters.

Our catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Ornamentals, Evergreens, etc., with a mine of valuable information for fruit growers, is free for the asking. Write to-day.

**THE GARDNER NURSERY COMPANY, Box 702, Osage, Iowa.**

## There is Money in Stock-raising and Dairying

but it requires above all GOOD PASTURES AND MEADOWS. How these can be obtained you will find fully described in our large, illustrated catalog. Whoever sows our carefully selected Clover-Grass Mixtures will double the yield of his pastures and meadows and he can keep again as many cattle on the same acreage. The grass and hay will be of the most nourishing and milk-producing quality. No matter what the nature of your soil and location you will obtain luxuriant pasture or meadow same year you sow the mixture. We are located in the best clover and grass seed producing section of the U. S. Nowhere are seeds of such high quality produced as at Faribault, Minn. We have the most complete stock of choice, re-cleaned Clover, Timothy, Alfalfa, Bromus Intermis, and other valuable Grass Seeds. For only 10c. we will mail you ten samples of Grass and Clover Seed, Millet, Rape, etc. We are growers of new, improved and pedigreed varieties of Seed Grain, Seed Corn, Seed Potatoes and Vegetable Seeds. Also Fruit Trees, Ornamental Shrubs and Small Fruit Plants. Write for free catalog, English or German.

**FARMER SEED CO., Wm. Kueker, Mgr., Box 14, Faribault, Minn.**

# SEED CORN

The Iowa corn crop is worth more money than all the mines in the United States. Will it pay you to spend 50c per acre to increase your yield 25 bu.? It will.

We can furnish you seed corn that has breeding back of it. "Why?" "Because."

We have been breeding the best varieties for years.

We have a \$14,000 equipment for handling it. We have experts to grade it and select the best.

We have 1,200 acres of the best land in Page county devoted to its growth.

We have graduates of Agricultural Colleges in our employ who have conducted an Experiment Station.

We have made frequent shipments to the Department of Agriculture at Washington, D. C.; which proves our ability to produce the best type of seed; in fact, we have spared neither time nor money to make the seed the best that can be produced.

Send for our 1907 illustrated catalog which gives full information as to our method of handling seeds of all kinds. Send for it today. IT IS FREE.

**A. A. BERRY SEED CO., Box 52, CLARINDA, IA.**

# SEED CORN SOLD ON APPROVAL

Test it any way you please for ten days. If not perfectly satisfactory, return at our expense and money will be refunded. Best and largest yielding varieties: Sutton's Improved Boone Co. White; Sutton's Favorite White; Reid's Yellow Dent; Gold Standard; and Leaning and Premium Yellow Dent. All corn carefully selected, placed in our mammoth dry house and perfectly dried with steam pipes and air shafts. From 600 acres we selected 8000 bushels of fine seed ears. When sold we quit, so order now. We handle no outside corn. Shipped in the ear (Bushel boxes) or shelled. All shelled corn hulled at both ends and graded. Has highest germinating power, and stands cold spring rains better than common corn. Letters from Iowa, Missouri, Ohio and Illinois this year, state that our corn out-yielded all other, making from 85 to 125 bushels per acre. Send for catalog and read these letters signed by the parties raising the corn. The actual test is what talks. My seed corn may double your yield. Write for illustrated Seed Corn Book and samples. Free. Address: My ad will appear every other week. C. D. SUTTON, Dept. D., Mason City, Ill.

# We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16 **W. W. VAN SANT & SONS** Farragut, Iowa.

# GRAIN Freeman Bros. & Co., HAY

COMMISSION MERCHANTS.  
Established 1888. 66 Board of Trade, Chicago.  
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

ultimately, shorten the life of the tree. Yet there are at least two good reasons why more extended efforts should be made in the way of endeavor to secure the successful introduction of one or more varieties, either acclimatized of exotic origin or developed locally from seedlings; namely, first, because of their superior quality and, second, because of their lateness in blooming.

Many of the varieties of plums which have been introduced during recent years have been of the Japanese species or hybrids between that and some of the native American species. All of these have one fatal defect from the viewpoint of the practical fruit growers of the region between the Mississippi and the Rockies, and that is their proneness to bloom too early in the season. The European plums and prunes, on the other

It is a pleasure to spray if our Prepared Spray Mixtures are used. No dirt nor bother in mixing—always ready for use. As you have no waste they are the cheapest. Catalogue describing our full line of Prepared Spray Mixtures mailed free.

QUINCY SPRAY MIXTURE CO., Box No. 103-Q QUINCY, ILL.

er hand are equally as uniform in blooming late. Seemingly all of the hybridizers who have attempted to develop new varieties of plums in recent years, have used the Japanese plum as one of the parents of proposed cross with one of the native American varieties. None of



# UNCLE SAM Endorses

## Turkestan Alfalfa

We have the seed. Price  
pkt., 10c; 1 lb. 25c; (by  
mail 35c. 10 lbs., \$2.00; 25  
lbs., \$4.75; 100 lbs., \$18.00

The Wisconsin State Ag-  
ricultural Department re-  
commends the six rowed,  
heavy yielding, **ODER-  
BRUCKER BARLEY**. Write  
us for full particulars

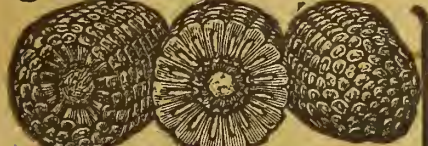
Just out, our large, 130 page, 1907

## FARM AND GARDEN SEED ANNUAL

which is profusely illustrated and  
contains many special seed  
offers and combinations.  
It's free. Ask for it. This book  
should be in every household, as  
it contains complete information  
on all kinds of farm and garden  
seeds, plants, flowers,  
shrubs, bulbs, etc., and is a  
valuable guide to all who grow  
anything, either for profit or  
pleasure. We make a specialty of  
Northern grown seeds.

**CURRIE BROS. CO.,**  
Dept. 17 MILWAUKEE, WIS.

## SEED CORN



**Golden West**  
The latest novelty, and decidedly  
the best yellow corn in existence.  
It combines all the most desirable  
characteristics. It is the best rooted,  
the strongest growing and most  
productive. Ear large, bright gold-  
en yellow, solid and perfect shape.  
Notice in above cut that it is about  
the same size at both ends; see how nicely it is capped over  
at both tip and butt, and how closely the kernels wedge in;  
grain is deep and cob small. Per bu. \$2.00, 10 bu. \$17.50.  
**FREE** TO FARMERS—A small sample of this  
corn will be mailed free if you mention  
this paper. Also a copy of our large,  
illustrated catalogue describing the above and all the  
best varieties Seed Corn and Farm and Garden Seeds.  
**IOWA SEED COMPANY, DES MOINES, IOWA.**

## GREGORY'S SEEDS

**FREE**

Our catalog is rich with  
information for the  
guidance of farmers  
and gardeners. It has  
been a great help to  
thousands—has been the means of turning  
many a failure into success.  
The great variety of vegetable and flower  
seeds include the best of the old standard  
and such new kinds as have proved  
of value by actual test.

**J. J. H. GREGORY & SON,**  
Marblehead, Mass.

## Spraying Made Easy

By Using  
**STAHL'S  
Excelsior  
Spraying Outfits  
and Prepared Mixtures**



Save your trees, vines and plants  
from the ravages of scale, fungi  
and worms by spraying, and thus insure an increased  
yield. Every farmer, gardener, fruit or flower  
grower should write at once for our free catalog,  
describing Excelsior Spraying Outfits, and con-  
taining much information on how to spray fruit  
and vegetable crops.  
**WM. STAHL SPRAYER CO., Box 103-0, Quincy, Ill.**

## SEED CORN

THAT BEATS THEM ALL.

Pure Bred—Thoroughly matured and well dried; hand  
picked, sorted and selected; tested and best quality;  
yields 20 to 40 bu. more per acre than ordinary sorts,  
and has often made 100 bushels per acre.

**SEED OATS** Try some of our new im-  
proved varieties this year.  
They are bright, clean and  
pure stock; are hardier,  
more vigorous and yield better; strictly Iowa grown  
new crop, at low prices. Our big annual illustrated de-  
scriptive catalog of all Farm and Garden seeds mailed  
**FREE** if you mention this paper.

**RATEKINS' SEED HOUSE, . SHENANDOAH, IOWA.**

## 400 STRAWBERRY PLANTS \$1.00

In three choice sorts. Fruit Trees and  
Small Fruits at Fair Prices. Lists Free.  
**J. F. DAYTON, WAUKON, IA.**

**HEALTHY TREES HONEST IN QUALITY  
WE PAY FREIGHT**  
Grafted apple 4c, budded peach 4c, budded  
cherry 15c. Concord grapes \$2 per 100.  
Black Locust \$1 per 1000. Complete colored  
out. free. Galbraith Nurseries, Box 82, Fairbury, Neb.

these experimenters seem to have thought  
it worth while to attempt to secure a  
desirable cross between some of the na-  
tive American species and the late-  
blooming European species.

The blooming period of the plum fam-  
ily from first to last, is nearly thirty  
days in duration. Practically all of the  
Japanese and Japanese hybrid varieties  
put forth their blossoms during the first  
fifteen days of this period and, as a re-  
sult of late frosts, the grower secures  
perhaps one crop in three or four years.  
The trees of the European species of  
plum, on the other hand, do practically  
all of their blooming during the last fif-  
teen days of the thirty-day period.

The region bordering on the Great  
Plains frequently experiences warm days  
in winter which cause the fruit buds to  
swell. This region also experiences the  
descent of the spring "norther" in March  
or early April with a low temperature  
that is sure to prove disastrous to fruit  
on trees which have bloomed prema-  
turely. Here, then, is a splendid field  
of effort for the man who will do for  
plums what Prof. T. V. Munson has done  
for grapes.

Oklahoma ought to be a great plum  
country. Within its limits are to be  
found no less than six or seven distinct  
botanical species of indigenous plums  
and some of these exhibit a wide ten-  
dency to variation even in a wild state.  
The bounties of the state as well as the  
activities of experiment stations, horti-  
cultural societies and nurserymen's as-  
sociations should be invoked to encour-  
age such a line of development.

Oklahoma. J. B. Thoburn.

### An Experience in Potato Growing.

To the Editor of The Homestead:

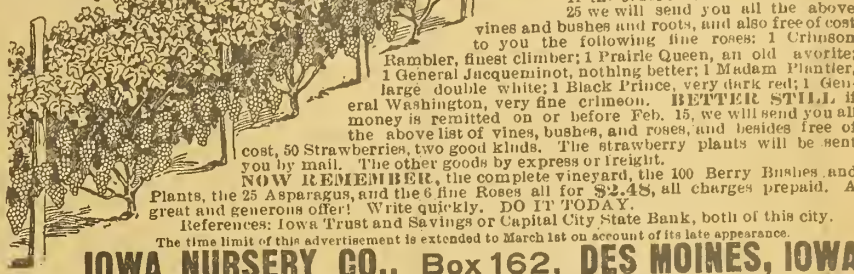
The average crop of potatoes in the  
Mississippi Valley is not more than fifty  
bushels per acre. The average potato  
patch looks as if its owner were making  
a very successful effort to grow a fine  
crop of weeds among which a few  
sprawny potato vines had succeeded in  
maintaining an uncertain existence. It  
is quite evident that these facts are re-  
lated in some way and in their light and  
experience in potato growing which I  
observed last year may prove interesting  
and instructive.

The soil was a fairly rich black loam,  
quite high for the most part, rolling  
gently, but not rough or broken. Dur-  
ing the winter horse manure was hauled  
and applied at the rate of about fifteen  
tons per acre. The middle of April the  
ground was plowed to a depth of about  
seven inches. It was then harrowed un-  
til all the clods were broken and the  
surface was in a finely pulverized con-  
dition. Just before planting the soil  
was disked and again harrowed. This  
was the 10th of May.

The seed potatoes were cut partly by  
hand and partly by the use of a simple  
home-made potato cutter which consist-  
ed of a plank long enough to reach  
across a barrel, having a hole four or  
five inches in diameter, across which  
were two blades, and another across  
which was a single blade. By the use  
of the cutter the work of preparing the  
seed could be carried on quite rapidly,  
the size of the pieces regulated so that  
by first cutting crosswise and then split-  
ting lengthwise a large potato could be  
cut into eight pieces while a smaller  
one could be cut into two or four as oc-  
casion seemed to require. It was the aim  
to have at least two eyes in each piece,

## A COMPLETE HOME VINEYARD FOR \$2.48

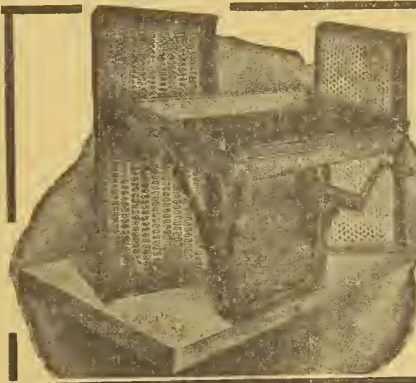
We grow and sell good trees. You do not know this, and we cannot convince you unless we can  
get a trial order. In order to get started we will offer you 75 First Class Grape Vines of the  
following varieties; 50 Concord, the old reliable; 10 Moore's Early, large and early;  
5 Agawam, the best red; 5 Niagara, the best white; 5 Catawba, old, but  
good. These vines are extra good, and it is because they are sure to  
please you that we want to put them in your hands. This selec-  
tion will make you a nice home vineyard. The vines alone are  
well worth the price asked, but we will add free to you 24 Rasp-  
berries (12 Gregg, black; 12 Cuthbert, red) 24  
Blackberries (12 Snyder, black; 12 Ancient  
Briton) 25 Asparagus, Conover's  
Colossal. We will deliver  
these free of all transpor-  
tation charges if  
you live in



### A PREMIUM FOR QUICK ACTION.

If the order is sent on or before Feb.  
25 we will send you all the above  
vines and bushes and roots, and also free of cost  
to you the following fine roses: 1 Crusino;  
Rambler, finest climber; 1 Prairie Queen, an old favorite;  
1 General Jacqueminot, nothing better; 1 Madam Plantier,  
large double white; 1 Black Prince, very dark red; 1 Gen-  
eral Washington, very fine crimson. **BETTER STILL**, if  
money is remitted on or before Feb. 15, we will send you all  
the above list of vines, bushes, and roses, and besides free of  
cost, 50 Strawberries, two good kinds. The strawberry plants will be sent  
you by mail. The other goods by express or freight.  
**DO NOT FORGET**, the complete vineyard, the 100 Berry Bushes and  
Plants, the 25 Asparagus, and the 6 fine Roses all for \$2.48, all charges prepaid. A  
great and generous offer! Write quickly. **DO IT TODAY.**  
References: Iowa Trust and Savings or Capital City State Bank, both of this city.  
The time limit of this advertisement is extended to March 1st on account of its late appearance.

**IOWA NURSERY CO., Box 162, DES MOINES, IOWA**



## GOOD CORN LAND TOO VAL- UABLE TO WASTE.

Delany's Seed Corn Sorter enables the planter to  
do its best work. Thus the land ordinarily wasted  
in a poor stand is utilized and the yield correspond-  
ingly increased.  
It also removes all dirt and chaff and irregular  
shaped kernels which clog the planter.  
The time saved in planting alone will more than  
pay for the device.  
The corn is held until the grade is established  
and good seed cannot fall over as in continuous  
flow machines.  
The device is cheap, will last a lifetime, is easy  
to operate and has large capacity.  
Hundreds in successful operation.  
Send for free Seed Corn Booklet C showing our  
line of Sorters.

**J. F. DELANY, COLONA, ILLINOIS**

## The New Ideal Seed Corn Tester.

No more cigar box, tin plate and blotting paper seed corn testing. The New Ideal Corn Tester solves the  
whole problem. It is endorsed by Professor Holden and every other corn expert in the Central West.  
It tests thoroughly enough corn for forty acres each time. The season for testing is at hand. Write at  
once for catalog to

**ULBRICH SEED CORN TESTER COMPANY,**

424 Walnut Street,

Atlantic, Iowa

## PLANT ALFALFA

It's a money-maker—"King of All Grasses." Our  
Alfalfa Book tells how to grow it successfully. Our Al-  
falfa Seed is Kansas grown, unadulterated, gives best  
results. Write for book and 64-page Seed Book free.  
**ROSS BROS. SEED HOUSE, 325 E. Douglas Ave., Wichita, Kan.**

## ALFALFA BOOK FREE

## BURPEE'S SEEDS

A New Book of 200 pages, mailed  
Free to all who want to plant the  
Best Seeds that Grow. Address  
**BURPEE'S SEEDS, Philadelphia.**

and the pieces ranging about the size  
of an English walnut. The seed was  
then treated by soaking for two hours  
in a solution composed of four ounces  
of corrosive sublimate to fifty gallons  
of water, the object being to destroy the  
germs of scab and rot.

The planting was done by means of a  
potato planter, which was so adjusted  
that one piece would be dropped every  
fourteen inches and the rows were made  
three feet apart.

Immediately after planting the ground  
was again harrowed and this was re-  
peated one week later. No further cul-  
tivation was given until the vines were  
about two inches high, when the ground  
was thoroughly stirred with a small  
shovel cultivator, after which the harrow  
was again used. This treatment was



## Oats

Largest Growers of Oats,  
Farm and Vegetable Seeds  
in America.

**FREE**

Our mammoth 148-page Plant  
and Tool Catalogue is mailed  
free to all intending buyers, or  
send 6c. In stamps and receive  
free samples of new Two Foot  
Long Oats and other cereals  
and Big Seed Catalogue Free.

**JOHN A. SALZER SEED CO.**  
La Crosse, Wis.

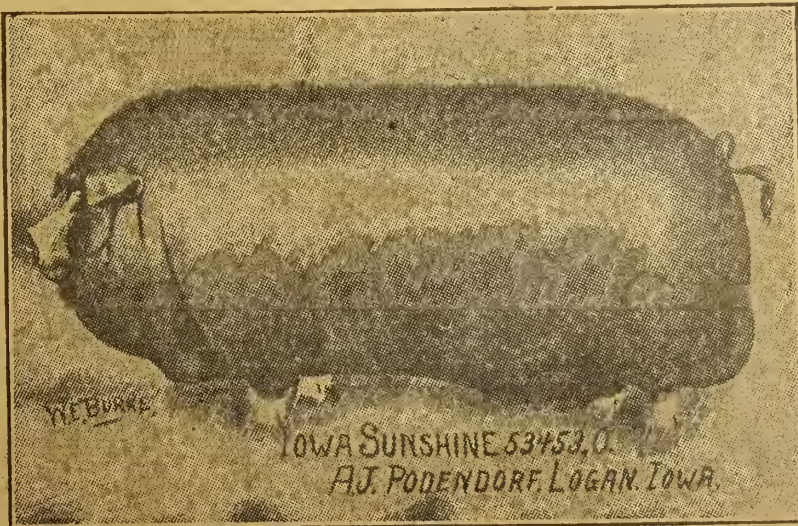


Ferry Seeds  
are not an experi-  
ment, but with proper culti-  
vation, they assure success  
from the start. Users have no  
doubts at planting nor disap-  
pointments at harvest. Get

## FERRY'S SEEDS

for biggest, surest, best crops—  
at all dealers. Famous for over  
50 years. 1907 Seed Annual  
free on request.

**D. M. FERRY & CO.,**  
Detroit, Mich.



Several daughters of the above boar and some fall pigs will be in Mr. Poden-  
dorf's sale at Logan, Iowa, on February 23d. See advertisement on page 38.

repeated every week until the vines were  
seven or eight inches high, after which  
the use of the harrow was discontinued.  
The two-horse cultivator was still used  
about once each week until the vines  
were so large as to make it inconvenient.  
The Planet Junior was then used for the  
last cultivation. No further care of  
any kind was given, except to pull out





KILL THIS BUG WITH

**Swift's**

**Arsenate of Lead**

and save your potatoes.

Destroys also the Coddling-Moth, the Elm Beetle and all other leaf-eating insects. Swift's Arsenate of Lead sticks to the foliage, saving respraying after rains, and never burns or scorches, no matter how strong the solution. Swift's Arsenate of Lead is endorsed by leading fruit growers, truck farmers and horticultural experts. Our booklet, sent free, tells more about Swift's Arsenate of Lead, and gives testimonials from your own locality. Write for it.

**HERRIMAC CHEMICAL CO.**  
41 Broad St., Boston, Mass.



**GOOD SEEDS CHEAP**  
BEST EVER GROWN  
A wonderful big catalog FREE Full of engravings of every variety, with prices lower than other dealers'. Oldest reliable seed grower in America. No old seed. All fresh. They will grow or will refund money. Big Lot Extra Packages Free with Every Order. Send yours and your neighbor's address. **R. H. SHUMWAY, Rockford, Illinois.**



**Jewell Seeds and Trees**

1200 acre nursery and seed farm, founded at Lake City in 1883 by Dr. F. A. Jewell. Send postal card for Free 182 page catalog of Seeds, Plants, Trees, Roses, Evergreens, etc. We grow only Hardy varieties suited to the North.

**THE JEWELL NURSERIES,**  
BOX 16 LAKE CITY, MINN.

**We Have a Limited Amount of**  
**HOME-GROWN NEW ALFALFA**  
At \$10.00 per Bag of 60 lbs.

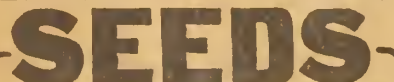
**ALSO MEADOW FESCUE OF**  
Our Own 1906 Raising at \$6.00 per 100 lbs.

**WM. ERNST & SON,**  
Tecumseh, Johnson Co., Nebraska.



**SEEDS THAT GROW**

Best quality Garden, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes. We will send free with catalogue a pkt. of new lettuce seed "May King" the best head lettuce ever introduced. **GERMAN NURSERIES & SEED HOUSE**  
**CARL SONDEREGGER, Prop.**  
Box 12, Nebraska.



All the best novelties and standard sorts of Garden and Farm seeds. Send for handsome, illustrated catalogue of Seeds, Plants, Poultry Supplies, Nursery Stock, etc., and special Bargain List of Vegetable and Flower seeds. Mailed to you, if you mention this paper. **FREE**  
**IOWA SEED CO., Des Moines, Iowa.**

**300,000 RED CEDARS.**

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list. **GARLAND & FOWLER, Ames, Iowa**

a few large weeds which had escaped the cultivator.

The vines made a fine growth and almost completely shaded the ground, keeping it loose and mellow and giving the weeds a very poor chance to grow. The potatoes were mostly of late varieties and were dug by means of a two-horse potato digger about November 1st. All the different varieties made a very fine yield, the Rural New Yorker easily taking the lead, making close to three hundred bushels per acre.

It was found that there was more or less scab, notwithstanding the treatment of the seed just before planting. This was undoubtedly due to the recent application of manure which was no doubt an error. Had the manure been applied the preceding season and one crop grown upon the soil before the potatoes this difficulty would have been avoided.

It will be observed that the points which rendered this experiment a success, though small, are very important, but are usually overlooked. The first is treating the seed for fungous diseases after which comes thorough preparation of the soil. More seed was planted than is the common practice. This made possible an extra large yield and also aided in keeping down the weeds. The frequent cultivations conserved the moisture and made it available to the plants during the important time when the tubers were being formed. They also kept the patch clean and really reduced the cost of cultivation as it is usually necessary to do more or less hoeing under ordinary methods of cultivation. Under the method practiced the question of weeds was very satisfactorily disposed of and this, after all, is the most important, for as indicated in the beginning, weeds are the greatest enemies of successful potato growing.

Subscriber.

#### Strawberries for the Farmer

To the Editor of The Homestead:

Taking the country over, the farmer's strawberry bed cannot be called a success. It is true that in many cases the farmer has not even attempted to raise that most delicious of fruit, but even where he has, the result has generally been disastrous. I have given some attention to these causes of failure and to the remedy, and will try to make a few suggestions that may be of help in growing this fruit. The usual cause of failure appears to be that, after the first crop which generally succeeds so well that the whole family are enthusiastic over the returns, weeds and grass spring up among the plants, there appears no way to remove them except by laborious hand labor, and the consequence is that when the next year comes and the berries are few and small and poor-flavored, the farmer in disgust takes his plow, turns the whole bed under, and that is the last of strawberries on that farm.

It has seemed to me that the easiest way to avoid this difficulty is for the farmer to grow the plants by the hill system. This does not mean that the plants are to be hilled up as I find some think, but that the runners are all to be kept off with the exception of one. Put the plants twelve inches apart in the row. Do not let them bear the same season you set them out. Cut all blossoms and runners off. The next year these plants will bear and also send out runners. Make the earliest runner take root just half way between the old plants, and as soon as the berries are gone, cut the old plants out and there will be left a row of young plants the same distance apart the old ones were. By fertilizing liberally this course may be pursued for several years or until the plants seem to be losing in vigor, when it is best to change the bed.

The value of this plan is that it does almost entirely away with hand weeding. With the plants in single hills, they can be hoed as easily as a hill of potatoes, but it should not be forgotten that the plants must never be hilled up with earth so as to cover the crowns or hearts or else they will die. This is the easiest and simplest way of raising strawberries that I can think of and can be followed by any farmer who has as much time to give to the strawberry bed as to a potato patch of the same size.

Missouri. L. R. Johnson.

**HIGHLAND PARK COLLEGE, DES MOINES, IOWA.**

The last half of the school year begins February 19, 1907. There are two full quarters of twelve weeks each yet in this school year. New classes will be organized in all preparatory, normal and college work, also in

## I Make Harness and Sell It Direct to You

This Heavy Team Harness Would Cost You \$35 at Your Dealers'. I Sell It For \$24

All Shipments on Approval.

The way to get a dollar's worth of harness for every dollar you pay is to buy direct from the makers. A \$35 harness at your dealers' is no better than it was when the manufacturer sold it to the wholesaler for \$24. Because the wholesaler's profit and the retailer's profit bring the price up to \$35 to you, doesn't make the harness one bit better.

It's the long way around that costs so much. If you went from Omaha to Chicago by way of St. Louis, it would cost you more than if you went direct, wouldn't it?

Why buy harness in the round-about way? Even the big mail-order houses charge you one profit more than I do. I make my harness and am satisfied with a fair profit. Big sales and small profits are better for me than small sales and big profits because every new sale means a new friend and then I sell to his friends. Those who buy my harness say I save them about a third—sometimes a half.

I make 50 styles of good harness. My line is complete. Each set that leaves my shop is the product of workmen highly skilled in harness making, and is guaranteed to be from the best oak tanned leather—the only kind that ever gets into my factory.

I save you 30 to 50%, because I sell direct,—no agents, salesmen, dealers nor middlemen of any kind stand between

you and my goods; you get better harness, greater selection, and the maker's guarantee of perfect satisfaction or your money back.

And you take no risk dealing with me, because my word is good, and the Company of which I am President, is responsible for any promise I make; look them up in the Commercial Agency books, or ask any bank or express company where we are best known here in our home town.

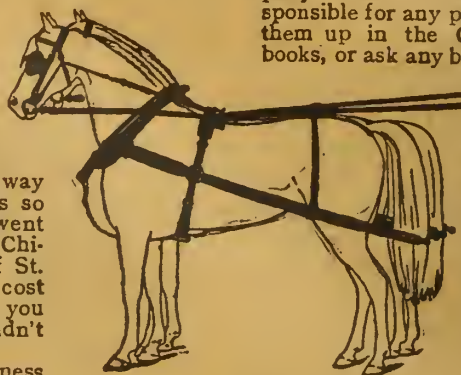
Now, about my "leader,"—the \$35 set for \$24. The cut gives you a fair idea of it. This is a genuine bargain—a splendidly made 1½-in. team harness, strong, stylish in appearance, and made of the very best grade oak tanned leather.

And it is actually worth more today than it was when we made it up, because leather is advancing in price, as you know.

So, if you want this special harness value, please order promptly, as I shall probably not be able to advertise the set again at \$24. Just send me the money and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways if you are not perfectly satisfied.

My big, free Harness book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address, R. M. Knox, Pres., Western Harness & Supply Co.,

613 Main St., Waterloo, Iowa.



## IOWA CLOVER

TESTED for germination and purity. Our "PURITY BRAND" is guaranteed free from Quack, Mustard, Canada Thistle, etc. Absolutely the best. Home grown Medium Red, Mammoth and Timothy. Also Alsike, White Clover, Alfalfa, Blue Grass, Genuine Dwarf Essex Rape, Adams' ENGLISH OATS, and field seeds of every description. Pure bred SEED CORN, Garden and Flower seeds. Get our catalog.

THE ADAMS SEED CO., - DECORAH, IOWA

**CLOVER** New Crop  
IOWA GROWN  
Recleaned  
and Tested

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.

IOWA SEED CO., Des Moines, Iowa.

## Wanted:

Two married men for orchard and farm work. Separate house and garden for each. No booze fighters or cigarette fiends need apply. Address, N. C. Dunlap, Manager Watson's Ranch, Kearney, Nebraska.

CLOVER SEED FOR SALE—Choice, recleaned, medium red, my own raising. Price \$8.50 per bushel including bag. Write for sample, H. D. Clore, Norwood, Iowa.

5 VARIETIES of seed corn for sale at \$1.25 per bu., eared or shelled. Satisfaction guaranteed or money refunded. Alex James, R. 1, Shenandoah, Ia.

KIERSON SEED OATS FOR SALE. Big yielder, will not lodge or rust. 50 cents a bushel. Aye Brothers, Blair, Nebraska.

all departments of engineering, pharmacy, music, oratory, commercial, shorthand, pen art and telegraphic courses. Students can enter at this time quite as well as at the beginning of the school year.

#### Homeseekers' Rates.

Homeseekers' tickets are on sale via the North-Western Line from points in Wisconsin the first and third Tuesday of each month at very low rates for the round trip to points throughout the West, Northwest and Southwest. Also special low rates for one-way colonists' tickets same dates in February and March to Colorado, Wyoming and the Black Hills, and to Pacific coast points daily during March and April.

Ask agents of the North-Western Line for particulars.

#### CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## FIELD'S SEED CORN

Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

HENRY FIELD, SEEDSMAN,  
801 25, SHENANDOAH, IOWA.

## WRAGG TREES

WE PAY FREIGHT. SELL direct, guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

**M. J. WRAGG NURSERY Co.,**  
330 GOOD BLOCK, DES MOINES, IA.

## SEED CORN

EAR OR SHELL AT FARMERS' PRICES

Selected, Butted, Graded, Tested.

**GRAIN, GRASS, VEGETABLE SEEDS**

**J. B. ARMSTRONG & SON,**

Originators of the Seed Corn Business.

CATALOG FREE. SHENANDOAH, IA.

## TREE LILAC - 30 FT. HIGH

A real tree, not a shrub. Never saw one? We have them for sale and many other kinds of fine Lilac. Send for catalog. Positively the finest in the Northwest. It fully describes and prices all kinds of Shrubs, Vines, Trees, Roses, Bulbs, Perennials, etc., and tells you how to plant, prune and care for trees, and all kinds of nursery information. **Sioux City Seed & Nursery Co.,** 2113 Clark St., - Sioux City, Iowa

#### TREES AT HALF PRICE.

Transplanted Evergreens, four years old, well rooted, 7 to 13 inches, 5c. each. Scotch Pine, 4 to 6 feet, 25c. each. Three-year apple trees, 10c. The best collection of Dahlias in the state, \$1.00 per 12. All kinds of nursery stock. Our descriptive catalog will tell you all about it. A postal will bring it. **BRISTOW NURSERY Co.,** Box 210, Hampton, Iowa

#### 1906 Home-Grown Recleaned Seeds

Prime Medium Red Clover per bu. \$7.75  
Prime German Millet per bu. .80  
Prime Timothy per bu. 2.00  
Delivered freight paid to your depot.  
Bags 20 cents each.

**Smith-Rauch Grain & Seed Co., Lamoni, Iowa**

AGENTS wanted to introduce Burbank's wonderful stoneless plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. **Oregon Nursery Co.,** Detroit, Michigan.



## An Open Secret

It is an open secret among poultry raisers who have been successful that food is not all that makes hens lay. Often times even the greatest care and attention to proper feeding will not produce eggs at this season of the year. Such a condition is invariably due to digestive difficulties and sometimes disease. Dr. Hess Poultry Pan-a-ce-a meets this condition. It is a tonic, increasing the powers of digestion, supplying iron for the blood, cleansing the liver, arousing the egg-producing organs, reddening the comb and brightening the feathers.

## DR. HESS Poultry PAN-A-CE-A

Is the prescription of Dr. Hess (M. D., D. V. S.). In addition to increasing egg production it cures and prevents poultry diseases. Besides being a tonic it has a special property peculiar to itself—that of destroying infection, the source of so many poultry diseases. It bears the indorsement of leading poultry associations in the United States and Canada. Costs but a penny a day for about thirty fowls, and is sold on a written guarantee

11.2 lbs. 25c  
mail or express 40c  
5 lbs. 60c  
12 lbs. \$1.25  
25 lbs. pair \$2.50

Except in Canada and extreme West and South.

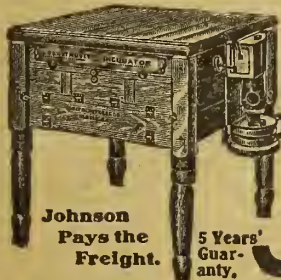
Send two cents for Dr. Hess 43-page Poultry Book, free.

DR. HESS & CLARK,  
Ashland, Ohio.  
Instant Louse Killer Kills Lice.

## OLD TRUSTY

INCUBATORS AND BROODERS

The Easiest to Operate Because It Runs Itself.



Johnson Pays the Freight.

5 Years' Guarantee.

Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on

40, 60 AND 90 DAYS' TRIAL and Five Years' Guarantee.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

SEND FOR JOHNSON'S BIG BOOK

Check-full of common-sense chicken talk and straight from the shoulder money-making suggestions. 300 illustrations. It is free. Write today sure, and get his special offer.

M. M. JOHNSON CO., CLAY CENTER, NEB.

## Save 2/3 Expense

More than 2/3 saved in oil and time by using the X-Ray Incubator. One filling of lamp makes the entire hatch. Egg tray not removed during the hatch. Glass top, and thermometer in plain sight. Lamp need not be removed during the hatch. Automatic wick trimmer, chimney need not be removed. Flame is turned down automatically when hot enough. Eggs aired and turned by simply lifting the lid. The X-Ray Incubator is entirely different from other incubators. You should know about this before buying. Catalogue free.

THE X-RAY INCUBATOR CO.  
28th St., Wayne, Nebraska

## MAKE GOOD MONEY IN POULTRY BUSINESS

Others are doing it. You can too with our big illustrated valuable book "Profitable Poultry." It tells how to breed, hatch, feed, grow and market—to make lots of money. Describes most wonderful poultry farm in the world. Contains plans for Brooder and Colony houses, yards and poultry farm. Tells all about the "Biddy" Incubator and Brooder, proves and guarantees it to be the very best; all about our 32 kinds of profitable fowls; quotes low prices on birds, eggs, incubators and brooders and everything for poultry. It starts you on the right road to success in poultry. Mailed for 4c in postage.

BERRY'S POULTRY FARM, Box 112, Clarinda, Ia.



## 125 Egg Incubator and Brooder Both For

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them. WISCONSIN INCUBATOR CO., Box 71, Racine, Wis.



**FOR SALE:** Live deer, all ages, fawns, white swans, Call for a quality, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.



Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### LICE KILLING.

A subscriber to The Homestead asks for a remedy for the big head lice that kill chicks even after their heads have been greased. Now it is certain that grease is sure death to lice. They simply cannot live after coming into contact with it. If the greasing is not most thoroughly done, the pests may crawl around to some spot not touched with the fatal application, but if once touched, Master louse is a "goner." If the grease is not put elsewhere than on the head, the lice will gleefully skip to an ungreased spot, and proceed with their destructive work. If you must grease, do not forget to put it under the wee chin and under the wings, and around the vent.

But such eminent authorities as John Robinson, editor of Boston "Farm-Journal," and Dr. P. T. Woods, protest against greasing the small birdlings. Grease will kill lice every time, but too often kills the chick also. These gentlemen, and many others of wide experience recommend the use of insect powder instead. Care must be taken in the selection of the powder, for some of those offered for sale are dangerous. One good way to powder chicks is to put about half a dozen in a ten-pound bag, sprinkle some powder in upon them, close the mouth of the bag, and shake it for a minute or so. This distributes the powder well into every part of the body, and is very effective. Better wait till the chick is ten days or two weeks old before subjecting it to such heroic treatment. By this time it can stand it all right. It is hard work to keep ahead of the lice in our poultry yards, but we have plenty of good tools, and victory is assured to the diligent and faithful.

### Hatching Leghorn Eggs.

To the Editor of The Homestead:

I made a number of incubator hatching tests one time that demonstrated some points in artificial incubation that I have never seen in print, viz., that Leghorn eggs will make a good hatch on a lower temperature than it takes to hatch Plymouth Rock or Brahma eggs. I know exactly what I am talking about in this instance. My tests proved it beyond my expectations. My expectations were gathered from the nature of the fowls and the difference in the size of eggs, also from little points gathered through observing the results in making hatches on mixed eggs.

My test was made with six 100-egg incubators. They were made exactly alike and all run alike in the same room and under exactly the same conditions. Before starting, I tested the thermometers to make sure there were no fractions in differences. I set three machines with Brown Leghorn eggs and three with Black Plymouth Rock eggs. I set each machine three times. The test was made in the months of May, June and July. Ran the temperature on the Leghorn eggs in one machine between 101 and 103, on another at 102 to 104 and on the other 103 to 105. I duplicated the plan on the three machines filled with Plymouth Rock eggs.

The lower temperature made the best hatch on Leghorn eggs while the higher temperature made the best hatch on Plymouth Rock eggs. For the second test I reversed the machines, that is I took the one that had been run on the higher temperature and run it on the lower temperature, made this reverse with both sets of incubators. The results came out as before. The higher temperature made the best hatch on Plymouth Rock eggs while the lower temperature made the best hatch on Leghorn eggs. With the Plymouth Rock eggs there was only a small per cent in favor of the higher temperature over the middle temperature, but with the Leghorn eggs the lower temperature made a greater gain over the middle temperature.

The third trial emphasized the results. This is the first time I have ever spoken of these particular experiments. I made the experiments to test an idea formed while watching incubator results on dif-

## A Free Book About Incubators

For your own sake don't buy an incubator until you read our book. It is written by the man who knows most about incubating—a man who devoted 25 years to the problem. It tells vital facts that you must know to buy wisely—facts you would not think of. It tells of Racine Incubators and Brooders, of course, but whether you buy ours or another, the facts are important. The man who writes the book made the Racine Incubator. When you learn what he knows you will want his machine, we think. The book is free—write today for it. Remember, We Pay the Freight. Address

Racine Hatcher Co., Box 135, Racine, Wis.  
Warehouses: Buffalo, Detroit, Kansas City, St. Paul.

## Why So Sure? FINE POULTRY

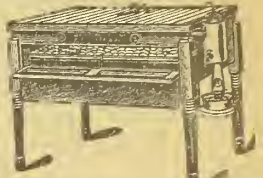
It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.



## The Successful

is the nearest of all the out and out automatic machines, both Incubator and Brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls. Incubator and Poultry Catalog FREE. Booklet "Proper Care and Feeding Small Chicks, Ducks & Turkeys," 10c. 60c poultry paper 1 year, 10c. Des Moines Incubator Co. Dep 50, Des Moines, Ia.

\$11.75



Buys a 240 Egg Incubator. The surest and easiest hatcher made.

The Famous

## IDEAL INCUBATOR

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than that? Let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's free.

J. W. MILLER CO., Box 306, Freeport, Ills.

## INCUBATORS 40 DAYS FREE TRIAL



Is the lowest priced Good hot water incubator made. The Great Western Incubator has the best hatching record. It is the easiest to operate. It is guaranteed for 10 YEARS. Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not what we claim return it at our expense. Write for complete FREE catalog of Great Western Incubators and brooders.

GREAT WESTERN INCUBATOR CO.  
914 Liberty St., Kansas City, Mo.

## BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

FRANK FOY, BOX D, DES MOINES, IOWA.

## AMERICAN INCUBATOR

SPECIAL PRICES: 240 Egg size \$11.00, 120 Egg size \$7.50, 60 Egg size \$5.00.

Brooders too low to price here. Iron bound. Personal guarantee of their superiority. All about the best Incubators, Brooders, Poultry and Poultry Supplies, with prices, in our free book. American Incubator Co., Box 112, Freeport, Illinois.

## COME INTO THE FOLD.

Be one of the successful poultrymen. Our people make money out of chickens. They run

The Petaluma Incubator and Brooder too. Perfect regulation of heat, air and moisture. Awarded Gold Medal St. Louis and Portland Expositions. The catalogue is free. Write for it.

PETALUMA INCUBATOR CO., Box 3, Petaluma, Cal.

## POULTRY PAYS

Our Book, "Poultry for Profit" showing 35 best paying varieties mailed for 10 cents. Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.

ferent kinds of eggs and through studying the nature of the sitting and non-sitting varieties of poultry. I am thoroughly convinced that there is fully one degree difference between the right temperature for Leghorn eggs and the right temperature for Plymouth Rock or Brahma eggs. My convictions are that



two degrees difference between Leghorn eggs and Brahma eggs is about correct.

It is the experience of all incubator operators that Leghorn eggs hatch a day earlier than Plymouth Rock eggs in the same incubator. The same thing invariably happens in a hen's nest, yet a Leghorn that will set on her own eggs will hatch in twenty-one days and the same

of the Plymouth Rock. On first thought the difference in temperature seems queer, but if we extend the thinking and reasoning, it is not so queer after all.

It is a fever that makes hens broody. The larger varieties are more inclined to broodiness, the fever is higher. With the larger body, the heat is greater in proportion to the feathers. It is a hard matter to find opportunities to take the temperature under a sitting Leghorn. Only once have I ever been able to do so on account of the wilder nature and the sensitiveness in having things other than eggs under her, but in the one good test, the temperature showed 102 on the eighth day. On the other hand I have known the thermometer to show as high as 106 on the twelfth day under a Plymouth Rock hen. In dozens of tests the thermometer has shown 104 after a week's incubation under the larger varieties. Let me further say that as a general rule, the best results are obtained with incubators with a degree higher temperature in a cold room than in a warm room. This difference is due to the bottom of machine being cooler in a cold room. M. M. Johnson.

#### WILD WITH ITCHING HUMOR.

Eruption Broke Out in Spots All Over Body—Cured at Expense of Only \$1.25—Thanks Cuticura.

"The Cuticura Remedies cured me of my skin disease, and I am very thankful to you. My trouble was eruption of the skin, which broke out in spots all over my body, and caused a continual itching which nearly drove me wild at times. I got medicine of a doctor, but it did not cure me, and when I saw in a paper your ad., I sent to you for the Cuticura book and I studied my case in it. I then went to the drug store and bought the cake of Cuticura Soap, one box of Cuticura Ointment, and one vial of Cuticura Pills. From the first application I received relief. I used the first set and two extra cakes of Cuticura Soap, and was completely cured. I had suffered for two years, and I again thank Cuticura for my cure. Claude N. Johnson, Maple Grove Farm, R. F. D. No. 2, Walnut, Kan., June 15, 1905."

—Mr. John W. Budd, of Des Moines, has a twenty-four acre farm which he is desirous of leasing to a poultryman or dairyman. His advertisement appears on page 24.

#### Why Not Visit California

this winter? There will be an especially low rate during March and April—colonists' second-class one-way tickets \$33 from Chicago. A corresponding reduction in rates will be made from all points on the North-western Line.

Our daily and personally conducted tours offer many advantages to the traveler, among which is our service of Pullman tourist sleeping cars, through without change Chicago to San Francisco, Los Angeles or Portland, in which a double berth costs only \$7.

First-class round-trip tickets with very liberal return limits are sold daily. Consult the nearest agent of the North-Western Line for full information regarding rates, routes, etc.

#### HOMESEEKERS' EXCURSIONS.

On the first and third Tuesdays of each month, the Iowa Central Railway will sell round trip excursion tickets to points in the North, Northwest, South, Southwest and Southeast. The rate is only one fare plus \$2 and less, with liberal stop-over privileges. Tickets sold to points in the following states: Minnesota, South Dakota, North Dakota, Arizona, Arkansas, Colorado, Idaho, Indian Territory, Iowa, Kansas, Louisiana, Mexico, Missouri, Nebraska, Montana, New Mexico, Oklahoma, Texas, Utah, Wisconsin, northern Michigan, Wyoming, etc. For rates and full particulars call on agents or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

#### ONE WAY SETTLERS' RATES

To points in Nebraska, Eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas, Louisiana, Alabama and Mississippi, etc.

The Iowa Central Railway will place on sale on the first and third Tuesdays of each month, January to March, inclusive, one-way tickets at the extremely low rate of only one fare plus \$2 for the benefit of homeseekers and settlers.

Don't fail to call on Iowa Central agents for full particulars, rates, etc., or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

#### SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Minneapolis & St. Louis R. R. will place on sale special second-class settlers' tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.



## Let Me Quote You a Price on a CHATHAM Before You Buy an Incubator

It will take one penny for a postal, and a minute of your time, to write for Special Prices on 1907 Chatham Incubators and Brooders. No matter what kind of a machine you have in mind—no matter where you intended buying, or when—TODAY you should send me a postal and get my catalog and prices.

My book will tell you how good Incubators are made—will tell you what you ought to know about poultry business—will tell you about brooders—will post you on the best way to make money out of poultry—and my prices on Chatham Incubators and Brooders will show you how to start in the poultry business for a small amount of money.

## Chatham Incubators Sold on 84 Days FREE Trial

freight prepaid—guaranteed 5 years. That's the story of the celebrated Chatham Incubator. We sell them on trial, pay the freight, and guarantee them for 5 years. With proper care, they last a lifetime. I am going after the incubator business of the country this season, and I intend to get it on great, big value in the machine and a very low price. Chatham Incubators are the best possible to make. They are tested, and known to produce the largest percentage of strong, healthy chickens. We have two immense factories—one in Canada and one in the United States—and run our own experimental station where a battery of Chatham machines are in operation every day in the year, under the care of expert poultry men. If you are most ready to buy a machine now, put it off for a day or two, until you can get my prices and catalog—then decide on what to buy.

We have warehouses in all the leading trade centers—where Chatham Incubators and Brooders are kept in stock—insuring prompt delivery. Depend on this:—With the immense amount of money—\$500,000—that we have invested in the incubator manufacturing business, we are sure to give our customers every improvement worth having in the Chatham Incubator. We can afford it, because that is what brings us the largest business in the world. That is all I can say in an advertisement. I invite you to write for my prices and book. Address me personally.

Manson Campbell, Pres., Manson Campbell Co., Ltd.  
241 Wasco Avenue, DETROIT, MICH.  
If you live west of the Mississippi River, address me Box 241, Topeka, Kan. If in the East, Box 241, Harrisburg, Penn.



Guaranteed Five Years

## HATCH ALL Incubators Will Hatch Your Eggs

It heats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., Box 8, HEBRON, NEBRASKA



#### POULTRY.

**LIGHT** Brahmas, ten pound scored cockerels with true Light Brahma shape and size, two leading strains. E. E. Condit, Newton, Iowa.

**LIGHT** Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

**ORPINGTONS.** S. C. Buff Orpington cockerels for sale. Choice birds \$1.50 each. Eggs in season. Dan McCarty, Wintrop, Iowa.

**WHITE** Wyandotte cockerels, unscored, \$1.25 for 1, two or more \$1 straight. Mrs. L. M. Estes, Route 2, Audubon, Iowa.

**FINE** Partridge Cochins; also trio White Holland turkeys, "good enough for show room," \$20. Floy Collins, Viola, Iowa.

**FOR SALE—BARRED** PLYMOUTH ROCK COCKERELS, \$1.00 and \$2.00 each. W. J. Dooley, Keosauqua, Iowa.

**400** BARRED Plymouth Rocks and White Wyandottes, cockerels and pullets. W. C. Frazier Atlantic, Cass Co., Iowa.

**"SPECIAL,"** high-class, snappy lot, Barred Rocks, cockerels, pullets, eggs. Ferndale Fruit Farm, Harlan, Ia.

#### DOGS.

### SCOTCH COLLIE DOGS

**FINE** puppies now for sale. Fine workers, handsome pets. Best pedigrees. Write for new illustrated catalog if interested. Several good studs at service.

Geo. T. Underhill, Knoxville, Iowa.

**THOROUGH BRED** fox, wolf andcoon hounds. Puppies to trained dogs for sale at all times. Low prices and guaranteed. S. A. Smith, Keosauqua, Ia.

#### POULTRY.

### RHODE ISLAND REDS

**ONLY** a few settings for \$1.50. These are the coming birds. Address, Booster Red, South Park Lane, Des Moines, Iowa.

**WHITE** Wyandottes for sale.—A few choice cockerels for sale at reasonable prices, from stock scoring 94% points. Write for prices. Address, Mrs. C. E. Craue, Route 1, Little Sioux, Iowa.

**WHITE** Plymouth Rocks, White Holland turkeys and Pekin ducks. Special low prices for the next 30 days. S. M. Compton, R. 3, Newton, Iowa.

**OTTUMWA** Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

**BARRED** Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa.

**MAMMOTH** Bronze turkeys, large boned, well marked young toms \$5, hens \$3, pullets \$2.50, also W. P. R. chicks, \$1 each. Sterling Martin, Melrose, Ia.

**FOR** sale, fine, large Black Langshans and Silver Laced Wyandotte cockerels, scoring from 92 to 94%. Prices right. Mrs. Wm. Barr, Kirkman, Ia.

**BLACK** Langshan cockerels for sale. The result of nine years exclusive breeding. \$1 each in lots of three or more. H. M. McKeen, Sac City, Iowa.

**FOR** SALE—75 Barred Plymouth Rocks and Mammoth Bronze Turkeys. Best marked birds I have ever offered. Robt. Huut, Earlville, Iowa.

**UPLAND** Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Hans, Waucoma, Iowa.

**40** BIRKEDS hardy, thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. Catalog free. R. R. Neubert, Mankato, Minn.

**S. C. BROWN** LEGHORN, S. C. White Leghorn, Laced and Silver Laced Wyandotte cockerels, \$1 to \$3. Geo. F. Blake, Maquoketa, Ia.

**ROSE** Combed Brown Leghorn cockerels for sale, 6 for \$5.00, also eggs in season. Write for prices. F. Bowman, Eldora, Iowa.

#### POULTRY.

**400** Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 95% at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

**I** HAVE cockerel—bred B. P. Rock cockerels and yearling hens for sale of Bradley Bros. strain direct. Also few large White Rocks, yearling hens and pullets of pure Fisel strain direct at \$1 each to quick buyers. As I have to move February 20th, must close these out at once. C. H. Drake, Stockport, Iowa.

### Evergreen Poultry Farm,

#### MARATHON, IOWA.

**200** prize winning birds for sale. B. P. Rocks, M. B. turkeys, Pekin ducks and Toulouse geese, due large birds with or without score cards. Prices right. Write me, Mrs. Silas Cobbs.

### CEDAR LAWN

#### POULTRY YARDS

**Barred** Plymouth Rocks exclusively. 75 scored cockerels at \$1.50 to \$3.00 each. A few unscored at \$1.00 each. Prompt shipment and satisfaction guaranteed. W. J. Applegate, New Sharon, Iowa.

**SINGLE** COMB W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

**SILVER-LACED** Wyandottes, Steinmesch strain. Some big, strong cockerels at \$1.50 each or 4 for \$5.00, if sold in 30 days. O. M. Healy, Bedford, Iowa.

**100** Barred Plymouth Rocks, scoring 89 to 91, bred for utility and fine points, large fine shape, prices right. Mrs. Anna Dockey, Pilot Mount, Ia.

**FOR** sale, white Wyandotte cockerels and pullets from large, well bred stock. Write me for prices. Mrs. A. H. Graham, R. F. D. No. 1, Alexis, Ill.

**200** Barred Plymouth Rocks, scoring 89 to 92, bred for laying and fine plumage, large and vigorous. \$1.00 to \$5.00. C. G. Good, Ogden, Ia.

**MAMMOTH** BRONZE TURKEYS, heavy-boned, blocky birds from high-scoring stock. C. A. Nolsberry, Plymouth, Iowa.



POINTERS.

—Mr. Grant Galiaber, of Spencer, Iowa, has 100 Mammoth Bronze turkeys and 200 Barred Plymouth Rocks for sale. His advertisement appears on this page.

—Mr. V. C. Atwell, of Little Sioux, Iowa, has seventy-five Barred Plymouth Rock cockerels which he is offering for sale in his advertisement on this page.

—Mr. H. A. Flett, of Dows, Iowa, is advertising Rouen ducks, both male and female, for sale in his advertisement that appears on this page of The Homestead.

—Mr. F. Wendt, of Alden, Minn., is offering yearling Barred Plymouth Rock hens and Rose Comb White Leghorn cockerels for sale in his advertisement on this page.

—Mr. E. R. Stilson, of Montezuma, Iowa, is offering Buff Plymouth Rock cockerels and pullets for sale at very reasonable prices, as per advertisement that appears on this page.

—Mr. S. S. Puckett, of Lynchburg, Ohio, is offering White Plymouth Rock cockerels for sale in his advertisement on this page. He also gives the price at which he can furnish eggs from this variety of fowl.

—Mrs. Adda Picken, of Fairfield, Iowa, has some choice Single Comb White Leghorn cockerels that she desires to close out and for that purpose is making a very low price in her advertisement that appears on this page.

—Mr. H. A. Ring, of Newton, Iowa, is offering Mammoth Bronze turkey toms for sale in his advertisement on this page. He writes: "These are a fine lot of birds with great bone and size, the finest we ever raised."

—Mrs. R. Van Der Wert, of Lacey, Iowa, has some high-scoring Barred Plymouth Rock cockerels for sale as per advertisement on this page. She writes that she has some excellent birds and that she can furnish score cards and she will be pleased to make prices right.

—Mr. L. C. Dale & Son, of Webster City, Iowa, have some fine breeding cocks and cockerels in their fine Light Brahmas, also cockerels and pullets in their White Wyandottes. They wish to close out and will treat their customers fair. See advertisement on this page.

—Mr. Oren J. Spalti, of Pleasantville, Iowa, writes: "I still have left about forty Light Brahma cockerels for sale; they are fine, large, big-boned birds, with good, dark hackle and wings and well feathered on legs and toes. Will offer these at \$1.50 and \$2 each." See advertisement on this page.

—Mr. Henry O. Miller, of Bristow, Iowa, has some Mammoth Bronze turkeys, the young hens of which weigh from fifteen to eighteen pounds and the toms, twenty-five to twenty-eight pounds, which he is offering at reasonable prices. His advertisement appears on this page of The Homestead.

—The Hampton Poultry Company, of Hampton, Iowa, can supply Homestead readers with eggs from thoroughbred Buff Orpington, Rhode Island Red, Barred and White Plymouth Rock, Brown and White Leghorn and Wyandotte chickens and ducks and geese. Catalog will be sent free. See advertisement on this page.

—Messrs. Henry Schlatter & Sons, of Lawler, Iowa, in furnishing copy for their new advertisement on this page, write: "We have about 150 splendid Barred Rock pullets and cockerels for sale, from stock scoring up to 92 points. We are crowded for room and will sell them low. We also have a few more splendid young Mammoth Bronze toms."

—Mrs. P. L. Carrol, of Hampton, Iowa, in furnishing copy for her Mammoth Bronze turkey and Plymouth Rock cockerel advertisement appearing on this page, writes: "I have scored and unscored stock for sale both in Mammoth Bronze turkeys and Barred Plymouth Rock cockerels. For cockerels that are unscored I am asking \$1 each for large birds that are well worth the money. They are of the Bradley Bros. strain."

**LANGSHAN COCKERELS.**  
—Mr. E. D. Keasy, of Wiota, Iowa, is offering some good Black Langshan cockerels at popular prices in order to close them out. He has some good ones and is pricing them right. If any of our readers want choice Langshan cockerels here will be a good place to get them.

POULTRY.

Westview Poultry and Stock Farm

LIGHT Brahma cockerels and pullets. Barred Plymouth Rock cockerels at a bargain. Write me.  
Mrs. J. C. Weber, Montezuma, Ia.

**MAMMOTH BRONZE** White Holland turkeys Barred and White P. Rocks. Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

**ROSE Comb Brown Leghorns**, exclusively. Cockerels from high scoring stock \$1 each, 6 for \$5. Eggs \$3.50 per 100, \$6 per 200. R. R. Stewart, Charles City, Iowa.

**CHOICE** Mammoth Bronze turkeys, both sexes, large boned, fine plumage, best strains. Prices reasonable. Mrs. C. C. Kitz, Maderia, Minn.

**MAMMOTH B.** turkeys, both sexes, B. Langshans. Cockerels, scored and unscored. Also Pekin ducks. Mrs. A. Kitson, Audubon, Iowa.

**SILVER-LACED WYANDOTTES**, Pekin ducks. S. choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

**WHITE** Plymouth Rock cockerels for sale. Fishel strain, good weight, healthy birds, pure white. C. J. Rose, Oden, Iowa.

**LIGHT BRAHMAS** bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spalti, Box 7, Pleasantville, Iowa.

**WHITE WYANDOTTE** cockerels. Fishel strain for sale \$2.00, eggs \$2.00 for fifteen. C. W. H. Beyer, Grinnell, Iowa.

**FINE, LARGE MAMMOTH BRONZE TURKEYS** and Rouen Ducks. J. H. Howarth, Moulton, Iowa.

# There's Money in Poultry

## SUCCESSFUL Incubators and Brooders.

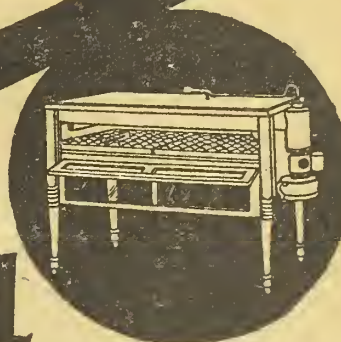
They are machines that have been proven. Many thousands have been in use for many years. They can be relied upon for uniform good results. Every user testifies to their perfect self-regulation, their dependableness and their uniform good results under all conditions.

Successful Incubators and Brooders for years have been, and now are, sold with the positive guarantee that, under like conditions, they will hatch as many and as strong, vigorous chicks from a given number of eggs, and will brood as many to maturity, as any other incubator and brooder in the world.

This guarantee protects you. Start right with proper machines. Incubator and Poultry Catalogue Free. Booklet, "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper one year, 10c.

**DES-MOINES INCUBATOR CO.**  
Dept. 50. Des Moines, Iowa.  
We have a full line of poultry supplies, poultry and eggs.

**SUCCEED WITH A SUCCESSFUL**



POULTRY.

### Phillips' Black Langshans.

I HAVE a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90% to 95% at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

C. W. PHILLIPS.

New Sharon, Iowa

### CLOSING OUT SALE

OF my prize winning M. B. turkeys. Young toms scoring 98%, wt. 26 and 27 lbs. and one yearling tom scoring 96, wt. 37, 46 each and scoring 95% for \$5 each. Also hens and pullets scoring from 94% to 96, wt. from 15 to 20 lbs., \$3 each. Also choice B. P. Rocks of the Bright and Latham strain, cockerels scoring from 88 to 90%, \$1.50 each and unscored cockerels and pullets \$1 each or \$10 per dozen. Chas. Stuart, Altoona, Iowa.

### 30 CHOICE

#### Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, JNO. C. MILLER, Harlan, Iowa

#### G. M. Grinstead, Mitchellville, Iowa.

40 Monster M. B. Turkeys, bred from N. Y. prize winner, and winners at recent Iowa State Poultry show, '06; wou 1 and 2 on young tom, 1, 2, 3 and 4 on pullet, 2nd on pair. 50 B. P. Rock cockerels, 30 Pekin ducks. Phone 91 D.

### MAMMOTH BRONZE TURKEYS

AM offering an extra fine pen consisting of a very choice yearling Tom and 6 fine yearling hens, also have 4 more turkey pullets and a few B. P. Rock pullets of the noted Eclipse strain for sale, cks. all sold. Circular free. J. B. McAllister, Palo, Ia.

### EGGS FOR HATCHING

**\$1.50** PER 15 of the Golden Buff Plymouth Rocks and Golden Buff Orpingtons. Good hatch guaranteed. A. C. Harre, Belmont, Iowa.

**CHOICE M.B. Turkeys**, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strain; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

### LANGSHAN COCKERELS

I AM offering some extra fine birds at reduced prices to close them out. E. D. Keasy, R. R. 1, Wiota, Iowa.

**MRS. J. W. BLOXHAM**, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa

**WHITE P. Rocks**, B. Langshans, S. L. Wyandotte cks., scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

**MAMMOTH Brouze turkeys**, descendants of a 52 lb. tom. White Pekin ducks: Fourteen years a breeder. S. W. Alieu, Bethany, Harrison Co., Mo.

**WHITE** Plymouth Rock cockerels, scored and unscored; Scored stock 92 to 94%, farm raised, \$1 to \$2. Eggs in season. D. A. Good, Oden, Iowa.

**PURE Bred Barred P. Rocks**, scoring 93 to 93%. Choice cockerels, cockerel and pullet matings. Eggs in season. Mrs. R. VanDerWert, R. 2, Lacey, Ia.

**BUFF** Rocks for sale.—150 pullets, hens, cocks and cks., scoring from 90 to 94% pts. Prices reasonable. Eggs in season. Mrs. Chas. Steddom, Lacey, Ia.

**LIGHT** Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

**MY ROSE COMBED WHITE LEGHORNS** are state fair prize winners. Cockerels \$1.50 for \$5. Mrs. Grant Davidson, Manson, Iowa.

POULTRY.

### 75 PLYMOUTH COCKERELS FOR SALE

OF the Bradley, Ringlet and Eclipse strains. Some very excellent birds at \$1.00 and up; can also spare a few good hens and pullets. Address

Mrs. E. F. Escher, Manning, Iowa.

### Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

**Mrs. B. F. Wilcoxon,**  
Fort Des Moines, Iowa.

### White Holland Toms

WEIGHING from 16 to 20 lbs., \$4.00 each. Choice Barred Plymouth Rock cockerels, \$1.50 each.

J. S. TEALE, Lamoni, Iowa

### Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Duncer, Lamoni, Iowa.

**BARRED** Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92% points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7 1/2 to 11 pounds. Price \$1 to \$3. Write your wants to M. A. Easthouse, Hartley, Iowa.

**60 BARRED** Plymouth Rocks, exclusively. Are from birds scoring 91% points and cock that won 1st at the state fair. They are large boned, well barred, the best barred lot of birds we ever raised. Not a bad colored bird in our flock. Price \$1.50 to \$3.00 each. Address, George Bouewell, Grinnell, Iowa.

**BARRED ROCKS** for sale, one hundred cockerels and 50 hens and pullets. Cockerels scored and unscored, scoring from 91% to 88, 87, mating up breeding pens a specialty. Eggs in season, circular free. The Evergreen Poultry Farm, Mrs. Eva Girard, Schleswig, Iowa.

**FOR SALE**—Mammoth Bronze turkeys of both sexes, also B. P. Rock cockerels from prize-winning stock. Mrs. T. O. Cooper, Knierim, Iowa

**FOR SALE**—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Gilmore City, Iowa.

**CHOICE B. P. R. cockerels**, Bradley and Thompson strains, M. B. turkeys and Pekin ducks. Prices reasonable. Mrs. J. A. Campbell, R. 5, Manning, Ia.

**ROSE** and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

**CHOICES** S. L. Wyandotte cks., W. Wyandottes, Lt. Brahmas, Mammoth Pekin ducks, both sexes for sale. Mrs. Edith Eggabroad, R. 1, Grundy Center, Ia.

**MAPLE GROVE** Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia

**S. C. B. LEGHORNS**, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

**FOR** sale, Black Langshan cockerels at \$1.00 and \$2.00 each. Parent stock scoring high as 95 pts. Address, J. M. Cameron, Oskaloosa, Iowa.

**BARRED** Plymouth Rock cockerels, \$1.50 to \$2.00 each. Big bone, fine color, bred from our winners. J. M. Detwiler, Dunlap, Iowa. R. 1.

POULTRY.

### Barred P. Rocks E. B. Thompson Strain.

LARGE, heavy boned birds for the farmer and J. fancier. Scored by H. Simlich. Will sell at public sale, February 28th, Poland China bred rows and Shorthorn cattle. Farm joins Alta, Iowa. Telephone No. 87. Write for catalog.

J. A. PENN, ALTA, IA.

### Mammoth Bronze Turkeys.

Sired by a 96-point, 45-pound tom. Toms, \$5.00, hens, \$3.00.

GUY W. OFFILL, Prairie City, Iowa

**EGGS** from thoroughbred Buff Orpingtons, R. I. Reds, B. and W. Rocks, B. and W. Leghorns, Wyandottes, ducks and geese. 10 chicks guaranteed. Cat. free. Hampton Poultry Co., B3105, Hampton, Ia.

WE have about 150 B. P. Rock pullets and cks. for sale from stock scoring to 92. We are crowded for room and will sell low. Also have a few young M. B. toms. Henry Schlatter & Sons, Lawler, Iowa.

**ROSE COMB BROWN LEGHORN**, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

**BUFF** Cochins Exclusively. 20 large framed, good boned, even colored, well feathered cockerels for sale at \$2.00 to \$5.00 each. Write or order. W. W. Vaughn, Marion, Iowa.

**S. L. Wyandotte** cks. for sale; fine large birds from S. high-scoring stock; also two Buff Orpington cks. single comb. Mrs. F. H. Long, Manning, Iowa.

### ROSE COMB WHITE LEGHORNS.

Write for prices. M. T. McEvoy, Emmetsburg, Iowa

**FOR** sale, Light Brahma cocks and cks., White Wyandotte cks. and pullets. Eggs in season. Write wants to L. C. Dale & Son, R5, Webster City, Ia.

**PURE** bred B. P. R. yearling hens, Hawkins strain, laying condition, \$9 doz. R. C. W. Leghorn cks. from heavy laying strain. F. Wendt, Alden, Minn.

**FOR SALE**, Single Comb White Leghorn cockerels, 75c apiece to close out a limited number. Mrs. Adda Picken, Rural Route 1, Fairfield, Iowa.

**100** BIG M. B. turkeys. McClave and Giant strains, 200 Giant B. P. Rocks. Pairs, Trios or Pens in either class. Grant Galiaber, Spencer, Ia.

**BLK** Cochins, S. L. Wyandottes, B. turkeys, sire 47 lbs scored 96%; hens 97, 1st, 2d, cks; 1st, 2d, 3rd pullets Albert Lea show. Mrs. D. C. Molsberry, Plymouth, Ia.

**S. C. BUFF** Orpingtons, from stock scoring 93%, 96, Barred Rock cockerels. Prices reasonable. Rob White Poultry Yards. Nettie Crane, Blencoe, Iowa.

**WHITE P. R. cks.** scoring 90 or more. Score card goes with each bird. Price \$5 up. Eggs \$1.50, \$2.50 and \$3.50 per 15. S. S. Puckett, Lynchburg, Ohio.

**FOR** sale, M. B. turkeys, fine young stock. Hens weigh from 15 to 18 lbs., toms 25 to 28 lbs. Prices reasonable. Henry O. Miller, Bristow, Iowa.

**75 BARRED PLYMOUTH ROCK** cockerels, good birds, reduced prices for two weeks. Address, V. C. Atwell, Little Sioux, Iowa.

**MAMMOTH BRONZE** Turkeys, scoring from 94 to 96, Barred Rock cockerels, scoring 89 to 92% pts. Mrs. P. L. Carroll, Hampton, Iowa.

**BUFF** ROCKS, several splendid birds. Cockerels \$1.50 to \$3.00, pullets \$1.00 to \$1.50. E. R. Stilson, Montezuma, Iowa.

**ROUEN** DUCKS, farm raised, healthy drakes, \$1.25; ducks, \$1.00. Address, H. A. Flett, Dows, Iowa.

**MAMMOTH BRONZE TURKEY TOMS**, Giant strain. Write for prices. A. J. Ring, Newton, Iowa.



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**BAYER TANNING CO.**

to be tanned for Robes, Coats, Rugs, Harness and Lace Leather. Practical and Technical knowledge of Tanning. Superiority in workmanship and finish makes our work the kind YOU want. Write for new booklet and price list.

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Des Moines, Iowa.

WRITE FOR FREE BOOKLET NO. 54

**MAKE MONEY**

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**HIDES, FURS**  
etc. to us. We pay  
highest prices & sell  
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**N.W. HIDE & FUR CO.**  
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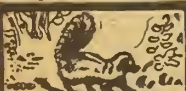
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you right if we want to keep  
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Manufacturing Furriers,  
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Made of High Carbon coiled wire. We  
have no agents. Sell direct to user at  
factory prices on 30 days free trial.  
We pay all freight. Catalog shows 57  
styles and heights of farm and poultry  
fence. It's free. Buy direct. Write today  
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Box 20, WINCHESTER, INDIANA.

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CURES LIQUOR, Neurasthenia, Drug and Tobac-  
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**KEELEY INSTITUTE, INC.,**  
708 Fourth St., Des Moines, Iowa

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LETTERS intended for publication should be  
accompanied by the name and address of the  
writer, not necessarily for publication, but as a mat-  
ter of good faith. All communications intended for  
this department should be addressed to Postoffice  
Box 727, Kansas City, Mo.

**WITH THE EDITOR.**

As I have made reports, in other years,  
after visiting the Kansas Woman's Press  
Associations, some of our readers know  
something of this body of women jour-  
nalists which meets yearly for confer-  
ence and a good time. It is the boast  
of its charter members that there is  
nowhere a more harmonious, congenial  
and altogether delightful association and  
I incline to agree with them. In the four  
years during which I have worn the sil-  
ver pen, which is the K. W. P. A.'s  
badge, I have known of no tiniest ripple  
of jealousy and I have found the gather-  
ing enjoyable and helpful to an unusual  
degree.

There are usually three sessions of  
the K. W. P. A.—morning, afternoon and  
evening. I was unfortunately not able  
to attend during the earlier part of the  
morning, but I arrived in time to hear  
the paper on Garden Cities and the dis-  
cussion which followed. Earlier in the  
session a paper had been presented on  
forestry, discussion of which had been  
postponed owing to its kinship to the  
topic of the thought of the Garden City.  
It might be thought that people living  
on farms have little or no interest in  
these subjects, but as was clearly shown,  
the matter is one that affects us all  
wherever we live. During the year 1906  
there arrived at Ellis Island immigrants  
to the number of 1,198,434. Think of  
it! And this is nothing new. Enormous  
immigration has been going on for years.  
Silently, and with a rapidity that is stag-  
gering, our cities are being taken posses-  
sion of by masses of foreigners. They  
make our slums. They also make, or  
help make, our laws. It is this which  
should make the Garden City movement  
—"Every family in a house, every house  
in a garden" a matter of moment to  
every one of us whether we live in town  
or country. Because I believe this more  
thoroughly than ever since the meeting  
of the K. W. P. A., I mean to devote  
an entire editorial to this topic some  
time soon. Meantime I hope our read-  
ers will inform themselves and so be in  
a position to strengthen the hands of  
their representatives who make laws for  
the preservation of our forests.

The program of the afternoon session  
gave promise of great interest. Not  
only were we to hear two of the ablest  
women of the Press Association discuss  
the pro and con of government owner-  
ship of the railroads, but the governor  
of the state and one of the most promi-  
nent journalists of the country were  
billed for discussion of socialism, one  
of them to treat it as "a menace to the na-  
tional life," the other as "a bar to prog-  
ress." These are big questions, but as  
they are daily becoming of increasing  
public moment and current interest it  
was wise and right that they should be  
presented to the attention of the press  
women of the state.

Probably no one present that day  
changed her mind because of anything  
said on the question of government own-  
ership of the railways, but that we were  
all given food for thought no one could  
deny. The paper arguing for govern-  
ment ownership was a masterly presen-  
tation of theories backed by facts  
connected with various countries where  
government ownership is in operation.  
It carried me quite off my feet. But  
after the second woman's logic and legal  
acumen I somewhat recovered them. The  
question is too big to be settled in a  
hurry, but I am very glad to have had  
my interest in it stimulated and made  
more intelligent.

William Allan White disappointed us,  
but Governor Hoch gave us his views  
upon socialism and then Mrs. Annie L.  
Diggs, president of the association, was  
requested to give hers which were, as  
we all knew, directly the opposite of  
those advanced by the governor. The  
discussion which followed was most in-  
teresting and illuminating, and while  
those taking part differed vigorously  
from each other the best of feeling pre-  
vailed. One of the delightful things  
about public life for women is that it  
teaches them tolerance and respect for  
the opinions of those with whom they  
cannot agree. The women present that  
afternoon gave each other some sharp  
raps in the course of the debate, but the



**Ellwood Fence**

Not a new thing. Just the old reliable Ellwood, the plain, strong, tight,  
heavily galvanized, long-lived fence for all stock, that has been in use so  
many years.  
When strength and lasting qualities are combined with the fine appearance  
you get in Ellwood fence, you have all there is in the fence question.  
It speaks for itself. Look at the picture! Then look at some of the Ellwood  
fences of long standing around you, and talk to the owners.

**Every Rod Guaranteed**

Farmers continue to buy more and more Ellwood fence because

- it is made of toughest steel wire;
- it is made on the right principle;
- it adjusts itself in extremes of temperature;
- its heavy galvanizing prevents rusting;
- it is an all-purpose fence;
- its handsome appearance adds value to the land.

You can buy Ellwood fence from 18 to 36 inches high, meshed to turn  
the little pigs and chicks, and with the strength to hold the most un-  
ruly animal. Numerous styles, but all of the superior Ellwood  
weave. Reliable dealers everywhere can supply you with  
Ellwood fence.

Drop  
me a postal—  
say "Send me  
an Ellwood key-  
ring" and tell me  
how much fence you  
will need this year.  
I'll write you a personal  
letter about Ellwood Fence  
and send you this combination  
key-ring, screw-driver and bottle-opener.

**Frank Baackes,**  
Vice-President and General Sales Manager  
**American Steel & Wire Co.,**  
Chicago, U. S. A.

Note—  
I want  
to send  
you the  
combination  
key-ring shown  
in the corner, with  
our compliments, as  
a continual reminder  
of Ellwood Fence. We  
register your name and  
number on our books, and  
return keys, without cost, if  
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order to enable us to make fences a little faster. We have stuck to the good old way in which  
we made fence seventeen years ago and while it's not the fastest way it's absolutely the best way.  
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fence etc. you need on approval. After examining it  
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- FOR THE FARM -**



**A small child  
can open or close it**

**B**EING so simple they are very  
light and can easily be swung  
either way.

The ROLLED STEEL TUBING FRAME  
makes them strong; not gas pipe or com-  
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The IOWA gate is made to last—no  
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even the wires have galvanized stretch-  
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CHEAPER THAN WOOD. So write  
today for our low prices.

**IOWA GATE CO. 9TH ST.  
CEDAR FALLS, IOWA**

debate over, the utmost harmony pre-  
vailed. I am free to confess that I was  
proud of my sex and sorry that press  
of duties prevented the governor re-  
maining for the discussion.

Usually men are not invited to any  
session of the K. W. P. A. This year  
an exception was made. Not only were  
men on the afternoon program, but a  
few men were honored with an invita-  
tion to the banquet in the evening. This  
banquet which is the social feature of  
the gathering is always enjoyable. This  
year it was unusually so. The women  
looked charming in their pretty evening  
frocks, the tables were bright with  
shaded candles and fragrant with flowers.  
The menu was both dainty and satisfy-  
ing and the speeches were all such  
speeches should be. I had a fit of trem-  
bling when my turn came, but if Home

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Heavily galvanized.

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Handsome, easy to build, always  
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tion and test. Write for fence book of 133  
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Styles Lawn Fence. Cata-  
logue C. One or both free.  
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Department friends could have heard the  
compliments showered upon me as we  
left the dining room they would, I think,  
feel that I had not altogether dishon-  
ored them.

**HOME AND HOMEMAKING.**

**LITTLE HELPS BY THE WAY.**

If words  
Were birds  
And swiftly flew



From tips  
Of lips  
Owned, dear, by you;  
Would they  
Today  
Be hawks or crows;  
Or blue  
And true  
And sweet? Who knows?

Let's play  
To-day—  
We choose the best;  
Birds blue  
And true  
With dove-like breast!  
'Tis queer,  
My dear,  
We never knew  
That words  
Like birds  
Had wings and flew!

#### AMERICAN WIVES.

It is said the English women have carefully studied the attitude of American men toward their wives, and they had to acknowledge they were the most chivalrous men on earth, though they say it with a "Will it last?" and a doubtful smile. It will last! We do not have any rules in our country which says, "A woman, a dog, and a walnut tree, the more you whip them the better they'll be." American mothers are raising American sons to make good husbands, and there is, more courtesy, kindness and gallantry among American men than people fully realize or appreciate.

#### MONUMENTAL.

Many years ago Josiah N. settled on a farm in Connecticut near the sound. After the death of his wife he erected a square white marble tombstone, on which was inscribed: "Amelia, wife of"

Not long afterward he married again, but his second wife did not long survive, and to save expense he divided the original stone and the slab recorded the name of "Harriet, the second wife of"

And yet again did he take unto himself a wife who lived but a few years and was laid away with the others. And yet again was Amelia relieved of some of the weight of marble that pressed the sod above her, to make a tablet for "Sarah, third beloved wife."

Not long afterward he proposed to a dress-

maker who had been accustomed to fashion garments at his house during his three domestic dynasties. She requested a little time to consider. A week later when he called for her answer, she said:  
"Well, I guess I'll hev to decline, Josiah, for I've been up to the cemetery and there ain't one of them stones thet'll split."—Boston Herald.

#### FOR CHAPPED HANDS.

With the chilly winds and frosty air come the chapped and red hands which every woman dislikes, but she will have them unless the proper precaution is taken. Careful washing in tepid water is far better than cold, a soap free from alkali, thorough rinsing and above all perfect drying. If you have occasion to wash the hands many times during the day, have in a convenient spot a bottle containing this lotion: Honey, one-half ounce; lemon juice, one ounce; rose water, one ounce; rub it well into the hands. It will prevent that grimy look which is sure to follow this constant being in water.

If you are willing to go to the trouble and endure the disagreeable feeling of gloves, for the sake of the improvement it will make in your hands, the following you will find most excellent for softening and whitening and I think well worth the discomfort: Myrrh, one ounce; honey, four ounces; yellow wax, two ounces; rosewater, six ounces; melt the wax in a double boiler over a slow fire, add the myrrh, which should be powdered, while the wax is hot, beat thoroughly, then stir in the rosewater and honey, then add glycerine little by little to make a soft paste. Spread this mixture on the hands then draw on a pair of loose white cotton gloves, with the tips of the fingers cut off, and a small air space made in the palms.

#### FOR A COLD—FLAXSEED LEMONADE.

Pick over and wash one tablespoonful of whole flaxseed, add one pint of boiling water, and cook, covered, for two hours in a double boiler or in an enameled pan placed on an asbestos mat. Keep just below the boiling point. Strain, add the juice of one large lemon or two small ones and from four to six teaspoonfuls of sugar. Heat as required.

#### TESTED RECIPES.

Stuffed Mutton—Wipe a shoulder of mutton and remove blade. Fill space thus made with stuffing and skewer meat into shape. Sprinkle with salt, dredge with flour, and put on rack in dripping pan. Roast in a hot oven, allowing fifteen minutes to the pound, basting every twelve minutes. It may be necessary to put a small quantity of water in pan during the cooking. Serve with currant jelly.

#### CARROTS CREAMED.

Scrape and boil one dozen carrots until tender. Drain off the water and season with one cupful sweet milk or cream, a lump of butter the size of an egg, one teaspoonful sugar, a little salt and flour to thicken the whole.

Corn Meal Mush—First place the kettle over the fire, drop in a small piece of butter, turning the kettle so the bottom is well greased, which almost prevents its sticking. Then put in about three pints of half milk and half water; also one tablespoon sugar and one of salt. When boiling, add corn meal slowly with one hand, stirring constantly with the other. When rather thick set back on the stove and cook about three hours, stirring occasionally to prevent burning. When ready to take up add one teaspoon of baking powder and beat thoroughly. Pour into a dish to cool. Slice, dip each piece in flour and fry in hot lard or butter until brown.

Potatoes Cakes—Take a tablespoonful of butter, three of water and one cupful of maple sugar; boil until it is ready to candy, and then add three quarts of nicely-popped corn. Stir briskly until the mixture is evenly distributed over the corn. Keep up the stirring until it cools, when each kernel will be separately coated. Close and undivided attention may be necessary to the success of this kind of candy. Nuts are delicious prepared by this method.

#### AMONG OURSELVES.

There are those who think that all the people of this great continent should rally under one flag. Perhaps they will some day, but if ever they do it will probably be found that the incoming and outgoing of Canadians who settle here, and of Americans who settle in Canada has had no little to do with bringing about the change. This thought is suggested by the presence with us today of Mrs. G. A. Dodge, who belongs to the army of Americans who have taken up land in the Canadian Northwest.

Several months ago an invitation was extended to Canadian sisters of Among Ourselves to write something in regard to life and conditions in Saskatchewan. I have watched the Home Department pages with a good deal of interest since, but so far no response from this "north country." My residence in Saskatchewan only dates from last April and opportunities for investigating have been limited. This is an ideal farming country, all the small grains yielding abundantly; vegetables of all kinds also grow with very little care, and are of the finest quality. But there are so many acres that have not been cultivated that in the summer-time the prairie looks like one vast ocean of—well, yellow daisies; above all other colors yellow predominates. It must be the favorite color of nature, and, come to think of it, what a variety of plants there are in the list and what variety and range of beauty there is in its shade! The days in summer are long, the longest about eighteen hours; the sun pours down over the shadeless level with a hot, burning power, but its oppressiveness is broken by a cool breeze, and the nights are always quite cool. The mirage is to be seen here nearly every day; it cuts some fantastic capers, turns the bachelor's shack into a palace, a straw stack into a castle and creates towns on the prairie quicker than the wildest dreams of the most ambitious land syndicate. I have



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been told to see the mirage in the morning denotes fair weather and at evening, storms. The atmosphere is so pure that distant objects appear near and the horizon unbounded far away, the sky line often undistinguishable. I took a little trip in the early fall to what the people living here call "The Bad Lands." It is a great gorge, a lost river bed. As I stood on the height and looked away to the right and left as far as the eye could see, I could not think of anything to compare it to but the gorge of the Niagara River perfectly dry and treeless. In the valley are rocks of all descriptions, from huge boulders to tiny specimens, presenting every variety of form and color; and charred and petrified wood and curious formations. I am sure in the ages gone this has been a great river with trees growing near, while now it is a treeless and nearly waterless plain. I must not give the impression, however, that trees will not grow on these prairies, because they will; but for best results in tree planting the land should be cultivated three or four years to get the ground properly settled. The system of cultivating trees is somewhat different than in countries where there is more moisture, but that is another story. There is a beautiful park at Regina, the capital city of this province, also at the experimental farm at Indian Head. They have every variety of trees, shrubs and hardy flowers that grow in the northern states. The farm is laid out with beautiful drives, avenues and shady lanes, and is to be the home of the agricultural college of Saskatchewan some time in the near future. I am well pleased with leisure for reading and sewing; none of the hurry and worry and noise that goes with stock farming in the states. Winter sets in here about the 20th of November with a drizzling rain. Farmers were still plowing when the wind whirled around to the north, a sudden drop in temperature and a terrible snow storm which called to mind the lines of Whittier, "He comes, he comes, the frost spirit comes from the frozen Sabidor," so winter came on with a rush and it has been real wintry weather ever since.

What matter how the night behaved? What matter how the north wind raved? Blow high, blow low, not all its snow Could quench our hearth-fire's ruddy glow. The bunch of yellow daisies which

Mrs. Dodge very kindly sent me I wish the friends might see. It would perhaps enable them to picture the prairie carpeted as she describes it, in every shade of glowing yellow. It must surely be a gorgeous sight to see. Just hearing about it from one who has such gifts as our friend is quite worth while.

Mrs. Dodge speaks of leisure for reading. Nebraska is given over to stock farming, but Mrs. Custer County finds time, not only to read, but to come and tell us about her reading:

Mark Twain's Connecticut Yankee in King Arthur's Court I enjoyed very much. He gives such unique ideas about the customs of those days and his description of wearing an armor is worth the price of the book. If you wish to become better acquainted with the leading personages of the world read "Great Books as Life Teachers," by Hillis. "A Woman Tenderfoot," by Seton Thompson, will be greatly enjoyed by anyone loving an out-door life. "Montezuma," by Seelye, is a concise and interesting description of the conquering of Old Mexico, but does not contain the full research that the "Conquest of Mexico," by Prescott, does. Every farmer and his wife should read "The Woman Who Toils," by Van Vorst. The two women who wrote the book are gentlewomen who disguised themselves in order to work in the mills and factories of the United States, which they did for a year, to learn existing conditions. "The Missionary Sheriff," by Octave Thanet, is fine. I do not care much for fiction, but enjoyed "Fenwick's Career," by Mrs. Ward; "The Virginian," by Wister; "Jan Vedder's Wife," by Mrs. Barr, and "Rockhaven." Would like to suggest a book review in which each person should send in a description (of not more than 100 words) of a book which interested them.

That is a capital suggestion of Mrs. Custer County. Do take it up, friends, and let us have a "book review" day. The sooner the better. Some of the books mentioned are known to me as very good indeed. It would be nice if

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we could hear something of them. I move that Mrs. Custer County herself talk about "Fenwick's Career," which is one of the three great novels of last year.

Missouri Mother will act as spokeswoman for those who come in reply to the question propounded by "A Young Wife" a few weeks ago:

I think as "Young Wife" gets older she will not wonder at the sisters' views of human life so much. When she has been a wife for thirty years she will feel differently for instance, about women like Cousin Hardmaster's wife. Does she think that Young Wife's home is what that wife makes it? There are plenty of men who never show their real character to a woman until after marriage. If a man is bad at heart, then the wife has to suffer. Heaven help all such, is my prayer. Some wives do their very best to make home happy, raise their children as they ought and are still miserable, dragged down by hard work or by one who drinks or one who is jealous, some one way, some another. Happy is the wife of a good husband.

None of the men undertook to answer Young Wife's question. I wish some of them had. Perhaps they will yet. We will hope so, as it is a matter on which the opinion of men ought to be heard before coming to a decision.

Cousin Hardmaster created quite a ripple on his first appearance, but his second produced a storm which has not yet subsided. Both men and women in considerable numbers have been moved to speech. We cannot hear all; some are too excited to speak coherently, anyhow, but we shall give the privilege of the floor to Mrs. S. E. O. and then to Mr. Edson:

I beg pardon for coming so soon again, but my only excuse is the drawing qualities of our Home Department. After reading Cousin Hardmaster's second letter I said to myself, "What ails him and his kin, anyway?" They must have been born a century or so behind time. When our country was new, and homes had to be made from the raw material with the rudest kind of tools to do it with, there could not be much attention given to the children's education. Perhaps three or four months in the winter for the boys, but times have changed. With school houses convenient to all, and well-improved farms, taking the place of prairies and forests, there is but little excuse for

ignorance in the growing generation. Cousin Hardmaster speaks of the younger children properly hating to go to school, preferring to stay out and pay their indebtedness to their pa. Who owes the greatest debt, the parents or children? They are brought into the world through no fault of theirs. How, then, shall we equip them for life? Make them believe that if they know as much as their pa that is plenty? Of course not. If any of us were prevented getting a college education, let us make the best of it, and see to it that our children shall have one. Teach them that it is the trained and developed brain that counts. That is their stock in trade, which will be of more value to them than money or anything else, and if we deprive them of this, nothing can make it up to them. I will just say I have quite an admiration for Bill's wife and daughter, Ann, and I do not consider the girl at all in debt to her father for her education.

Cousin Hardmaster, you can surely expect nothing but a storm of contempt in this department. The father or mother who would deny their children the opportunity of a good education, where circumstances will permit, is no better than a brute in my estimation. I think boys should be taught to work when it is necessary between school hours, and girls should learn to do all kinds of housework. They may bring in small bundles of securities for their parents, but I do not believe in making slaves of the boys and girls.

Sometimes people are misunderstood; possibly Mrs. S. E. O. and Mr. Edson are too hard upon Cousin Hardmaster. Pussy Willow and Justice Sincere put a different interpretation upon his remarks:

Do any of the friends "Among Ourselves" ever read Dickens? And do you remember Jerry Cruncher in "Tale of Two Cities," with his wrathful antipathy to seeing his wife "dop"? Now, this isn't a book talk at all, but a Hardmaster talk. When Cousin Hardmaster's first letter came to us my indignation knew no bounds. I read the dreadful epistle to "The Only Man" and then "orated" upon it at length. "Think of that poor little woman with a young babe in arms eating her heart out in her desire to be some help to her husband, and he—Hardmaster in all truth—hasn't mental capacity to estimate her worth to him—even if she does not do one single thing but hear and nourish his children." It is impossible to say how much more I would have said had I not discovered "The Only Man" laughing; whereupon I ceased to speak and courted meditation. And so in due time I arrived at peculiar conclusions concerning Cousin Hardmaster. I do not believe he is near so closely related to Jerry Cruncher as he would have us believe. Cousin Hardmaster, I challenge you to deny that you are a make believe—a fraud, so to speak. I warrant that you and your wife, if you have one, have taken great pleasure in writing the letters for the stirring up of the Home Department. Maybe I am wrong, but if so may the Hardmaster tribe decrease—and rapidly. Such men as "Cousin Bill" may exist, but they merit and receive not only contempt of outsiders, but what is worse, the contempt of those a loving Father has given them to protect and cherish, and they must certainly give an account of their stewardship. "Sweet Humility" or "Womanly Pride," both minus an eighty acres of good corn land, are worthy as wives and mothers all the tender chivalry bestowed upon them in the days of courtship.

I seem to see behind the curtain of the one signing himself "Cousin Hardmaster." He does not tell us what he thinks, but just cites his observation, which shows the baser side of human nature, just how narrow some human beings actually are to whom their gain and greed of the silver dollar means the loss of everything else that makes life worth the effort put forth. I believe it should be every parent's desire in life to give their children the best they can, and their special privilege and pride to give them an education. If they are the parents they ought to be their pay will come in fast enough. A great deal depends on the kind of seed sown as to what the harvest will be. It may come in dollars and cents, if money happens to be needed, or perhaps in seeing them grow up honorable men and women, of whom their country may be justly proud. Much heartache and strife could be prevented if parents only would agree on the discipline or welfare of their children. I think this was a case where the wife was willing to be led as long as it affected only herself or there was any justice, but to see their children's nature warped and shrunken, or see them driven like cattle—never! And aren't such things as these enough to arouse the righteous wrath of almost anyone, no matter how meek they may have been? No doubt Bill will reap as good as he has sown, which is all he deserves, isn't it?

All this is very interesting. I wonder would we find out the truth about Cousin Hardmaster if we could have watched him during the remarks we have just heard. How would it be if we were to invite him to come again? Perhaps another time he might be less enigmatical.

Sunny Jim's Wife comes in reply to June Bug. I advise the young women to listen well to what she has to say:

Following "June Bug's" letter you ask the question, "Is ten years too much difference between the ages of husband and wife?" It altogether depends on circumstances. If a girl loves a man ten, or even twenty years her senior, she should marry him, in my judgment. The average man has not money or sense enough to take care of a woman until he is about thirty years old; and as most girls wed at from sixteen to twenty years old they would have to marry men ten or fifteen years their senior in order to get a man able to take proper care of them. My advice to my daughters and all other girls is, "Be sure that you really love the man you are to wed. Love is the first and

# Moline Wagon Tires

are set  
**RED HOT**  
Most Others  
Are Set Cold

## Hot Set Tires Hold Moline Wheels in the Firm Grip of Steel

WE set Moline tires Red Hot in the good old way of the wheelwright. It costs more to do it, but it pays in wheel durability.

The "latest thing" in wagon making is the "cold tire-upsetter."

This "modern" method is in almost universal use. It's much quicker and cheaper.

Incidentally it ruins the wheels. Did you ever see a "tire-upsetter" work?

The cold tire is placed around the rim and a powerful pressure applied that must be sufficient to spring the wheel to a point where it shows twice the dish wanted in the finished wheel. This is necessary because there is a come-back with this device and method of setting tires. What's the result?

Such a wheel looks all right, but it's really all wrong. There isn't a perfect joint in the wheel. The bad effects of such rough usage will manifest themselves in time by loosening of spokes in hub, loosening of tire and a general breakdown of the wheel, the most important part of a wagon.

We like the honest old way best.

How We Set Moline Tires Hot

We have simply improved on the old-time wheelwright's way.

After a Moline wheel is thoroughly dried from its bath of hot linseed oil, it goes to the tire setter. He fits a

tire to each wheel by actual and accurate measurement.

After being welded, the tire is uniformly heated in a furnace. Next he slips it over the wheel. Then he trues it up on the wheel plane and immerses it in water that is not too cold.

The tire gradually contracts, bringing the wheel to a proper dish without straining its parts.

The man who does this work in the Moline Works has been doing the same thing for over 20 years.

That's his picture up at the top.

It's warm work, but he enjoys it. He is the most expert tire setter in the United States.

### Added Durability of Hot Set Tires

There's from ten to fifteen years more durability in a wheel with a tire set hot than in a wheel with a cold-set tire.

The reason the better class of wagon dealers sell the Moline Ironclad is that they KNOW it is "built on honor"—that every one they sell builds up their reputation for reliability.

### Our Free Book

### "How the Moline is Made Ironclad"

tells other reasons why the Moline is the best wagon for the dealer to sell and for you to buy.

MOLINE WAGON COMPANY, Moline, Illinois

## 5 to 18 More Bushels of Corn to Every Acre



Sorts Seed Corn so Planter Drops Same Number EVERY TIME

When you set your corn planter to drop three kernels you want it to drop three, not two, four, five or any other number but three every time.

Why?

Because you know that the amount of ground that you allow for each hill will nourish that number of kernels and give the best possible results.

A uniform stand can only be secured by having good seed, hills the right distance apart and the right number of kernels in every hill every time.

If some of the hills have too many kernels the result is too many stalks for the ground to properly nourish; therefore stunted stalks and stunted corn. If there are too few kernels in some of the hills the stalks will bear good ears but you lose the yield of the missing stalks.

And all because your planter does not drop the same number of kernels in every hill. Don't blame the planter.

Planter plates are made to fit kernels of uniform size and if they are, any good planter will drop the number it is set for every time.

Seems a little thing doesn't it, but it means from five to eighteen more bushels of corn to every acre.

Worth considering, isn't it?

### THE MORECORN SORTER

sorts seed corn for length, width and thickness. One thirty-second of an inch makes a difference to this wonderful machine.

If your planter is set to drop three kernels it will drop three, 100 times out of every 100. If the Morecorn Sorter will increase your corn yield only five bushels per acre, isn't it worthy of your investigation?

Your increase in yield will pay for the sorter twice over, the first year. Many farmers make considerable extra money by sorting their neighbors' corn.

But—send for the literature today.

The Monarch Self Feeder Co.  
95 Main St. Cedar Falls, Iowa

## 15 PREMIUMS FREE! READ OUR OFFER.



Cut this out and mail to us, naming your express office, and we will ship you two Boxes consisting of 50 of our Choice Brands 10 cent Cigars, C. O. D. \$5.95, and in same package will ship you Absolutely Free, One Automatic Double Action S. & W. Model Revolver, One Genuine Stem Set and Stem Wind Watch fitted with American Movement, warranted One Year, One Full Hollow Ground Razor worth \$2.50, Six Triple Silver-plated Tea Spoons, One Rolled Gold Watch Chain, One Gold Plated Watch Chain, One Tie Holder, One Collar Button, Two Sleeve Buttons. Fifteen Presents Free, if you allow us to send you in same package the Two Boxes Cigars C. O. D. \$5.95 and allow Full Examination to your nearest Express Office. Send No Money. If you don't think Cigars and Fifteen Premiums worth three times the amount, don't pay one cent. We take all the risk. Order now! Address, CANDOR SALES CO., Candor, North Carolina.

main thing to be considered." But, girls, remember that you can't live on love alone. Therefore, if you are wise you will get a man who has enough of this world's goods to keep you from being a slave to poverty. You cannot judge much of a man's character or of his ability to support a family until he is thirty years old. It sounds more poetic to a young, thoughtless girl to speak of "love in a cottage" than it does to a woman who has had experience in rearing a family on cornbread and ignorance.

Sunny Jim's Wife has more to say, but our time is up, so she will finish her talk at next meeting.

### Dressmaking and Millinery, No. 556.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] Among the advance suggestions for spring fashions trimmings are given a very prominent place, and while these are along the same lines with which we have been familiar throughout the past season, there will be some digressions. Velvet ribbon will be much used on waists and skirts, but while fashion has heretofore favored the use of this in the color of the material on which it was applied, the favor for black on a color is growing, and we find it employed now on both the deep and the paler tints. For red there is no more effective trimming,

## POSITIONS

485 young men and women, ages 18 to 35, ARE WANTED to do office work in their own or other States. Experience NOT necessary if training is taken. GOOD SALARIES. Write H. CO., Drawer 177, Nashville, Tenn.

**CASH SALARY** and all expenses to men with rig to introduce our Guaranteed Poultry and Stock Remedies. Send for contract; we mean business and furnish best references. G. R. BIGLER CO., 1829, Springfield, Ill.

**AGENTS PORTRAITS 85c, FRAMES 15c**, sheet pictures 1c, stereoscopes 25c, views 1c. 30 days credit. Samples & Catalog Free. Consolidated Portrait Co., 290-126 W. Adams St., Chicago.

**LADIES** to work on piecework \$3 per dozen. All materials furnished; no canvassing; steady work. Stamped envelope. Best Mfg. Co., Champlain Bldg., Chicago, Ill.

and we have seen it used to quite an extent the past season. We will also see much of it on the deep pink that will be one of the prevailing colors, and its effect on this color is very pleasing. Another trimming feature that has marked the winter modes and that will find increased favor in the early spring is the use of buttons, and these are still to be to a great extent of the covered variety. The dealers are getting ready to supply the probable demand by putting in stock silk buttons that match or harmonize with the choice fabrics in their stocks. Fancy buttons will still be used, among these being carved wood buttons.



Perhaps the prices of the latter may put them beyond the reach of many of us. Embroidery done on the material will be very much in vogue, and it is not too early for those of us who like to do this work for ourselves to set about it. But lacking the time or the inclination for this we may find motifs and appliques ready to be put upon the garment, and by looking over the spring stocks we may find the required suggestions that are easy to copy or imitate fairly well. The designs shown with this number are



[5521 Fancy Pleated Waist, 32 to 40 Bust.]

typical of many of the spring modes, as seen in the advance showings already on display. Before passing to a description of these designs let me again call your attention to this—that they are two separate patterns, as you will note by the numbers. They may be used together in making up a costume, and they combine thus very attractively, but also they may be used separately, the waist making a charming separate waist of any chosen material, or the skirt may be made of something entirely different from the fabric used for the waist. No. 5521 is a fancy pleated waist in quite

a novel design. It is made over a fitted lining on which the chemisette is faced at front and back, but if one prefers to omit the lining these portions may be arranged to be joined to the waist at its overlapping edges. The tucks at the back extend full length of the waist, but those at the front terminate at yoke depth. The over portions consist of three straps at each side that overlap one another, giving a pleated effect, these being arranged over the waist meeting at the back. The novel sleeves conform in style, and may be cut full length, retaining the mode of finish as shown. The belt con-



[5520 Fancy Pleated Skirt, 22 to 30 Waist.]

sists of the foundation and turn-over portions joined together. No. 5521 is cut in sizes for 32, 34, 36, 38 and 40 inch bust measure.

In the skirt No. 5520 the same arrangement of pleats and applied strappings is followed, these straps being graduated in length. It is a nine-gored pleated skirt, cut in sweep length, but perforated for walking length. Stitching and buttons provide the trimming for both garments. No. 5520 is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

First Quarter. Lesson VII. Genesis xiii, 1-13. February 17, 1907.

#### Lot's Choice.

Abram probably followed the great desert highway which still exists between the East and Damascus, the very same, probably, that his grandson Jacob took in his flight from his angry brother. To all outward appearances, Abram's company probably exactly resembled the caravan which the traveler in the East sees today. There were the camels, "ships of the desert," bearing their precious freight of women and children, besides provisions and merchandise. There were the flocks and herds and their attendants, besides the armed guard. The oak or oak grove of Moreh

in Sichem is the first-mentioned camping-place of the patriarch within the bounds of the promised land. Abram's first recorded act is significant. Columbus, standing on the shore of the New World, unfurled the standard of Ferdinand. Abram, coming into Canaan, built an altar to God. So it became his custom. "Where Abraham had a tent, God had an altar." These became a series of "sermons in stone" to the idol-worshipping Canaanites.

The first mention made of Abraham on his return from his enforced sojourn in Egypt is concerning his wealth. The statement of the artless narrative is simply, "Abraham was very rich in cattle, in silver, and in gold." God's promises of temporal blessings had an early fulfillment. Kittó's computations are curious rather than reliable. On the data of the possessions of Jacob and Job he estimates Abraham as having between eight and nine thousand head. Of course, such immense herds and flocks would imply a correspondingly large number of attendants. From the incident of the equipment of three hundred and eighteen men for war it may be figured that there were something over a thousand men in the camp, not to mention women and children.

Up to this time Abraham and Lot had shared the pleasures and hardships of their pilgrim life. But now the herds of both had increased "so that the land was not able to bear them that they might dwell together." So, as sometimes occurs to this day, the herdsmen became rivals, and strove for pasture and water. In this incident Abraham's character shines resplendent. Two thousand years before Christ he showed the Christian spirit when he said to Lot, "Let there be no strife between me and thee and between my herdsmen and thy herdsmen; for we be brethren." Nor are these mere words. Abraham backs them up. He waives his right. The land was his. It was all his. Yet in noble magnanimity he said to Lot: "Is not the whole land before thee? Separate thyself, I pray thee, from me. If thou wilt take the left hand, then I will go to the right; or if thou depart to the right hand, then I will go to the left."

# Increase Your Corn Crop

THIS BOOK FREE

Will You  
Write Me a  
Postal for a 50c  
Corn Book?

Do it NOW—while they last.

The book is from the pen of Professor A. D. Shamel of the Illinois Experiment Station—recognized everywhere as "the man who knows"—about corn. It's full of photographic illustrations, and explains fully about selection—modern corn breeding and cultural methods. The American Corn Expert, Professor Holden, demonstrates his Seed-Testing Machine on page 17 of this book. The book should be in the hands of every up-to-date corn-raising farmer—it will help him double his corn crop.

All I ask you for this 50c Book

is that you will give, on a postal, the names and addresses of three of your farmer neighbors whom you understand will be in the market for a riding plow this season. It will take only a few minutes of your time, and a postal, and I will send you the book prepaid by return mail.

See that little girl lift her father with one foot?

He weighs 196 lbs., and she is only 6 years old—yet she can lift him with only one foot.

WHY—and what does the "WHY" mean to you? Simply this—it means that the Emerson Foot Lift Plows are the easiest handled in the field of any plow made.—FOOT-CONTROL ALWAYS—in or out of the hardest soil. Manage the Plow with your Feet—your Horses with your Hands.

The name EMERSON means easiest to handle—lightest draft—and most durable.

Every EMERSON Gang Plow is equipped with 2000-mile magazine box and axle. When you buy an EMERSON you buy for a lifetime, not for a few years, because an EMERSON will last as long as you live. I will send you, FREE, our Implement Literature, and the Corn Book if you act promptly and write the postal TODAY. I gave away 100,000 of these books—then the supply ran out. They went like wildfire. I've only a limited number this year, so don't wait till they're all gone.

Putting off may mean I won't have a single copy to send to you.

Write TODAY—Now—while you think of it.

S. H. Emerson,  
Emerson Mfg. Co.  
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Ill.



## LIFELONG CURES BY A TRUE SPECIALIST



J. BOYD, M. D.

Dr. Boyd's Pelvic methods are your greatest hope for a complete cure, if you are afflicted with either BLOOD POISON, SKIN DISEASES, SORES, ULCERS, STRICTURE, VARICOCELE, HYDROCELE, NERVOUS DECLINE, PILES, FISTULA or any affection of the Kidneys, Bladder and Prostate. You are wasting money and endangering your health in treating with ordinary specialists. My systems of treatment have established their reliability by permanently curing cases that had been unsuccessfully treated by dozens of other physicians.

A SAFE CURE is what I will give you beyond doubt if your case is curable; if not, I will not accept your money and promise to do anything for you. The best reference I could give as to professional reliability is the many cured, satisfied patients I dismiss, and proves that my Pelvic Methods cure when others fail to even benefit.

Guarantee to Refund Money—No Chance to Lose if You Do Not Get Value Received.—My patients receive a written agreement that I shall return what they pay me for services if they do not receive a complete, permanent and satisfactory cure, and my guarantees are secured by a deposit of \$500 in the Century Savings Bank of Des Moines, Iowa. Consultation Free, Confidential and Invited, both at my office and by correspondence. My charges are reasonable, and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, 9 a. m. to 6 p. m. Sundays, 10 to 1. Address or call on

J. BOYD, M. D., 505 Locust Street, Marquardt Block, Corner Fifth and Locust Streets, DES MOINES, IOWA

Lot's selfishness crops out. He took advantage of Abraham's generosity. He cast his eye on the well-watered plain of Jordan, and chose it. He journeyed east. It was not long before he exchanged pastoral life for urban. He attempted the impossible. A double service—God and riches—met the inveterate and historic outcome.

Another incident in the career of Lot is the occasion of the display of new traits in the admirable character of Abraham: decision, bravery, military skill. Lot is in trouble. The very wealth he coveted and the richness of the land he chose was the cause of it. A rumor brings tidings of a predatory incursion and of Lot's captivity. Abraham determines his course instantly. Lot must be rescued. Three companies of trained servants, born in his camp, are armed; and Abraham takes command in person. Strategy gains a victory. Generosity declines the spoils.

#### Analysis and Key.

1. Abraham's, a caravan extraordinary. Route and appearance. Significance of first act. An altar on arrival.
2. Abraham's wealth. Estimates.
3. Abraham and Lot. Relations. Effect of increased clans and herds.
4. Abraham's magnanimity and generosity. How shown.
5. Lot's selfishness. How shown.
6. Lot's danger. Abraham's rescue.

#### The Teacher's Lantern.

Biography composes a large part of Scripture. God's Book has a deal by man in it. It is well it is so. Men of the Bible stand for ideas: Abel, innocence; Noah, obedience; Jacob, persistence;

Moses, law; Aaron, worship; Joshua, courage; David, praise; Solomon, wisdom; Jeremiah, patriotism; Paul, zeal; John, love. Thus God teaches by example. Example is better than precept.

Want a boy to love his country, give him the life of a patriot; to be successful in business, give him the life of one of the "Captains of Industry." So God deals with His larger children: gives us examples. Good for imitation, bad for avoidance.

So, in studying Bible characters we are not to entertain ourselves with trivial incident, but find what they stand for, the virtue or the vice they incarnate.

Biography of the Bible reaches its highest note in the life of Jesus. Christianity, in final analysis, is the religion of a Person; not of a dogma, creed, or system of theology or ecclesiasticism. At heart of it is the Person. Truth is so shrouded in Him that He could say, "I am Truth."

There is one little passage in the account of Abram's entrance to the promised land. It might escape the superficial reader, but is worthy of attention. "And the Canaanite was then in the land." The patriarch came into the land the Lord had indicated to him, only to find it preoccupied. He might have reasoned, "How can I ever, with my paltry band, drive out these warlike nations?" The incident seems not to have given him any concern. Fact is, he was not reasoning. He was trusting.

Again there was something besides Canaanites. "There was a famine." What, in the land which was to flow in milk and honey! Abraham did not fret. He did the wise thing. He went to Egypt on a visit.

## Try this Harrow FREE

RETURN AT OUR EXPENSE  
IF IT DOESN'T PLEASE YOU.

Here is a harrow that looks very different from the old pike or spring toothed harrow.

It is different. Every point of difference is a point of big improvement. It is as much better than the old fashioned harrow as a modern plow is better than the Indians' crooked stick.

ACME



Sizes  
3 to  
17 ft.

The coulters or teeth of the "Acme" work as a gang plow. They turn over the pulverized ground and give the crop all the soil's benefit. Farmers will tell you that bigger crops grow after an Acme harrowing.

FREE BOOK for your Farm Library.  
Write us today and we'll send you free, a valuable booklet, "A Perfect Seed Bed." It means money to you.

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Box 44, Millington, N. J.



# \$1.50 FOR 100 SQUARE FEET STEEL ROOFING



**Over a Million Square Feet at One-Third Reduction. Buy Your Roofing and Building Covering Direct from Us. We Save You Big Money**

Our Steel Roofing is cheapest in price of all steel roofings. It is the most economical in the long run. It is the most durable. It withstands the elements better than any other kind. It is superior in every respect. Stronger, lasts longer, does not become soft in hot weather. Does not crack, dry or rot. Withstands winter storms. Does not soak up. Drains your roof perfectly. Makes it fire proof, lightning proof, water proof. Much cheaper than shingles. Lasts three times as long. Away ahead of slate. Does not break or crack. No tar or patented compounds. It is the ideal roof covering. Prepared roofings are expensive and not satisfactory. Steel roofing does not taint rain water. Makes your building cooler in summer and warmer in winter. Thousands of squares sold every month. Farmers everywhere using it for covering houses, barns, outbuildings of all kinds, storm sheds, poultry houses, hog sheds, etc. Just the thing for elevator siding, stores, churches and buildings of every sort. Easily laid. No special tools required. Hammer and nails, that's all. Absolutely new, fresh from our factory. All ready to put on when received. Can be laid over old roofs.

## ADVERTISING NOTES.

The Northern Iowa Land Company, of Independence, Iowa, advertise on page 25 a number of farms in Iowa, Missouri, Kansas, Minnesota, Wisconsin, which they have to rent.

Messrs. Nielander & Co., of Lansing, Iowa, have a 240-acre farm they will sell at the price named in their advertisement which appears on page 25. They consider this a rare bargain.

The Homestead wishes to call the attention of those of its readers interested in buying a farm at a bargain, to the advertisement of Mr. J. C. Dempster, of 1511 Center St., Des Moines, Iowa, which appears on page 24 of this issue.

Mr. Theodore Kerndt, of Lansing, Iowa, has a 360-acre farm located four miles from the city, on which there is good improvements and which he will sell at a snap. The advertisement giving price appears on page 25 of this issue.

We desire to call attention to the advertisement of Mr. J. F. Dayton, nurseryman of Waukon, Iowa, appearing on page 13 of this issue. Mr. Dayton is well known to our readers, having been for twenty-seven years engaged in selling nursery stock directly to customers, saving them agents' commissions. Write for his price list, it's free.

We desire to call the attention of our readers to the new advertisement appearing on page 14 of this issue, of the Smith-Rauch Grain & Seed Co., of Lsmont, Iowa. They are offering 1906 home-grown, re-cleaned Prime Medium red clover, Prime German millet and Prime timothy seeds for sale at prices which will prove attractive to those of our readers who wish to purchase any of these seeds.

An advertisement of interest to our farmer readers who are wanting to buy a farm either in Minnesota, South Dakota, North Dakota or Canada, appears on page 25 of this issue. Messrs. Gilliland Bros., of 354 Temple Court, Minneapolis, Minn., can sell farms in any of the above states for either cash or on the crop payment plan. They can also furnish information to those of our readers who are thinking of buying land, as to how they can get a free ticket to see it. For further information, read the advertisement.

The advertisement of the Delany Seed Corn Sorter appears on page 13 of this issue of The Homestead. Mr. J. F. Delany, of Kalona, Ill., has issued a free seed corn booklet showing their line of sorters, and the advertisement gives further particulars in regard to it. The illustration published herewith gives a correct idea of this sorter. Mr. H. J. Rompf, of Goldfield, Iowa, writes: "I am well pleased with the Delany Seed Corn Sorter. I used the No. 2 last year and it is the first time I ever had a perfect stand of corn with an edge drop planter. My corn will run over sixty bushels to the acre. I would advise every farmer to buy one."

## NAVY DEPARTMENT ADVERTISEMENT.

On page 3 will be found the advertisement of the navy department calling for healthy young men to join the navy. Any young man can obtain all the information wanted by simply addressing a letter to any one of the addresses given in the advertisement. Life in the navy nowadays is an education. A man can learn a trade at no cost to himself and all the time he is learning it he is receiving good pay with no expenses for food, lodging or medicines. A goodly number of young men have been enlisted this winter and they are almost unanimous in their replies to the inquiries as to how they like it. They say, "It's simply fine! Makes a man out of you whether you want to be one or not. Any man who goes

in with the idea of behaving himself will find that it is one of the best places in the world."

## GOOD LAND CHEAP.

To those who would like to own a home or buy land for speculation in the Panhandle of Texas the advertisement of Messrs. Boyer & Peterson, of Kansas City, Mo., on page 24 of this issue, will be interesting. This firm have some splendid land in Swisher county, Texas, that they are offering at very low prices. Swisher county is in the "shallow water" district and this is a big advantage. Read this firm's announcement and write them. They are reliable.

## A BIG SALE OF PANHANDLE LANDS.

Messrs. J. C. Mehan & Co., 328-29-30 Utica Building, Des Moines, Iowa, have at last put their body of farming land in the Panhandle of Texas on the market. This particular tract is one of the choicest tracts in the Panhandle and the company have refused to sell any part of it for years. The opportunity is now open to buyers. The tract comprises nearly 30,000 acres, with nearly every acre first-class agricultural land of exceptional quality. The company's advertisement appears on page 24 of this issue.

## A USEFUL MAP.

The Union Pacific Railroad Company has just published a large map of the United States, which is the first of its kind ever printed. The map is in colors and shows all the government irrigation enterprises, and by a system of figures and circles gives the location of projects under investigation. It also shows areas within which public lands have been reserved under the terms of the reclamation act of June 17, 1902. These areas indicate in a general way the location of irrigable lands. The map is very attractive and is a useful addition to the helpful literature distributed by that company. Sent free on receipt of twenty-five cents postage. Address E. L. Lomax, G. P. A., Omaha, Neb.

## JUST LIKE A CITY WATER SYSTEM.

Regular "city" water systems are being installed for irrigation purposes at Lewiston-Clarkston, at the head of navigation in the Columbia-Snake Valley. Lewiston-Clarkston is practically one city, the metropolis of a rich tributary territory of 40,000 square miles in Idaho, Washington and Oregon. Lewiston is on the Idaho side of the Snake River, at its confluence with the beautiful Clearwater, and Clarkston is on the Washington side. The two are connected by an immense steel bridge, said to be the longest steel bridge on the Pacific coast. This bridge is nearly one-third of a mile long. Pressing close around Lewiston-Clarkston on both sides of the river are the lands which are being irrigated. Part of these lands are actually within the corporate limits of the sister cities. The water is brought from neighboring rivers, creeks and reservoirs, and is piped through large mains. On the Clarkston side, nearly ten miles of these great mains have been laid and about six miles on the Lewiston side. There are three large reservoirs at an altitude which furnishes the water under pressure to the irrigated tracts. The water is to be piped to different parts of each tract to be used in whatever quantity is needed, simply by turning a hydrant off or on. The water is to be carried into the houses and used for domestic purposes. As it is mountain water, better water than

## A Big Success In Selling Manure Spreaders From Factory To Farmer.

Within recent years there have been many notable instances of large manufacturers changing from selling through the dealer to the direct-from-factory-to-farmer plan, but among the most remarkable was the complete change made last year by the American Harrow Company, of Detroit, Mich., manufacturers of the celebrated American Manure Spreader.

This large organization had been in the manufacturing business for twenty-five years, and up to last year had been selling through

**\$1.50 Per Square** is price for 100 square feet of our No. 15 grade Flat Semi-hardened Steel Roofing. Each sheet 24 inches wide and 24 inches long. Corrugated roofing like illustration, sheets 22 inches wide and 24 inches long, \$1.75. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. We are headquarters for metal roofing, selling more direct to farmers than all others combined. We have built up an enormous business on steel roofing and siding because we have given prompt and correct service. Thousands of our steel roofs in constant use for years all over the country. Absolutely the longest lived and most practical roof covering made. Inexpensive. Sold in quantities to suit. We can fill your order promptly. Satisfaction guaranteed or money refunded. Dealers get from \$2.25 to \$3.00 per square. Factories add their profits. So do jobbers. You pay all. Save this per cent. Order direct from us. Send us estimate of material of any kind needed in the construction or improvement of your buildings. We can surely help you economize. We make shipments promptly and carefully. No shipments delayed from our end. We have the largest farmers' trade on roofing, siding and building materials in America. We quote lowest prices on roofing, siding eave troughs, down spoutings, etc. **SHREWD BUYERS SEND US YOUR ORDERS.**

## Brick Siding, \$2.00

Just the right thing for stores, houses, churches, barns, hotels, etc. Why not fit up your old building by covering it with bright, fresh brick siding? Easily put on. Made of semi-hardened steel. Looks like brick. No special tools required. Prevents decay. Decreases fire liability. Improves appearance of premises. Adaptable for buildings of all kinds. We sell immense quantities. Gives thorough satisfaction. Comes in sheets 24x28 inches. Has all good points of steel roofing. Remember, you buy direct from our own mill. We are headquarters for brick siding.

## Metal Ceilings, \$2.00

Fine steel beaded ceiling, \$2.00 per 100 square feet. Ideal ceiling for stores, offices, kitchens, restaurants, etc. No falling plaster. Always neat and attractive. Economical and lasting. Furnished ready to put up. No special tools required. Comes in sheets 24 inches by six and eight feet long. Also used for siding.

## We Pay the Freight

to all points east of Colo., except Okla., Texas and Ind. Ter. To these points we pay the freight at 15c per square additional. To all points west of Kansas, we pay the freight at 50c per square additional. Satisfaction guaranteed or money refunded. We will send roofing, siding, ceiling, etc. to anyone answering this ad and mentioning this paper, O. O. D., with privilege of examination, if you will send us 25% of the amount of your order in cash, balance to be paid after material reaches your station. If not found as represented you do not have to take the shipment, and your deposit will be cheerfully refunded.

## Send for Catalog

Ask for our 500-page Catalog No. W. B. 500 free. Full of bargains from cover to cover. Quotes lowest prices on everything needed on the farm and in the home. Contains special bargains on lumber, building supplies, pipes, paints, fencing, doors, windows, sash, heating apparatus, wire nails, tanks, household supplies of all kinds, machinery, furniture of all kinds, waterworks systems, in short, thousands of articles in every day use on the farm and in the home. We guarantee satisfaction on all purchases. Our Capital Stock and Surplus is over One Million Dollars. We refer to any mercantile agency or express company or bank or any business house in Chicago. Fill out and mail us coupon or write us and we will send you our catalog.

**CHICAGO HOUSE WRECKING CO.**  
35th and Iron Streets, CHICAGO

NOTE—We are making very low prices on Wire and Fencing.

Please fill out and mail to  
**CHICAGO HOUSE WRECKING CO.,**  
35th and Iron St., Chicago.

Name.....

Town.....

R. F. D..... P. O. B.....

County..... State.....

What kind of buildings have you?

.....

Size?.....

Are you interested in Roofing?.....

Siding?..... Ceiling?.....

We send to Readers of

The Homestead.

Free our 500-page Wonderful Bargain Catalog.

Do you want it?.....

can be obtained anywhere in a non-mountainous country, the pleasure of having it always in the house in unlimited quantity may be imagined. The irrigation systems of which this water distribution is but a part have been pronounced by engineers the most modern and best equipped in the country. Nearly two million dollars have been expended by private enterprise in perfect-

ing the two vast irrigation projects. The older project is on the Clarkston side of the river, in the irrigated area known as Vineland. The name Vineland is delightfully appropriate. Some of the orchards and vineyards there are ten years old, having been bearing successfully for seven years. No inconsiderable part of the high-priced fancy fruit, peaches, apples and grapes, which have made such a hit in the markets of the East in the last few years, has come from the Lewiston-Clarkston district. The soil conditions there are peculiarly favorable and as a consequence of having plenty of water, the fruit grower there is able to make \$250 to \$1,000 an acre clear on his land each year. In addition to this profit, there are the advantages of suburban life so the residents of the Lewiston-Clarkston district have a pretty good time and are very enthusiastic over their home.

## NEW WAY TO CURE MEAT.

The old-fashioned way of curing meat by hanging it up in some out-house and burning chips or wood in an old iron kettle of some kind, is past. The new way is much easier and far better. Those who put up meat will be interested in Wright's Condensed Smoke, which is advertised in this issue on page 19. The following letter from an Iowa woman proves the merit of this splendid article: "Williamsburg, Iowa, Feb. 11, 1904. Gentlemen—I have used your condensed smoke the last two years and it is far superior to the old way. I used two bottles last year and will use three bottles this year. Respectfully yours, Mrs. John J. Yates." Do not fail to read the advertisement, and if interested in the best and most convenient method of curing meat, write to the E. H. Wright Company, Kansas City, Mo.

## MAKING MONEY ON THE FARM.

The money-making farmer is the one who knows where to get good seeds; seeds from which he can get big crops. The John A. Salzer Seed Company, of La Crosse, Wis., always has something new, something attractive, something valuable to offer in the seed line that no wide-awake money-making farmer can afford to be without. Here's something to think about: 310 bushels Salzer's New National oats per acre, 1,000 bushels Pedigree potatoes per acre, fourteen tons Billion Dollar grass and Teosinte per acre, 300 bushels Home Builder corn per acre. These are not extravagant statements, but sober, solid facts about what can be grown from Salzer's seeds "that never fail," that you, Mr. Farmer, ought to think seriously about before planting time. These seeds, as well as every kind of seed for the garden or farm, are listed in "Salzer's Seed

## Free Book For Men



A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urinary Disorders, Piles, Kidney and Bladder Troubles, etc. This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address:

**DRS. FELLOWS & FELLOWS CO.,**  
323 Rollins Bldg., Des Moines, Iowa

the old method of the jobber and local dealer. Speaking of this radical change of policy, W. W. Collier, general manager of the company, in a recent interview, said:

"One of the principal reasons why we decided to discontinue selling our factory output to jobbers and dealers was because we wished our machine to have more attention and consideration than it was possible to induce a local dealer to give it.

"We have absolute faith in the reliability and quality of the American Manure Spreader, and we felt that we were better able to demonstrate this to the farmer by communicating with him direct than through the agency of the dealer.

"The ordinary dealer handles too many different lines to give any special attention to any one, and is not particularly interested in any machine beyond making the sale.

"Then, too, we have given the fertilization question a great deal of study for nearly a generation, and we felt that we

price, giving him a spreader of standard quality for less than he would have to pay the dealer for an ordinary machine.

In addition to this price saving, this company also sell their spreaders on time and on trial, allowing any responsible party thirty days in which to test the machine on his own farm.

We believe that every farmer who is interested should write to the American Harrow Company and get their Big Free Book and full description of their complete line of spreaders.

We understand that they manufacture a greater variety of machines than any other manufacturer in the country. With their catalog they send other printed matter of value to every farmer, and quote direct delivered prices on their big line of spreaders.

We suggest that every one of our readers who are interested write to the American Harrow Company for this literature. Their address is

American Harrow Company,  
150 Hastings Street, Detroit, Mich.



Book," and the farmer who has any desire to be a money-maker will not miss the opportunity to secure a copy of this book free of charge and learn for himself about the wonderful bargains Salzer has to offer in Northern Grown Pedigree seeds. Don't fall to write today to the John A. Salzer Company, La Crosse, Wis.

#### FIFTY PRIZES TO OWNERS OF COWS.

On page 10 we print an advertisement of the Omega Cream Separator. The manufacturers of this great machine want to know what our readers think of this advertisement and the argument it makes in favor of the Omega Separator. They offer three prizes: First prize, \$25; second prize, \$15; third prize \$10, for the best letters from owners of cows, telling how and why this advertisement appeals to them. Just read the advertisement carefully and then write your impressions of it. Is its argument good? Does it make you want an Omega? Send your letter before March 1st to Prize Dept., Omega Separator Company, Lansing, Mich. Be sure you mention this paper and tell how many cows you keep.

#### A GOOD HARROW CART.

By turning to page 5 of this issue you will notice in the advertisement of Mr. Wm. Galloway, of Waterloo, Iowa, that a first-class harrow cart may be purchased for \$5.95 with the freight prepaid. Horse labor is cheaper than man labor, and these days no one can afford to wear himself or his hired man out walking all day after the harrow. This cart is sold directly to farmers from the factory; hence its low price. The time will soon be here when implements will have to be taken out of the shed for another season's work, so that it is not too early to order this cart now, or at least to send for booklet which gives a full description of it. Address Mr. Wm. Galloway, 105 Commercial St., Waterloo, Iowa, and please mention this paper when you write.

#### A KANSAS JUDGE TESTIFIES.

Those who are afflicted with piles and other diseases of such a nature will be much interested in knowing that there is an institution in Kansas City that has cured thousands of cases of this kind. The Drs. Thornton & Minor institution, of Kansas City, Mo., has been established thirty years and makes a specialty of such cases. Read the testimony following. Judge R. T. Thompson, of Minneapolis, Kan., says: "I was treated by Drs. Thornton & Minor in 1898 for piles. The tumors were so large that they caused constipation and severe nervous headaches. I am fully satisfied that the cure in my case is complete and effective, and I am no longer troubled with constipation and headaches." Write Drs. Thornton & Minor and mention this paper. They will gladly send you more evidence.

#### A GOOD FARMER'S FORGE.

A good forge saves its cost price several times over every year on any farm. Much work ordinarily sent to the blacksmith shop can be done at home if one has a forge. It not only saves what would otherwise be paid to the blacksmith, but saves the time going and coming, often worth more than the work itself. Especially is this true in a busy season. The C. A. S. Forge Works, of Saranac, Mich., have an advertisement on page 2 of this issue. Their combination offer of forge, anvil and vise and one pair of tongs for \$5.25 is a bargain. This liberal offer is only good for a short time, and our readers should take advantage of it. Ask the company for catalog No. 23, which will be furnished free. Address C. A. S. Forge Works, Saranac, Mich., and please mention The Homestead when writing.

#### BUYERS OF NURSERY STOCK

will find something worth looking over in the twelfth annual descriptive catalog of the Bristow Nursery Company, located at Hampton, Iowa. This concern have been doing business since 1869 and have always made it their policy to grow and sell only the recognized varieties of nursery goods that can be depended upon to grow for their customers. Every shipment which they make is furnished with a clean certificate of health by the state entomologist. We are quite certain that this company can interest you in the proposition they are now putting out. You will find their prices right and they guarantee the goods to be right. The catalog tells all about their stock and you had better secure it before placing your spring order. A postal will bring it. When writing kindly mention The Homestead. See advertisement on page 14.

#### THE MAULE SEED BOOK.

Mr. Henry Maule, of Philadelphia, Pa., is well in the front as a grower and seller of reliable seeds, plants and bulbs that grow, and produce results true to name and claim. And he has not hesitated at expense in putting his annual announcement in the most beautiful garb possible. His 1907 seed book

is a marvel of artistic proficiency. Mr. Maule has always been noted for his novelties. Many of the leading strains of vegetable and flower varieties have been introduced by him to American farmers and gardeners and are today producing wealth and beauty on thousands of farms and gardens. His reputation for new and valuable varieties is so well known that progressive farmers and gardeners wait for his seed books to know what new things in seeds and plants are worth trying. His 1907 seed book will not disappoint them in this respect. The book contains 152 pages of handsome letter press and illustrations, and two beautiful colored cover pages. It will be sent free to all applicants by Mr. Wm. Henry Maule, seedsman, of Philadelphia, Pa., provided they mention this paper.

#### G. W. Fink's Angus Sale.

Mr. G. W. Fink's dispersion of the Glenmar herd of Aberdeen Angus cattle on February 4th, at Maryville, Mo., was not largely attended. The storm and cold weather caused several who had written that they were coming to remain at home. No high prices were paid and every man who bought should get good returns on his investment. On the entire offering of bulls, cows and calves, some of which had been recently weaned, a general average of \$123.82 was obtained. Mr. Fink's bull sold well, indicating a strong demand. In the list of sales Lots 2 and 5 appear as sold to Jasper Aldrich, of Pattonsburg, Mo. The two were resold to Mr. M. H. Donohoe, of Holbrook, Iowa. Messrs. Donohoe, Robinson & Chapple, of Maryville, Mo., and W. W. Andrews, of Maryville, Mo., were the best bidders on the top females. Col. Geo. P. Bellows conducted the sale and was assisted in the ring by Colonel Hosmer. Following is a list of all sales over \$100:

#### FEMALES.

Blackbird Eclipse, nine years, Jasper Aldrich, Pattonsburg, Mo.	\$295
Home Dale Erica 2d, two years, W. W. Andrews, Maryville, Mo.	280
Pride of Heatherton 12th, four years, M. H. Donohoe, Holbrook, Iowa.	255
Pride of Homedale, four years, Jasper Aldrich	195
Miss Pride, six months, W. W. Andrews	115
Orleans Queen, five years, Robinson & Chapple, Maryville, Mo.	250
Queen Ida of Midnight, nine years, M. H. Donohoe	120
Beauty of Glenmar, two years, Orren Wikle, Ackworth, Iowa.	100
Queen of Glenmar, two years, same.	145
Rowena Glenmar, one year, same.	100

#### BULLS.

Black Monarchist, two years, Allen Bros., New Sharon, Iowa.	240
Blackbird Ento, one year, A. L. Winekoop, Benda, Kan.	240
First Choice F., one year, J. G. Hayes, Skidmore, Mo.	150
Eddy Pride, one year, A. Turner, Lenox, Iowa	100
Home Dale King 2d, one year, W. F. Eccles, Queen City, Mo.	175
Directly, two years, Orren Wikle	200

#### SUMMARY.

26 females	\$3,005.00; average	\$115.39
8 bulls	1,207.50; average	150.93
34 head	4,212.50; average	123.82

#### The Russell Sale.

The Duroc Jersey brood sow sale of Mr. E. Z. Russell, at Blair, Neb., on February 6th, again brought out a good attendance of both farmers and breeders. Mr. Russell's offering was not in high condition, owing to the fact that they had received a set back last fall, but they were in the condition that always is best for the buyer. The Russell sale has never been noted for any sensational high prices, but it has been noted for an evenness that is seldom seen in other sales. The top was \$180 for Elinor R. IV., and she went to Messrs. Holmes Bros., of Homer, Neb. Sows bred to Glendale Critic were in good demand and Glendale Critic gilts were also picked up at good prices. An average of \$76.70 was made on the entire offering. Colonel Callahan and Luther cried the sale. Below is a list of buyers:

Lot.	Buyer	Price.
1.	Holmes Bros., Osmond, Neb.	\$180.00
2.	Elsie King, Blair, Neb.	52.50
3.	John Lydon, Belden, Neb.	160.00
4.	Elsie King	50.00
5.	E. F. LaRue, Lyons, Neb.	80.00
6.	M. S. Moats, Randolph, Neb.	150.00
7.	O. W. Marshall, Kennard, Neb.	51.00
8.	W. A. Rankin, Carson, Iowa.	132.50
9.	W. A. Staples & Son, Glidden, Iowa	100.00
10.	Clark & Tryon, Wausau, Neb.	80.00
11.	Elsie King	41.00
12.	Same	72.50
13.	Jacob Wernsman, Cedar Bluffs, Neb.	80.00
14.	Holmes Bros.	82.50
15.	J. S. Gearhart, Blair, Neb.	50.00
16.	Elsie King	61.00
17.	Albert McMahon, Craig, Neb.	87.50
18.	A. L. Lynch, Mt. Airy, Iowa.	80.00
19.	John Tryon & Son, Lyons, Neb.	65.00
20.	W. A. Kirkpatrick, Lincoln, Neb.	105.00
21.	R. B. Miller, Randolph, Neb.	57.50
22.	H. H. Higley, Blair, Neb.	37.00
23.	Geo. Blessing, Homer, Neb.	152.50
24.	Miss Russell, Blair, Neb.	35.00
25.	A. W. Lamb, Monroe, Neb.	35.00
26.	John Dulaney, Blair, Neb.	55.00
27.	S. G. Haller, Blair, Neb.	30.00
28.	A. Wilson, Bethany, Neb.	45.00
29.	John Aronson, Blair, Neb.	50.00
30.	Austin Renshaw, Blair, Neb.	102.50
31.	Jacob Wernsman, Cedar Bluffs, Neb.	50.00
32.	Paul Posepie, Ponca, Neb.	50.00
33.	J. Stoke, Herman, Neb.	45.00
34.	H. Zohn, Pierce, Neb.	53.00
35.	Carl Hansen, Herman, Neb.	100.00
36.	O. W. Marshall, Tekamah, Neb.	57.50
37.	Robert Pritchard, Carroll, Neb.	80.00

#### Smith Brown's Sale.

The Duroc Jersey sow sale of Mr. Smith Brown at Waterloo, Neb., on February 7th, made an average of \$44.35. Glendale Queen, a daughter of old Gold Dust Jim, topped the sale at \$172.50, and went to Mr. R. R. Steele, Cedar Rapids, Neb. A number of breeders from Iowa and Nebraska were present.

## Tools That "Handle" Easy

You want tools that give best service and longest wear. Finish is all right—but first, last, and all the time, you want strength, endurance, and proper balance for easiest and most effective use. There is just one way to get such tools—see that every hand implement you buy bears the name

# KEEN KUTTER

The Sign of QUALITY.

Take for example a Keen Kutter fork. Test it any way you choose it's the best—tines and tang are drawn and forged from solid crucible steel *without a weld*, spring-tempered in oil, and individually tested.

All Keen Kutter Tools—Forks, Hoes, Shovels, Garden-trowels, Grass-shears, Rakes, Manure-hooks, Axes and a full line of Carpenter Tools—stand the *hardest tests*, and are easier to handle than any other tools.

Every Keen Kutter farm tool has a well-seasoned, straight-grained ash handle. If your dealer does not have them, write us. Tool Book Free.

**SIMMONS**  
**HARDWARE COMPANY.**  
St. Louis and New York, U. S. A.



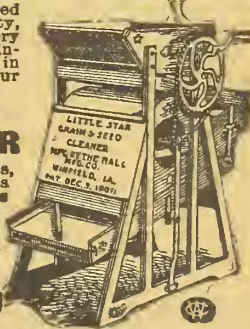
## CROPS WITHOUT WEEDS

The way to get them is to clean and grade your seed. Clean, graded seed yields 5 to 15 bushels more per acre, the grain is better quality, less liable to rust and smut and sells for a much higher price. Every 20 acres of land cultivated will pay for a grader every year; the increase in value and crop yield will net you a handsome increase in profits and pay the rent for the grader besides ridding your farm of weeds and noxious plants. Our Little Star

### COMBINED CORN SORTER, GRAIN GRADER AND GRASS SEED CLEANER

is the most efficient and economical machine of its kind made. Cleans, grades and separates any seed or mixture of any four similar seeds at the same time—does the work of three machines but costs only the price of one. Has double the screen surface of any machine of its kind—7 complete riddles and 4 double wire screens. Our "Corn Grader" Screens No. 8 and No. 9, provide an absolutely uniform "drop" from the "Corn Planter," edge drop or otherwise. Every machine guaranteed. Will do all grain and seed work for 160 acres. Price \$19.98. Freight paid. Write today.

**HALL GRAIN GRADER CO.,** 224 Locust St., Winfield, Iowa.



## '32.50 Complete 2 BIG REASONS WHY WE SHOULD HAVE YOUR ORDER

If You are Going to Buy a SULKY or GANG PLOW  
First—We absolutely guarantee this plow equal in every respect to any plow on earth, and refund your money if not entirely satisfactory to you.  
Second—We save you the middleman's profit of from \$10 to \$20 as we are the only Plow Factory in the world selling its goods direct to the consumer at wholesale prices.

These plows are made of iron and steel throughout, are perfect in construction, ingenious in design, simplicity in handling, perfection in work and light draft. Every part is backed by our thirty-six years' of successful experience in this business. Write us before buying. Secure our big free catalogue of implements, Burries, Harness, Steel Range, etc.  
14 inch Double Shm Plows, \$8.65; 12-16 Champion Disc Harrows only \$14.95. Tell us what you want when you write. Address  
**Hagood Plow Company, 1266 Front Street, Alton, Ill.**  
The only Plow Factory in the United States selling direct to the consumer at wholesale prices.

## "A YARD OF ROSES" FREE



"Yard of Roses" is one of the grandest flower pictures ever offered; 1 yard long, on heavy copper-plate paper, in 10 beautiful colors; over 300,000 sold in last 20 days; a handsome ornament for any home that you will always be proud of. To introduce our splendid farm journal which has a half million readers, we mail this grand work of art, all charges paid, to anyone who sends 10c (stamps or silver) for trial subscription to THE VALLEY FARMER. Send at once before they are gone. Address THE VALLEY FARMER PICTURE DEPT., 576 Jackson St., Topeka, Kansas.

ent. The farmer crowd was light, owing to a big farm sale in the same vicinity. Col. T. C. Callahan cried the sale. Below is a report of those selling for \$25 and over:

Lot.	Buyer	Price.
1.	R. R. Steele, Cedar Rapids, Neb.	\$172.50
2.	J. P. Fleck, Millard, Neb.	51.00
3.	Same	41.00
4.	A. L. Lynch, Mt. Airy, Iowa.	46.00
5.	J. P. Fleck	38.00
6.	W. A. Rankin, Mt. Airy, Iowa.	42.00
7.	R. R. Steele	82.50
8.	J. P. Fleck	47.50
9.	Arch Brown, Waterloo, Neb.	35.00
10.	L. P. Larson, Valley, Neb.	37.00
11.	J. P. Fleck	35.00
12.	Same	35.00
13.	Geo. Ennes, Waterloo, Neb.	41.00
14.	W. A. Rankin	45.00
15.	A. L. Lynch	40.00
16.	G. W. Medlock, Benson, Neb.	32.00
17.	J. P. Fleck	51.00
18.	Same	40.00
19.	Ouba Bros., Schuyler, Neb.	50.00
20.	Same	45.00
21.	E. S. Barney, Bellevue, Neb.	32.00

#### The Los Angeles Limited.

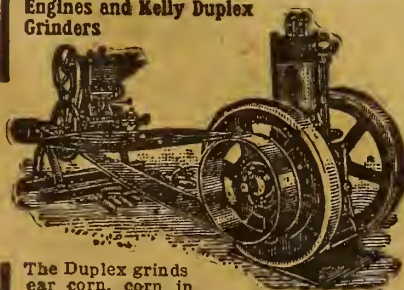
Electric-lighted train, Chicago to Los Angeles every day in the year, less than three days en route, via Chicago & North-Western, Union Pacific and Salt Lake Route. Splendid equipment of the most modern and complete character, accommodating all classes of travel.

Pullman drawing room and private compartment sleeping cars, Pullman tourist sleeping cars and composite observation cars. Double berth in tourist cars only \$7 from Chicago. Close connection with trains of the North-Western Line from Wisconsin points.

For full information apply to nearest agent of the North-Western Line.

## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

**The O. S. KELLY WESTERN MFG. CO.**  
DEPT. H, IOWA CITY, IOWA.



## E. R. Wood's Duroc Sow Sale.

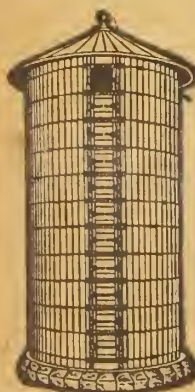
A great many congratulations were passed out to Mr. Wood at the close of his first cataloged sale, February 8, 1907, when it was announced that on thirty-four head an average of \$46.35 had been made. This is certainly a fine record and speaks well for this herd. The tent was crowded with farmers and breeders from far and near. Col. C. E. Luther found the bidding was especially strong on some of the best numbers, as will be seen by the attached list. Those who missed this sale missed seeing some good hogs and a good time with the breeding fraternity of central Iowa and adjacent territory.

Lot.	Price.
Extra, W. R. Bennethum, Madrid, Ia.	\$205.00
5. Roy E. West, Churdan, Iowa.	130.00
4. W. A. Staples, Glidden, Iowa.	100.00
3. S. W. Johnson, Rippey, Iowa.	82.50
9. Jesse Moss, Scranton, Iowa.	50.00
10. S. W. Johnson.	63.00
29. C. E. Andrews, Churdan, Iowa.	54.00
13. Tucker & Hill, Jefferson, Iowa.	51.00
15. J. Justice, Ankeney, Iowa.	46.00
28. Ed Roberts, Jefferson, Iowa.	54.00
7. Pat Montgomery, Jefferson, Ia.	43.00
8. De Murphy, Rippey, Iowa.	42.00
19. W. A. Hammer, Jefferson, Iowa.	41.00
21. H. A. Cochran, Scranton, Iowa.	60.00
22. Chas. Searman, Jefferson, Iowa.	60.00
23. J. J. Vosika, Pocahontas, Iowa.	47.00
24. S. W. Johnson.	45.00
34. T. J. Miller, Jefferson, Iowa.	48.00
35. I. C. Weaver, Jefferson, Iowa.	45.00
36. Geo. Wolf, Jefferson, Iowa.	41.00
37. E. H. Jackson, Jefferson, Iowa.	40.00
38. I. C. Weaver.	40.00
Extra, A. J. Cochran.	50.00

## W. R. Bennethum's Duroc Sow Sale.

The fourth annual sale of Cedar Lawn Duroc Jersey sows was a success in every way. The collection was a choice one from a standpoint of individual excellence, as well as from breeding. A good crowd bid on the offering and showed their appreciation of the good will and treatment extended by Mr. Bennethum by piling up a good average. On forty head this amounted to \$48.50, which is certainly a high recommendation for the work of this breeder and for the auctioneer, Col. C. E. Luther. Mr. B. W. Hale, of Laddonia, Mo., topped the sale by bidding off Miss Advance, a yearling sired by Proud Advance, at \$125, even. Several others sold around this figure as the appended list will show:

3. H. J. Dibbern, Madrid, Iowa.	\$120
2. Same.	95
20. Johnston Bros. & Newkirk, Brooklyn, Iowa.	101
5. Same.	55
6. G. W. Huffman, Ogden, Iowa.	60
7. J. A. White, Madrid, Iowa.	40
8. C. A. Sundburg, Madrid, Iowa.	41
9. Roy West, Bondurant, Iowa.	60
10. H. J. Dibbern.	43
11. A. D. Freed, Boone, Iowa.	46
12. F. E. Burkett, Dallas Center, Ia.	49
15. J. A. White.	41
18. F. E. Burkett.	40
19. E. R. Wood, Jefferson, Iowa.	46
21. Johnston Bros. & Newkirk.	50
22. Roy West.	51
24. O. Olson, Madrid.	60
25. E. E. Cartwright, Pilot Mound.	56
36. W. A. Johnson, Prairie City, Ia.	51
40. O. A. Anderson, Madrid.	41



## HOW TO Save Money.

Last summer I advised the farmers to build Silos, giving as ONE reason, the fact that feed would be high and scarce this winter. You would no doubt appreciate a lot of good silage at this time with hay at \$12 per ton. Now is the time to consider a silo for 1907. Better write for our book, "The Modern Way of Saving Money on the Farm." It is well worth a postal card and your time writing it. Address,

H. G. HARGROVE,  
316 E. Walnut St.  
Des Moines, Iowa

## SHEEP.

## Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewe lambs. Also 150 beautiful yearling ewes bred to 265 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Ghandler Bros., Kellerton, Ia.

## Ewes for Sale

THE Iowa State College is offering twenty Shropshire, Oxford and Southdown ewes for sale at very moderate prices. Address,

DIVISION OF AGRICULTURE,  
AMES, IOWA.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

Registered Shropshire Rams and Ewes  
OF the best breeding, Willard Miller, R. F. D.  
No. 2, Alta, Iowa.

15 Registered Shropshire ewes, bred to imported 150 Milton rams. W. C. Frazier, Atlantic, Cass county, Iowa.

## LANDS AND HOMES FOR SALE

Farms That Grow  
"No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)



are situated in the Canadian West, where Homesteads of 160 acres can be obtained FREE by every settler willing and able to comply with the Homestead Regulations. During the present year a large portion of



## New Wheat-Growing Territory

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 315 Jackson St., St. Paul, Minn.

Mention this Paper.

## TEXAS LANDS!

BUY A HOME IN THE GREAT

PAN HANDLE  
OF TEXAS

AND get a slice of the rich, fertile soil while the prices are within the reach of all. We have for sale 40,000 acres of the finest agricultural land in Swisher Co., Texas, that we are selling at a very low price, in tracts to suit, from 1/2 section to 1 or 2 sections, on terms to suit. The advantage of buying lands in this part of the country is the shallow water which can be found at a depth of 25 to 50 feet. For further information send for booklet.

HOYER, PETERSON & CO.,  
408-10 Gumbel Bldg., Kansas City, Mo.

## Will Exchange 560 Acres

## FOR IOWA FARM

I HAVE listed from the owner a 560 acre farm within 10 miles of Crookston, Minn., and 2 1/2 and 3 miles from railroad stations, 1/2 cultivated, no buildings, deep black soil, no stones, no gravel, rented for 1/2 of crop delivered, which I can exchange for a good Iowa farm. Price \$22.56 per acre. Write me for particulars, S. K. Noland, Watrous Bldg., Des Moines, Iowa.

1018 ACRES in the Garden Spot of southeast Mo., in 1/2 mile of station on Frisco railroad. Not one foot of waste land and as rich corn, wheat and alfalfa land as there is in the world. If bought by March 10th can be had for \$22.50 per acre. It's a tremendous bargain, in a country where we always raise crops, and owing to our short winters and long seasons, two crops in one year. See S. E. Newhouse, 617 Frisco Building, St. Louis, Missouri.

## Choice Farm, 640 Acres

JUST south of LaMoore on the James river, North Dakota, 335 acres under cultivation, two good springs of living water, will sell half or quarter. Address the owner, J. C. Dempster, 1511 Center St., Des Moines, Iowa.

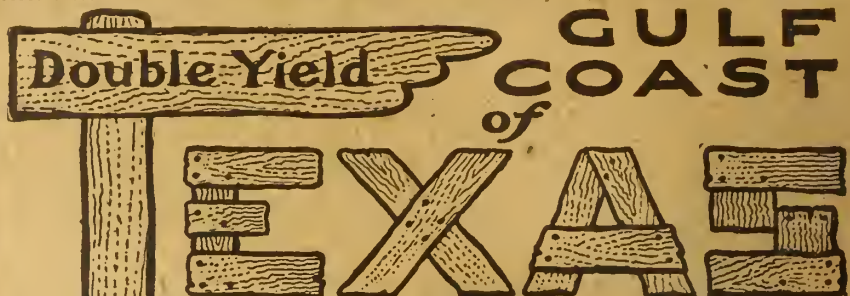
430 ACRE Brown Co., Kan. farm, five miles from market. Can be divided into two tracts. E. C. Gordon, 650 Minnesota Ave., Kansas City, Kansas.

POULTRYMAN or Dairyman can lease or buy 24 acres at Britt, Iowa. Splendid opportunity. John W. Budd, 607 Youngerman, Des Moines, Ia.

FOR SALE—120 acres, Phelps county, Mo., with stock, tools and household goods, \$1,800. Mrs. L. F. Huntley, Lecom, Missouri.



The above is a good likeness of Mr. A. E. Poush, of Charlton, Iowa, who opens the southern Iowa sale circuit on February 18th. Mr. Poush is fortunate enough to own more Proud Advance sows than any other man outside the company, and he is putting ten head of these in his sale the 18th, and every one a good one. Write for catalog early and find out about this good offering.



## Two Crops Per Year!

That's the program in the Texas Gulf Coast Country. It's easy there, because the land works and produces every month in the twelve!

Think of it: \$500 per acre in cabbage—\$600 per acre in onions—\$3.30 a bushel for new potatoes—cucumbers bring \$3.00 a bushel in May at the Eastern markets. These and many actual, every-day results in fruit culture also, can be proved to you. I can give you names and addresses of the people who are doing these things while you are reading this advertisement and the snow and cold weather are keeping you idle.

## The WARM, DRY CLIMATE

of the Texas Gulf Coast is the healthiest in the country. The irrigated land which you can buy now at \$25 per acre—is the richest in productiveness.

The railroad facilities will place your products in the markets ahead of every other section of the country. You get fancy prices—you save in freight rates—you make money and enjoy good health.

Let me send you a 75-page illustrated book full of actual facts about that wonderful country. Read it.

Let me send you names of people who own some of this land and are doing these things. Write to them.

Buy a round-trip investigator's ticket to any point on the St. Louis, Brownsville & Mexico Ry.—go down and look the country over. Rate is but \$25.00 from Chicago, \$20.00 from St. Louis, for the round trip, on first and third Tuesday monthly. Sixteen carloads of people went down on our excursion of January 15th!

Do not the arguments sound reasonable? Wouldn't you like to learn more about the country? Then write me to-day. Address

JOHN SEBASTIAN, Passenger Traffic Manager,  
Room 14 La Salle Station, or Room 14 Frisco Building  
CHICAGO ST. LOUIS  
ROCK ISLAND-FRISCO LINES

## 10,000 Acres of Land for Sale

In the vicinity of the famous potato and sugar beet growing section near Greeley, Colorado. No finer land in the world. Good soil, smooth surface, a new railroad surveyed into the very heart of this beautiful land. Perfectly adapted to farming, through the plan of Prof. Campbell's scientific agriculture. Under the survey of new ditches, if farming by irrigation is preferred. Prices \$7.50 to \$12.50 per acre. Shown by automobile from Greeley, Colorado. Railroad fare refunded to purchasers. Map and full information sent on application. Address:

J. S. Grable, Greeley, Colo.,

OR

M. L. Parrotte, Gen. Agt., N. Y. Life Bldg.  
OMAHA.

Agents wanted for the sale of these lands.

## ASK ME

We are selling the finest body of

## Texas Panhandle Lands

ever put on the market

Best in location and best in quality and price, on very easy terms. Our location, Dallam county. Write us for full information and maps.

NEXT EXCURSION FEBRUARY 19th.

J. C. MEHAN & CO., 328-29-30 UTICA BLDG., DES MOINES, IOWA



# LANDS AND HOMES FOR SALE

## Free Homesteads



IN  
WESTERN  
CANADA

## SPECIAL TRAINS

Leave Omaha, Neb., Des Moines, Ia.  
and St. Paul, Minn.,

**MARCH 19th**

For MANITOBA, SASKATCHEWAN and  
ALBERTA HOMESTEADS

A Canadian Government Representative will  
accompany this train through to destination

For Certificates entitling to Cheap Rates, Literature and all  
particulars, apply to Supt. of Immigration, Ottawa, Can., or

W. V. BENNETT, 801 New York Life Bldg., Omaha, Neb.

E. T. HOLMES, 315 Jackson Street, St. Paul, Minn.

### FARMERS, READ THIS!

If you want to buy a farm this year in Minnesota, South Dakota, North Dakota or Canada, either for cash, or on the crop payment plan, send ten cents for postage, tell us where you want to go and we will tell you all about the land, our easy terms of selling and how you can get a free ticket to see it. We will also tell you how you can make \$100 per month working for us.

GILLILAN BROS., 354 Temple Court,

MINNEAPOLIS, MINN.

### "VIRGINIA COUNTRY HOMES"

Is a Handsomely Illustrated Periodical

PUBLISHED every two months in the interest of our business. The most noted places in the state are shown in its columns. Price for six numbers, \$1.00. Free, REAL ESTATE REGISTER, describes 150 farms.

H. W. HILLEARY & CO.,  
Charlottesville, Virginia

### BUY A FARM

NEAR DENVER and pay for it with a share of the crops. You furnish only equipment for working it. We furnish an expert on the Campbell System free of charge to instruct you, plow your land by steam and extend your credit on machinery and building material, if necessary. Lands produce record crops of all kinds. Write for full particulars at once.

THE COLONIAL SECURITIES & TRUST CO.,  
1716 California St., Denver, Colo.

### LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

Bargains in Nodaway County Farms  
\$50 TO \$100 PER ACRE.

BEST of coal and mineral lands in other sections of Missouri for sale. Write for list and prices.  
BINGAMAN, BOLIN & JOHNSTON,  
Rooms 5 and 6 Roseberry Bldg., Maryville, Mo.

IOWA FARMS: Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.



In Beautiful Artesian Valley  
with its Water, Alfalfa, Great Crops, Cheap Lands, we're waiting for you. Grasp this opportunity. Miller & James, Meade, Kan.

FOR SALE, RENT OR EXCHANGE:  
Good improved grain and stock farm of 740 acres in Chautauqua county, Kansas. Write for particulars. Box 81, Independence, Iowa.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. HAZEL J. MIERK, Chillicothe, Missouri.

TO EXCHANGE: Good 640-acre farm in Wilkin county, Minn.; 468 acres in Dunn county, Wla., both improved. Want smaller farm, livestock or city property. Box 161, Independence, Iowa.

### 5 FREE BOOKLETS. FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

California Farmland Company,  
58 GROSSE BLDG., LOS ANGELES, CAL.

### GREAT LAND OPENING IN SACRAMENTO VALLEY, CALIFORNIA.

RICH black sediment soil, water enough to irrigate 200,000 acres, free water right. Every commercial fruit and vegetable yields enormous returns. California climate. Perfect title. Rail and steamboat transportation, ready markets. 10, 20 and 40 acre tracts from \$80 to \$100 per acre on buyer's own terms. Excursion rates from all points east after March 1st. Write for information and illustrated booklet. F. E. Robinson & Co., 216 Pacific Electric Bldg., Los Angeles, Cal.

### WANT A FARM HOME?

NOW is the time to get it. Investigate Meadowslands Settlement, 45 miles from Duluth, in Saint Louis Co., Minn. Prices right. Terms, \$1 per acre down and balances in fifteen years' time. Good soil, water, etc., railroad. For full information write

LAND COMMISSIONER D. & I. R. R. CO.,  
525 Wolvin Bldg., Duluth, Minn.

### WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

W. F. Smith Realty Co., Kearney, Neb.

WANTED to sell or exchange, well improved, splendid 236 acre eastern Kansas farm that adjoins town with graded school, for a smaller farm in Iowa. Address: James E. Seaton, Vernon, Kan.

## It is Easy to Make Money in the Southwest



Land as good as that in the older states can be bought in the Southwest for a fraction of what similar land costs in your state. This land will raise bigger crops and the crops will bring bigger prices. Now is the time to buy land in the Southwest. It will double in value in a year or two. You will be healthy in the Southwest. The climate is delightful. No long, hard winters—no blizzards.

A letter addressed to the Southwestern Colonization Bureau, St. Louis, will bring you free copies of complete and authentic pamphlets covering all sections of the Southwest—Missouri, Kansas, Arkansas, Oklahoma, Indian Territory, Texas, New Mexico and Louisiana.

A letter to any of the following members of the Bureau will bring reliable detailed information about the particular section represented by the member addressed. Write to-day while it is on your mind.

Southwestern Colonization Bureau,

223 Kinloch Bldg., St. Louis, Mo.

### The Land of Cheap Homes.

The Cimarron Valley, Blaine County, Okla., contains the largest body of fine land of any county of the new state. Few farms are for sale. By hard work we have been able to list a very few of the choicest. One special bargain, 160 acres two miles from Okene, a town of 1,000 people, price \$5,000. For further information address The K. J. Russum Real Estate Co., Okene, Blaine County, Oklahoma.

### Fine Farms Cheap

We have some of the finest farms that lie out doors in the richest section of Oklahoma. Railroads, schools, churches. Land will produce two and three crops a year of corn, wheat, broom corn, cotton, vegetables, etc. Fine fruit section. We can sell it cheaper than any land you ever saw of equal value. Write us.

Vandegriff & Clark, Hobart, Okla.

BUY IN the Great Artesian Belt, south of San Antonio, Texas. The land of cotton, corn, alfalfa, early vegetables and fruits.

CUTTING UP THE  
"BIG PASTURES!"

Tracts from 40 to 100,000 acres.

R. H. RUSSELL, 311 Moore Bldg.,  
San Antonio, Tex.

### Southeast Missouri Land.

Situated in Stoddard and adjoining counties. No better corn land anywhere. All small grains and grasses, including alfalfa, equal to the best. Conditions for successful breeding of live stock unexcelled. St. Louis market less than 200 miles distant. Long growing season, short and mild winter. Land for sale to those who will immediately improve, at low prices and on easy terms. To see is to buy. Information on request Wm. Collins, Room 320 Tobin Bldg., St. Louis, Mo.

### WEST TEXAS

"The Land  
of Opportunities."

WRITE  
E. P. TURNER  
General Passenger Agent  
TEXAS & PACIFIC RY  
Dallas, Texas,  
for descriptive literature.

### Natural Gas Belt

Buy a farm where growth and progress are the order of the day. Great industrial development. Mild climate, rich soil, good water. Farmers use natural gas for light and fuel. Improved farms \$20.00 to \$40.00 per acre. Write for folder.

HILL & SUTTER  
Sellers of Real Estate  
Independence, Montgomery Co., Kan.

### Rice Lands Yield 100 per cent

We can sell improved rice farms at \$30 to \$50 per acre, on your own terms, which will raise crops worth \$40 to \$60. Some 1906 crops yielded \$80. An average crop is more profitable than "bumper crop" of oats, corn or wheat at top-notch prices. Hundreds (now rich) came from the North with almost nothing. No special experience necessary. New railroads will double value of lands in two years. Write us today.

W. W. DUSON & BRO. Crowley, La.

### IMPROVED FARMS CHEAP

We have a select list of improved farms in Robertson County, Texas, ready to live on and cultivate, which we can sell for the price asked in other localities for unimproved land. Corn, fruit, vegetables, dairying, poultry, hogs, mules, etc. Write us and let us tell you how to get a real home in Texas.

W. W. HILTON, Franklin, Texas.

Stevens and Morton Counties, Kansas,  
and Beaver County, Oklahoma

Plenty of bargains in choice lands here, where wheat, barley, alfalfa, maize, Kaffir corn, forage crops and cattle are raised successfully. No better place to get good, cheap homes, or lands for investment.

Moore & Falls, Hooker and Tyrone, Okla.

## MILD WINTER

Protected by great hills and warmed by almost perpetual sunshine, Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston [pop. 12,000] is the commercial and transportation center for an immensely productive fruit, grain, timber & mining territory. Write today for detailed and authentic information about new fruit and vine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soil as fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity? Address DEVELOPMENT LEAGUE, AT EITHER LEWISTON, IDAHO OR CLARKSTON, WASH. Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

### LEWISTON-CLARKSTON

IDAHO WASHINGTON  
"The Gateway of the Pacific Northwest"



LET ME SELL  
YOUR FARM, HOME  
OR BUSINESS. No matter  
what it is worth or where located,  
if you want your property sold  
quickly send description and price. If you  
want to buy a property of any kind, tell  
us your requirements. We can save you money.

GLENN REALTY CO.  
16 Gumbel Building, KANSAS CITY, MO.

LET ME SELL YOUR  
FARM, HOME OR BUSINESS  
for cash in the shortest possible time. We  
absolutely guarantee to place the description  
of your property in the hands of 5,000 reliable  
hustling real estate men and bankers through-  
out the United States. Write us today.

THE REAL ESTATE SALESMAN  
412 Brace Block. LINCOLN, NEB.

### LET ME SELL YOUR FARM, HOME OR BUSINESS

for cash in the shortest possible time. We  
absolutely guarantee to place the description  
of your property in the hands of 5,000 reliable  
hustling real estate men and bankers through-  
out the United States. Write us today.

THE REAL ESTATE SALESMAN  
412 Brace Block. LINCOLN, NEB.

### IMPROVED FARMS

Wild lands, general merchandise stocks, hardware  
stocks, and city property for sale and exchange.  
Write me. Fremont S. Gibson, Agent, Mason  
City, Iowa.

FARMS FOR RENT: 80, 160, 200, 240, Iowa;  
city, good improvements. Mo.; 740  
grain and stock, 2 sets improvements, southeast  
Kan.; 640 Minn; 465 Wis., 2 sets improvements,  
Northern Iowa Land Co., Independence, Iowa.

IOWA LAND CHEAP 360 acre farm, 4 miles from  
city, good improvements,  
good timber, a snap. Must be seen to be appreciat-  
ed. \$25.00 per acre. Theo. Kerndt, Lansing, Iowa.

### 55 LEVEL ACRES

Within half mile of nice little town on main  
line Frisco road, Bourbon Co., Kan., for

**\$32.50 PER ACRE**

Until March 1st. Fine for small farming,  
orchard, chickens or gardening.  
This is our "Bargain Counter" snap for  
February only!

INLAND SECURITY COMPANY,  
Water Works Building,  
Kansas City, Mo.

BARGAIN: 400 ACRES of fine land, 40 miles  
from Minneapolis, only one-half mile  
from railroad, good soil, well fenced. 200 acres under  
cultivation. In order to close up an estate, this  
valuable, piece of land must be sold. The first offer  
of \$20.00 an acre takes it. Part time given if desired.  
Address,  
Mose Zimmerman, Midway Horse Market,  
St. Paul, Minn.

FOR SALE OR EXCHANGE: 240 acre exist-  
ing peach and pear orchard, located within 2 miles of  
growing city of 18,000 population. The owner will  
sell on easy terms or will exchange for northern  
farm or city property. Northern Iowa Land Co.,  
Independence, Iowa.

FOR SALE OR EXCHANGE: 300 acres Mer-  
cer county, Missouri, improved, good land. 246 acres Henry  
county, Missouri, good new improvements, produc-  
tive soil. Write for description and price. Box 151,  
Independence, Iowa.

TO EXCHANGE: Good 10-room residence, three  
feed mill, in central Iowa, county seat town of 3,000  
population. Exchange for land, city property or  
merchandise. Box 148, Independence, Iowa.

GOOD farming and grazing land in Lincoln coun-  
ty, Nebraska, \$3.00 to \$25.00 per acre. For land  
lists and full particulars, address Buchanan & Pat-  
terson, Land and Immigration Agents, U. P. R. B.,  
North Platte, Neb.

TO EXCHANGE: Have a good improved farm,  
well located, to exchange for  
registered cattle or stallions. Write giving descrip-  
tion and prices. Box 81, Independence, Iowa.

\$25.00 PER ACRE Iowa land. 240 acres with good  
improvements. Is a rare opportunity.  
If interested write, Nielander & Co., Lansing, Ia.

FOR Sale, two well improved farms near town,  
church and school. Bargains for homes or in-  
vestment. E. Jay Roberts, Chester, Iowa.

WRITE J. H. McCOWN, Emporia, Kan., for  
special Bargain List, farms and ranches.



# Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

**Fleming's Spavin Cure (Liquid)** is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be limited. Easy to use, only a little required, and your money back if it ever fails.

**Fleming's Vest-Pocket Veterinary Adviser** describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

FLEMING BROS., Chemists,  
210 Union Stock Yards, Chicago, Ill.

## ABORTION CURED

Failure to Breed

## OR MONEY BACK

Our 15 years success proves Contagious Abortion Curable

### KELLOGG'S CONDITION POWDER

insures healthy offspring, prevents scours in calves. Keeps stock in perfect health. Makes dairymen money by more and better milk and butter. Destroys the effect of garlic.

Best known breeders testify to its success. Send for their testimonials and FREE book on Abortion. Guaranteed for cows, horses, hogs.

In writing state number of animals in the herd and their general breeding condition.

H. W. KELLOGG CO. 946 Iglehart Street  
ST. PAUL, MINN.

### You Can't Cut Out

A BOG SPAVIN OR THOROUGHPIN, but

### ABSORBINE

will clean them off, and you work the horse same time. Does not blister or remove the hair. Will tell you more if you write. \$2.00 per bottle, delivered. Book 4 C free.

ABSORBINE, JR., for mankind, \$1.00 bottle. Cures Varicose Veins, Varicocele, Hydrocele, Ruptured Muscles of Ligaments, Enlarged Glands, Allays Pain. Genuine mfd. only by

W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

### FISTULA, POLL EVIL,

and all blemishes on horses cured with

### Hamer's Sure Cure.

Removes Lumps of all kinds on either cattle or horses. Cures Ringbone, Spavin, Sweeney, Thoroughpin, Wire Cuts, Curb, Water, Splint, Collar Bole, Saddle Sores, Sprains or Swellings, Distemper and Lump Jaw.

Guarantee—No Cure No Pay.

Sold by dealers. By mail or express \$1.00.

HAMER'S SURE CURE CO., VERMONT, ILLINOIS.

### The "STAY THERE"

Aluminum Ear Markers

are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address

WILCOX & HARVEY MFG. CO.,  
167 Lake St., Chicago, Ill.

### HOG CHOLERA

CURED and prevented, worms run out and hogs made healthy and thrifty in a few days at a small expense. Write for book of reliable information on care and treatment of hogs. Also reports of public tests. Address,

Dr. J. H. Snoddy Remedy Co.,  
Box 852, Des Moines, Iowa.

### Beery Bit Controls

any horse, any time, any place, sure. Your dealer should have them. If not write me for my trial offer.

PROF. J. A. BEERY  
PLEASANT HILL, OHIO.

### VETERINARY COURSE AT HOME.

\$1200 year, and onwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. Ontario Veterinary Correspondence School, London, Can.

### A. S. ALEXANDER, V. S.

MADISON, WIS.,  
Veterinary Editor The Homestead.

CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

FOR SALE OR EXCHANGE—General merchandise stock in Iowa, about seven thousand. For sale or exchange for farm. Give full description first letter, location, improvements and number of acres under cultivation last year. Address owner, C. H. M., care of Homestead.

### It will be interesting to follow the explanation made in the Litchfield Spread-

or argument on page 5 of this issue, showing the difference between "Changes" and "Improvements."

## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### EYE DISEASE OF CATTLE.

I should like some information in regard to cattle having the "pink eye." I wish you would let me know whether or not it can be cured and how to cure it. Should also like to know whether it is catching.

So-called "pink-eye"—properly termed "contagious ophthalmia"—presents the following symptoms. Adult, young cattle and calves first show swelling of the eyelids accompanied by weeping. Redness of membranes of eyelids and "haw" becomes apparent, creamy discharge follows and in three or four days a clouded spot shows in center of eye and gradually spreads until "sight" of eye becomes milk-colored. Changing from milk-color to pearl tint eye may become yellow, bulge, show blood-shot streaks, form an abscess and burst leaving a ragged ulcer, or commence to clear up and finally recover. Slight ulcers may heal by granulation, but extensive ruptures and ulcers often lead to loss of sight. Fever and some loss of appetite is present, especially in young cattle, for a week or more from time of first attack and dairy cows may shrink in milk production.

Treatment: The disease being "catching," and doubtless due to a germ which leads to its spread from one animal to another; affected cattle should be separated from unaffected; eyes of latter should be washed once or twice a week with a solution of two drams of boracic acid in a pint of water as a possible preventive and pastures bordering on rivers, ponds and sloughs should be abandoned as the disease seems most liable to attack cattle grazing on such low, wet ground. Place affected cattle in a darkened shed or stable. Give each adult animal a one-pound dose of epsom salts with one ounce of saltpeter and one ounce of ground ginger root in two quarts of warm water as one dose and follow with a tablespoonful of saltpeter twice daily in drinking water or soft food. Younger cattle should have the same medicine in smaller doses according to age and size. While under treatment do not feed grain, but give soft and green food; allow all the cold water animals will take. At the commencement of an attack puff between eyelids by means of a clean, insect powder below a mixture of equal parts of finely powdered calomel and boracic acid; or cover eyes with soft cloth to be kept wet

No matter how good your lamp, a MACBETH chimney makes it better.

They are made to fit, and do not break from heat.

My lamp-chimneys offer the only practical remedy for all lamp-ills—good glass properly made. That's why they make good lamps better.

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Address, MACBETH, Pittsburgh.



## A Tank It Pays to Buy

Don't confound the "Bushnell Pump Co.'s" tank with other tanks. The Bushnell is in a class by itself. Here are some of the reasons:

Big, thick staves that are made to fit from edge to edge all the way down. Machinery makes every joint perfect. Lumber especially selected for tank purposes, not cast-off pieces from furniture and other factories. Every Bushnell tank tongued and grooved. We're ready with the machinery to do it right. Other tank builders do it just occasionally "to meet Bushnell Pump Co. competition" doing it then as best they can. Strong, heavy steel hoops. We give them to you round or flat. Adjustable patent draw lugs; look at the picture and you'll see what we mean. You can always keep your tank hooped up snug and tight. Galvanized hoops when wanted. Tank lasts a lifetime.

We can give you any size you want—2 to 16 feet high, 4 to 16 feet in diameter. Capacity from 5 to 760 barrels.

Don't forget the long line of Bushnell Wood and Iron Pumps, Steel Tanks, Iron Pipe Fittings and general line of Steam and Well Supplies. Write for descriptive matter. If your dealer does not have our goods in stock, send us his name and address.

THE BUSHNELL PUMP COMPANY, Dept. C, Bushnell, Ill.

## Break Loose from the Creamery Trust

ORGANIZE, CO-OPERATE AND CONTROL YOUR PRODUCT

You do the hard work of dairying and you ought to reap the profits.

You won't get them so long as you are at the mercy of combinations and trusts.

Join with 2000 Iowa Farmers to manufacture and market your own product.

Cut out the gamblers and speculators who are standing between you and the consumer.

Our association has already in eight months forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa.

Membership growing rapidly and the trust is on the run. Won't you join us at once for fair treatment now and future protection? Write today for prospectus and full particulars. Ship us a can of cream and get our test and prices.

**FARMERS' CO-OPERATIVE PRODUCE CO., DES MOINES, IOWA.**

Ship Us  
Your Next  
Can of Cream  
and  
Get Our Prices

We save our members and patrons from 25 per cent to 50 per cent on farm supplies, by buying for them direct from the factory at factory prices, cutting out all dealers' and middlemen's profit. For example the

#### Farmer's Friend Separator

Capacity 450 to 500 pounds, made for our members in this factory in the world, fully guaranteed to excel any \$50 standard separator ever made, for only \$55.

In efficiency of skimming, mechanical construction, easy running and durability, it has never been equalled. Send for our co-operative catalog of separators, washing machines, windmills, feed grinders, barrow carts, corn cobs, etc. We give the best that money can buy direct to the user at factory prices.

with a 1-2000 solution of bichlorid of mercury (corrosive sublimate). This treatment may prove sufficient in a majority of cases, but should the disease persist and aggravate, substitute for above lotion one, consisting of a dram each of sulphate of zinc and fluid extract of belladonna leaves with twenty drops of carbolic acid in a quart of clean, soft water with which to keep cloth over eyes continually wet. When inflammation subsides should eye remain milky-appearing paint once daily with 1-1000 solution of bichlorid of mercury or 3 per cent solution of boracic acid. In bad cases which are tardy in responding to treatment give—except to pregnant cows—one dram of iodid of potash twice daily for adult animal and from ten to twenty grains for calves and yearlings, continuing its use for one week. Ragged ulcers may with benefit be painted with a solution of three grains of nitrate of silver in an ounce of distilled water two or three times a week. Lastly, quarantine animals bought at stockyards shipped in or from infected herds.

#### SWELLING—LICE—CRIBBING.

(1) I have a yearling colt that got cut above the fetlock on a wire fence, the cut extending down to the hoof. It is nearly healed up and the colt is not lame, but the foot is enlarged. Is there any remedy for it? The colt is in good condition otherwise. (2) Please describe the hog louse and how to exterminate them. (3) Is there any cure for a cribbing colt?

(1) Clip the hair from swollen parts and blister with a mixture of one dram of biniodid of mercury and an ounce of cerate of cantharides rubbed in for fifteen minutes, washed off in forty-eight hours and followed by daily application of a little lard. (2) The hog louse (haematopinus uris) is a fourth of an

inch or more in length when fully grown, gray in color with margins of the head, throat and most of the abdomen, black. Any one of the coal tar disinfectants or dips, if used according to directions furnished by the manufacturers, will kill lice on hogs, but the spraying has to be repeated several times and is useless unless the quarters occupied by hogs are perfectly cleaned, disinfected and whitewashed for destruction of the vermin and their eggs. (3) Cribbing is practically incurable when fully established as a habit. Put horse in box stall from which every object has been removed upon which teeth could be rested or fixed.

Duluth, Minn., Feb. 2, 1907.

Mr. Editor:—The land department of the Duluth & Iron Range Railroad Company reports that while this winter has given an unusual amount of snow and cold weather, settlers in all colonies in northern Minnesota report plenty of fuel and perfect comfort; no scarcity of food, and plenty of employment at good wages. The reports of extreme suffering on account of scarcity of fuel and supplies in the prairie districts of the United States and Canada cause us to believe that you will be pleased to learn of the very satisfactory conditions in the timber districts of Minnesota. I am,

Yours very truly,  
L. B. Arnold,  
Asst. Land Com.

#### CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Minneapolis & St. Louis R. R. will have on sale reduced rate one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System.

Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

#### PRACTICAL TEST ON GRINDING FEED.

The persons whose names are given below are the owners of the Anti-Friction Four-Burr Mogul Mills No. 1 and No. 2, manufactured by the Bovee Grinder & Furnace Works, of Waterloo, Iowa. And in reply to an inquiry as to the amount of grain they could grind on their respective mills, sent in the following amounts that each ground in one-half hour: B. F. Rebman, Frederick, Ill., ground on Mogul No. 2, 22½ bushels ear corn; A. O. Mechem, Clarion, Iowa, ground on Mogul No. 1, 44½ bushels ear corn; Thos. Giblin, Mt. Pleasant, Iowa, ground on Mogul No. 1, 47 bushels ear corn; W. J. Barron, Ward, S. D., ground on Mogul No. 1, 38 bushels ear corn; J. D. Johnson, Palmer, Iowa, ground on Mogul No. 1, 78½ bushels ear corn; G. G. Amos, Indianola, Iowa, ground on Mogul No. 2, 32 bushels; J. B. Brandt, Council Bluffs, Iowa, ground on Mogul No. 1, 41½ bushels cob meal; J. E. McCoy, Morrison, Iowa, ground on Mogul No. 1, 96 half-bushels; E. J. Lindstrom, Bishop Hill, Ill., ground on Mogul No. 2, 20 bushels ear corn; Henry L. Kroeger, Davenport, Iowa, ground on Mogul No. 2, 28½ bushels ear corn; 27½ bushels shelled corn; Walter H. Patton, Savanna, Ill., ground on Mogul No. 1, 30 bushels ear corn; R. Turnbull, Jr., Spur, Ill., ground on Mogul No. 1, 1,035 pounds shelled corn; Willie Kugel, Luna, Iowa, ground on Mogul No. 2, 32 bushels ear corn; Henry Masteller, Mansfield, S. D., ground on Mogul No. 2, 26 bushels ear corn. See advertisement on page 4.





The Fagan, Browning & McCabe Duroc Jersey Sale.

One of the largest gatherings of breeders which have been present at Illinois sales this year, assembled at the Fagan, Browning & McCabe sale on Tuesday, February 5th. It was certainly a compliment to these breeders to have some of the best men in the Duroc business, present at their sale, and all expressed themselves highly pleased with the offering. Six states were represented by those present, and there was a large number of mail bids from others states. Only one incident kept down the average, and that was the fact that a number of the best sows were bred a little late, otherwise the average would have been much higher. Messrs. E. H. Deal & Son, of Elwood, Ill., topped the sale, paying \$605 for the twice champion sow, Foust's Pride, a daughter of Kant's Be Beat. They afterward sold this sow to Mr. Geo. W. Seckman, of Ripley, Ill., at \$630. Mr. John Weighton, of Audubon, Iowa, secured S. E.'s Model VIII, a litter mate to S. E. Model IX, at \$600. Not one sow in the entire offering sold for less than \$50, yet there were many bargains in the sale. Col. Judd McGowan opened the sale and was assisted in a most satisfactory manner by Colonels Reppert and Kell. A list of sales follows:

Foust's Pride 71088 four years, E. H. Deal & Son, Elwood, Ill.	\$605.00
S. E.'s Model VIII. 30994, three years, John Weighton, Audubon, Iowa	600.00
Lucy Wonder XXI. 35240, six years, Stansell & Matern, McNabb, Ill.	75.00
Belle of Boone 77748, four years, N. P. Ewing, McLean, Ill.	155.00
Violet 91406, two years, Hanks & Bishop, New London, Iowa	125.00
Lucy Brooklyn IV. 705840, two years, L. C. Posten, Corydon, Ia.	105.00
Zulu 114140, two years, A. P. Alsin, Boone, Iowa	105.00
Happy Thought 119734, two years, Thos. Johnson, Columbus, Ohio	225.00
Creamie, two years, T. E. Laurie, Jacksonville, Ill.	150.00
Mack's Best, two years, A. W. Harris & Sons, Morganfield, Ky.	90.00
Gilt, J. H. Williams, Clinton, Ill.	77.50
Substitute, two years, W. T. Gatton, Springfield, Ill.	140.00
Gilt, J. H. Williams	50.00
Lib C. III. 126870, John C. McCune	92.50
Gilt, J. G. Norton, Elwood, Ill.	82.50
Substitute, John M. McCune	77.50
Gilt, M. Zimmerman, Hadley, Ill.	50.00
Fall yearling, same	50.00
Fall yearling, Pleasant Valley Stock Farm, Climbing Hill, Iowa	75.00
Hilda 39952a, two years, T. E. Laurie	127.50
Queen Success 41796a, one year, Alec Knudson, Broadhead, Wis.	50.00
Emma Manifold, Fred Allen, Ripley, Ill.	60.00

Fall yearling, Thos. Stephens & Son, Carlock, Ill.	77.50
Fall yearling, Thomas & Hogsett, Golden, Ill.	150.00
Fall yearling, same	100.00
Gilt, H. B. Griffiths, Bowen, Ill.	82.50
Gilt, John McCune	102.50
Gilt, J. H. Williams	55.00
Gilt, P. Alsin, Boone, Iowa	105.00
Gilt, Myron F. Caltridee, Bryan, O.	50.00
Substitute, Frank Myers, Maryville, Mo.	50.00
Gilt, John McCune	77.50
Bianca B. 136976, two years, Fred Kraschel & Son	80.00
Gilt, Ira Jackson	77.50
Gilt, McNeil Bros.	50.00
Gilt, F. O. Zimmerman, Versailles, Ill.	55.00
Gilt, T. E. Laurie	57.50
Gilt, John Hess, Ripley, Ill.	57.50
Gilt, same	50.00
Gilt, J. H. Williams	57.50
Gilt, H. B. Griffiths	125.00
Elvira Good 105346, three years, W. C. Whittney, Agra, Kan.	75.00
Gilt, Thomas & Hogsett	55.00
Gilt, Alec Knudson	75.00
Gilt, Turner Able & Son, Rochester, Ill.	65.00
Fall yearling, White & Dewey, Shannon City, Iowa	85.00
Perfect Gold Dust XXXVI. 119710, two years, John McCune	50.00
Gilt, Stansell & Matern	80.00
Substitute, R. J. Harding, Macedonia, Iowa	122.50


SUMMARY.

52 head	\$5,290.00; average...\$101.73
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Henry Dorr's Poland Sale.

One of the successful sales of the season was held at Remsen, Iowa, on February 5th. It was handled by Colonel Woods, so that it is needless to say that everything passed off smoothly. The blood of Dorr's Tecumseh and Hands Down was in great demand on the date mentioned, and as a result prices averaged well throughout. At the close of the sale disappointment was expressed that there were not fifteen or twenty more head, as there were a number present who wanted a little more of Mr. Dorr's kind of Polands. Following is a list of the sales made:

Lot.	Price.
1. Held Bros., Hinton, Iowa	\$60.00
2. Ralph Meecham, Larabee, Iowa	60.00
3. A. J. Brower, Sioux City, Iowa	55.00
4. A. F. Bolin, Quimby, Iowa	50.00
5. F. C. Wirt, Marcus, Iowa	50.00
6. Elmer Warner, Kingsley, Iowa	49.00
7. Henry Bros., Le Mars, Iowa	29.00
8. Fred Tangeman, Peterson, Iowa	56.00
9. Andrew Nelson, Meriden, Iowa	36.00
10. J. C. Milburn, Truman, Minn.	35.00
11. Joe Jackson, Meriden, Iowa	35.00
12. Matt Lanners, Remsen, Iowa	50.00
13. D. S. Needham, Woodward, Iowa	51.00
14. M. McKeever, Marcus, Iowa	27.00



# Marlin

The Marlin Model '92, .32 caliber, uses .32 short and long rim-fire, also .32 short and long center-fire cartridges all in one rifle. These cartridges are satisfactory in every way but much lower in price than other .32's.

This Marlin is the only repeater made for these sizes. It is much more effective than a .22 caliber on such game as hawks, owls, foxes, woodchucks, squirrels, geese, etc.

Described in detail in our complete 136-page catalogue, mailed free for six cents postage.

**The Marlin Firearms Co.,**  
135 Willow Street, New Haven, Conn.

16. Martin Letshe, Remsen, Iowa	26.00
17. Andrew Nelson	32.00
18. J. C. Milburn	36.00
19. Frank Littlefield, Cherokee, Iowa	51.00
20. J. C. Milburn	41.00
21. W. J. Crow, Webb, Iowa	57.50
22. Henry Quirm, Marcus, Iowa	50.00
23. J. H. Watson, Madrid, Iowa	50.00
24. J. W. Royer, Kingsley, Iowa	37.00
25. D. H. Postel, Marcus, Iowa	41.00
26. O. P. Woodward, Rodney, Iowa	35.00
27. Roy Rockwell, Paulina, Iowa	40.00
28. H. R. Bell, Lawton, Iowa	33.00
29. Will Colling, Remsen, Iowa	40.00
30. Henry Bros.	34.00
31. Bert Fry, Plainfield, Iowa	59.00
32. Adam Nagel, Remsen, Iowa	31.00
33. Same	31.00
34. Same	31.00
35. Same	31.00
36. Same	31.00
37. Held Bros.	38.00
38. E. W. Crisman, Sioux Rapids, Ia.	39.00
39. Roy Rockwell	41.00
40. Adam Nagel	42.00
41. Bert Fry	27.00
42. Dave Anderson, Marcus, Iowa	31.00
43. Adam Nagel	34.00
44. Bert Fry	39.00
45. Fred Tangeman	37.00
46. Bert Fry	30.00
47. Joe Wirt, Marcus, Iowa	30.00
48. Henry Martin, Remsen, Iowa	32.00
49. Adam Nagel	31.00
50. Same	31.00
51. Snyder Bros., Cleghorn, Iowa	27.00
52. Bert Fry	35.00
53. Frank Stuntebeck, Remsen, Iowa	40.00
54. Bert Fry	32.00
55. Ralph Meecham	37.00
56. Rob Henry, Le Mars, Iowa	34.00
57. Snyder Bros.	32.50
58. Phil Dorr, Remsen, Iowa	26.00
59. O. H. Briggs, Marcus, Iowa	36.00
60. W. A. Bladen, Coleridge, Neb.	32.00
61. Chas. Schwarzenbach, Coleridge, Neb.	31.00
62. Adam Nagel	39.00
63. Fred Tangeman	25.00
64. Harry Clark, Washta, Iowa	35.00

Arch Brown's Sow Sale.

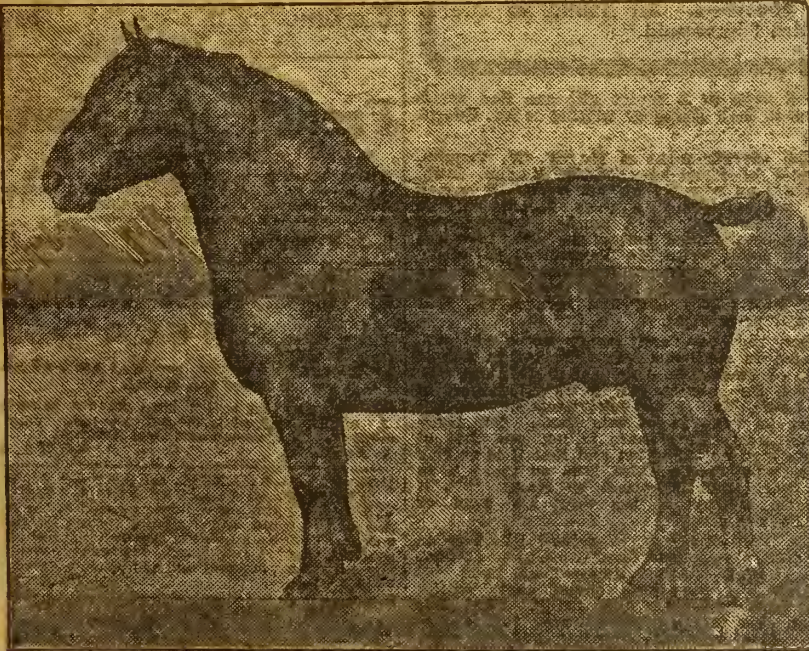
One of the best Duroc Jersey sow sales of the season was made by Messrs. Arch Brown & Sons, of Waterloo, Neb., on February 8th. A most representative lot of breeders were present, as well as a good farmer attendance, and the sale was snappy from start to finish. The offering was in excellent condition and an average of \$63.08 was made on forty-two head. The great brood sow, Beatrice Queen, topped the sale at \$450, and was purchased by Mr. O. E. Osborn, of Weston, Iowa. She is one of the greatest Duroc Jersey brood sows, and if ever a sow was worth the money, she is. Mr. Osborn has never purchased a sow that

has a better right to put him and his herd in the front rank than has this great sow. She is worth a great deal more than he paid for her, and he will mate her with the great Ohio Chief. Colonel Tom Callahan cried the sale. Below is a list of buyers:

Lot.	Price.
1. O. E. Osborn, Weston, Iowa	\$450.00
2. Von Seggern Bros., Wisner, Neb.	86.00
3. J. T. Armstrong, Clarks, Neb.	51.00
4. Cuba Bros., Schuyler, Neb.	50.00
5. Jas. Collins, Creighton, Neb.	55.00
6. Wm. Miller, Malvern, Iowa	65.00
7. R. R. Steele, Cedar Rapids, Neb.	70.00
8. Same	51.00
9. W. A. Rankin, Carson, Iowa	70.00
10. A. P. Weightman, Sidney, Iowa	52.50
11. J. H. Ohlm, Mead, Neb.	42.00
12. R. R. Steele	40.00
13. Jacob Wernsman, Cedar Bluffs, Neb.	44.00
14. A. P. Weightman	51.00
15. L. P. Larson, Valley, Neb.	50.00
16. Jonas Lindquist, Hooper, Neb.	70.00
17. J. T. Armstrong	55.00
18. Smith Brown, Waterloo, Neb.	60.00
19. H. A. Hamilton, Mead, Neb.	47.50
20. John Baer, Hooper, Neb.	60.00
21. R. R. Steele	55.00
22. Geo. I. Clark, St. Edwards, Neb.	120.00
23. R. R. Steele	57.00
24. A. P. Weightman	45.00
25. J. P. Fleck, Millard, Neb.	60.00
26. John Sultz	41.50
27. L. Ingstrom, Mead, Neb.	38.00
28. J. P. Fleck	35.00
29. R. J. McCormick, Elkhorn, Neb.	39.00
30. Same	46.00
31. Cuba Bros.	37.00
32. Geo. I. Clark	60.00
33. R. R. Steele	70.00
34. J. P. Fleck	37.00
35. A. P. Weightman	52.50
36. R. J. McCormick	46.00
37. E. Z. Zohl, Cedar Bluffs, Neb.	44.50
38. Martin Dublston, Valley, Neb.	34.00
39. L. P. Larson, Valley, Neb.	61.00
40. R. B. Marshall, Willard, Kan.	50.00
41. R. R. Steele	46.00
42. Smith Brown	55.00

Steele's Duroc Jersey Sow Sale.

One of the good sales of the season was that of Mr. R. R. Steele, at Wolback, Neb., on February 1st. He is one of the enthusiastic breeders in Nebraska, and he will be one of the foremost breeders in course of a few years. He has recently purchased some of the best of foundation stock and another year will see him coming to the front with flying colors. He sold thirty-one head at an average of \$49.10, and it was the best sale ever held in that country. Col. J. P. Spearman, of Papillion, Neb., did the selling to the entire satisfaction of those present.



Castallian 62236, foaled April 4, 1904.

This is a 1,900-pound black two-year-old, one of the best bred and biggest Percheron stallions in America.



Nailstone Red Lynch 23528.

This is one of the thickest two-year-olds that we have in the barn. He will weigh close to 1,900 pounds.

The above Stallions will be sold at Watson, Woods Bros. & Kelly Company's public auction, February 26th and 27th.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Feb. 15, G. E. Everts & Son, Audubon, Iowa.  
 Feb. 15, Carl Hansen, Herman, Neb.  
 Feb. 15, Maupin & Applegate, Shelby, Mo.  
 Feb. 15, John Justice, Ankeny, Iowa.  
 Feb. 15, S. S. Puckett and M. R. Grinnell, Yellow Springs, Ohio.  
 Feb. 18, Hosea Wilson, Blair, Neb.  
 Feb. 18, A. E. Poush, Chariton, Iowa.  
 Feb. 19, J. H. Habenicht, Clare, Iowa.  
 Feb. 19, M. S. Moats & Son, Randolph, Neb.  
 Feb. 19, H. C. Sheldon & Sons, Shannon City, Iowa.  
 Feb. 20, White & Dewey, Shannon City, Ia.  
 Feb. 20, S. P. Briggs, Seward, Neb.  
 Feb. 21, E. J. Brown, Osceola, Neb.  
 Feb. 21, A. L. & U. S. G. Lynch, Mt. Airy, Ia.  
 Feb. 21, M. A. Cromwell, Gilbert, Iowa.  
 Feb. 22, A. M. Avery and Geo. H. Purdy, Mason City, Iowa.  
 Feb. 22, W. L. Addy & Son, Parnell, Mo.  
 Feb. 22, M. A. McWilliams, Wall Lake, Iowa.  
 Feb. 22, A. W. Harris & Son, Waverly, Ky.  
 Feb. 22, O. E. Mickey, Osceola, Neb.  
 Feb. 23, H. E. Watson, Edinburg, Ind.  
 Feb. 23, S. R. Murphy, Savannah, Mo.  
 Feb. 25, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 25, Wm. Sanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, Wm. W. McClelland, Clarinda, Iowa.  
 Feb. 26, M. A. Schiers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Blessing, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 26, James Williams, Marcus, Iowa.  
 Feb. 27, Geo. W. Seckman and Fred Allen, Ripley, Ill., at Mt. Sterling, Ill.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pittman, Lohrville, Iowa.  
 Feb. 27, W. J. Wendt, Marcus, Iowa.  
 Feb. 28, Geo. Karschner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Feb. 28, Geo. W. Custer, Moline, Iowa.  
 Feb. 28, J. S. Teale, Lamoni, Iowa.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 1, C. C. Wassen, Wilcox, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.

## THE ONLY WAY DUCOC CIRCUIT.

Feb. 19, E. H. Deal, Fred Schweizer & J. H. Norton, Elwood, Ill.  
 Feb. 20, John Schrotberger & Sons, C. P. Morris, W. J. Taylor, Dwight, Ill.  
 Feb. 21, Frank M. Erschen, Odell, Ill.  
 Mar. 1, C. C. Warren, Wilcox, Neb.  
 Mar. 2, A. A. & W. G. Karschner, Wilcox, Neb.

## POLAND CHINAS.

Feb. 16, J. H. Hamilton & Son, Guide Rock, Neb.  
 Feb. 19-20-21, Joint Sale, at Grand Junction, Iowa.  
 Feb. 19, J. E. Hull and J. O. Thompson, Maxwell, Iowa.  
 Feb. 19, L. L. Hedglin, Boelus, Neb.  
 Feb. 20, H. C. Neal, York, Neb.  
 Feb. 20, W. J. Crow, Webb, Iowa.  
 Feb. 20, N. C. Bassett, Jefferson, Ia., sale at Brookside Farm, one mile east of Farlin.  
 Feb. 21, T. A. Davenport, Belmont, Iowa.  
 Feb. 21, W. N. Booth, Danbury, Iowa.  
 Feb. 22, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 22, E. N. Berggren, Stanton, Iowa.  
 Feb. 23, A. J. Podendorf, Logan, Iowa.  
 Feb. 23, J. O. James, Bradyville, Iowa.  
 Feb. 26, J. E. Walker, Anita, Iowa.  
 Feb. 26, J. C. Bally, Marshalltown, Iowa.  
 Feb. 27, W. W. Wheeler, Harton, Iowa.  
 Feb. 28, F. G. Paul, Laurel, Iowa.  
 Mar. 7, Sanguist Bros., Oakland, Neb.  
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.  
 March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.  
 ABERDEEN ANGUS.  
 Feb. 15, Rosenfeld & Siverly, Kelly, Iowa.  
 Mar. 7, C. H. Seibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 March 15, E. T. Rickard, Grinnell, Iowa.  
 Mar. 19, Closing Out Sale, White Bros., Perry, Iowa.  
 March 27, J. H. Eno, Havelock, Iowa.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 28, C. J. Martin, Churdan, Iowa.  
 June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.

## SHORT-HORNS.

Feb. 15, A. H. Mattson, Loomis, Neb.  
 Feb. 20, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 21, J. Lefebure, Fairfax, Iowa.  
 Feb. 27, E. O. Wolcott, Gilmore City, Iowa.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 Mar. 7, A. H. Brett, Mason City, Iowa.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stack, Harvard, Neb.  
 Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 22, R. H. Hadley, New Providence, Ia.  
 May 31, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Halgren, Vinton, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## POLAND CHINAS AND SHORT-HORNS

Feb. 28, J. A. Penn, Alta, Iowa.  
 Mar. 6, Schnieder Bros., Dana, Iowa.

## Dates Claimed for Live Stock Sales.

## CHESTER WHITES.

Feb. 28, F. G. Paul, Laurel, Iowa.  
 O. I. C. HOGS.  
 Feb. 21, John Lefebure, Fairfax, Iowa.  
 THOROUGH-BRED HOGS AND CATTLE.  
 Feb. 19, Combination Sale Co., L. D. A. Snyder, Sec., Manchester, Iowa.  
 SHORT-HORNS AND DUCOC JERSEYS.  
 Feb. 25, W. C. Cameron, Herman, Neb.

## PERCHERONS.

Feb. 19, J. M. & J. C. Robison, Towanda, Kan.  
 Mar. 6, W. R. Wilson, N. D. Merrill and others, Arispe, Iowa.  
 March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

## JACKS AND JENNETS.

Mar. 2, W. J. Finley, Marshall, Mo.  
 Mar. 5, L. M. Monstee & Sons, Smithton, Mo.

## HIGH-GRADE SHIRES.

Feb. 26, W. D. Pittman, Lake City, Iowa.

PERCHERONS AND CLYDESDALES.

Mar. 7, A. H. Brett, Mason City, Iowa.

## HEREFORDS.

Feb. 21, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 27, 28, Combination sale at Kansas City, Mo., C. R. Thomas, Mgr.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

## FIELD NOTES.

Mr. J. B. McAllister, of Palo, Iowa, breeder of Poland China swine, writes he is all sold out of boar pigs, but that he still has a very fine yearling for sale.

The announcement is made in our date claim columns this issue of a closing out sale of Aberdeen Angus cattle by Messrs. White Bros., of Perry, Iowa, on March 19th.

Mr. Geo. S. Prine, of Oskaloosa, Iowa, is offering some Berkshire sows safe in pig to state fair prize-winning boars, for sale in his advertisement that appears on this page of this issue.

Mr. H. D. Clore, of Lucas, Iowa, is offering choice re-cleaned Medium red clover seed for sale of his own raising. Write him for prices and sample as per advertisement on page 14 of this issue.

Mr. A. Bailey, of Anita, Iowa, is offering three Clydesdale stallions for sale; two are three-year-olds, one a two-year-old. In his advertisement that appears on this page he states that these stallions are of the best of

## POULTRY ADVERTISERS REPORT SPLENDID RESULTS FROM HOMESTEAD ADVERTISING.

INQUIRIES RECEIVED "FROM INDIANA TO WASHINGTON"—SATISFACTORY SALES OF POULTRY AND INCUBATORS RESULT FROM USING HOMESTEAD SPACE.

Mr. S. N. Allen, of Bethany, Mo., writes:

"Our advertisement in The Homestead has brought us inquiries from Indiana to Washington. We have sold all our hen turkeys, but still have a nice lot of young M. B. toms that are descendants of that 52-pound tom and from some of our largest hen turkeys."

Mr. W. H. Wagner, of Hebron, Neb., manager of the Hebron Incubator Co., manufacturers of Hatch All incubators and brooders, writes:

"The Homestead is proving a great puller for us."

Mrs. L. M. Estes, of Audubon, Iowa, writes:

"Please change my advertisement as per enclosed copy. I have sold all my hens and pullets and all the scored cockerels. All thanks to The Homestead, for it has sold for me every bird I have sold."

blood, their sires being full of Top Gallant blood and the dams were by Gleathan by the celebrated Lord Erskine.

Mr. E. B. Piper, of Corning, Iowa, is advertising a fine spotted Iceland stud for sale in his announcement that appears on this page of this issue of The Homestead. This animal is three years old and Mr. Piper desires to sell him at once.

Mr. V. A. Lathrop, of Marion, Iowa, has a good, growthy, well-bred White Rose Short-horn bull which he is offering for sale in his advertisement on page 40. This bull has three Scotch tops, is all red, thirteen months old and will be priced very low if taken soon.

Mr. W. W. Vaughn, of Marion, Iowa, breeder of Chester White hogs, writes that he still has a number of strong-boned, well-formed gilts bred to high-class matured herd boars, which will farrow in April and May. He is offering them for sale at reasonable prices. Write him for particulars after reading his advertisement on page 44.

Mr. A. Latimer Wilson, of Creston, Iowa, has sold his reserved three-year-old imported Percheron stallion Viena-Y 54602, to Messrs. Rogers & McElroy, of Percival, Iowa. Mr. Wilson writes that this colt only lacked twenty pounds of a ton; black as a raven, the best stallion he has imported for two years, and nothing but the price tempted him to sell this horse out of his stud. He also writes that all of his last importation of Percheron stallions are in good condition and all arrived safely and not a particle of

## PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.

DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

## JAS. E. WALKER'S

## ..Annual Bred Sow Sale..

AT ATLANTIC, IOWA, TUESDAY, FEBRUARY 26, 1907.

THIRTY HEAD of yearling fall and spring gilts, some of which were in my prize winning herd last fall. Two three-year-old daughters of Vale's Perfection. Nine yearling daughters of Perfect Chief 2d, a Francis-bred boar. 6 fall gilts, daughters of Perfect Chief 2d, a Francis-bred boar. 12 spring gilts, daughters of Corrected, by Corrector 2d. 1 fall gilt, Silver Lining, bred by John Francis & Sons. She was a member of their under a year show herd at Des Moines, Iowa, 1906. These sows will be bred to Timekeeper, a son of Keep On, bred by E. L. Jimison and to Corrected. Sale under cover and a square deal. Send for catalog.

JAMES E. WALKER,

Cols. Geo. P. Bellows, Todhunter and Goodspeed, Auctioneers.

ATLANTIC, IOWA

## WENDT'S DUCOC JERSEY SOW SALE

At the home of the Grand View Stock Farm

MARCUS, IOWA, WEDNESDAY, FEBRUARY 27, 1907.

38 HEAD Daughters of Wonder C 32393, a son of Crimson Wonder, Albion, Royal Plummer, Wendt M., Wendt's King, Wonder Again and Golden Prince II. They are bred to Wonder C, Lottie's Top Notcher, a son of Top Notcher Again, Grand King and Crimson King. Write me for catalog. Address,

W. J. WENDT,

COL. J. A. BENSON, Auctioneer.

MARCUS, IOWA

## TOO LATE TO CLASSIFY.

## Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

Address,

GEO. S. PRINE, Oskaloosa, Iowa

## For Sale or Trade

TWO Jacks, 3 and 7 years old, with quality, conformation and substance. Guaranteed sure breeders and prompt performers. Three stallions. 1 combination, 1 trotting bred, 1 draft (grade shire). One Shetland stallion. All solid color. Also 100 breeding ewes, 50 with lambs about three weeks old. Have been in breeding business in Kansas City and Jackson Co., for seven years. Other business compels me to quit. Address, Wm. Hunter, R. F. D. No. 4, or 1729 Grand Ave., Kansas City, Mo.

## FOR SALE

## A Fine Spotted Iceland Stud

Coming three years old. If you want him address at once

E. B. PIPER,

CORNING, Adams Co., IOWA

I raise them to sell.

## REGISTERED

## French Draft Mares

## FOR SALE.

TWO fillies, three four-year-old coal black, one brown, nine years old, one bay eight years old. All these mares are bred to A1 stallions.

—Come and see or write—

F. J. SVOBODA, Snyder, Neb.

## 3 Clydesdale Stallions

## FOR SALE

2 will be 3 years old this spring, 1 will be 2 years old this spring.

THEY are of the best of blood the sire being full of Top Gallant blood and the dam being by Gleathan by the celebrated Lord Erskine.

A. BAILEY, ANITA, Ia.

FOR SALE—FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES IMPORTED and native-bred, ranging in age from 3 to 6 years old and weighing from 2,100 lbs. to 2,200 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered.

C. T. Goltchou, Blair, Neb.

CHOICE POLAND CHINA GILTS BRED to M's Perfection, a splendid hog sired by Matchless Perfection Jr. If you want something good at a reasonable price write me. Address, F. L. Morse, Floyd, Iowa.

sows. Also some spring and early summer gilts, bred, and early fall pigs."

Mr. F. A. Ham, of Saronville, Neb., in sending in change for his advertisement of Duroc Jersey bred sows, found on page 44 of this issue, advises us that he has several

## DON'T BUY GASOLINE ENGINES

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 16th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.



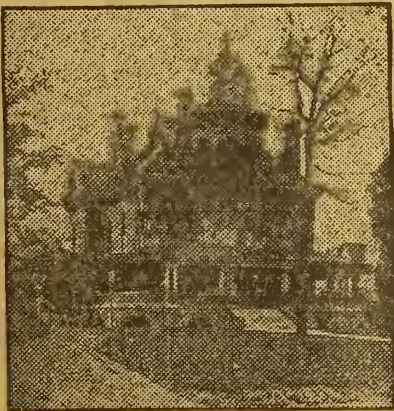
sows bred to Chief Knight and Imp. King yet for sale. He also has a few extra good September male pigs which he will close out at a reasonable price. These pigs are sired by Ham's Challenger 31277. They have good length, are extra broad, with good bone and feet. The reason that Mr. Ham wishes to sell these now is to make room for his spring pigs.

Mr. A. H. Brett, of Mason City, Iowa, in furnishing copy for advertisement on page 46, writes: "The sale catalog which we are offering the public comprises a list of the registered Percheron and Clydesdale stallions and mares, also of the Short-horn cattle that we have for sale. They represent some of the best breeding there is at the present time, and we are offering to sell these horses and cattle at private treaty, or in companies, as one desires. Our Percheron stallions at the present time number about five head. They are all young and are the low-down, blocky kind, with good bone. We also have a number of very choice colts, one being a very nice Clydesdale colt that is coming two years old, that will make an exceptionally good horse. His breeding is of the very best, coming from the imported mare, Princess of Airds, and out of the imported horse, Heir of Fame, which was the champion winner in the queen's herd of England. We have a number of very choice Clydesdale mares and colts, also, to sell, and are pricing them where the farmer can afford to buy them, and they will grow into more money than we are asking for them. Should be glad to quote prices on any or all of these horses, as desired. We are out for the business and are not asking enormous prices like a great many are doing. Our Short-horn cattle comprise some of the best imported and home-bred Scotch cattle, headed by the noted bull, Hampton's Marshall. We have a choice lot of young cows and heifers, also young bulls, ranging in age from yearlings to five-year-olds. We can spare a few straight Scotch cows and heifers of the most fashionable Cruickshank breeding. Our stock is only a short distance from the city,

## Mrs. Cora B. Miller Makes a Fortune

Started a Few Years Ago With No Capital, and Now Employs Nearly One Hundred Clerks and Stenographers.

Until a few years ago Mrs. Cora B. Miller lived in a manner similar to that of thousands of other very poor women of the average small town and village. She now resides in her own palatial brown-stone residence, and is considered one of the most successful business women in the United States.



Mrs. Miller's New Residence, Earned in Less Than One Year.

Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was besieged by so many women needing treatment that she decided to furnish it to those who might call for it. She started with only a few dollars' capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

### Million Women Use It.

More than a million women have used Mrs. Miller's remedy, and no matter where you live, she can refer you to ladies in your own locality who can and will tell any sufferer that this marvelous remedy really cures women. Despite the fact that Mrs. Miller's business is very extensive, she is always willing to give aid and advice to every suffering woman who writes to her. She is a generous, good woman and has decided to give away to women who have never used her medicine \$10,000.00 worth absolutely FREE.

Every woman suffering with pains in the head, back and bowels, bearing-down feelings, nervousness, creeping sensations up the spine, melancholy, desire to cry, hot flashes, weariness, or piles from any cause, should sit right down and send her name and address to Mrs. Cora B. Miller, Box 5386, Kokomo, Ind., and receive by mail (free of charge in plain wrapper) a 50-cent box of her marvelous medicine; also her valuable book, which every woman should have.

Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are ailing, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000.00 worth is all gone.

and the horses are kept in the city, just a few blocks from the center of town. Do not be afraid to write for prices on anything you may desire, as we are offering our cattle and horses at private treaty on a basis that will make a man good money in the future, over and above the purchase price. We are making a specialty of companies, and can place horses at prices that will be an inducement for farmers to take hold of. Write for catalog at once.

We insert an advertisement in The Homestead this week for Mr. Joseph Lyons, breeder of Poland China swine, Herman, Neb. Mr. Lyons has for sale some spring gilts, fall yearlings and mature sows bred to Dear Grove Chief and Matchless Keep On, for March and April farrow. He also has some fall pigs of both sexes that he wishes to dispose of. Dear Grove Chief is by Chief Tecumseh 3d and out of Columbia 2d. He is an 800-pound hog, with an eight-inch bone and seventy-two inch heart girth; length, seventy inches. Matchless Keep On is a fall yearling and a prize winner at the Minnesota State and Sioux City Fairs. His sire is Matchless Jr., tracing to Chief Perfection 2d, dam by the noted Keep On. He is an extra fine hog, big and lengthy, with heavy bone, fancy head and ham. See advertisement on page 46.

On page 45 of this issue will be found the announcement of Mrs. A. Alexander, of Morning Sun, Iowa, advertising for sale eight Scotch bulls. Four of these bulls are out of imported cows of the following families: Two Kilbean Beauties, two Secrets, one Victoria, one Orange Blossom, one Braith Bud, and one Augusta. Mrs. Alexander is pricing these bulls at the bargain counter price of \$150 for choice. This is certainly a rare opportunity to secure not only well-bred Scotch bulls, but those of the most aristocratic breeding. Bulls of the breeding above mentioned at the more recent sales of Short-horns have been at from \$250 to \$325 each. It would be a pleasure to Mrs. A. Alexander, the manager, to write a complete description of any one of these bulls to any prospective purchaser. When writing, kindly mention The Homestead.

### REGISTERED FRENCH DRAFT MARES.

On page 28 of this week's Homestead will be found the advertisement of Mr. F. J. Svoboda, of Snyder, Neb., who offers registered French draft mares and fillies for sale. They are good ones and he is pricing them right.

### LAST CALL FOR CARL HANSEN'S SOW SALE.

On February 15th, Mr. Carl Hansen will make his first annual Duroc Jersey sow sale at Herman, Neb., and will put forty head through the sale ring. It is a splendid lot of sows and he deserves a good sale. You will not have time to write for a catalog. The thing to do is to go to the sale.

### LAST CALL FOR HULL & THOMPSON'S POLAND SALE AT MAXWELL, IOWA.

For the last time we desire to call the attention of Poland China breeders to the coming sale of Messrs. J. E. Hull and J. O. Thompson, at Maxwell, Story county, Iowa. This collection will consist of forty head of carefully selected individuals from the two herds. There will be something there for everybody whether they want anything fancy or real large, growthy stuff. Write for a catalog at once and plan to attend. You will find the offering first-class in every respect.

### PERCHERON MARES FOR SALE.

Anyone wanting some good Percheron mares should write or go and see Messrs. Rhea Bros., Arlington, Neb. They have a number of good mares for sale, and the best lot of Percheron stallions that they have ever owned. They have a lot of black two, three and four-year-olds, some of which will weigh a ton. They sell their own horses, and therefore save the buyer the middleman's profit. It will pay anyone wanting Percheron stallions or mares to go and see Messrs. Rhea. Write them at once about what they are offering and mention The Homestead.

### ERSCHEN'S DUROC SALE.

Mr. F. M. Erschen, of Odell, Ill., offers to Homestead readers one of the good offerings of Duroc sows to be sold this season. He has been a good buyer from the best herds throughout the east and west. Stock from this herd has gone out and done well for other breeders. This is what men may expect if they secure good sows from this herd. The catalogs are out and will be sent to all who write for it as per the advertisement on page 42 of this issue. Bids sent to Mr. D. M. Pierce in care of Mr. Erschen will be properly handled. Kindly mention this paper when writing.

### A POLAND AND CHESTER OFFERING.

Mr. F. G. Paul will hold a public sale at Laurel, Iowa, on Thursday, February 28th, at which time he will sell twenty-five head of richly-bred Poland Chinas and the same number of Chester Whites. The offering in both breeds consists of tried sows and gilts. Prince Donald 101473 has been Mr. Paul's Poland herd boar and has left a valuable impression on the herd. The Chester herd boar is Laurel Winner, an extra good one and a great breeder. The sale will be held in the Exchange Pavilion, so that the character of the weather will not affect the event in the least. Send for catalog to Mr. F. G. Paul, Laurel, Iowa, and please mention The Homestead when you write.

### TAYLOR-MORRIS-SCHROTBERGER DUROC SALE.

The second day of the "Only Way" Duroc circuit is taken by three of the good breeders of Illinois, Messrs. W. J. Taylor, C. P. Morris and John Schroetberger & Sons, of Dwight, Ill. These gentlemen have been among the best breeders of Durocs in their community and have gone out and bought the best to be had. Forty head have been selected from these herds and the breeders who are in the market for well-bred Durocs should plan to be present at this sale. We have for the past few months called attention to the various herds in this circuit, but we wish to recommend this offering in point of breeding and individuality. The catalogs are now ready and will be sent to all who write for same as per the advertisement on page 42. Bids sent to Mr. D. M. Pierce, in care of any of these consignors, will be prop-

Scotch and Scotch topped

# Short-horn Cattle

AND

## Duroc Jersey Bred Sows

TO BE SOLD AT

Herman, Neb., February 25, 1907

18 Females and Young Bulls.

I am selling some splendid Scotch and Scotch topped young bulls, and some excellent Scotch and Scotch topped young heifers. These will be sired by such well known Scotch bulls as Imp. Victoria's Count 195220, Chief Lavender, Scottish Count, Red Bud, Lochinvar and Royal Fancy.

### 36 HEAD DUROC JERSEY BRED SOWS

These are all gilts of March farrow and are sired by West's Duroc 43017, Russell's Choice 43019, and Gold Dust Model 44291. These gilts are bred in the blood of the most noted sires of the breed. They have plenty of size, and are nearly all bred for early farrow. I am offering a high-class lot of sows in this sale. Write for catalog and kindly mention Iowa Homestead. Address.

## CAREY CAMERON, HERMAN, NEB.

Cols. Geo. P. Bellows, Brass and Jensen, Auctioneers.

## PUBLIC SALE OF Poland Chinas and Chester Whites

BY F. G. PAUL

Exchange Pavilion, Laurel, Iowa, Thursday, Feb. 28th.

The offering will consist of twenty-five head of bred Poland China sows and gilts and one two-year-old herd boar. The herd boar is Prince Donald 101473. The sows are principally of Nemo L. Dude and Perfection breeding. There will also be twenty-five head of Chester White bred sows and gilts and one yearling herd boar, Laurel Winner. For further particulars, address,

F. G. PAUL, - - LAUREL, IOWA.

## Custer's Duroc Jersey Sow Sale

at the Park Livery Barn,

Moville, Iowa, February 28, 1907

40 HEAD, including some of my very best brood sows, yearlings and spring gilts. These are sired by Jumbo Giant, a son of the noted boar, Jumbo Red, Royal Triumph, Phil Clark 2d, Iowa Model and King James. They are bred to Jumbo Giant, Royal Triumph, Rockefeller and Square Deal. I am selling a grand lot of sows, particularly strong on feet and all carrying a heavy bone and good length. Write me at once for catalog and come to my sale. Address,

GEO. W. CUSTER, Moville, Iowa

COL. PAT MCGUIRE, Auctioneer.

erly handled. Look up the advertisement and mention The Homestead when writing.

### CUSTER'S DUROC JERSEY SOW SALE.

On February 28th, at the Park livery barn, Moville, Iowa, Mr. Geo. W. Custer will make his annual Duroc Jersey sow sale, and will put forty head through the ring. This is the best offering that Mr. Custer has ever sold, and they will be in splendid condition. They are mostly sired by Jumbo Giant, a son of old Jumbo Red; Royal Triumph by Royal Plummer; Phil Clark 2d, Iowa Model and King James. They will be bred to Jumbo Giant, Royal Triumph and Square Deal, a son of Tokio by Oom Paul, out of an American Royal dam. He is putting in a splendid Orion sow in this sale, also granddaughters of the great American Royal, Jumbo Red, Royal Plummer and other good boars. One of Mr. Custer's hobbies, and a good

bobby it is, and more will have to pay attention to it later on, is a good, lengthy sow with a strong back, a good big bone and standing square on its toes. He is putting in a good bunch of this kind. He has selected his best gilts from among 200 head, and he only sells the best. His yearlings and matured sows, which make up about half the offering, are the pick of the herd. You will not go wrong if you attend the Geo. W. Custer sale. If you want sows you will be sure to buy if you are with him on sale day. Write at once for catalog and mention The Homestead.

### MOATS & SONS' SOW SALE.

On February 19th, Messrs. M. S. Moats & Sons will make their annual Duroc Jersey brood sow sale and it promises to be the best they have ever held. The three grand show sows that attracted so much fa-



# IF YOU WANT THE BEST BRED SOWS OF THE BREED, THEN WAIT FOR THE ... LOGAN VALLEY DUROC JERSEY SALE CIRCUIT ...

Daughters of the world's most famous sires in the sale, such as Proud Advance, Orion, Dandelion, Reed's Banker, Glendale Chief, Col. Roberts, Long John, Trone's Oom Paul, Belle's Chief and others.

## Feb. 26th--Homer, Neb.--From The Herd of George C. Blessing 40 HEAD--MOSTLY FALL AND SPRING YEARLINGS AND AGED SOWS

Twenty head of these are daughters of the noted boar, REED'S BANKER, a full brother to Proud Advance. Others are sired by Mammoth John, a son of old Long John, and other good boars. The most of these are bred to the famous sire and show boar, MISSOURI GOLD FINCH, first-prize boar at the Missouri State Fair and at the American Royal. Catalog now ready. Write for it. Address, Col. J. L. Luther, Auct.

GEORGE C. BLESSING, HOMER, NEB.

## FEB. 28, LYONS, NEB.--THE TOPS OF THE W. J. STONE HERD--40 HEAD, 10 AGED SOWS, REST SPRING GILTS.

I am selling Proud Ady, by Proud Advance, out of the Iowa State Fair sweepstakes sow, Royal Blossom 5th, that recently sold for \$600. This sow topped the Shade sale last year. Also selling some good daughters of Onimode, by Red Chief, Barton 40597, by Belle's Chief and Davy 40599. I am selling my very best gilts in this sale. Write at once for catalog. Address, COL. J. L. LUTHER, AUCTIONEER.

W. J. STONE, LYONS, NEBRASKA.

## March 1st--Lyons, Neb.--The Tops of the Herds of E. F. La Rue 40 Head--8 Matured Sows, the rest gilts

The matured sows are sired by Col. Roberts, a son of the great boar, Owen, and Glendale Chief. The gilts are sired by Monarch L. and Alix. I am selling four good granddaughters of Jumbo Red. They are bred to Radiator, the boar that Professor Burnett used at the Nebraska Agricultural College; Prince Regent and R. Gold Dust by Gold Dust Jim. You will find my offering an extra good one in every way. Write for catalog. Address, Col. J. L. Luther, Auct.

E. F. LA RUE, LYONS, NEB.

## March 2d, Lyons, Nebraska--A Great Offering from the Herd of W. A. Peterson

35 of the Tops--10 yearlings and aged sows, the rest spring gilts. Sired by old Dandelion, Long Orion, Acme and Dandy Orion, and bred to Jumbo John 53403 and a son of Top Pride. I have culled all my gilts and nothing but the very best will be offered. The blood of Orion, Proud Advance and Long John makes up my herd. Write me for catalog. Address, Col. J. L. Luther, Auct.

W. A. PETERSON, LYONS, NEB.

Send for Catalogs to any of the above Breeders and mention Iowa Homestead.

avorable attention and comment at the fairs this season are to be sold, cataloged only as attractions, and they certainly ought to attract the attention of the best breeders in the land. Challenger's Lady, too, will not be overlooked, she by the great Duroc Challenger, her dam by Duroc King Jr. Talk about your brood sows and the brood sow type, here is where you can get it, and surely this breeding will please you. There is also a half sister to Junior Jim, the sensational boar, about whom so much is being said at this time. Nona Roberts, by Lord Roberts, is another grand sow, something that you would be pleased to point to in your herd at any time. We could go on and fill a page about the good things in this sale, but it hardly seems necessary, as the catalog will tell all of that. But here is just one more, a gilt out of Rosella, a half sister to Junior Jim, the second dam by Improver II. The gilt is sired by Duroc Challenger's Wonder and is now safely bred for an early litter to Chimes Advance. Here is a combination of blood lines that must command your attention. If you want Duroc Jersey brood sows and you want to buy them from a reliable firm, then be sure to attend the M. S. Moats & Sons sale at Randolph, Neb., on February 19th.

## THE DEAL-SCHWEIZER-NORTON DUROC SALE.

We wish to call the attention of our readers to the advertisement of Messrs. E. H. Deal & Son, J. G. Norton and Fred Schweizer, of Elwood, Ill., whose Duroc Jersey brood sow sale occurs on Tuesday, February 15th. These gentlemen have been breeding Duroc Jerseys for a number of years and have been liberal purchasers from the best herds. Those of our readers who have attended the public sales held by these gentlemen are familiar with the offerings which they have made. The offering is superior this year to any which these gentlemen have heretofore made, and we wish to recommend this sale to our readers who are in the market for well-bred Durocs. In our issue of last week we called attention to the boars in use in this herd. We wish again to call attention to one of the boars in particular. He is one of the best, if not the best son of Proud Advance the writer has ever seen. His dam was by Orion, and since both the sire of his dam and his sire are dead, the sows which go into this sale bred to him should find ready place in the good herds of the central West. This boar has been recorded as What You Say. We wish this week to call attention to some of the females found in the offering which we are sure will please the most discriminating buyers. Iola is an April gilt sired by Golden Hero and out of Hillie's Model. This gilt is a litter mate to Auditor D., the second-prize boar pig under six months at the Illinois State Fair, 1906, and there were many present at the ringside who would have placed him in first position. A litter mate to Iola goes into this sale bred to What You Say. Two very good April gilts are listed out of the same dam as Red Carnation and Red Lady, sows which have done much for Mr. N. B. Cutler, of Carthage, Ill., and Mr. Ed A. Baxter, of Pawnee, Ill. These two gilts go into the sale bred to Auditor D. and Double Track. One of the best gilts in the sale is a daughter of Advance Col., one of the good boars in use in the herd of Messrs. T. W. Stoner & Son, of Henry, Ill. She combines the blood of Proud Advance, Orion, Stoner's Improver, Echo King, Seusation and None Such. Mr. Breeder, how many have you had the opportunity of bidding on, during the past season, that have combined the blood of such noted sires? This gilt is safe in pig to the service of Auditor D. Mr. J. G. Norton sends forward a fine lot of sows sired by King Ely, he by Ely's Improver; Double Track, he by Echo King, and out of Belle Nebraska, one of the good daughters of Nebraska Belle. These gilts are large and smooth, and have been mated to good boars. Mr. Fred Schweizer in making up his consignment was particular to get the good ones, and we feel sure that the offering throughout is a good one. A very fine gilt is called Belle Odell. She topped Mr. Frank Erschen's sale last fall and is a daughter of Tip Top Mober, and out of Rose O'Grady, a sow

which did much good in the herd of Mr. Geo. W. Seckman. This gilt goes into the sale bred to Auditor D. Jewell's Pride, by Fashion Boy, is a litter mate to Switzer Case, the sow which went to Mr. Ed A. Baxter's herd last spring. Two daughters of Champion Paul, and out of Topsy Topsy by Tip Top Notcher, go into this sale, one bred to Fashion Boy and the other to What You Say. Look up this sale and plan to be present at the entire "Only Way" circuit, which begins with this sale. Kindly mention The Homestead when writing for catalog. Bids sent to Mr. D. M. Pierce, Homestead representative, will be properly handled. See advertisement on page 42.

WATSON'S DUROC JERSEY SALE. Mr. H. E. Watson, of Edinburg, Ind., will hold a brood sow sale on Saturday, February 23d, in which are included sows that will do well in the best herds of this country. The writer has carefully inspected the offering and is pleased to assure readers of The Homestead that they will not be disappointed in the offering. The sows which have been selected include many which Mr. Watson had intended to keep for his own use. This sale was not planned early in the season, and it was only after a number of breeders had asked Mr. Watson to hold a brood sow sale that he decided to give the public an opportunity to secure good breeding stock from his noted herd at their own figures. Mr. Watson is one of the foremost breeders of Indiana, and has at the head of his herd the great show and breeding boar, High Chief, one of the best sons of Ohio Chief. A number of the offerings are either sired by this noted boar or are bred to him. Others are sired by Ed's Colonel, Top Notcher Chief Ohio King, Baker's Bred Right, Sure Winner, Uncle Ned, E. K.'s Colonel, High Ohio Chief, John's Ohio Chief, Sir Radiant II., Perfect Lad, Day's Star, Perfect, American Chief, Duckworth Col. and others of equal note. Western breeders may not be familiar with some of these boars and we wish to state that they represent the blood lines which have placed some of the very best herds of Indiana and Ohio at the top round of the ladder. The boars to which these sows are bred are as follows: Fourteen bred to High Chief, said by Mr. S. E. Morton to be the best son of Ohio Chief; eight bred to Colonel Scott by Carl's Col., and full brother in blood to Prince of Colonels. Eight head are bred to Watson's King by Perfect King by King of Kings. There are several bred to other boars of equal note. Plan to be present at this noted sale, as it can easily be reached from the sale of Messrs. Amos W. Harris & Sons, at Louisville, Ky., the day before, and western breeders can reach their homes on Sunday. Bids sent to Mr. D. M. Pierce, Homestead representative, in care of Mr. Watson, will be properly handled. Plan to be present at this sale. Further information may be had from catalog, which will be sent promptly, as per the advertisement on page 31 of this issue. Kindly mention The Homestead when writing.

## D. J. Pollock's Duroc Sale.

The sale of Mr. D. J. Pollock held February 1st at Thayer, Iowa, resulted in uniformly good prices throughout, though the offering itself was an exceptional one and each individual merited the brisk bidding that it commanded. Mr. A. L. Mossman, of Radcliffe, Iowa, topped the sale, paying \$130 for Fantless 12314. Among the buyers were: W. T. Jones, Independence, Mo.; F. Fowler, Menlo, Iowa; Geo. R. Manifold, Shannon City, Iowa; A. W. H. Orr, Lormor, Iowa; J. M. Hoskinsou, Corning, Iowa; L. V. Imes, Peru, Iowa; M. F. Buchanan, Lamoni, Iowa; E. P. Blaisdell, Afton, Iowa; Frank Sherr, Afton, Iowa; E. Schumacher, Afton, Iowa; F. M. Iluff, Afton, Iowa, and H. M. Moore, Orient, Iowa.

## SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## DISPERSION SALE OF THE NOTED PATRICK GLEESON HERD

# Short-horn Cattle

AT OAKLAND, NEB., FEB. 28, 1907.

62 HEAD 15 Bulls, 47 Females, including Two Good Herd Bulls.

## COUNT WATERLOO 151016

Victorious 121467 ..... W. A. Harris  
Waterloo Duke of Hazel-  
hurst 6th ..... Peculated Wild Eyes 109348 ..... H. M. Vail  
Waterloo Duchess 5th ..... 31st Duke of Airdrie 50831 ..... A. J. Alexander  
Imp. Waterloo D. 3d ..... Waterloo Earl (32816) ..... E. H. Cheney

## CLOVERLAWN SULTAN

Imp. Craibstone 150955 ..... G. Anderson  
Imp. Peony Rose 2d ..... Fitz Allen (76688) ..... H. R. Macrae  
Primrose 4th ..... Dennaberill (67893) ..... J. Wilson

All our breeding cows, heifers and young calves. The Scotch families are represented by the Queen of Beauties and Orange Blossoms. One of our best Queen of Beauty heifers is safe in calf to the noted bull, Choice Goods, and she is a proposition for some good breeder to buy. There will also be some good Rose of Sharons, Wild Eyes, Sanspareils, Oxfords and other well known families. Everything must be sold to settle up the estate. Catalog now ready. Address,

## GLEESON BROS., OAKLAND, - - - NEBRASKA.

COL. F. M. WOODS, AUCTIONEER.

## THOMPSON'S .. JACK AND JENNET SALE ..

At Daviess Co. Jack Farm near Kidder, Mo., Wednesday, March 6th.  
40 HEAD--16 ALL BLACK REGISTERED JACKS, 25 JENNETS FROM FOALS TO MATURE AGES

Every animal is guaranteed as represented. The jennets are the big, growthy kind. My catalog contains illustrations true to life. Write for same, addressing

## J. S. THOMPSON, - - - KIDDER, MO. HARRIMAN & SPARKS, AUCTIONEERS.



Central  
Iowa**DUROC JERSEY SALE CIRCUIT**

The blood of such noted winners as

Proud Advance, Junior Jim, Orion, Glendale Critic, Ohio Chief, Nebraska Belle and Rural, and Daughters of Junior Jim, Glendale Critic, Proud Advance Again, Orion, and out of Nancy VII, the great show sow, and Clear the Way, the best son of Nancy VII.

**"Nancy" Duroc Sows at Auction**

Sale to be held on the farm six miles northeast of

**Glidden, Iowa, Monday, Feb. 25, '07**

There will be about fifty head in the sale, twenty of them tried brood sows, the balance spring gilts. The grand brood sow, Beatrice, by Orion, dam Kruger Maid by Long John, is one of the attractions; also a spring gilt by Orion, her dam the sweepstakes sow, Nancy 8th; Williamette, one of the best brood sows on the farm; two gilts by Critic's Echo out of a Nancy sow; two by the \$5,000 Junior Jim, their dam by Golden Perfection; two by Rural out of Old Gold Lady. They are bred to Proud Advance Again, a pig by Orion, dam by Echo King; Nancy's Orion by Orion, dam the sweepstakes sow, Nancy 8th, and some to a son of I Am A Wonder out of an American Royal dam. Attractions for everybody. A carefully selected lot of stuff. Come to the sale and buy a good one at your own price.

**W. A. STAPLES & SON, Glidden, Iowa.**

COL. F. F. LUTHER, Auct.

**Lake City, Iowa, Tuesday, Feb. 26, '07**

I will offer at my farm near town

**35 Head of strictly choice Brood Sows 16**

gilts, rest yearlings and matured sows.

I am offering nine granddaughters of the great Nebraska Belle in my sale, three choice gilts by Ohio Chief and a great many granddaughters of old Orion. The blood of Nebraska Belle is to be found in my offering, also of June Choice Again by the great Tientsin, the sire of Ruberta, the highest-priced Duroc Jersey sow ever sold, and a first-prize Iowa State Fair winner. I am selling some choice Ohio Chief gilts out of a Belle's Echo, a son of Nebraska Belle. There will also be some good gilts in the sale by old Orion, Young Advance, Goldie O.'s Top Notcher, King James and Orion II. These will be bred to Pittman's Ohio Chief and Clear the Way. The sows I am putting in are an excellent lot and some of them I hate to part with, but I am going to sell the best and I want the breeders to attend my sale, whether they buy or not. I will also sell twenty head of high-grade Shire horses and mares, and two good driving teams. Write me for catalog.

Col. F. F. Luther, Auct. **W. D. PITMAN, Lake City, Ia.****February 27, 1907****40 Head Yearlings, Matured Sows 40**  
and some Choice Spring Gilts

Three of these are sired by Orion; a litter sister to one of them sold in my last March sale for \$205; two by Crimson Wonder I am; three by Proud Advance; one by American Royal; others by Peerless Orion, Young John, West Side, and Tientsin, the sire of the \$1,500 sow, Ruberta. These will be bred to my great young breeding boar, Young Advance by Proud Advance, Orion Jr. by Orion, and W. D.'s Ohio Chief. Come one; come all, and see a fine lot of massive sows go through the ring.

I will also sell 1 Queen Mother and 3 Easter Tulloch Duchess Aberdeen-Angus bulls in my sale. Send for catalog.

**J. W. PITTMAN, Lohrville, Ia.**

COL. F. F. LUTHER, Auct.

Write any of the above breeders for catalog and mention Iowa Homestead.

**SPECIAL REQUEST****High Chief Brood Sow Sale!**

HELD BY

**H. E. WATSON, EDINBURG, INDIANA**

ON

**SATURDAY, : FEBRUARY : 23, : 1907**

Following the Harris & Sons' Commodore Sale at Louisville, Ky. These boars are sired by Ed's Colonel, High Chief, Top Notcher Chief, Ohio King, Baker's Bred Right, Sure Winner, Uncle Ned, E. K.'s Colonel, High Ohio Chief, John's Ohio Chief, Sir Radiant II., Perfect Lad, Day's Star, Perfect, American Chief, Duckworth Col. and others, and safe in pig to the following boars: 14 bred to the great High Chief, by Carl's Colonel, said by S. E. Morton to be the best son of old Ohio Chief; 8 bred to Colonel Scott by Carl's Colonel, and full brother in blood to Prince of Colonels. He is one of the best boars in the United States today. Come and see him. Eight bred to Watson's King, by Perfect King by King of Kings. The boar, Perfect King, sold at a long price to head one of the best herds in Iowa. Will also sell six head of topky fall boars sired by High Chief. Sale to be held in sale barn in Edinburg. Send bids to Mr. D. M. Pierce, representing this paper.

**Will Also Sell Six Head of Topky Fall Boars Sired by High Chief.**Auctioneers, **TOM VINNEDGE and assistants****H. E. WATSON, Edinburg, Ind.****The Logan Valley Duroc Jersey Sale Circuit.**

One of the remaining sow sale circuits that will yet be held in northeast Nebraska is the Logan Valley sale circuit, beginning with the sale of Mr. George C. Blessing, of Homer, Neb., February 26th, and ending with that of Mr. W. A. Peterson, of Lyons, Neb., on March 2d. In this circuit of sales there will be a grand lot of brood sows, the equal of anything yet sold in Nebraska this year.

**GEO. C. BLESSING, FEBRUARY 26TH.**

The opening sale will be that of Mr. Geo. C. Blessing, at Homer, Neb., on February 26th, when he will sell forty head, mostly spring and fall yearlings and aged sows. Mr. Blessing is one of the good breeders in his section of the state. His foundation stock was secured from the very best herds and he now has a good offering to sell himself. At the head of his herd today stands the noted boar, Missouri Gold Finch, a first prize winner at the Missouri State Fair, and also at the American Royal in a hotly-contested show. His sire is old Gold Finch II., a grand champion at the American Royal, and his dam, Mary Windsor, stood fifth at the World's Fair. This hog has a rich color, a good head and ear, nice spring of rib, a good, deep ham and is right up on his feet. A sow bred to him will go well in any herd. Mr. Blessing is also using Duroc Banker, a son of old Reed's Banker, on these sows. He will put twenty daughters of Reed's Banker in this sale. They are all fall sows, except four, and the entire bunch is bred to Missouri Gold Finch. One of the best things that he will sell is Springdale Beauty by Mammoth John, a son of old Long John. Her dam is Princess by old Gold Dust Jim. She is a cracking good sow all over and is bred to Missouri Gold Finch. There are a number of splendid Reed's Banker sows in this offering. One of these is Lady Banker 1st out of Lady Long by Dandelion, and a litter sister of hers also goes in. It is a good offering all through and our best breeders should go after some of these Reed's Banker sows bred to Missouri Gold Finch. Write at once for catalog and mention The Homestead.

**JOHN H. TRYON & SONS.**

On February 27th, Messrs. John H. Tryon & Sons will make their second annual Duroc Jersey sow sale at Lyons, Neb. There are few herds in the West that are up to the standard of the Tryon herd, and we doubt if such another offering of sows will be sold this year as will go through the ring on this occasion. No breeders in the West have bought more of the good things than have this firm, and they certainly have the goods to offer the boys when they come to their sale. They will sell fifty head in this

sale. Four of these are by the great Orion, and one of these is as good an Orion sow as has ever been sold. They also sell three good Proud Advance sows and they are also very good. Most of these are bred to the \$5,000 boar, Junior Jim. There will be some good sows in the sale sired by Trone's Oom Paul, Carroll Boy and a son of old Long John. These sows will be bred to Junior Jim, West's Compromise and a son of Trone's Oom Paul. It is a grand offering from both the point of breeding and individual merit. You cannot afford to not be at this sale. Write for catalog at once and mention The Homestead.

**W. J. STONE, FEBRUARY 28TH.**

The third day of the circuit will be the sale of Mr. W. J. Stone, at Lyons, Neb. Mr. Stone is one of the well-known breeders who has bought liberally of the best foundation stock, and he is selling forty head in this sale. The gilts will be sired by Davy 40599, a grandson of Proud Advance, and Barton 40597 by Belle's Chief. One of the best sows that he will sell in this sale is Adelaide 2d, a three-year-old daughter of Onimode by Red Chief out of a granddaughter of old Jumbo Red. She is a large sow and a wonderfully smooth sow. She is well hammed down and is bred to a son of Top Pride. Mr. Stone also sells Proud Addy, a two-year-old daughter of Proud Advance, and out of the great sweepstakes sow, Royal Blossom 5th, that sold in the Shade sale for \$600. This sow topped the Shade sale last year at \$132.50. She is bred to Orion's Redeemer, a son of old Orion. Mr. Stone sells two good daughters of Onimode out of an Orion dam, bred to a son of Top Pride. He has saved only the best things for this sale. Write for catalog and mention The Homestead.

**E. F. LA RUE, MARCH 1ST.**

On the above date Mr. E. F. La Rue will sell forty head of decidedly high-class brood sows in the sale barn at Lyons, Neb., and it is an offering that any breeder could well feel proud of. This offering is not only well bred, but it is a particularly good one from the standpoint of individual merit. He is selling eight matured sows, and no breeder is offering a better lot. These are mostly sired by Col. Roberts, a son of the great boar, Owen. Mr. La Rue sells a particularly good sow sired by old Glendale Chief, and she is bred to Prince Regent, a son of Belle's King, a son of the great sweepstakes sow, Nebraska Belle. Another good two-year-old sow is Pride by Col. Roberts, and her litter sister, Gladys. One of these is bred to Radiator, the other to Prince Regent. Another good two-year-old sow is Lucy J. by Col. Roberts out of Lucy R. by Glendale Chief. She is a great big cherry red sow, of splendid conformation, and is bred to

**PUBLIC SALE**

.....of.....

**Short-horn Cattle**

at farm

**5 miles south of Rock Falls, Ill.****On Tuesday, February 26, 1907**

consisting of

**34 head cows and heifers 34**

sired by Matchless 207311 and Reformer 120790. Those not with calves at foot are bred to Beaufort's Victor's Pride and those not kin to Matchless 207311.

**7 HEAD OF BULLS**

from yearling upward. Their sire, Matchless, is also included. He is by Baron Taylor 127795, dam Daisy by Favorite of Maple Leaf 167851.

**FREE LUNCH** at 11:00 o'clock; sale to commence immediately after.

**L. A. & H. L. CHURCH****Rock Falls, Illinois**COLS. **E. J. PITTMAN** and **A. L. COE**, Auctioneers. **M. E. WILGER**, Clerk

Send for catalog. No postponement.

Prince Regent. He also sells a two-year-old daughter of the sweepstakes boar, Gold Dust Jim, and she is bred to Radiator. The gilts are mostly sired by Monarch L. by Red Chief W. C. and by a boar called Alix. They are bred to Radiator and Prince Regent. Mr. La Rue is selling a most excellent lot of sows. They are good in color, have been well grown out and it is a strictly high-class offering. He deserves a good sale because he is offering a splendid lot of sows. Write for his catalog and mention The Homestead.

**W. A. PETERSON, MARCH 2D.**

The last sale of the circuit will be that of Mr. W. A. Peterson, at Lyons, Neb., on March 2d. Mr. Peterson is one of our best young breeders and his herd is founded on a line of breeding that has won its way to the front in the best show rings in the West. He is selling thirty-five head in his sale. Ten of these are yearling sows and the remainder are spring gilts. They will be sired by the noted boar, Dandelion, that was formerly owned and shown by Messrs. Manley &

Co., and many of the best things that they won on were descendants of this old boar. He has been at the head of the Peterson herd, and many of his daughters will be found in the sale. Others will be sired by Royal Red, Acme, Onimode, Long Orion, Dandy Orion and Baxton, a son of Belle's Chief. No. 1 of catalog is a daughter of Royal Red by Jumbo Red, and out of a Peerless dam. She is a large, heavy-boned sow and is bred to Jumbo John, a son of Young John. Mr. Peterson sells one of his best old sows, called Darkie, and she has possibly made him more money than any other sow on the farm. He sells two spring gilts out of her by Dandy Orion, and a fall sow by a son of Surprise. He is selling a nice bunch of Dandelion gilts in this sale, also a good bunch by Dandy Orion. These will be bred to Jumbo John 22375, a son of Young John, and to a son of the great sow, Royal Blossom 5th. You cannot afford to miss the Peterson sale. Write for his catalog and mention The Homestead.



# Public Sale of 50 Head

OF

## Stallions, Kentucky Mammoth Jacks, Standard Bred Mares and Road Horses



AT

### Salisbury, Mo., Saturday, Feb. 23d

**I** AM the second largest Jack breeder in Kentucky. You buy from first hands--no middleman's profit. This sale will be held at my new large sale barn and will take place rain or shine. If you are looking for something extra, be sure and attend this sale. I just returned from Kentucky last week with a carload of Stallions and Jacks and they are the best that could be found. The offerings of this sale consist of Standard Bred Trotters, Imported English Shires and Percherons, and they are as good as can be found anywhere. The jacks run from 14 1-2 to 16 hands high (mule measure). The noted 16-hand jack, JUMBO, of Kentucky, is in this sale. All stock guaranteed breeders. Terms, CASH. Sale will begin promptly at 10:30 a. m.

**COL. BOB HARRIMAN,  
AUCTIONEER**

**J. P. HAMMETT**

#### The Central Iowa Duroc Jersey Sale Circuit.

It is with pleasure that we call our readers' attention to the central Iowa Duroc Jersey sale circuit, which begins with the sale of Messrs. W. A. Staples & Son, of Glidden, Iowa, on February 25th, and ends with the sale of Mr. J. W. Pittman, of Lohrville, Iowa, on February 27th. Mr. W. D. Pittman, of Lake City, Iowa, will sell on February 26th, and these three herds are as good as there are in the state. Certainly no one has any better breeding, and no other breeders have been purchasers of better stock than has gone into these three herds. It is therefore a pleasure for us to call our readers' attention to these three sales.

#### W. A. STAPLES, FEBRUARY 25TH.

The sale of Messrs. W. A. Staples & Son, at Glidden, Iowa, on February 25th, promises to be one of the best sales that will be held this season. They are offering a most excellent lot of sows in their sale and no firm deserves a better attendance from breeders than does this one. They have cataloged fifty head, among which are five daughters of the immortal Orion, two gilts by Junior Jim, one by Ohio Chief, two by Critic's Echo, a prize winner himself and a son of the great show boar and sire of prize winners, Glendale Critic. One of the good yearling sows that they will sell is Beatrice, a daughter of Orion out of Kruger's Maid, the noted brood sow. This sow belongs to the \$960 litter in the Pete Alsin herd, and she is bred to Proud Advance Again, a son of old Proud Advance. This sow is therefore a full sister to Arlon Orion J. out of the great sow, Alix. They are selling their great sow, Williamette, in this sale. She is a daughter of Indicator out of Nancy 4th, and few breeders have a better brood sow proposition than she is. She farrowed fourteen spring pigs and also fourteen in the fall, and three of these will be in the sale. This sow is a most excellent brood sow, having great length of body, a good back and a deep ham, and when in condition is not far from a show sow. Proud Nancy, a March 14th gilt out of Williamette and sired by O. Pig, a son of old Orion, is one of the good things in the sale. She is bred to Proud Advance Again. Two of her litter sisters also go in. They also sell a daughter of their noted sow, Nancy VII., in this sale. This gilt is sired by Orion and she is a good one, and she is bred to Proud Advance Again. Nancy VII., the dam of this gilt, was a show sow in the Manley herd and a leading winner. She topped the Manley sale a year ago at \$600, and was one of the best purchases he has ever made. This sow was shown as Nancy VIII., but she is recorded as Nancy VII. This was a mistake in entering her and she was since called Nancy VIII. They sold a litter brother to this gilt for \$232.50, and another for \$140 in their fall sale. About ten sows in the sale are bred to Clear the Way, a litter brother to this sow. There will be an Ohio Chief gilt in the sale out of Nancy 1st, and she will be bred to Baxter's Buddy 3d. Messrs. Staples & Son sell two daughters of Junior Jim bred to Nancy's Orion and

one to O. Pig. They also sell the dam of these, Queen of Blair, bred to O. Pig. A granddaughter of Kan't Be Beat goes in bred to Proud Advance Again, and a daughter of Clovercroft Promoter bred to Waveland Ohio Chief 10th will also be sold. Write for their catalog. It makes most interesting reading. Kindly mention The Homestead when writing.

#### W. D. PITTMAN, FEBRUARY 26TH.

On Tuesday, February 26th, Mr. W. D. Pittman will make his annual Duroc Jersey sow sale at his farm near Lake City, Iowa. He is putting up an offering that breeders and farmers cannot afford to pass by. No breeder in Iowa has bought better foundation stock than has Mr. W. D. Pittman, and he has the blood of the most noted winners in his herd. In his offering you will find the blood of the great Nebraska Belle and June Choice Again by Tientsin, the boar that sired the first-prize Iowa State Fair winner and the highest priced sow ever sold, she bringing the record price of \$1,500 in the F. E. Garrett sale. He also puts in a daughter of Tientsin in this offering. He also sells three good gilts sired by Ohio Chief and out of Fancy Ceres by Belle's Echo, a son of the great Nebraska Belle. He will sell some choice gilts by Young Advance out of Zoo V. Orion, and a few by that old hero, Orion, out of Nancy Orion. Nebraska Belle III. has three gilts in the sale sired by Goldie O's Tip Top Notcher, and they are good ones. There are a few very good gilts in the sale sired by Orion II. out of Graceful W. by King James. There are nine granddaughters of Nebraska Belle in the sale and quite a number of granddaughters of old Orion. These are bred to Pittman's Ohio Chief, a son of the great Ohio Chief, and Clear the Way, the best son of the prize-winning sow, Nancy VII., and sired by old Orion. He has also used Crimson Wonder Jr. and Zoo V. Best by Young Advance. The sows that go into this sale are an excellent lot and some he regrets to part with, and he puts them in simply as an attraction to buyers. No man has a better bred herd than Mr. W. D. Pittman and buyers will be pleased with his offering. He will also sell eighteen or twenty high-grade Shire mares and horses and a couple of good driving teams, and we can say to our readers that they are strictly high class. Mr. Pittman wants you to come to his sale whether you want to buy or not. Write him at once for catalog and mention The Homestead.

#### J. W. PITTMAN, FEBRUARY 27TH.

The last of these three sales and one of the best of the bunch will be that of Mr. J. W. Pittman, at Lohrville, Iowa, on February 27th. He will sell forty head, all yearlings and a few aged sows, and ten head of spring gilts. We want to say to Homestead readers that they cannot afford to not attend this sale, as he is putting up a good offering, and it is bred in the blood of the greatest winners known to the breed. For years we have been along the line where Mr. Pittman has purchased his foundation sows and boars, and it was only the good ones he bought. If you look over his catalog this will be very plain to be seen. He is selling three daughters of Orion, and

## 36 Richly Bred Durocs 36 At Auction

At My Farm Near Seward, Nebraska

### FEBRUARY 20, 1907

Twenty good, growthy fall yearlings, five aged sows and eleven spring gilts, bred to such boars as Fashion Improver, one of the best living sons of Improver II. Jr., champion first prize pig at Ohio and New York State Fairs last fall. My sows represent the best blood known to the breed. Write for catalog and come to the sale. Send bids to Ray Page, who will represent this paper.

**S. P. BRIGGS, Seward, Neb.**

two of these are out of Mr. Manley's show sows. A litter sister to one of these sold in his last sale for \$205, and these are far better than she was. He sells two daughters of the Iowa State Fair sweepstakes boar, Crimson Wonder I Am and they are out of a granddaughter of the great Kan't Be Beat. He also sells a daughter of American Royal, dam a litter sister to the dam of Royal Blossom 4th, the Iowa State Fair sweepstakes show sow. He will put in three daughters of the great Proud Advance, four by Young John, a few by Peerless Orion by Orion, West Side, litter brother to Crimson Wonder, and Tientsin, the sire of the great sow, Ruberta, that recently sold in the Garrett sale for \$1,500. Mr. Pittman will offer Lady Sweepstakes, the sow that won sweepstakes at the Manson fair. These will be bred to W. D.'s Ohio Chief, a son of Ohio Chief, Orion Jr. by Orion, and Young Advance by Proud Advance. Gilts sired by the last named hog have sold in three sales from \$70 to \$105, and those in attendance on sale day will like his get. The sale will be held at the farm, two miles west of Lohrville, Iowa. He is putting in a high-class lot of sows that deserve the attention of our best breeders and farmers. Write for the catalog and please mention The Homestead.

Remember S. R. Murphy Sells Durocs  
Saturday, February 23d.

Are you going to be with Mr. S. R. Murphy, at Savannah, Mo., Saturday, February 23d, at which time that great young sow, Ohio Belle, sells to the highest bidder? The man who wants tops should not miss this event. What will a litter by the Iowa champion of 1906, Crimson Wonder I Am, be worth? Then remember that Ohio Chief Again, her litter brother, has been used on many sows, among which are daughters of Proud Advance, now dead; Radiant, Perfection Chief, and other good sires. Mr. Murphy has spared neither time nor pains to make this a great event. He has the goods and it is now up to the breeders. Do you

#### The Feeders' Favorite CROW'S BIG

## Poland China

Will sell 45 Bred Sows and Gilts at  
MACLAY, Clay Co., Iowa

Wednesday, Feb. 20, 1907

SIRED by Crow's Model 30729, Up to Date 36007, Look Here 37768, Chief Tecumseh 4th 101155, and others. These are out of dams of the large, prolific type. Bred to Crow's Model, a 1000 lb., a boar of great calibre, length and size, with a 10½ inch bone. Up to Date, an 800 lb. boar at 24 months, with a 10 inch bone. He has the finish of a small hog and no boar has a better ham. Also to Corrector 24 72235. If you want bone, stretch and finish, you will get it here. It is the only kind we raise. Write for catalog, mentioning Iowa Homestead. Address, W. J. CROW, Webb, Ia.

W. R. Ritchie, F. A. Wagner, Aucts.

want them? They sell at your price. See page 40 for last announcement.

Percheron Stallions and Kentucky  
Jacks.

Under "Too late to classify" is the advertisement of Mr. C. T. Gulleton, of Blair, Neb., who offers Percheron and French draft stallions and mares and Missouri and Kentucky Jacks for sale. These jacks will weigh from 800 to 1,150 pounds, and the stallions will weigh a ton or more. Mr. Gulleton has some good horses and some good jacks and he will be glad to hear from Homestead readers. His barns are right in town and he will be glad to show visitors what he has for sale. Write him if you want stallions, mares or jacks.



# LYNDALE

# POLAND CHINAS

AT LYNDALE FARM NEAR KING CITY, MISSOURI

THURSDAY, FEBRUARY 28, 1907

**50 Head**

I am including the choicest sows in my producing herd

**50 Head**

**G**RAND MODEL 42551, one of the best sons of the \$3,000 Grand Chief, has been used on about 20 of my best sows and gilts. Fourteen are bred to Tormentor 29273, a good son of the World's Fair champion, Meddler. Others are bred to Maple Lawn's Top and T.'s Perfection, a son and a grandson of Chief Perfection 2d. Arrange to be with me, as I know the hogs will please you. Write for catalog.

**A. F. GRAVES, - - KING CITY, MO.**

COLS. BELLOW, ZAUN, KLAAS, AUCTIONEERS.

## Administratrix Sale Of "Lone Retreat" Stock Farm's

**Jacks and Jennets and Stallions--Friday, March 15th, at farm near Lawson, Mo.**  
**20 JACKS--YEARLINGS TO 9 YEARS OLD. PAST YEARLINGS ARE 14 1-4 TO 16 HANDS HIGH. 6 JENNETS FROM 3 TO 9 YEARS OLD, 4 COLTS**

Bryan 280, one of the greatest jennet jacks in America, is included. Among the stallions is the famous Jarvis 2578, a black beauty, Spion Kop 32864, a Wilkes-bred trotter. Turc 44093, a black Percheron, and Ben Hur, a bay yearling Percheron. This stock must be sold to settle the estate of the late J. C. Ray. Sale starts at 1 p. m. Lawson--On C. M. & St. P., and Santa Fe Rys., 42 miles northeast of Kansas City and 48 miles southeast of St. Joseph. Farm located in northeast corner of Clay county, 4 1/2 miles east of Holt, on C. B. & Q., and C., R. I. & P. Rys. For catalogs, write

Harriman & Sparks, Auctioneers.

MRS. LENA M. RAY, ADMX., OR C. F. CHAMBERLAIN, MGR., LAWSON, MISSOURI.



### Good Literature on the Silo.

Mr. H. C. Hargrove, of Des Moines, Iowa, has prepared a book recently, the title of which is "The Modern Way of Saving Money on the Farm." This book takes up feeding questions in detail and among other things discusses the value of the silo. It is a matter of record that every silo that was properly constructed in 1906 has given most excellent satisfaction to the men who built them, and there are many instances already reported to Mr. Hargrove where the owner considers that the silo has paid for itself already. Hay is running in price anywhere from \$10 to \$14 a ton, and those who were wise enough to store away ten or fifteen acres of good ensilage last fall are able to feed dairy cows and steers at a very much lower cost than those who are obliged to feed hay. Mr. Hargrove has had charge of building some of the best silos that have been erected in the corn belt and his prices are reasonable. We suggest to our readers that a request be sent at once for the booklet entitled "The Modern Way of Saving Money on the Farm." Address Mr. H. C. Hargrove, 316 East Walnut St., Des Moines, Iowa, and please mention The Homestead when you write.

### Last Call for the Bergren Sale.

On February 22d, Mr. E. N. Bergren, one of the best breeders of Poland Chinas in

southern Iowa, will make a public sale of brood sows at Stanton, Iowa. He is selling a grand lot of sows in this sale, daughters of G.'s Perfection, Big Perfection, Big Chief Perfection 2d, U. S. Chief 2d, Prospector, Shamrock, Big Klever and Long Wonder. Fifteen of these are fall yearlings and aged sows, and the rest are spring gilts. He is putting in some extra good daughters of Big Perfection, a boar that formerly headed the Moats herd, and was considered one of the best sires ever used in southern Iowa. Model U. S. by U. S. Chief 2d and bred to his prize-winning boar, Stunner, is one of the best things in the sale. The gilts are sired by Prospector, Big Klever, Long Wonder and Shamrock. Some of these are bred to Stunner and some to Cantrall's Corrector, a son of old Corrector. The dam of this pig is Wine On by the great Keep On. Mr. Bergren is putting up a good offering of Poland China sows and you will find both size and quality in what he has to sell. Write him at once for catalog and then attend the sale.

### High-Grade Shire Mares at Public Sale.

On February 26th, at his farm near Lake City, Iowa, Mr. W. D. Pittman, one of the best breeders in the state, will sell twenty head of high-grade Shire mares and horses and two fine driving teams. The mares are bred to imported horses, one of which has been a prize winner across the water. They

are in nice condition and are an exceptionally good bunch. The driving teams are also a splendid lot, and it will be an excellent place for buyers of good horses. If interested write Mr. W. D. Pittman, Lake City, Iowa, about them and mention The Homestead.

### Last Call for Podendorf's Iowa Sunshine Sale.

At Logan, Iowa, on February 23d, Mr. A. J. Podendorf, one of the foremost Poland China breeders in the state, will make a sale of thirty bred sows and ten head of fall pigs. The offering will be mostly sired by his great boar, Iowa Sunshine, a boar that has sired as many prize winners as any other hog in the state. He also sells daughters of Perfection E. L., Proud Perfection and the great Mischief Maker. Included in the sale will be U. S. Lady, a daughter of U. S. Perfection, a litter brother to Happy Perfection, the sire of Thickset, and she is bred to Iowa Sunshine. This sow has been the dam of all of Mr. Podendorf's great show stuff and she is a proven brood sow of great worth. He sells a good two-year-old daughter of Proud Perfection out of the great sow, Lady Oakwood, and she is bred to Iowa Sunshine. He also sells a sow by Perfection Style, an Iowa State Fair winner two years in succession, dam Logan Queen 2d, and she is bred to Iowa Sunshine.

He is selling twenty head of gilts, including those that won at the Iowa and Nebraska State Fairs. These will be bred to Mischief Lad, a son of Mischief Maker. He was the boar that headed the prize-winning herd at the fairs last fall. A few are bred to Western E. L. by Perfection E. L. Mr. Podendorf is selling a fall litter by Mischief Lad out of an Iowa Sunshine dam that are show material. There is a boar pig and a sow pig in this litter that are hard to beat for their age. It is a high-class lot of sows and a good place to buy. Write at once for catalog and mention The Homestead.

### Schneider's Poland China.

Mr. John Schneider, breeder of Poland China swine, Remsen, Iowa, in furnishing copy for his advertisement on page 46 of this issue, writes: "I have twenty-five grand large gilts for sale. They will weigh from 250 to 300 pounds, bred to Large Dude. He weighs 365 pounds at nine months. Some are bred to All Dude, weighing 340 pounds at nine months. He has an eight-inch bone and is a grand hog. He is a good herd header and I will sell him worth the money. Several gilts are bred to Winning Perfection. These are good, heavy-boned gilts with lots of finish, and are hard to beat. I will sell them at \$30 a head. This is a good chance to get a bargain."



## Last Call for Crow's Big Polands.

On February 20th Mr. W. J. Crow, of Webb, Iowa, will make his annual Poland China brood sow sale at his farm near MacLay, Iowa, when he will sell forty-five head of the great, big, stretchy kind of sows. This is the kind of Poland Chinas that has made Mr. Crow known throughout the Northwest, and they are the kind that always give satisfaction. They are the get of such great boars as Crow's Model, the 1,000-pound hog with a ten-inch bone, and Up-to-Date, the hog that weighed 800 pounds at twenty-four months of age, also Chief Tecumseh 4th and Look Here. They are bred to farrow in March and April to such great boars as Crow's Model, Up-to-Date and Corrector 2d, a son of old Corrector. Mr. Crow has been a breeder of Poland China hogs for fifteen years and has always bred for both size and quality. He certainly has the Peter Mouw kind—the large, long, stretchy type, with good spring of ribs, good head and ears and with best of bone. He believes in raising hogs for early maturity and invariably has the kind that weighs down the scales and fills the pork barrel. He had a sale last fall, at which time he sold forty-one head of male pigs that averaged \$36 per head, and this offering of gilts are the full sisters to the male pigs sold at that time, together with a few tried sows. Mr. Crow does his own mating, keeps his own records and his integrity is beyond reproach. His guarantee is absolutely good and all defects will be righted. All hogs purchased by men from a distance will be crated and shipped free of charge. Anyone who cannot attend the sale should send their bids to Mr. W. R. Ritchie in care of Mr. Crow, and they will be duly cared for. This sale will be held in a heated tent, a free lunch served at noon and free transportation afforded all foreign visitors. Attend this sale, as it will afford you a good opportunity to buy some of the best Poland China bred sows and gilts to be offered this year. Write at once for a catalog, mentioning The Homestead.

## Walker's Sow Sale.

On February 26th, Mr. Jas. E. Walker, of Anita, Iowa, will make a public sale of Poland China brood sows at Atlantic, Iowa, when he will sell thirty head of yearlings, matured sows and spring gilts. Quite a number of his offering will be sired by Perfect Chief 2d 83091, and they will be bred to Corrected 100201, a son of old Corrector, or Timekeeper 115587, a son of the great Keep On. Among the older sows that go in is Willow Twig by Perfect Chief 2d and out of Sunshine Queen. She is a good sow and a good breeder and is bred to Corrected. Sunshine Queen by Dale Perfection is a most excellent deep-bodied sow, has always been a good breeder and is also bred to Corrected. One of the best things is a fall yearling called Gold Crums. She has the size, the depth and length of body, and a great bone, and with all her size she has a lot of finish. Bred to Corrected she is one of the choice things in the sale, and those who want size with finish should buy this sow. He also sells a full sister to her in this sale. Another good sow is Silver Lining, bred by Messrs. John Francis & Son, and sired by their noted boar, Commodore. She was in first-prize aged herd at Des Moines and her sire was first-prize hog at the Iowa and Illinois State Fairs. She was in Mr. Walker's sweepstakes herd at Atlantic. She is bred to Timekeeper for an early litter. There will be some good young gilts in the sale and the catalog will tell you all about them. Write for it and mention The Homestead.

## Finley's Jack and Jennet Sale.

At his barns in North Marshall, Mr. W. J. Finley, of Marshall, Mo., will, on Saturday, March 2d, sell forty head of high-class registered Mammoth Jacks and Jennets and ten stallions. Mr. Finley's jacks range in age from two to eight years of age and are all broken and acclimated. Twenty head of these are listed for the sale and there are \$1,000 jacks in the offering. Ten Jennets are listed. Five of these have jack colts at foot and the other five are due to foal this spring. The jack colts are by such sires as Limestone Mammoth and A. J. Anderson's Black Sam. Among the stallions Mr. Finley sells is the four-year-old Morgan stallion, Benzo. Benzo is a beautiful sorrel of great style, fine action and a remarkably fine built animal free from blemishes. The man wanting a high-class Morgan, well broke, should look after him. The trotting-bred stallion, Senator Anderson, with a trial of 2:25 with only two months' work, should go to some man who will develop him. He was got by Electioneer Jr., he by Electioneer, and traces ten times to Hambletonian 10. Mr. Finley also sells one registered German Coach stallion, one registered Percheron and six grade Percheron stallions. These run from two to six years of age. Catalogs are being mailed to all who write for one and Mr. Finley invites you to be with him sale day. See this page for advertisement and when writing him kindly mention this paper.

## A Letter from Colonel Woods.

In regard to Watson, Woods Bros. & Kelly Co.'s annual public sale of imported stallions and mares, which will be held at Lincoln, Neb., February 26th and 27th. Col. F. M. Woods writes the following letter: "To whom it may concern: I, this morning (January 21st), carefully examined thirty of the stallions to go into this sale, and if I were disposed to exaggerate regarding their merits, I could not do so. I never in my life, not even at the Chicago International, saw thirty horses their equal. Young, sound, clean of bone, short legs, wide, glossy-coated; all hugging a ton, and one, \$2,000. There are one-half of them that most importers would ask \$3,000 for, and they will go to the highest bidder, without protection. Some think that kind of a sale cannot be made. This firm did it last year and averaged \$1,140, and were satisfied. McMillan does it every year and makes good sales. That's the only kind of sale that will win." The firm wish to add that while the mare offering will only be twelve or fifteen head, there will be some of the best mares ever put under the auctioneer's hammer. This sale will be the biggest and best offering of such

stock ever held in America. See advertisement on page 48.

## Lyndale Poland Chinas at Auction.

On Thursday, February 28th, at his Lyndale Farm, near King City, Mo., Mr. A. F. Graves will sell fifty head of choice sows bred to his leading herd boars. Among these boars is Grand Model 42551, a phenomenal son of the \$3,000 Grand Chief sold by Mr. F. M. Lall to Mr. F. A. Dawley. Mr. Graves secured this pig at a long price and his individuality is such that he should be a bargain at even a longer price. Twenty of Mr. Graves' best sows are bred to this boar and are included in the sale. Fourteen sows are bred to Tormentor 29273, a son of the World's Fair champion, Meddler. Others are bred to Maple Lawn's Top, a grandson of Chief Perfection 2d; T's Perfection, a son of Chief Perfection 2d, and Sunshine King, a boar that has done good service at Lyndale. Mr. Graves includes sows in this sale that should not leave the farm, but feels that he must offer as good as he owns in order to make an attractive offering. See page 33 for Mr. Graves' advertisement and write him today for catalog.

## The Burgess &amp; Son Horse Sale at Wichita.

Readers of this paper are offered an unexcelled opportunity to secure prize-winning stallions at their own figures in the forthcoming public sale of Messrs. Robert Burgess & Son, at Wichita, Kan., on Friday, February 22d. Fifty head of Percheron, Belgian, Shire and Hackney stallions are included, both imported and American bred, and the offering includes many prize winners at the leading shows of the past year. All of the stallions will be sold with the regular guarantee of 60 per cent and will be sold so that payment will not be due till the buyers have made two seasons with the horse and one collection has been made. In addition to this, the terms are most liberal. The notes will be one year and six months from date with interest at 6 per cent from date or six per cent discount for cash. There are few auctions in which the terms made are as liberal as is the case in this one. The person who is interested in draft horses should plan to be present at this noted sale. Full particulars can be had by addressing Messrs. Burgess & Son, as per the advertisement on page 48 of this issue. Plan to be present sale day and mention this paper when writing.

## The Perfection Chief Stock Company's Sale of Duroc Sows.

The Perfection Chief Stock Company, of Maryville, Mo., will sell Duroc sows on Monday, February 25th, and will be pleased to entertain all who will stay over Sunday from the Addy and Murphy sales, which are held on Friday and Saturday. There are attractions enough in this sale to hold breeders who want tops. In last week's field notes we mentioned several of these, among which were those daughters of the great Proud Advance—the Radiant gilts, the yearling sows got by Fairview Chief, and the Nodaway sisters from Mr. McMurray's herd. These Nodaway sisters are great brood sow prospects and safe thing to buy. Few more growthy gilts will be found. Perfection Chief has been used on a majority of the sows that these gentlemen sell and this will be an opportunity not easily excelled. Radiant, a breeding boar of much merit, has been used on a number and these should be sought after, as Radiant pigs are quick sellers and are desirable. The members of the Perfection Chief Stock Company ask you to be their guest sale day. See this page for last advertisement of their sale.

## Novinger &amp; Sons Call Their Short-horn Sale Off.

The sale of Short-horns advertised by Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., in last week's issue is off, as Mr. Novinger has sold his bulls at private treaty. A car load went to one party at such a good price that Mr. Novinger could not afford to hold them for sale. Two Cruickshank bulls, one a son of Lavender Viscount 2d and out of Imp. Lavender Thyme, and a Butterfly got by Hampton's Choice, a half brother to Hampton's Best, were not included in the car load. The man hunting a herd header of the right stamp should look to these. Mr. Novinger writes that he would price some females in keeping with the times. These are all in calf to or have calves by Lavender Viscount 2d, the sire of the bulls sold. See page 45 for Mr. Novinger's advertisement, and should you write him, kindly mention this paper.

## W. L. Addy &amp; Son's Sale of Durocs.

The last announcement of Messrs. W. L. Addy & Son's sale of Duroc Jersey bred sows will be found on page 40. Friday, February 22d, is the day they sell, and the man who wants a litter of Duroc pigs that have for their sire the richest-bred boar known to the breed should be on hand. Messrs. Addy have drawn heavily on their brood sows for this sale, as they are making this the best offering that has ever gone through a sale ring at their farm. They have as richly-bred a herd as is found and the man who is out to buy good ones will not be disappointed. Remember the date and arrange to be on hand.

## Taylor &amp; Jones.

As evidence of the manner in which Messrs. Taylor & Jones, of Williamsville, Ill., treat their patrons, we are pleased to quote the following letter recently received from Messrs. Mapple & Welch, of Knightstown, Ind.: "We wish to say through your valuable paper that no one else as they can with Messrs. Taylor & Jones, of Williamsville, Ill. On December 13, 1905, we bought of these gentlemen a draft stallion, for which we paid \$2,000, and December 23, 1906, we lost him. We called on the gentlemen and told them our loss and they stood \$900 of the amount."

## The Perfection Chief Stock Co.'s

Annual Sale of

## DUROC = SOWS

— AT —

Maryville, Mo., Monday, Feb. 25th

50 head bred to the great Perfection Chief, Pilot Kruger, Radiant and Gladstone. . . . 50

For this sale we are putting in as good as we own. Special attention is called to the Proud Advance yearlings and spring gilts bred to Perfection Chief. There are five of these: two yearling sows got by Fairview Chief, the fall yearling got by Long Model, a Prince Lad fall sow, the Radiant gilts, Belle Topper, a Top Notcher sow and the Nodaway sisters got by Iowa King. We know we can please the most exacting and sows bred to the great show and breeding boar, Perfection Chief, will give results. Write either of us for catalog.

T. G. NASH, Pickering, Mo.

O. B. KIMMONS, Pickering, Mo.

GEO. W. McMURRY, Maryville, Mo.

COL. H. S. DUNCAN, Auct.

## Finley's Jack Sale

At Marshall, Missouri

Saturday, March 2d, '07

40 Head High-Class Jacks, Jennets and Stallions 40

20 REGISTERED black mammoth Jacks, 15 to 16 hands high. Ten registered Jennets, extra fine, several with Jack colts at side, others bred to good Jack. Ten stallions (3 standard and registered trotting-bred, 4 to 7 years old), one registered Coach stallion, one registered Shire stallion, one registered Percheron stallion, five grade Percheron stallions from 2 to 6 years old. Sale will be at Finley's home in North Marshall. Sale will begin at 12:30. Sale will be held under cover. No postponement. Nothing for sale privately after cataloged. Auctioneers: Sparks, Harriman, Snyder, Hieronymous, Ross, Hudson, Logsdon, Irvine. Write for catalog.

TERMS: W. J. FINLEY, Marshall, Mo.

## J. O. James' Big Poland China, Sow Sale.

The Biggest of the Breed

Braddyville, Iowa, February 23, 1907

40 Head 20 spring and fall yearlings, 3 matured sows, 17 spring gilts.

Fifteen sows in the sale are sired by my noted big boar, Pawnee Lad, considered one of the greatest big boars, and sire of the big kind, in southern Iowa. There will also be twelve Big Prospect sows in the sale out of Pawnee Lad sows. Others are sired by Proud Monarch, Nemo L's Dude, P. W. Perfection and other well known boars. They are bred to Pawnee Lad, Big Giant and Nebraska Chief. If you want the large sized Poland Chinas with big bone and out of prolific strains come to my sale. I have made a specialty of the big kind and that is the only kind I breed. Write for catalog, mentioning Iowa Homestead. Address,

H. C. Duncan, Auct.

J. O. JAMES, Braddyville, Ia.



### Last Call for the Four Great Southern Iowa Duroc Sales—A. E. Poush, Chariton, Iowa.

The first day of three of the greatest Duroc sales of the season will be held at Chariton, Iowa, February 18th, in comfortable quarters by Mr. A. E. Poush. This young breeder deserves the support of the breeders, for he has always been a bidder on the very highest class of stock in every sale that he attends. One thing about this young man which is to be admired is that he buys nothing but animals of the very finest breeding and individuality, so we feel no hesitation in recommending the offering for this sale. The attractions of the sale are ten Proud Advance gilts. There are very few breeders of a lifetime of experience who ever placed so good an offering in a sale. Among them are five daughters of Daisy Orion, which is a daughter of the greatest breeding boar, Orion Dandelion. Also, we wish to add that she was the top in the White & Dewey sale last spring. You will find this a very even litter, and any one of them will be a good thing to buy. Also they are bred to the splendid son of Ohio Chief and Savannah Belle which was the highest priced sow of the breed when she sold. This combination of breeding will produce the good kind. Another of the good ones is the daughter of Madrid Belle by Wauneta Hub. This gilt is bred just about the right time. Do not pass this one up. You will also notice that the sow, Madrid Belle, is included. A Proud Advance gilt which is one of the good ones is No. 9 of the catalog. She is a daughter of Nan Orion and will have a litter sired by Nidlinger's Improver by sale day. One of the best individuals in the sale is No. 1 of the catalog. She is one of those massive kind which everyone likes to have in their herds. We think she is one of the good ones to be sold this spring. She is also bred for a March litter to the Ohio Chief boar. The offering as a whole is a good one and no breeder in the state deserves a better sale. He has been one of the pushers, a buyer of the good things and now has the same kind to sell. If you cannot attend his sale, send your bid to the auctioneer or to Mr. M. T. White, Homestead representative, in care of the above breeder.

Sheldon Bros., February 19th.

The second day of the three great sales will be with Messrs. Sheldon Bros. at their farm near Shannon City, Iowa. This herd needs no introduction to our readers, as it is well known as the herd owned by Messrs. H. C. Sheldon & Sons. Perhaps many of our readers think we have the custom of referring to each offering as a better one than that breeder ever offered. We do not consider a firm worthy of the name of breeder if each year they are not capable of offering to the public a better lot of stock than the previous season. We are positive that this is the case at the Sheldon farm. In this sale they are selling twenty daughters of the great Proud Advance. Most of them are out of the very best sows which are rich in blood of the most prominent families and are the ones which have in many instances produced the good ones for their sales. There is one thing about this herd which is very noticeable to everyone who visits it, and that is the amount of scale which is retained and at the same time they have so much quality. Of the twenty daughters of Proud Advance in the sale, most of them are of fall farrow, which insures that they have the age and are matured to such a degree that you can almost tell the kind of an animal into which they will mature. One which we think deserves special notice is the daughter of Queen Ann 2d, which is rich in the blood of old Allison. She is a litter sister of the gilt which sold last fall for \$500, the highest price ever paid for an open gilt. This sow carries an unusual amount of finish, as does every one of the Proud Advance sows. They are a strong-backed lot from start to finish, with the very best of feet and legs. You need not decide on any one in particular, as the entire offering is so even and good that no special one is of much more value or special individual to own. They are all bred to Ohio Chief 2d, the great son of Ohio Chief, which has many admirers as a close rival to his notorious sire. He is of the deep kind, with an excellent rib, is large and has proven a great breeder in the East, from where he was brought this season. Other attractions of the sale are such ones as Lady Alix, which is a litter sister of Alix 2d, and one of the very best daughters of Proud Advance with the Orion cross. She is also bred to Ohio Chief 2d. This should be an attraction to anyone wanting something strictly first class. If you can't get there, send your bid to Mr. M. T. White, who will represent The Homestead at the sale.

White & Dewey, February 20th.

The third day of the great Duroc sale in southern Iowa will be with Messrs. White & Dewey near Shannon City, Iowa. It is a pleasure for us to refer our readers to this sale, as the gentlemen who are making this offering are in every way reliable, so you are insured of the square deal system if you attend. This offering of forty head are the good ones from their herds. You will notice in their catalog that they are selling a nice string of gilts sired by Proud Advance and a few are also bred to him. As the old king is dead here is the last chance to get a sow bred to him. As they have always had good ones to sell—sired by this boar—in their past sales, they are retaining their reputation of past seasons by selling a nice lot of them this spring. One of the best ones is out of a dam by Ohio Banner by Ohio Chief. She is one of the attractions of the sale. There is also one out of Queen Ann 2d which is the dam of the gilt sold to Mr. Ed Baxter for the longest price ever paid for an open gilt. The others have dams which are equally as good and, as they are all bred to Ohio Chief 2d, you will make a good choice when you buy one of them. Others in the sale represent the blood of Proud Advance. Perhaps the greatest attractions of the sale will be Queen Ann 2d, which has to her credit the highest priced open gilt ever sold. She is an exceptionally good individual, having all the re-

quirements for a great brood sow and is bred to the great Proud Advance for an early litter. Place this sow in your herd and take good care of her litter and next fall she will prove to you that she is the greatest investment you ever made. Do not forget the gilt which is a full sister of the sweepstakes boar, Crimson Wonder Again. She is also bred to Proud Advance for a March farrow. Another good one in the sale is a daughter of Model Chief by Ohio Chief. She is bred to Proud Advance and is of the thick kind. The daughter of Buddy K. 4th, bred to Proud Advance, would be a good line of blood to put into the western herds, as the family is not very numerous in the West and the demand will be larger next season than the supply. A half-sister of the sow which topped Mr. R. J. Harding's last sale is included, and she is one of the very best of the entire offering, as she stands on good feet, has neat head, with a deep body. This sow is bred to Ohio Chief 2d. This will be a good thing to buy. A sow which has many daughters is Reliance Lulu by a son of King Orion and out of a daughter of Kan't Be Beat. She is bred to Ohio Chief 2d. Send your bid to Mr. M. T. White, Homestead representative, in care of the above breeders, if you cannot be there in person.

A. L. & U. S. G. Lynch, February 21st.

The fourth day of the southern Iowa and northern Missouri sale circuit will be held at Mt. Airy, Iowa, on February 21st, when Messrs. A. L. & U. S. G. Lynch will sell thirty-five head of the most richly-bred Duroc Jersey sows. At the head of their herd stands Orion Chief I Am by old Orion and out of a Red Chief I Am sow, and Brilliant Advance by Proud Advance, dam Brilliant Genevieve. These are two good yearling boars and have been bred to the most of the sows in the sale. The boys have put their best things in this sale and there will be four daughters of old Proud Advance, two daughters of Ohio Chief, one Orion Dandelion sow, one by Buddy K. IV, and one by the great Hanley. Besides these there are many others that are as good as you will find anywhere. They are selling Will's Pride in this sale. This is one of their best sows and was purchased by Mr. R. J. Harding, of Macedonia, Iowa, last year for \$350, bred to Ohio Chief. Two of her gilts by Ohio Chief go in this sale, and one of these is an especially good one. She is bred to Brilliant Advance. The gilts are bred to Orion Chief I Am and Brilliant Advance. Another good two-year-old sow is Proud Lily out of Brilliant Genevieve by Brilliant. Here is one of the great sows in this circuit, and barring the fact that she is bred a little late, she should be sought after and deserves a good price. There are a few fall gilts by Proud Advance in the sale, also two fall yearlings by Buddy K. IV. Fannie Orion is an Orion Dandelion sow and this line of breeding has done wonders for some of our best breeders. Three granddaughters of Orion go in, also six spring gilts by old Corncracker. Ten of the young things will be sired by Iowa Lad, a grandson of old Higgins' Model. The boys are putting up a good offering and deserve a good sale. Write for a copy of their catalog and if you cannot attend in person send a bid to Colonel Luther or to Mr. M. T. White, Homestead representative, in care of the above breeders.

Short-horn Sale at Rock Falls, Illinois.

On page 31 will be found the announcement of the Short-horn sale of Messrs. L. A. & H. L. Church, to be held on their farm, five miles south of Rock Falls, Ill., on Tuesday, February 26, 1907. Catalogs are now out and those not yet supplied should see to it that they have one in hand, as this offering undoubtedly will contain some good numbers. The thirty-four head of cows and heifers are principally of Scotch breeding and they should give excellent satisfaction to those who are looking for Short-horns for the general purposes for which they are bred. All females of suitable age will have calves at foot or will be in calf to Matchless or Beaufort's Victor's Pride. Matchless is considered one of the best of bulls by Messrs. Church and his get are mostly reds and are great flesh carriers. The Pride bull is sired by Imp. Beaufort Victor 211984, which was one of the best bulls owned by Lord Lovat. His dam, Beaufort Pride 2d, is a sister to the champion at the Highland Society Show, 1901. Matchless will be sold along with six young bulls ranging in age from yearlings upward, and mostly sired by him. Two two-year-olds are by Red Count 231264 and should be worth looking after by those who will be in need of a good herd bull. Those coming from a distance will be well cared for and will find a conveyance ready to take them to the farm. Write for this catalog if you are wanting some good Short-horns. Kindly mention The Homestead when so doing.

The Last Call for the J. O. James Sale.

On February 23d, Mr. J. O. James and his big Poland China sows will be the center of attraction at Braddyville, Iowa. The name of J. O. James, old Pawnee Lad and big Polands has been a combination hard to beat in southern Iowa, and lovers of big hogs never pass him by when they want breeding stock. Pawnee Lad has been known to all breeders of big hogs and in this sale will be fifteen of his gilts, also fifteen gilts by Mr. James' former herd boar, Big Prospect, Pawnee Lad is also bred to a number of the sows in the sale. He is selling Rose Perfection by Proud Monarch, dam Rose Allerton by Allerton's Tecumseh, and she is bred to Pawnee Lad for early farrow. He also sells a good Nemo L's Dude sow and his old sow, May Price, bred to Pawnee Lad goes in. Anna Price 7th and Anna Price 8th are two of the good things bred to Big Giant. A good Pawnee Lad out of Lady Giantess will be sold in the sale. It is a cracking good offering of big, stretchy Poland Chinas and should demand attention from breeders. Write for catalog and go to the sale. Kindly mention The Homestead when writing.

## Public Sale of Chester White Brood Sows

— AND —

## Short-horn Cattle

I will sell at the Lefebure Homestead, at

Fairfax, Lynn County, Iowa, February 21, '07

— 42 —

CHESTER WHITE BRED SOWS

— AND —

— 20 —

SHORT-HORNS, SEVEN SCOTCH, SIX BULLS

The best lot of Chester Whites ever offered in Iowa

**JOHN LEFEBURE, Proprietor**

T. J. Day, Auctioneer

## DISPERSION SALE

OF REGISTERED

**SHORT-HORN CATTLE AND POLAND CHINA HOGS**

To be held on Farm 3 miles north of Gilmore City, Pocahontas County, Iowa, February 27, 1907

**40 HEAD PURE BRED SHORT-HORN COWS, HEIFERS AND YOUNG BULLS,**

Seven cows from the herd of H. G. McMillan, Cedar Rapids, Iowa, some with calves at foot; cows sired by Royal Lavender 164545, Orange Chief and three young bulls sired by Victor Lad 182026 out of Young Mary dams. This is all good stock, in nice condition and should find ready buyers.

**15 HEAD POLAND CHINA BROOD SOWS**

And gilts, principally Perfection bred, bred to a son of Iowa Sunshine and King Pilot 107581. Valuable producers; plenty of size and bone. Free entertainment. Comfortable sale place. Send for catalog.

**COL. A. P. MASON, AUCT.**

**E. O. WOLCOTT, PROP.**

Gilmore City is north of Ft. Dodge on the Minneapolis & St. Louis. R. R.

40 HEAD

THE MAGNIFICENT

BRED SOWS

40 HEAD

IN THE

**SECKMAN & ALLEN**

OFFERING

**At Mt. Sterling, Ill., Wednesday, February 27, 1907**

Sired by Tip Top Notcher, Ohio Chief II, Champion Paul, Fancy Orion Chief, Double Track, Best of Top Notchers and others

Bred to Masterpiece Chief, The Commodore, Speculation, Hanley, Tip Top Notcher and King Hanley. These sows have been selected with great care, properly fitted, and all will be safely bred by sale day and carry their own guarantee. Taken as a whole we believe this offering to be as good a lot, both in breeding and individuality, as ever were offered at public sale. Send bids to Cols. Fred Reppert, Judd McGowan, James Riley or to Mr. D. M. Pierce, representing this paper. For additional information and catalogs address Geo. W. Seckman or Fred Allen, Ripley, Ill. A very cordial invitation to all Duroc Jersey breeders in America to attend this sale.



### The Commodore Duroc Sale.

When Messrs. Amos W. Harris & Sons, of Waverly, Ky., secured the noted breeding and show boar, Commodore, they were fortunate enough to be able to show him at the leading state fairs east of the Mississippi river, and breeders were present from several states when Commodore was shown at Springfield, and all were of the opinion that this noted hog was the best aged boar that had been shown in years. This encouraged Messrs. Harris very much and they secured some of the best females that could be purchased last fall and bred the same to him. The offering, which will be sold at Louisville, Ky., on Friday, February 22d, is made up of sows of unusual breeding and individuality that will please the most discriminating buyers. These gentlemen have united their forces with a number of the very best breeders in the South and East, and from their herds upward of fifty head have been selected for this occasion. We wish this week to call attention to some of the females which have been listed. Anna Belle is a two-year-old daughter of Sure Winner and out of Top Notcher Queen, by Top Notcher. She is safe in pig to Commodore, and will certainly do well for some breeder in the market for top breeding stock. Anna Wonder is a spring gilt by Sensation, a boar which has done much toward making history for the Duroc breed. She is the daughter of the sow just mentioned and is safe in pig to Commodore. Another daughter of this good sow, Anna Wonder II., is also included in the auction, bred to Commodore. Two daughters of the noted Commodore are placed in the sale, one of which is bred to Top Notcher 10th, and the other to Kentucky Col. II., for early March farrow. Two more daughters of Commodore that will please those present sale day are bred to Ed's Col., a boar which now heads the good herd of Col. H. L. Iglehart, of Morganfield, Ky., and one of the most noted boars of the breed. Kentucky Variety X., is a daughter of Ohio Chief, and her dam, Kentucky Variety, by S. E.'s Col. This noted sow is safe in pig to the service of Commodore and will please the most discriminating buyer. A daughter of Top Notcher and out of Useful Queen, she out of Cedarvale Queen II., the dam of Mr. R. C. Watt's noted show herd at the World's Fair, 1904, is included in this offering purely as an attraction. The writer wishes to state that he has carefully inspected this offering, and the one thing which most impressed him was the fact that nothing but first-class stock has been listed. Messrs. Harris are making their first public sale and it is their aim to offer the public breeding stock that represents the best blood lines to be found anywhere and at the same time combines the individuality which the best breeders demand. Orion Miss is one of the best sows which the writer has seen put through a sale ring this year. Her sire was Orion, and her dam was Golden Beauty by Red Chief I Am, a boar which needs no introduction to western breeders. Orion Miss is a fall yearling and comes from the good herd of Messrs. Manley & Co. She is safe in pig to Commodore for an early litter, and is strictly of the first class as an individual, being in the show herd of Messrs. Manley at the Illinois State Fair this past season. The breeder who wishes to improve his herd will not go wrong on this sow. A daughter of Junior Jim, is included in this offering and is safe in pig to Commodore for early litter. There are a number of very good sows in this sale and we wish to urge our readers to secure catalogs at once and plan to be present at Louisville, Ky., on Friday, February 22d. Mr. D. M. Pierce, representing this paper will be present at this sale, and bids sent to him, care Hotel Willard, Louisville, Ky., will be carefully and properly handled. See announcement on page 40 of this issue and mention this paper when writing.

### Seckman & Allen's Duroc Sale.

Attention is called to the advertisement of Messrs. Seckman & Allen, of Ripley, Ill., which appears on page 35. This firm will offer for sale on Wednesday, February 27th, at Mt. Sterling, Ill., in heated sale pavilion, forty head of richly-bred Duroc sows. The writer representing this paper has carefully inspected this offering and is pleased to recommend it to our readers who wish to get useful breeding stock. We wish this week to call attention to the boars now in use in these herds. The offering is sired by such noted boars as Tip Top Notcher, Ohio Chief II., Champion Paul, Fancy Orion Chief, Double Track, Best of Top Notchers and others of equal merit. They are bred to Masterpiece Chief, The Commodore (one of the best sons of the noted breeding and show boar, Commodore, first in aged class and champion at Illinois State Fair, 1906). Speculation, Hanley, Tip Top Notcher and King Hanley. A word about these boars. Masterpiece Chief is a son of Model Chief, the sire of the first-prize boar pig under six months, and first prize produce of sow at the Iowa State Fair in 1906. This young boar is one of the best of his age the writer has seen anywhere and there are a number of good sows in the sale bred to him. They should find ready sale to breeders who wish to add good blood to their herds. The Commodore is a son of the noted Commodore, as mentioned above. This pig which Mr. Seckman is using in his herd, is the one son of Commodore which Uncle Tom Bennett refused to price to anyone until he was through breeding his sows, and it was only after much effort that Mr. Seckman was able to secure him. This son of Commodore bids fair to make a larger hog than his sire and stands on the best of feet and legs. There are a number of very good sows in the sale bred to this boar. Speculation is a son of Orion Chief, the boar in use at the head of the good herd of Mr. Ira Jackson, of Tippecanoe City, Ohio. This pig was third in class at the Illinois State Fair with a ring of sixty boars driven out. We wish to go on record in this connection and want to say to breeders who are in the market for strictly choice stock, that a sow bred to this boar will certainly prove a valuable addition to their herds. In our next issue we will call particular attention to the females included in the offering, and would advise our readers to write for catalogs at once, kindly mentioning this paper. Bids sent to

Mr. D. M. Pierce, representing this paper, will be properly cared for. Kindly mention this paper when writing for catalog.

### J. P. Hammett's Sale of Stallions and Kentucky Mammoth Jacks.

The sale of stallions and Kentucky Mammoth Jacks to be held at Salisbury, Mo., on Saturday, February 23d, by Mr. J. P. Hammett, should attract the horsemen of the entire corn belt. The man hunting a Mammoth Jack should also be interested, as Mr. Hammett is the second largest breeder of Jacks in Kentucky (the home of the Mammoth Jack). Mr. Hammett has bred Jacks all his life and raises the big-boned, strong-constitutioned kind. In this sale he is including the noted Kentucky prize winner, "Jumbo of Kentucky," a Jack that stands sixteen hands and has never been defeated in the best Kentucky show rings. Jumbo is one of the best-boned Jacks to be found and is credited as being one of the best breeding Jacks that has ever left the Blue Grass state. He is a six-year-old, well broke and works as good as any stallion. Mr. Hammett would not sell him at public auction were it not for the fact that he is making this sale as attractive as possible. The man looking for an absolutely high-class Jack should be on hand when Jumbo sells. There are other Jacks of great merit in the sale, all standing from fourteen and one-half to sixteen hands high—mule measure. They are fresh from Kentucky, are sold by a breeder, and the middle man's profits will not govern the selling price. Several imported English Shires and Percherons, as good as can be found anywhere, are included in the sale. Some standard bred trotters and road horses are cataloged. They are absolutely high-class stallions and mares. Mr. Hammett announces in his advertising that he sells all stock under a guarantee to be a breeding animal. This insures a square deal to all. The sale will be held in Mr. Hammett's new sale barn in Salisbury, Mo., and will commence at 10:30 a. m. Salisbury is on the main line of the Wabash, direct line from Omaha, Neb., Des Moines, Iowa, Kansas City, Mo., St. Louis and Chicago. Col. Bob Harriman, America's great horse and mule auctioneer, does the selling. See the half-page advertisement of Mr. Hammett and write at once for a catalog, kindly mentioning this paper when doing so.

### Limestone Valley Farm's Thirtieth Semi-Annual Sale of Jacks and Jennets.

Twice each year Messrs. L. M. Monsees & Sons, of Smithton, Mo., hold public sales. In the fall these gentlemen sell a general line of live stock, including many high-class mules. On the first Tuesday in March a sale of breeding stock—jacks and jennets—is made. To these spring sales Messrs. Monsees & Sons invite those who are in search of the Jack or the female mule. They do not say come sale day, but instead ask you to come one, two or three days preceding the sale, examine the stock at your leisure, become acquainted with the business methods at the Limestone Valley Farm, and if satisfied buy on sale day. By following this method Messrs. Monsees & Sons have made an enviable reputation for open dealings and parties who have bought at former sales do not hesitate to return. In these times of the high-priced mule there is no question but that it pays to produce mules from high-class sires. Some may say that these prices cannot last, but if the rate of production and consumption is balanced one cannot see where there is any danger in the immediate future. The demand today for weanlings was never so strong, and \$85, \$100 and as high as \$150 is paid for mules of this age, so why not raise some, as it will be years, at least, before the mule is a drug on the market. Messrs. Monsees & Sons won every possible first prize on Jacks and jennets at the St. Louis World's Fair but three, and they also won many prizes on mules, and their farm is today headquarters for first-class breeding stock. For their sale on March 5th, Messrs. Monsees & Sons have listed by far the best lot of Jacks and jennets they have ever listed for sale. Mr. Monsees, Sr., thinks the offering superior to the World's Fair offering. The ages are the very best, mostly threes and fours. The man or the parties looking for something extra will not be disappointed. The twenty jennets are bred and several will sell with Jack colts at foot. In order to please all classes of buyers Messrs. Monsees & Sons will sell seven yearling Jack colts, so that buyers can get most any age desired. Those of our readers who are interested should write Messrs. Monsees & Sons now for a catalog. See page 43 for advertisement.

### Another Big Horse Sale in Lincoln.

The selling of imported draft stallions to the highest bidder at public auction was a business of questionable results until one year ago, when the firm of Watson, Woods Bros. & Kelly Company made a two-days sale of imported stallions and sold \$25,000 worth of stallions at prices profitable to them, but more profitable to the buyers. Now, why could this firm go out and make a sale of this magnitude and undivided success in view of the almost universal dissension of opinion regarding the possibility of doing such a thing? Conservative men thought they could not make it. Some competitive dealers hoped they could not make it. But they did, and to those who know this firm as well as the writer does the reason is amply evident: They are reliable; they import only such horses as that well-known judge, Mr. Joe Watson, thinks will make money for buyers. They had the moral stability to absolutely prohibit the least tendency toward by-bidding; they were able to stand it if the horses did not sell for their worth. And they stand ready to do the same thing again this year in making their sale of draft stallions February 26th and 27th. Mr. Watson has recently imported a most excellent lot of useful horses and doubtless no such string of stuff as is offered in this sale has ever been brought under the auctioneer's hammer on American soil. They are getting out a nicely illustrated catalog and we would advise that you write for one of these, mentioning this paper. See page 48.

## Grand Three Days' Sale

FEBRUARY 19-20-21 AT

Grand Junction, Greene County, Iowa

### 140 CHOICE POLAND CHINA SOWS and GILTS

Carefully selected from the herds of Geo. F. Freie, Ogden; C. C. Healy, Dana; and C. M. Howard, J. L. Hudson and G. W. Wampler of Grand Junction.

You will find a strong collection of mature sows in this sale. They have proved to be regular and prolific producers. There are some of the great rooky kind and others of a more showy type. The breeding is standard and represents all the leading lines of blood. Here is a splendid opportunity to secure some reliable foundation stock.

The gilts are from March and April litters and many are from sows to be sold in the sale. They are a nice growthy bunch and contain a great many of the great deep-bodied, strong-boned type. They are sired by Tecumseh Meddler, Nemo L. Dude, Keep On and Black Chief boars. They will contain some choice members.

Send for catalog to C. C. Healy, Dana, Iowa. Post up, brother breeders, we have something worth your money and attention. C. E. Luther, Auct.

### McWILLIAMS'

## DUROC-JERSEY SOW SALE

Wall Lake, Ia., February 22, 1907

40 HEAD, 5 FALL YEARLINGS, 9 AGED SOWS, 26 SPRING GILTS 40  
THE LATTER Sired BY MY GREAT BOAR

## ORION J.

The aged sows are sired by Challenger Model, one of the best sons of old Duroc Challenger; Royal American, Milbank Boy and Tolstoy. The gilts are sired by Orion J., Sunnyside Wonder, (a son of Tolstoy out of an Orion sow), Gilbert King and a grandson of American Royal. They are bred to Orion J., Sunnyside Hero, Challenger King and Sunnyside King. I am offering the cream of my herd. These Orion J. gilts are the best I have ever raised. Write at once for catalog. Address,

**M. A. McWilliams,**

W. C. Lookingbell, Auctioneer.

Wall Lake, Ia.

I Will Sell at Brookside Farm One Mile East Farlin, Greene County, Iowa.

Wednesday, February 20, 1907

### 50 SELECT POLAND BRED SOWS 50

Eight tried sows, Miss Winsome by Chief 4th 71743; Lady Tecumseh 18968 by Chief Crop Ear; Choice Blackbird 189690 by Iowa's Choice, Logan Chief and others. Eighteen fall yearlings sired by Excelsior I Know 92379. They are big and strong boned, with fine coats and long, deep bodies. Twenty-four gilts sired by Excelsior I Know and others. Mostly from spring litters. A choice, even bunch. Herd boars are Keep On 2d and Proud Rulo. Write for catalog, mentioning The Homestead.

**N. C. BASSETT, Jefferson, Iowa.**

Col. H. S. Duncan, Auctioneer.

## BERGREN'S POLAND CHINA SOW SALE.

Sale at Jenkins' Livery Barn

STANTON, IOWA, FEB. 22, 1907.

40 HEAD 15 Fall Yearlings and Aged Sows.  
... The Rest Spring Gilts....

Sired by such noted boars as G's Perfection, Big Perfection, Big Chief Perfection 2d, U. S. Chief 2d, Prospector, Shamrock, Big Klever and Long Wonder. They are bred to my prize winning boar Stunner 107149, Cantrell's Corrector and Peerless Perfection. I am offering my very best, sows with plenty of size and bone and sows of great quality. Write me for a copy of my catalog. Address,

**E. N. BERGREN,**

COL. J. WEST JONES, Auctioneer.

**STANTON, IOWA.**

## Grand Public Sale of Poland China Brood Sows

On February 26, 1907, at the Fair Grounds

At MARSHALLTOWN, IOWA,

I WILL SELL

30 HEAD Of the best Poland Chinas ever offered in Marshall County, 22 head of March and April gilts, weighing nearly 300 lbs. each.

THE remainder aged sows, sired by Perfection Star, Nemo Boy, Long Price, Ohio Perfection 2d and Lookout Tecumseh. They are bred to Keep On Perfection 2d 115921 and Good Shine 117265. Write for catalog which is now ready.

**J. C. BAILEY, Proprietor,**

Col. Menzie, White and Essinger, Auctioneers.

**MARSHALLTOWN, IA.**



### Carey Cameron's Short-horns and Duroc Jerseys.

It is with considerable pleasure that we call the attention of Homestead readers to the Short-horn and Duroc Jersey sale advertisement of Mr. Carey Cameron, at Herman, Neb., on Monday, February 25th. Mr. Cameron's reputation as a breeder ranks among the very best in the West, both as a Short-horn and a Duroc Jersey breeder. Whenever he makes a sale he puts in his best stuff, and he always puts them in the sale ring in good condition. It is not out of place at this time to call the attention of our readers to his Short-horn sale at South Omaha a few years ago, when he averaged \$171 per head at a time when cattle were not selling high. The best breeders in Iowa and Nebraska were there and bought liberally and were more than pleased with his cattle. In his coming sale he will sell eighteen head of Short-horns, among which will be seven young bulls, nine young heifers and two cows. There will be a number of good Scotch heifers in the sale and some Scotch and Scotch-topped bulls. There will be several well-bred Cruickshank Butterfly heifers in the sale and one young Cruickshank Butterfly bull. All the young bulls and heifers are sired by Imp. Victoria's Count, 195220, his present herd bull, and one of the best bred ones in the state of Nebraska; Chief Lavender, Red Bird, Scottish Count and Royal Fancy; all well bred Scotch bulls. Imp. Victoria's Count was bred by Mr. J. Dean Willis and was imported by Mr. W. D. Platt and afterwards bought by Mr. Cameron and has been used with much success in his herd. He is a Cruickshank Victoria and no bull has ever crossed the water that had a better pedigree or is a better breeder. His get in this sale will show what a breeder he is, as he is the sire of a bunch of heifers that are good enough to go into any herd. There are seven young bulls in the sale. No. 4 is a Cruickshank Butterfly, and will be two years old next March. His sire is Imp. Victoria's Count, and his dam is Rosedale Butterfly 3d by Red Bud, and she is one of the best cows in the herd. Here is a good young Scotch bull for someone wanting a herd header. No. 5 is another good bull sired by Imp. Victoria's Count. He is also out of a daughter of Red Bud, and belongs to the Frantic family that produced so many of the Robbins show cattle, and another good one is No. 2, sired by the same bull and out of a daughter of the Harris-bred bull, Lochinvar. He is a yearling and is one of the best in the sale. Rosedale Butterfly 4th and Rosedale Butterfly 5th are two of the best bred Scotch heifers in the sale. Both of these are sired by Scottish Count, and one is out of a Red Bud and the other is out of a Chief Lavender cow. The Cruickshank Butterflies have been one of the most popular and one of the most sought after of the Scotch tribes and here are two good representatives. No. 10 is a two-year-old heifer, a daughter of Scottish Count, and out of Fanny Weldon by the Knight of Weldon. She is one of the choice things in the sale. The dam of this heifer is a red cow, weighing 1,700 pounds, and the best one in the Cameron herd. She is a strictly A 1 heifer and she is bred to Imp. Victoria's Count. Another richly-bred heifer is Roan Lady, got by Royal Fancy out of a daughter of Scotsman. This is a Canadian bred heifer, and a splendid individual. She is bred to Butterfly Duke 2d, a richly-bred Scotch bull. She is one of the best heifers in the offering. Mr. Cameron is also selling a daughter of Lochinvar bred to Imp. Victoria's Count, and a daughter of Chief Lavender with a bull calf at foot by Imp. Victoria's Count and rebred to the same bull. He will also sell thirty-six head of very choice Duroc Jersey gilts, and no breeder in the West has sold a better bunch. They are sired by West's Duroc 43017, a son of Noble King; Russell's Choice 43019, a son of Crimson Wonder; Gold Dust Model, a son of Malcolm's Model; Diamond Jim, a son of Gold Dust Jim. Mr. Cameron is also putting in a litter by the great Glendale Critic. They are bred to these same boars and it makes a combination of blood lines and individual merit that is hard to beat. The offering as a whole is away beyond the average. They have been well grown out; have lots of length, with great bone development, and are just the kind the boys are looking for. We will call the attention to a few of the best in the offering. Nos. 12 and 13 are March gilts, and are daughters of Gold Dust Model out of Rose O'Grady by Surprise. Tracing back this pedigree you will find the blood of old Orion, Top Notcher, Liberty Jim, Ohio Chief and other great sires. These gilts have plenty of size, extra good bone and great length of body. One of them is bred to Russell's Choice and West's Duroc. No. 14 is bred along the same line and is one of the best sows in the sale. Another nice gilt is No. 33, a daughter of Gold Dust Model out of an L's Choice dam. The offering is so uniform throughout that it is difficult to pick out any great number that excel the others, but we want to say to Homestead readers that they are not going to be disappointed in them when they see them. If you want Short-horn cattle or Duroc Jersey sows it will certainly pay you to attend the sale of Mr. Carey Cameron. Write for his catalog at once and mention The Homestead.

#### McWilliams' Sow Sale.

At Wall Lake, Iowa, on February 22d, Mr. M. A. McWilliams will hold his annual Duroc Jersey brood sow sale, and he is selling a splendid lot of sows. There will be forty-five head in the sale, and twenty of these are sired by his noted boar, Orion J., a full brother to Orion. Orion J. was sired by old Orion and his dam is the great brood sow, Kruger Maid. He is a hog of great length and wonderful bone and has been a good breeder. Many of the sows in the sale are bred to him and one of these would not be a bad thing to have. A great many of the sows in the sale bred to Orion J. are sired by Gilbert's King, a former herd boar. The dams of these are sired by Tolstoy, Ohio King, Mill Bank's Boy, Duroc Challenger and other well-known boars. You will find good length, good color and heavy bone in the McWilliams offering, and it will be what the buyers all want. One of the attractions is a yearling daughter of Tolstoy's Queen, bred to Orion J. Tol-

stoy's Queen is a very fine sow, sired by Tolstoy. Then there are three lengthy, growthy Gilbert King gilts out of May Cherry 2d by Ohio King, a prize winner at the Interstate Fair. Some of the best gilts in the offering are sired by Orion J. and out of Nellie's Pride, she being the dam of the very toppy gilt that topped Mr. McWilliams' sale a year ago. Other good ones by Orion J. include a toppy, smooth one out of Fanny E. by the show hog, Challenger's Model. Among the older sows are some special attractions, of which the catalog gives full particulars. Those interested in buying should write for it, mention The Homestead, and arrange to attend the sale.

#### Last Call for the Wheeler Mastodon Poland Chinas.

In the sale of Mastodon Poland Chinas to be made by Mr. W. W. Wheeler, of Harlan, Iowa, there will be nine aged sows of the type that this term most nearly describes, sows weighing from 600 to 750 pounds. The herd boar to which much of this stuff is bred is Columbia Chief 2d by Columbia Chief by Chief Tecumseh 3d, his dam by L's Chief Rival. Almost every breeder is familiar with the record of that grand sire, Chief Tecumseh 3d, and it will be seen that this boar comes from that great boar through one of his best sons. On the other hand, older breeders will remember that some years ago L's Chief Rival was a state fair winner and that he was an immense boar. We do not remember his weight, but we can see him as distinctly now as though it were but yesterday—a grand wide back, deep, right on the ground, with lots of length and yet his back up strong, just such a boar as might be expected to sire stuff to found a new branch of Poland Chinas—the Mastodons. Not only has Columbia Chief 2d great size, but he has exceptional quality as well; is a mellow, smooth fellow, that will please even the man who breeds the little fellows. He has a ten-inch bone and measures seventy-three inches in all his measurements. If that does not seem large to you, suppose you go out and run a tape line around one of your "big" ones, run it out to seventy-three inches and see if another pig couldn't jump through it. Seventy-three inches is going some. Longfellow B., one of the assistants, measures seventy-two inches. He was sired by Sunrise Chief and his dam by old Longfellow. Mastodon, the young fellow that may take a leading place some day, is of breeding not so well known here. He was farrowed March 2d, has a nine-inch bone and measures fifty-eight inches. How is that for a pig? Most of the gilts in this sale are bred to him. Note that the gilts will weigh up to 400 pounds and that only three of them are as early as March farrow, and that well on in the month. The gilt that attracted our attention most was one of three going in from one litter by Surprise Wonder 5th, their dam of Chief Tecumseh 3d breeding. Very showy gilts these, with size to please. There are five from one litter, a litter of twelve, all raised, that ought to be lined up in a row, just to see how much pork there is—just think of what this sow has produced in one season. She farrowed her litter in April and has produced another since then. The first litter now weighs probably not far from 4,200 pounds, more than two tons of pork from one sow in only a few months, and another litter just like them coming right along. Even at a pork valuation her spring litter is worth \$277.20, taking today's Sioux City market as a basis—top hogs \$6.60. What is the value of such a sow? Can you estimate her value? Is it any wonder that farmers are tumbling over themselves to buy sows of that sort? Mr. Breeder, is this not an object lesson to you? The farmers demand this stuff and will have it. Breeders must produce it. Why not go to headquarters and secure some of it? Get in on the ground floor and have some of it in your herd. It is money-making stuff. Write to Mr. W. W. Wheeler for a copy of his illustrated catalog, and please mention The Homestead. Remember the date, Feb. 27th.

#### Lone Retreat Stock Farm's Jacks, Jennets and Stallions to Be Sold at Auction.

On March 15th, the entire stud of jacks, jennets and stallions owned by the late Mr. J. C. Ray, of Lawson, Mo., will be dispersed at public auction. Mr. Ray was killed in a runaway accident on January 16th and the sale is made necessary in order that his estate may be settled. Lone Retreat is unquestionably the oldest farm of the kind in the United States. Mr. Manley Ray, father of the late Mr. J. C. Ray, named "Lone Retreat" in 1859 and since that time the fame of Lone Retreat has spread from ocean to ocean. Mr. J. C. Ray, succeeded his father in the breeding of jacks and jennets and some of the best jacks ever raised claim Lone Retreat as their birth place. Mr. Ray was proud of the record made at Lone Retreat, yet he was never known to boast, or claim more than was justly due the class of stock that was sent out from Lone Retreat. As high as seventy jacks were sold within a year and all was done in such a quiet and business-like manner that the outside world hardly realized the volume of business done by Mr. Ray. No law suits were ever had over any deal, as Mr. Ray's business dealings were as an open book. No stale stock was allowed to accumulate at Lone Retreat, and at the time of Mr. Ray's death there was on hand as clean a lot of jacks and jennets as were ever owned at the farm. These, with the stallions will be sold at public auction on March 15th. The jacks run from yearlings to nine-year-olds; they stand from fourteen and one-quarter to sixteen hands high and weigh from 750 to 1,200 pounds. The jennets are from three to seven years of age and are in foal. Mr. Ray always owned a few first-class stallions, and there will be four in the sale. One a high-class saddle stallion, one Wilkes-bred trotter and two draft colts—Percherons. The sale will be held at the farm near Lawson on the C., M. & St. P. and Santa Fe railways and Holt on the C., B. & Q. and C., R. I. & P. railways. Colonels Harriman and Sparks will do the selling. For catalogs write either Mrs. Lena M. Ray or Mr. C. F. Chamberlain, Mgr., Lawson, Mo. See page 33 for advertisement.

## ANNUAL SALE

# DUROC JERSEYS

40

BRED SOWS

AGED--YEARLINGS--GILTS

40

AT OSCEOLA, NEBRASKA, FEB. 21, 1907.

I WILL sell on the above date forty head of select brood sows that are the best I have ever offered. Eight daughters of the great Red Knight 25199, first and sweepstakes boar Nebraska State Fair, 1905. Eight granddaughters of Crimson Wonder and out of Red Knight dams. Fourteen Belle's Echo gilts. Scale and bone are my specialties. My sows are the large, roomy kind that make good mothers. They are bred to three as good boars as I am able to get together. Write for catalog. Mail bids may be sent to Ray Page of The Homestead.

E. J. Brown, Prop., Osceola, Neb.

COLONEL CALLAHAN, AUCT.

## Great Dispersion Duroc Sale

TO BE HELD AT

Osceola, Nebraska, February 22d, 1907.

50

head of grandly bred brood  
: : : sows and gilts : : :

50

On the above date I will offer my entire herd of Duroc Jersey hogs and among them are sows that money could not buy otherwise. If you are looking for big ones, come to this sale; I have them. I have bred some noted prize winners, including Middle Rose Lady, the sweepstakes sow of 1906. My two herd boars will also go. Write for catalog.

Callanan,  
Auct.AXEL F. JOHNSON,  
Osceola, Neb.

Send bids to Ray Page of The Homestead.

## Dispersion Sale of Duroc Jersey Bred Gilts

will sell at Lilac Hill Farm, near Clarion, Ia., Tuesday, Feb. 26, '07

### 60 Head of Choice Duroc Jersey Gilts, Bred

They are the long-bodied, heavy-boned, growthy sort that have from 8 to 14 pigs at a litter and raise them. In other words, they are the Farmers' Ideal Mortgage Lifter. They are of March and April farrow and contain some of the best blood lines that has assisted in making the Duroc Jersey the most popular of all breeds. About 60 gilts were selected for this sale and the remainder fattened and sold on the general market. The dams of these pigs averaged 600 pounds each in November. These gilts were sired by Togo 37421, a 1,000-pound boar, and they are bred to Golden Chief and Gold Bud.

Address for catalogs G. J. MACK, Clarion, Wright County, Iowa  
Send bids to Col. M. K. Uhr, or Col. J. A. Haley, in my care.



## Dispersion Short-horn Sale.

Short-horn breeders will be interested in the dispersion Short-horn sale of the late Mr. Patrick Gleeson, at Oakland, Neb., on February 28th. Few breeders in the state of Nebraska were better or more favorably known than was Mr. Patrick Gleeson, and few breeders in the West bought better cattle, or were more discriminating when it came to buy foundation stock. The entire herd will now be dispersed at public auction in order to settle up the estate, and it will include two herd bulls, thirteen young ones and all the breeding cows, heifers and calves. There will be about sixty-two head in the sale. The well-known herd bull, Count Waterloo 151016, the bull that Mr. Gleeson paid \$1,000 for at the Martin Flynn sale at Des Moines a few years ago will be sold, and he is in excellent condition. This bull formerly did service in the Flynn herd, and was the sire of some of the highest-priced things that they have sold. He has been used in the Gleeson herd with marked success, and many of the young heifers and young bulls are sired by him, and he will be bred to many of the cows. He is a solid red in color, a well-lined bull and a good breeder. Clover Lawn Sultan, a son of Imp. Craibstone, will also be sold, and he is a straight Scotch bull and will be bred to the Count Waterloo heifers. There will be a number of richly-bred Queen of Beauties in the sale and also a few Orange Blossoms. One of these Queen of Beauty heifers will be bred to the great show and breeding bull, Choice Goods, and should prove attractive to breeders. There will be about thirteen young bulls in the sale, and a lot of well-bred heifers. The plainer families will be represented by some good Rose of Sharons, Wild Eyes, Oxfords, Nonpareils and other well-known families. Most of the cows will be safe in calf and some with calf at foot. It being a dispersion sale, there will be some good bargains offered, and those wanting Short-horn cattle should not overlook this opportunity to get cattle at their own prices. Write Messrs. Gleeson Bros., Oakland, Neb., for catalog and mention The Homestead.

## G. J. Mack's Dispersion Sale of Duroc Jersey Bred Sows.

On page 37 of this issue will be found the announcement of Mr. G. J. Mack, of Clarion, Iowa, of a dispersion sale of sixty large, growthy Duroc Jersey gilts, all safe in pig. Mr. Mack, it will be remembered, dispersed his herd of Short-horn cattle last fall. Owing to the loss of his companion during the past summer he feels forced to leave the farm, hence this dispersion sale, where everything goes to the highest bidder. A Homestead representative has recently inspected these sixty gilts and can truthfully say that they are the large, roomy type, heavy-boned and well calculated to fill any farmer's barn yard with cherry blonde pigs galore. Mr. Mack has carefully selected these sixty hogs from a large number of March and April gilts; all inferior ones were put into a fattening pen and fattened for the general market. In order that a proper conception can be had by our readers of the growth and immense size of these gilts, we relate the fact that the dams of these pigs were weighed in November and averaged 600 pounds each. A large per cent of these gilts will now weigh 300 pounds. They are choicely bred and by tracing their pedigrees we find that they contain the blood of that great boar, Orion, bred by Mr. N. P. Clarke, and sold to Mr. Wm. Roberts, of Paton, Iowa, from which nearly all present modern Duroc Jerseys descend. Through Raycroft Sensation 31213, one of the boars used by Mr. Mack, we find some of the same blood that produced the sensational Crimson Wonder. Other lines of breeding days will be found prominent in the earlier days of the building up of this herd were animals of Messrs. Cantine Bros. & Stephenson's breeding. Mr. Mack will hold his sale on the farm and in a tent, where all will be made as comfortable as possible. In writing him for catalog, kindly mention The Homestead.

## Dispersion Sale Short-horns and Poland Chinas.

Mr. E. O. Walcott, of Gilmore City, Iowa, has decided to sell out his holding of pure-bred Short-horn cattle and has chosen February 27th for that event, which will be held in comfortable quarters on the farm three miles north of the above-named town. Mr. Walcott finds that it is impossible to carry on his extensive feeding operations and at the same time maintain a pure-bred herd on account of lack of help, and consequently takes this manner of disposing of his collection of registered stock, which includes forty head in all, consisting of mature cows, heifers and young bulls. Among the females will be seven head of three and four-year-olds, principally of Scotch breeding and purchased at Mr. H. G. McMillan's sale last fall at Cedar Rapids, Iowa. Some of these have calves at foot; others are due to calf in March. There are also some of the offering that originated from the herd of Mr. N. A. Lind, of Rolfe, Iowa. The heifers are principally sired by a Scotch bull, Victor Lad 18226, by Headlight, as well as the three young bulls which are about ten months old and vigorous, desirable types for prospective herd bulls. Among this collection farmers as well as breeders should be able to find something to suit their pocketbooks and tastes. The stock has been properly cared for and will be in nice breeding shape. The catalog also includes the Poland China offering, which consists of fifteen head of brood sows and gilts principally of Perfection lines of breeding. They are of good size and bone and probably will offer some splendid chances for investment. Write for this catalog and plan to be at the sale with your neighbor farmers and breeders. Kindly mention The Homestead when writing. The advertisement appears on page 38.

## A Buena Vista County Breeder Sells.

Mr. J. A. Penn, of Alta, Iowa, will sell at his farm just north of the fair grounds near town his complete herd of Short-horn cattle and also thirty head of pure-bred Poland China sows and gilts. As Mr. Penn has his farm too crowded with hogs and cattle he has decided to close out the cat-

tle and continue in the hog breeding business. The swine offering represents the results of his breeding and is made partly to make the sale especially attractive. The herd of cattle consists of twenty-eight head, which includes fourteen cows, four of which have young bull calves at foot sired by Duke of Orange 2d 192733, a Scotch bull from the herd of Mr. Andy Stewart, of Newton, Iowa. This bull is by Canute 106716 and his breeding speaks for itself. There will be four young bulls by this sire ready for service in May, also one fall yearling bull, Major Richmond 263398, by Wild Eyes Count 200659. The offering of cows includes some of both English and Scotch blood lines and will undoubtedly prove useful in the hands of those who secure them. The swine offering represents thirty head of sows and gilts of recognized lines of breeding and bred to a grandson of Perfect I Am 88267 and a son of Jumbo 104677. Here is a good opportunity to secure some pure-bred hogs and cattle. Write for catalog. Kindly mention The Homestead.

## McLemore Sells Short-horns at Lyons, Neb., February 18th.

On February 18th, Mr. W. M. McLemore, of Kearney, Neb., will sell a draft of Short-horns at Lyons, Neb., and among them will be animals of the choicest Scotch breeding. Forty head will be offered—fifteen bulls from ten to eighteen months old, and twenty-five good, useful cows and heifers. These cows have all breeders, every one of breeding age having raised a calf this year, and some of them will have calves at side on sale day. They are of good milking strains, a point that is very essential in the buying of good Short-horn cattle. These cows have plenty of size, are of the blocky, heavy type and are mostly all reds. The bulls are good, both in breeding and individuality. Two of them are straight Scotch, and the balance have from three to seven Scotch tops. One of the good bulls of the sale is Nick Longworth 255575, a two-year-old Cruickshank Orange Blossom bull, and was considered the best of fifteen good bulls raised by Messrs. C. S. Barclay & Sons in 1904. He is a broad-backed fellow, very deep; has good lines; is low down and is of the good beefy type. In Prince Victor we have a Scotch yearling that is one of the good calves we have had the pleasure of looking at this year. He is by Victor Royal and is an extra good individual. Look him up on sale day if you are in the market for a good yearling Scotch bull. Catalogs are now ready and can be had by dropping a card to Mr. W. M. McLemore, Kearney, Neb. Get a catalog and then attend the sale. If you cannot attend, send a bid to Mr. T. C. Callahan, the auctioneer, and it will be properly handled. When writing, please mention The Homestead.

## W. J. Wendt's Sow Sale.

One of the Duroc Jersey sow sales to which we always like to call the attention of Homestead readers is that of Mr. W. J. Wendt, which will be held at Marcus, Iowa, on Wednesday, February 27th. We say we like to call our readers attention to his sale because we know he breeds good hogs and always deals fairly with his customers. He is selling thirty-eight head in this sale and they are sired by old Albinus, Royal Plummer, Wendt M. Wonder C. (a son of Crimston Wonder), Wendt's King, and a few by other boars. The most of the offering will be sired by Wonder C., Wendt M. and Wendt's King and they are bred to these same boars and also to Lottie's Top Notcher, a son of Top Notcher Again, and to Grand King, a son of Wendt's King. These Wonder C. sows bred to Lottie's Top Notcher have turned out well and a number in this sale are bred accordingly. There is not a herd in the Northwest that has a better line of blood than will be found in the Wendt herd, and he is offering a nice class of sows in this sale. If there is any man on earth that will treat you right, Mr. W. J. Wendt will, and if you want Duroc Jersey sows it will pay you to attend his sale. Write for his catalog and mention The Homestead.

## Podendorf's Great Iowa Sunshine Poland China Sale

Logan, Iowa, February 23, 1907

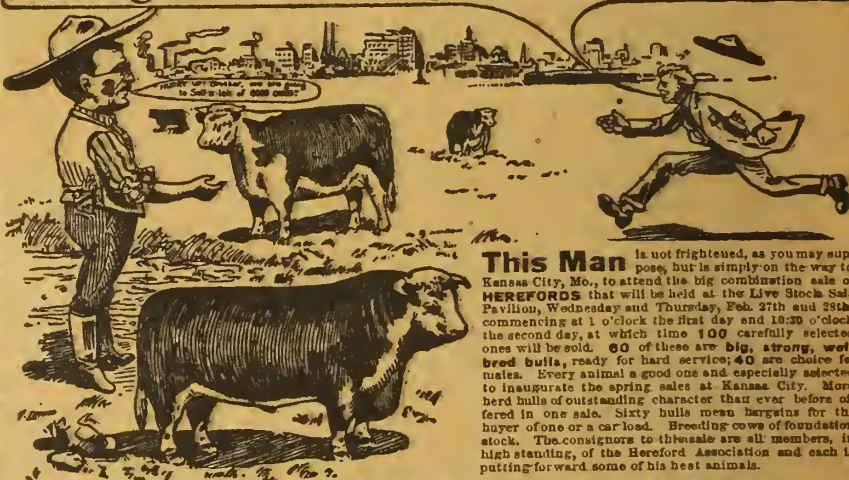
40 Head, 30 bred sows, 40  
10 fall pigs

I am selling some of my best show sows and some of the best daughters of old Iowa Sunshine, the greatest sire of prize winners in the state of Iowa. There will be daughters of Perfection E. L., Iowa Sunshine, Proud Perfection and the great Mischief Maker in the sale. I am also selling some great fall pigs by Iowa Sunshine that will make show material. One of these is the best prospect I know of for a show boar next year. Also a gilt that is a show prospect. Write me at once for catalog. Address,

A. J. Podendorf, Logan, Ia.  
Col. Jensen, Auctioneer

Send bids to M. T. White, Homestead representative, in care of Mr. Podendorf.

"I'm in a hurry to get to Kansas City to buy some of those good Registered Hereford Cattle that are to be sold in the Live Stock Sale Pavilion, February 27 & 28."



**This Man** is not frightened, as you may suppose, but is simply on the way to Kansas City, Mo., to attend the big combination sale of **HEREFORDS** that will be held at the Live Stock Sale Pavilion, Wednesday and Thursday, Feb. 27th and 28th, commencing at 1 o'clock the first day and 10:30 o'clock the second day, at which time 100 carefully selected ones will be sold. 60 of these are big, strong, well bred bulls, ready for hard service; 40 are choice females. Every animal a good one and especially selected to inaugurate the spring sales at Kansas City. More herd bulls of outstanding character than ever before offered in one sale. Sixty bulls mean bargains for the buyer of one or a carload. Breeding cows of foundation stock. The consignors to this sale are all members, in high standing, of the Hereford Association and each is putting forward some of his best animals.

Send now for catalog to C. R. THOMAS, Sec'y., 221 West 12th St., Kansas City, Mo.

NEAL'S  
DISPERSION SALE OF POLAND CHINAS

to be Held at Farm Near

HOUSTEN, NEB., FEBRUARY 20, 1907

On the above date I will offer my entire herd, thirty-three head of brood sows and gilts, thirty head good growthy fall pigs and two good herd boars will be sold. Cedar Lawn Chief, by Allerton's Chief, Great Look, a son of Grand Look, the first prize hog at Nebraska and Kansas fairs, 1906. Catalog now ready. Write for one. Parties coming by way of York will find free conveyance to the sale.

T. W. Smith, Auctioneer.

H. C. NEAL, Prop.  
HOUSTEN, NEB.

## Great Combination Duroc Sale

To be held in sale pavilion at

DAVID CITY, NEBRASKA, FEBRUARY 23, 1907

.....50 Head of Bred Sows From Three Good Herds 50 Head.....

We are selecting fifty head of tops from our herds that are good enough for any company. Very best blood lines represented and bred to as good boars as the breed affords. For catalog, address any of the following gentlemen: Henry Bock, Joe Hilger, M. Tillman, David City, Neb. T. C. Callahan, Auct. Bids can be sent to Ray Page, in care of the above.

## AT PUBLIC AUCTION.

ALTA, BUENA VISTA COUNTY, IOWA

THURSDAY, FEBRUARY 28, 1907.

28 REGISTERED SHORT-HORN COWS, HEIFERS AND YOUNG BULLS. Scotch and English blood lines. Regular producers, money makers.

30 PURE BRED POLAND CHINA SOWS AND GILTS. Recognized blood. Bred to Perfection and Jumbo boars. Growthy and thrifty. Send for catalog. Farm north of Fair Grounds.

J. A. PENN,

COL. C. W. LOOKINGBILL, Auctioneer.

ALTA, IOWA



# IOWA'S FOUR GREATEST Duroc Jersey Sow Sales!

Never before in the history of the breed has such an offering been made as will be sold in these four sales

## A. E. Poush, Chariton, Iowa, Feb. 18

### 40 HEAD OF ROYAL PURPLE TOPS

Of his herd and the tops of several herds. Included in the offering is Lady Pride, one of the greatest yearlings to be sold this season. Five great gilts by Proud Advance and Daisy Orion. Several gilts by Ben Davis, Hanley, Buddy K. IV., Improver King. The offering will be bred to Savannah Belle's Chief, by Ohio Chief, and out of Savannah Belle. Others to Daisy's Advance, the greatest boar Proud Advance ever sired. Others to Orion Advance, by Orion, dam Proud Lady, the \$1,275 sow. If you cannot come send your bids, as I have the greatest lot of sows that has ever been sold, all things considered.

## THE LAST CHANCE TO GET A SOW BRED TO PROUD ADVANCE.

### SHELDON BROS.

Shannon City, Ia., Feb. 19th

PROUD ADVANCE DIED FEBRUARY 2

This is the last chance to get a sow bred to him.

### Thirty Fall Yearling and Matured Sows and Ten Gilts

In the offering will be about twenty-five head sired by the great Proud Advance 23549, and bred to Ohio Chief II.; the rest of them will be bred to Proud Advance. Twenty head of fall yearlings the equal of which has never been put in one sale before. Write for catalog.

### WHITE & DEWEY

Shannon City, Ia., Feb. 20th

PROUD ADVANCE DIED FEBRUARY 2

The last chance to get a sow bred to Proud Advance.

In this offering will be fall yearlings and gilts sired by Proud Advance and several head of yearlings and gilts sired by Crimson Wonder I Am, two of them being full sisters to Crimson Wonder I Am Again. We have by far the best offering we have ever had. Have also used Proud Wonder I Am, one of the best sons of Crimson Wonder I Am, on some of the sows. Write for catalog.

## Feb. 21 A. L. & U. G. Lynch, Mt. Ayr, Ia. 40 HEAD

Fifteen Yearlings and Matured Sows and Twenty-Five Gilts. 2 Buddy K. 4th Sows, 4 Daughters of Proud Advance, 1 Daughter of Ohio Chief.

Our boars in service are of the most fashionable breeding and best individuals money could buy. Brilliant Advance, a great, massive yearling by Proud Advance, and dam, Brilliant Genevieve, a hog with lots of quality and as smooth as velvet. Then we have Orion Chief I Am, a yearling by the Old Orion, that is the best we ever saw. There will be several gilts by Proud Advance bred to Orion Chief, also sows by Buddy K. IV. and Hanley and many others equally as well bred, all safe in pig to those boars. See field notes and write us for catalog, which is now ready to mail.

Send bids to M. T. White, Homestead representative, or to Col. F. F. Luther, in care of the above breeders and they will be properly attended to.

### Sanstead Sells Durocs February 25th.

On February 25th, the first day of the Southwestern Nebraska Duroc Jersey Sale Circuit, Mr. Wm. Sanstead, of Holdrege, Neb., will offer a draft of Duroc bred sows from his herd, which he considers the very best he has ever owned. They are in fine breeding condition, not overfat, but just right to do good for the man who gets them. They are mostly the get of Munger's Ideal, he by Ideal Perfection, dam Myrtle by Sen-sation Jr. This grand young hog has quite a show record, having won first-prize under six months at Wisconsin, second at Minnesota State Fair, first at Beloit, Elkhorn and La Crosse Interstate Fairs.; was bred by Mr. A. A. Munger, of Janesville, Wis., and purchased by Mr. Sanstead at a good long price. He is the sire of most of the younger stuff in this sale and those not related to him will be bred to him. In buying a sire to cross on the Munger Ideal gilts Mr. Sanstead after carefully inspecting several good herds purchased a son of Red Chief I Am from the herd of Messrs. Geo. Briggs & Son. This pig is a very good individual; is backed by good breeding and should prove a profitable animal in this herd. The sows are of good breeding and among them are some choice individuals. Write for a catalog and then arrange to attend this sale circuit, as you will be well pleased with this and all the other offerings. Col. T. C. Callahan will do the selling and bids sent to him or to Mr. Ray Page, of The Homestead, will be properly handled. Write for a catalog at once and arrange to attend this sale. Parties coming on the main line had better get off the trains at Funk, Neb., and you will be conveyed to the sale free of charge, otherwise go to Wilcox and you will be taken to the sale from there.

### Sellers & Son Hold Sale of Duroc Bred Sows February 26th.

Messrs. M. A. Sellers & Son, of Huntley, Neb., will hold their annual sale on February 26th, which is the second day of the Southwestern Nebraska Duroc Jersey Sale Circuit. They have been breeding good Durocs for some years, and in that time have produced some extra good hogs. Their offering this year is what they consider the very best they have ever been able to produce. They are in the pink of breeding condition, having been fed on a ration of food which produces bone and muscle and very little fat. They are of the choicest blood lines known to this breed and among

them are some choice individuals. They are bred to such noted boars as Seller's Duroc by Cole's Duroc, first-prize yearling at Nebraska State Fair, 1903. His dam was Pauline by Paul Finch by Gold Finch. He is a yearling of much quality, good size and has proven a good sire. Others are bred to Crimson Pat by Crimson Wonder, dam Lady Kirk. They also have a son of the great Ohio Chief that much is expected from and we can say that he is one of the best sons of Ohio Chief we have had the pleasure of seeing this year. Some of the gilts are bred to a son, Dandy Top Notcher, by Tip Top Notcher. He is a very growthy, broad-backed fellow that will make a very large hog and should cross well on some of these good gilts. Write for a catalog; look over the breeding, and then arrange to attend this sale. Colonel Callahan will do the selling and bids sent to him or to Mr. Ray Page of this paper, will be properly handled. When writing, please mention The Homestead.

### Tillman's Sale of Big Ones Comes February 27th.

We wish to say to those who are lovers of the large type of Duroc that in the sale of Messrs. S. J. Tillman & Son, of Ragan, Neb., February 27th, they can be found in abundance. Mr. Tillman is the oldest breeder in this section of Nebraska, and has made the hog business a study, as you can plainly see by looking over the animals that he has been able to produce. Mating hogs for proper results is a science in which few men make any development in a life-time of breeding. We can say for Mr. Tillman that he has a good knowledge of mating hogs and has produced some choice individuals in the time he has been breeding. The offering that he has to put before the public this year is very choice in every respect. They are extra growthy; have much quality and are backed up with as good breeding as this breed of hogs affords. We wish to make special mention in this issue of the herd boars used on the sows included in this sale. In Jumbo's Ideal we have a boar of great scale, much quality and an all-round individual that is hard to duplicate. He is a son of Jumbo's Perfection, the first-prize boar at Nebraska two years in succession and bids fair to make as good a breeding boar as his sire. He was used on most of the older stuff in this sale and you will do well to get a sow bred to this hog. He is assisted in service by a son of Nebraska Wonder, he by Crimson Wonder,

and he is a pig that would look well in most any herd. He is very broad, has a wonderful back and side line, good head and ear and a ham that would be a credit to any hog. We look for something extra good in their cross of this pig on Jumbo's Ideal gilts. We will make special mention of the sows in our next issue. In the meanwhile write for a catalog and make arrangements to attend this sale. Colonel Callahan will do the selling and bids sent to him or Mr. Ray Page will be properly handled. When writing, please mention this paper.

### Geo. Karschner Sells Durocs Feb. 28th.

The sale of Duroc Jersey bred sows offered by Mr. Geo. Karschner, of Wilcox, Neb., on February 28th, is one that should attract the attention of the breeder and farmer who are in the market for good breeding stock. In getting this offering together he has selected only the very tops and has mated them to males that are the very best that money can buy. His offering is not large, but the quality shown in them, backed up by the good blood lines that are represented, makes them worthy of the attention of the leading Duroc Jersey hog men. They represent the blood of Jumbo's Perfection, first prize boar at Nebraska State Fair two years in succession; Higgins' Model, the hog that has produced so many prize winners, including the great sow, Nebraska Belle; Improver II., the sweepstakes boar of three state fairs; Hambletonian, first-prize yearling at Nebraska in 1904; Crimson Wonder, second-prize hog same year, and the hog whose produce won more ribbons at the Iowa State Fair last fall than any other two boars that were represented there. With this great combination of prize-winning blood and bred to the boars they are, the produce should be something very choice. Most of the best sows are bred to Journal II., the first-prize pig at the Kansas State Fair and was only four months and two days old the day that he won this prize, competing with boars much his senior in age. He is a grand specimen of the breed and sows bred to him should be in good demand. Most of the gilts are bred to Can't Be Beat Notcher, a grandson of Kan't Be Beat. This hog has a combination of Kan't Be Beat and Tip Top Notcher blood which makes him as well bred as any boar doing service today. Come and look over this offering, as we are sure it will please you. Write for a catalog, look over the breeding and then plan to attend this sale and the whole circuit. If you cannot attend, send a bid to Mr. Ray Page, of this

paper, and it will be properly handled. When writing please mention this paper.

### Wassen's Duroc Bred Sow Sale, Mar. 1st.

On March 1st Mr. C. C. Wassen, of Wilcox, Neb., will offer a draft of Duroc bred sows from his well-known herd, and among them are some very choice breeding animals. This sale is the fifth day of the southwestern Nebraska Duroc Jersey bred sow circuit and to the man who is looking for something with plenty of size and bone this will be a grand opportunity. They are mostly good, big, strong fall yearlings, just the kind that make good, profitable brood sows. These sows are in the pink of breeding condition, not overloaded with fat, but in proper condition to do the purchaser a lot of good. They represent the most fashionable blood lines and are bred to Jumbo's Wonder, a son of Jumbo's Perfection, the hog that won first at the Nebraska State Fair two years in succession and is now at the head of Messrs. H. B. Loudon & Son's herd at Clay Center, Neb. This hog is a broad-backed fellow with good side lines, good ham and the best of bone and feet. Others are bred to Cole's Duroc II., a son of Cole's Duroc, and a hog that has proven a good sire, as his produce will show on sale day. There will be forty head offered, all bred to these two sires, which should produce something extra good. Catalogs are now ready and should be in the hands of every Duroc breeder. Col. T. C. Callahan will do the selling and mail bids sent to him or to Mr. Ray Page, of this paper, will be properly handled. When writing for catalog please mention this paper.

### A. A. & W. G. Karschner Sell Durocs March 2d.

On March 2d, the last day of the Southwestern Nebraska Duroc Jersey Sale Circuit, Mr. A. A. & W. G. Karschner, of Wilcox, Neb., will offer a draft of Duroc bred sows from their well-known herds, among which will be sows of much quality, and good enough to be of usefulness in the best of herds. They raise their hogs on large alfalfa fields where they can have the exercise that is so much needed in developing the brood sow and the litter she is carrying. They have selected nothing but the very tops of both herds for this sale, and while the offering is not extra large there will be individuals among them that should be sold to breeders. Most of the older sows in this sale are bred to L...



# MASTODON POLAND CHINA BRED SOW SALE

In Heated Sale Pavilion, Harlan, Ia.

WEDNESDAY, FEB. 27, 1907.

W. W. Wheeler will sell 45 MASTODON POLAND CHINA BRED SOWS and gilts on the above date.

**The big, prolific, big boned kind**, with lots of quality. They are the right kind and have the right breeding and the right markings. They have been raised right, they have been fed right and they will treat the purchaser right. They contain the blood of Mastodon, Chief Price, Grand Chief Wonder, Surprise Wonder 5th, Longfellow, Longfellow B., Columbia Chief 2d, Demonstrator, Sunshine Chief, Orange Maid 6th, Orange Maid D., Lady Wonder 5th, and Lady Wonder 6th. Every lover of Poland Chinas is invited to attend this sale. If you can't come send bids to Col. H. S. Duncan, or M. T. White. Any lot in catalog will do you good. Send for catalog.

**W. W. Wheeler, Harlan, Ia.**

# Greatest Brood Sow Sale of the Year

Attention is called to the great Royal Purple Brood Sow Sale.

Louisville, Kentucky, Friday, Feb. 22, 1907

One of the greatest lots of sows ever passed through sale ring. **ATTRactions**—Useful Bess by Top Notcher 8803, possibly the last sow by him to be sold in the sale ring; Orion Miss by Orion; Jim's Lady by Junior Jim; Grace F. II. by Ed's Col.; Anne Belle by Sure Winner; Kant's Belle by Kan't Be Beat, all bred to Commodore, king of the breed. Commodore Best, bred to Ed's Col.; Commodore Lady; Commodore Lass, all by Commodore and bred to the great Top Notcher X., one of the best breeders in the land. Other great sows bred to Commodore, Top Notcher X., Ed's Col., Ky. Col. II., Chilton's Col. and other noted sires. Send for catalogs and come to Louisville, Ky., meet the southern and eastern breeders and have a good time. Send bids to D. M. Pierce, in care of Hotel Willard, Louisville, Ky., and same will be honestly and fairly treated. The man who fails to get one of these great sows will always regret it, and lose money. Only a limited number of sows are bred to Commodore. The greatest opportunity of the year.

Cois. H. L. Iglehart and Tom Vinnedge, Auctioneers.

Amos W. Harris & Sons, Waverly, Kentucky.



Commodore 13381, first and champion and headed first-price aged herd at Illinois, Ky. and Tenn. State Fairs, 1906.

FRIDAY, FEBRUARY 22, 1907,

AT  
PARNELL, MISSOURI.

35 HEAD. A FEW ARE OUR BEST TRIED SOWS. BALANCE FALL AND SPRING GILTS.

W. L. A.'s CHOICE GOODS, our great breeding boar got by Lafayette and out of S. E.'s Model by Ohio Chief has been used on a goodly number. He was assisted by King of Mo., he by King of Kings. Among the attractions are daughters of W. L. A.'s Choice Goods, Proud Advance, Tom Watson, Addy's Ohio Chief, Harding's Proud Advance and other great boars. Sale in town. Write for catalog.

LUTHER AND OTHERS, AUCTS. - ADDY & SON, PARNELL, MISSOURI.

**ADDY &  
MURPHY'S**

**GREAT  
DUROC BRED  
SOW SALES.**

SATURDAY, FEBRUARY 23, 1907,

AT  
SAVANNAH, MISSOURI.

40 HEAD. ELEVEN YEARLING SOWS, TWENTY-NINE SPRING GILTS.

OHIO CHIEF AGAIN, that great son of Ohio Chief and out of Savannah Belle, has been used on a goodly number. OHIO BELLE has litter sister bred to Crimmon Wonder I Am, the 1906 champion at Iowa State Fair, should prove a great attraction. See the Proud Advance gilts bred to Ohio Chief Again; others by Perfection Chief, Radiant, Tip Top Notcher, Hanley and Sir Thomas are good. I Am Crimmon Wonder has been used on some. Sale at farm in city limits. Write for catalog.

LUTHER & MCGOWAN, AUCTS. - S. R. MURPHY, SAVANNAH, MISSOURI.

Attention is called to the sales of A. E. Poush, Chariton, Iowa, February 18th; Sheldon Bros., Shannon City, Iowa, February 19th; White & Dewey, Shannon City, Iowa, February 20th; A. L. & U. G. Lynch, Mt. Airy, Iowa, February 21st.

# POLAND CHINA BROOD SOW SALE.

I WILL SELL ON FEBRUARY 21, 1907, AT MY FARM, 15 CHOICELY BRED POLAND CHINA SOWS AND 35 GILTS, ALL BRED.

The fifteen old sows are all bred to Superior Sunshine and the thirty-five gilts are all by Superior Sunshine and bred to Pike Timber Perfection and Pike Timber Meddler. Will also sell Superior Sunshine in the sale. At the same time and place I will sell seven registered Short-horn bulls, two of them straight Scotch. Sale will be held on the farm five miles from Belmont and eight miles from Clarion. Free hotel accommodations to my guests at either Clarion or Belmont, also free conveyance to and from the farm. Address for catalogs.

COL. J. A. BENSON, AUCTIONEER.

T. A. DAVENPORT, BELMOND, IOWA.

Gold Finch, a prize winner in many leading shows and a son of the great Gold Finch. His dam was Dotie, the grand champion sow of the World at St. Louis Fair in 1904. This hog has a show record that is a good one and crossing him on the good sows in this herd should produce animals of much demand. He is assisted by Nebraska Wonder, one of the best of Crimmon Wonders and a hog that has proven a good breeder as his produce will show on sale day. They are also using a son of Morrison's Bell Top on some of the best gilts. Catalogs are now ready and should be in the hands of every Duroc breeder. Colonel Callahan will do the selling and bids sent to him or to Mr. Ray Page, of this paper, will be properly handled. When writing please mention this paper.

Last Call for the Three-day Poland China Sale at Grand Junction, Ia.

One of the sales of Poland Chinas which is coming soon and which deserves the close and careful attention of swine breeders and farmers, is the three-day sale to be held at Grand Junction, Greene county, Iowa, on February 19th, 20th and 21st. One hundred and twenty head of sows, old and young, are being offered and comprise a combined offering from five breeders, namely, Messrs. Geo. F.

Freie, of Ogden; C. M. Howard, J. L. Hudson and J. W. Wampler, of Grand Junction, and C. C. Healy, of Dana. The sale will be held under a large tent and parties from a distance will be entertained. Auctioneers W. W. Stewart, C. E. Luther and W. F. Metzger will open the sale promptly at one o'clock each day. In general the offering is thoroughly representative of the best in the breed. Everyone is cordially invited. There will be mature sows, yearlings and gilts, and they will be bred to fifteen high-class boars representing popular lines of the breed. There will be a number of mature sows and gilts bred to F.'s Dude 121055 and Iowa Boy 94501. Mayflower 3d 267024, out of a litter of nine and a prolific breeder herself, is one of these. She will be three in May and will make a fine addition to any herd. Another part of this consignment is four March gilts sired by Iowa Boy 94501. Anyone can put a good bid on these, for they are from stock that for five generations on the dam's side have proven great breeders for Mr. Freie. They are large, growthy and are a choice bunch. Those looking for something aristocratic will probably find it in the offering of Mr. Howard. This will include grand individuals of Perfection and Dude breeding and bred to E. L. Perfection Jr. 120557. This is a great boar from both the standpoint of breeding and individual

merit. Mr. C. C. Healy will make a good showing with some good breeding sows and choice gilts. Those who see the boars to which his consignment is bred will surely want one of the sows. One of these is Nemo's Chief 162457, a large, strong-boned fellow, well-made and finished. A sow bred to him should prove a very profitable investment. Impudence 2d 115981 is another boar used on this offering. He is from the Winn herd and has received a lion's share of admiration from all those who have seen him. His sire was sweepstakes at the Iowa State Fair, 1905. Some choice gilts bred to him. Look them up. Mr. J. L. Hudson has taken special care to keep up his end of the consignment with a very strong bunch. One number is a fancy sow, Lady Kerington 273850, Perfection bred, and will be worth anyone's attention. Her ability to produce something good will be demonstrated by a quartet of her gilts sired by Bill Boy 115581, and bred to M. Sensation 118623 for early litters. This sow was bred November 27th to Bill Boy. A part of this offering is bred to a Meddler boar, and suffice it to say the produce of this union will be well sired. Some very toppy gilts of March and later litter will conclude the offering. Last, but not least, Mr. Wampler will show some fine goods for your inspection and bred to a Meddler boar. Catalogs are out and it will

pay you to have one on hand, for surely there will be something in this consignment well worth your money and attention. Come out and see some good hogs, visit with brother breeders and lend your influence to make these breeders feel that their efforts have been substantially appreciated. Grand Junction is on the Northwestern and M. & St. L. railroads. Write for catalog to Mr. C. C. Healy, of Dana, Iowa, and kindly mention The Homestead. On page 36 appears the formal notice of the sale.

Thompson's Jack and Jennet Sale.

On Wednesday, March 6th, at the Davless County Jack Farm, near Kidder, Mo., Mr. J. D. Thompson will hold his seventh annual sale of jacks and jennets. For this sale Mr. Thompson has listed fifteen big, black, registered jacks and twenty-five jennets. Mr. Thompson's jacks are of desirable ages and are the big-boned fellows so much in demand. The twenty-five jennets are the best he has ever owned. The matured jennets are big and strong and are in foal to good jacks. Mr. Thompson has issued a catalog that is full of cuts made from original photographs of every animal that sells. He would like to send you one. Write him today and say you saw his advertisement in The Homestead.



240 DUROC JERSEY BRED SOWS AT PUBLIC AUCTION

# GREAT SOUTHWESTERN NEB. SALE CIRCUIT

## Six Days Sale---Feb. 5th to March 2d Inclusive---The Tops of Six Grandly Bred Herds

February 25, 1907

**Wm. Sanstead, Holdrege, Neb.**

Will offer forty head richly-bred, tried sows, yearlings and gilts of most noted prize-winning families. They are bred to such boars as Munger's Ideal, first-prize pig under six months at Wisconsin State Fair, first at Beloit, Elkhorn, La Crosse Interstate Fairs. He is assisted by a good son of Red Chief I am. This combination of blood should produce good ones. A guarantee with every animal. Write for catalog. T. C. Callahan, auctioneer; Ray Page, assistant.

February 26, 1907

**M. A. Sellers & Son, Huntley, Neb.**

Will sell forty head from their well-known herd and they are right in every respect. The blood of such boars as Crimmon Wonder, Cole's Duroc, Improver II., and other prominent sires represented in this herd. Most of them are bred to Seller's Duroc by Cole's Duroc; others to Crimmon Pat by Crimmon Wonder, Dandy Top Notcher by Tip Top Notcher, and a son of the great Ohio Chief. Sale right in town in heated quarters. Come and look over a good bunch of sows. Catalog now ready. T. C. Callahan, auctioneer; Ray Page, assistant.

February 27, 1907

**S. J. Tillman - Ragan, Neb.**

Will sell at his place right in town forty head of tried sows and gilts that are hard to duplicate. If you are looking for size, with quality, come to this sale. I have sows of most noted strains and the individuals to back the breeding. They are bred to such boars as Jumbo's Ideal, one of the best sons of Jumbo's Perfection, and a son of Nebraska Wonder by Crimmon Wonder. Come to this sale. I can please you. Write for a catalog at once. T. C. Callahan, auctioneer; Ray Page, assistant.

February 28, 1907

**Geo. Karschner, Wilcox, Neb.**

Will offer at his farm near Wilcox, Neb., a draft of forty head, consisting of tried sows and good, growthy, spring gilts. They represent the blood of Jumbo's Perfection, Improver II., Hambletonian, Crimmon Wonder, Red Chief and others of equal note. They are bred to such boars as Journal II., first-prize pig at Kansas State Fair, 1905, in under six months class; others are bred to Kan't Beat Top Notcher, a grandson of Kan't Be Beat. Every sow in prime breeding condition. Write for a catalog and arrange to attend the sale. T. C. Callahan, auctioneer; Ray Page, assistant.

March 1, 1907

**C. G. Wassen, - Wilcox, Neb.**

Will sell forty head, including three tried sows, nine spring gilts and the balance big, growthy, fall yearlings. They are in the pink of condition; represent the best blood lines and are bred to such boars as Jumbo's Wonder by Jumbo's Perfection; others to Cole's Duroc II. by Cole's Duroc. Come and look them over; they are extra good, both in breeding and individuality. Write for catalog and arrange to attend the sale. T. C. Callahan, auctioneer; Ray Page, assistant.

March 2, 1907

**A. A. & W. G. Karschner, Wilcox, Neb.**

Will offer forty head of top sows from their herds, and they have selected nothing but the very best. They are very growthy, being raised on alfalfa and fed to do the purchaser good. They are bred to such boars as Lord Gold Finch, a noted prize winner; Nebraska Wonder, a good son of Crimmon Wonder, and a good son of Morrison's Bell Top. Come and spend the day with us. Catalog now ready. T. C. Callahan, auctioneer; Ray Page, assistant.

Mail bids can be sent to Ray Page, of The Homestead, in care of the above gentlemen, and they will be properly handled.

### Last Call for T. A. Davenport's Poland China Brood Sow Sale.

The Homestead once more reminds its readers that Mr. T. A. Davenport, of Belmond, Iowa, will hold his bred Poland China brood sow sale at his Pike Timber Farm, February 21st. Mr. Davenport is offering a choice lot of Poland Chinas, not only from the standpoint of individual excellence, but from the standpoint of rich blood lines as well. At this time he will offer the public fifteen of his choicest matured brood sows, some of them weighing as much as 600 pounds or more; these are a splendid lot of sows, good bone, exceedingly good hams and backs. These are two of the qualifications necessary to satisfy the critical eye of Mr. Davenport. The thirty-five gilts that he is offering are out of these same sows and are sired by Superior Sunshine, a splendid, growthy boar of good type, possessed of an exceedingly heavy bone, and a boar that is close to the ground. We wish to say in this connection that Mr. Davenport has recently had Mr. John W. Hill, of Delaware, Ohio, the one live stock artist who will make the picture of a hog and make it exactly as the animal really is, at his farm, photographing and making sketches of some of the animals to be sold in this sale. We have inspected the animals and the pictures as well, and will vouch for the truthfulness of the statement that any Homestead reader can take Mr. Davenport's catalog, turn to any of the pictures upon his arrival at the farm, and without any assistance readily find the animal that this picture represents. In order to do this the animals have been shown just in their natural flesh, such as they will be found carrying on sale day. They have not been loaded down with the artist's paint brush until they simply look like bags of mush with four pins stuck under them to represent legs. It will be a treat for the lovers of Poland Chinas who really enjoy looking at a life-like animal, to send for this catalog, study the portraits therein contained as well as the breeding, and we vouch for it that the real critical judge of Poland Chinas will recognize the truth and force of the above statement. Mr. Davenport will offer seven good Short-horn bulls at the same time and place that the Poland China brood sows will be sold. He regrets to have to sell Short-horns on the same day, but owing to the fact that his fall sale of Short-horn cattle, fell on the rainiest day of the entire season, he was forced to close the sale and find himself with these seven bulls in hand; they are all reds and range from thirteen to sixteen months old, two of them being straight Scotch bulls. Owing to a sort of sandwich sale, as this will be, the chances are altogether likely that the wise buyer can pick up a Short-horn bull at a very modest price. The announcement will be found on page 40 of this issue of The Homestead. Mr. Davenport earnestly requests all lovers of Poland Chinas to write him at once for a catalog, mentioning The Homestead. Free conveyance and free hotel accommodations will be accorded all of his guests at either Belmond or Clarion.

### Johnson's Dispersion Sale of Durocs and Short-horns.

On February 22d, Mr. Axel Johnson, of Osceola, Neb., will disperse his entire herd of Durocs and Short-horn cattle. He is

one of the oldest Duroc breeders in this section of the state and has bred some of the good show animals of the breed. Mr. Johnson has always raised the big ones, the kind that bear down hard on the scales, and if this is the kind you like, just make a visit to Osceola and attend this sale. There will be fifteen tried brood sows and thirty-five fall and spring gilts, the tops of 150 head. They are bred mostly to Improver II. Jr., a son of Improver II., that has produced some mighty good stuff in this herd. He is assisted by Kirk's Crimmon, a son of Crimmon Wonder, that Mr. Johnson thinks will make a wonderful breeding boar. Among the good brood sows to be offered is Improver's Jewel, a daughter of Improver II. and out of Ideal Jewel. This is a very mellow sow, with great length and depth, good back and ham, and has been one of the most profitable sows ever owned on this place. She is bred to Kirk's Crimmon for an early litter. Improver Jewel II. is another good one. She is by Paul F. and has produced some of the good things to be sold in this sale. Model A is a crackerjack of a fall yearling, one of the very best we have looked at this year. She is by Improver II. Jr., and is an extra good individual. She has a wonderful back, extra good side lines, good head and ear, good bone and feet. Look her up sale day, as she is an extra good one. In Crystal we have another extra good yearling, very much like the one mentioned, and will no doubt make as good a sow. Come and look over this offering, as you can surely find what you want in this sale. I will also offer my small herd of Short-horn cattle, including my bull, Roan Fame, a son of Imp. Scottish Fame, one of the greatest bulls of the breed. I will offer some cows that are hard to equal; they are the dual-purpose kind that are great milkers, have lots of scale and are regular breeders. Write for my catalog and come to this sale. If you cannot attend send a bid to Mr. Ray Page, of The Homestead, and it will be properly handled. When writing please mention this paper.

### H. C. Neal Sells Poland Chinas Feb. 20th.

On February 20th, at his farm near Houston, Neb., Mr. H. C. Neal will disperse his entire herd of Poland China hogs. Mr. Neal has been breeding good Poland China hogs for a number of years and has produced many animals that have made great reputations for themselves in leading shows. His entire herd will be sold, and among them are sows that money could not buy if it were not for the fact that he is quitting the business. Two good herd boars will be offered, and they are proven sires and producers of extra good stuff. As we made special mention of these two sires in our former field note, we will now speak especially of some of the good sows that will be sold. One of the great matrons to be sold in this sale is Black Madge. She is by Neal's Sec., and out of Lady York 2d. She is a sow of much scale; has good back, extra good ham and even side lines, good bone and feet, and has been one of the most profitable animals on the farm. Something more neat and of the easy-maturing kind we have in Iowa Lass 2d. She is by Pease's Perfection by Perfection E. L., dam Iowa Lass by King Herod. She is a show sow in every respect and should find a home in some good herd. Among the good things

is a trio of fall gilts by Cedar Lawn Chief that are hard to beat. They are of the large, roomy type, are smooth as three apples and would look well in any good herd. The gilts to be offered are a growthy, smooth lot, well bred and bred to two extra good males. Come to the sale and look them over and we are sure you can find what you want. Catalogs are now ready and should be in the hands of every good Poland China breeder. Parties coming to York, Neb., can find free conveyance to the farm. Those who cannot attend, send bids to Mr. John Blaine, in care of Mr. Neal and they will be properly handled. When writing, please mention The Homestead.

### Combination Duroc Sale at David City, February 23d.

The combination sale of Durocs to be held at David City on February 23d should attract breeders from all parts of the state. The offering is selected from three good herds, the consignors putting in nothing but the very tops of what they have raised this year. Mr. Henry Bock, of David City, will consign twenty head, ten of which are matured sows and the balance good, growthy spring gilts. They are in just nice breeding condition not overfat, but in proper condition to do the purchaser a lot of good, having been raised mostly on oats and alfalfa. The blood lines are extra good, as the catalog will show you, and they are mated to two extra good males. Mr. Hilger will offer seven good matured sows and thirteen gilts, and among them are some very choice individuals. They trace to most prominent sires of this breed and are bred to a grandson of Higgins' Model that is a hard pig to beat. This youngster is a very smooth pig; has a wonderful back, ham, and side line; also good bone and right up on his toes. He is a good prospect for any man to grow out and will be included in this sale. Mr. Tillman, of David City, will offer ten head of growthy spring gilts that are as even a bunch as we have looked at this year. They will weigh over 300 pounds; are of the most fashionable blood lines and a better bunch of sows individually would be hard to find. Write for a catalog of this sale and look over the breeding of every animal and we feel confident that you will be pleased with the offering when you see them. Those who cannot attend can send a bid to Mr. Ray Page, of this paper, and it will be properly handled. When writing, please mention The Homestead.

### S. P. Briggs Sells Duroc Bred Sows February 20th.

A young breeder who has gained quite a reputation among the Duroc men is Mr. S. P. Briggs, of Seward, Neb. He will hold his second annual sale on February 20th at his farm near town and among them are some very choice individuals. They are also of the choicest breeding known to the Duroc Jersey hog. We wish to invite every breeder who wishes to make a few good additions to his herd to attend this sale. The animals to be sold are those that have been raised by Mr. Briggs and some of them are good prospects for next year's show. Only thirty-six head will be offered and parties can feel safe in sending a bid on most any animal in the sale, as they are a very choice lot. Twenty of them are big, growthy, fall yearlings, very smooth, broad backs and of

the good brood sow type. Gillilan's Choice 116602 by Proud Advance is one of the top things of the sale, and she is bred to Junior Champion, the prize-winning pig Mr. Briggs purchased from the firm of Watt & Foust last fall. Banner 1st by Improver II. is another of the good ones and is worthy of your attention on sale day. She is bred to Junior Champion. Little Lee by Dandelion is a good brood sow to be sold and will be bred to Fashion's Improver. Among the best fall yearlings is Caroline Belle by Fashion's Improver, and, bred to Junior Champion, should produce something extra good. These sows are extra good individuals and we can recommend them to anyone wishing to add a few good ones to their herd. They are bred to two as good boars as you will see in one herd. It will pay you to attend this sale. Catalogs are now ready and can be had by dropping a postal card to Mr. S. P. Briggs, Seward, Neb. Those who cannot attend, send a bid to Mr. Ray Page, of this paper, and it will be properly cared for. When writing, please mention The Homestead.

### Look for the Man in a Hurry.

On page 38 of this issue appears an advertisement of the usual spring combination sale of Herefords at Kansas City, Mo. For the past six years a sale has been made on the last two days in February and this year the dates are February 27th and 28th. The animals to be sold were selected some five or six months ago, especially for this most important sale, and if it is your good fortune to be on hand, you will see one of the best lots ever offered at any sale. The offering consists of 100 head, sixty of which are big, strong bulls ready for service. This is an unusual number of bulls to offer at one time, but as turning out time will be near at hand, they were selected with the view of being able to accommodate any buyer, whether he wanted one to head his herd or a car load to go to the range. The breeding and individuality of these bulls are as good as there is to be found. When a breeder starts out to buy a bull, he sometimes spends several days traveling from farm to farm and many dollars before he succeeds in getting what he wants. There will be bulls at this sale to fill the wants of the most fastidious, so you can leave home, go to Kansas City, get what you want and right back, spending little time and money for traveling, and get your bull or bulls at your own bidding. The females offered are as good every way as the bulls and all will be in fine fix. Good colors, good coats, good heads and horns, good all over. The consignors are: R. C. Wilson, Belton, Mo.; Miss Lou Goodwin, Blue Rapids, Kan.; R. H. Hazlett, El Dorado, Kan.; W. B. Waddell, Lexington, Mo.; Dr. James E. Logan, Kansas City, Mo.; W. A. Dallmeyer, Jefferson City, Mo.; R. T. Thornton, Kansas City, Mo.; Jones Bros., Council Grove, Kan.; Judge Sam'l Hudson, Sibley, Mo.; Gudegg & Simpson, Independence, Mo.; Mrs. K. W. Cross, Emporia, Kan.; C. A. Stannard, Emporia, Kan.; Steele Bros., Richland, Kan.; and J. W. Lenox, Independence, Mo. Sec. C. R. Thomas, at 221 West Twelfth St., Kansas City, Mo., is managing the sale for them. If you have not already received a catalog, write him and he will take pleasure in sending one.



# "ONLY WAY" SALE CIRCUIT

## Three Days, Feb. 19-20-21, '07

These sales are  
all easy of access,  
being on the main  
line of the C. & A.

## ..... 120 HEAD OF BRED SOWS .....

Attend the whole  
Circuit.  
Tops of three  
herds.

### TUESDAY, FEB. 19, 1907

**E. H. Deal & Son, J. G. Norton, Fred Schweizer**

ELWOOD, ILLINOIS

**45 HEAD OF BRED SOWS 45**

Strictly tops of their herds. Three spring yearlings, six fall gilts and thirty-six spring gilts sired by and bred to the most noted boars of the breed. A large number bred to Auditor D., the pig we showed at Springfield, 1906, winning second in hottest competition ever shown there, "What You Say" 36591, one of the best sons of Proud Advance. Others bred Double Track and Chancellor. Sows sired by Double Track King Ely, Fashion Boy, Champion Paul, Golden Hero, Tip Top Notcher and others. Big, growthy, big boned gilts, the kind to grow and breed. Auctioneers: Reppert, Cunningham and Reeves.

### WEDNESDAY, FEB. 20, 1907

**W. J. Taylor, C. P. Morris, Jno. Schrotbeger**

DWIGHT, ILLINOIS

**40 HEAD-1 Yearling-5 Fall Gilts- 34 Spring Gilts**

bred to Illinois Notcher by Tip Top Notcher and Archer by Ambition. These sows are sired by Perfection J. K., by Allison Jr. Perfection; Sport by Big King. Five gilts out of Lady Alice by Proud Advance, her dam being Amy M. by Orion. Five litter mates to "What You Say"; two spring gilts by Buddy T's Best by Buddy T. Sale held at W. J. Taylor's, three miles northwest of Dwight, in heated tent. Col. Reppert, Auctioneer.

### THURSDAY, FEBRUARY 21, 1907

**F. M. Erschen,**

**35---Head of Choicely Bred Sows---35**

**Odell, Illinois**

Three two-year-old sows; seven yearlings and twenty-five young gilts bred to Hanley II 50433, Indiana Boy 50435, Long Duke 44289 and Frank's Choice 35801. Sows sired by Comet, a good son of Gold Finch; One Such by None Such and out of Decatur Belle IV; Odell Boy he by King Wonder 14131; Dumont by Conodo C.; Choice Goods, he by Echo King and out of Decatur Belle II. The gilts are sired by Ohio Boy 10711A, I. J's Chief 12445, Corrector Boy and other good boars. Sale to be held three and one-half miles north of Odell. Everybody will be made comfortable. Cols. Reppert and McGowan, Auctioneers.

#### Lefebure's Scotch and Scotch-Topped Short-horns.

On Thursday, February 21st, on the same day of Mr. John Lefebure's great Chester White brood sow sale, will occur the sale of eighteen head of select Short-horns, including several good bulls and a bunch of cows and heifers. Among the bulls to be sold is Mr. Lefebure's Scotch herd bull, Iowa Chief of Scotts. This is a Cookson-bred bull, six years old, and belongs to the Cookshank's famous Brawith Bud tribe. His sire is Perfection 2d, a bull bred by the Cookson Bros., while his dam is Golden Princess 2d, a daughter of Norman Knight, a bull bred by Mr. Amos Cruickshank. This is as well bred a Scotch bull as anyone could desire, and he has proven himself a great breeder for Mr. Lefebure. He is a great bull, with splendid head and horn, denoting ideal breed character. In fact, he is a gem of the first water, but Mr. Lefebure has used him as long as is possible, owing to the fact that he has so many of his daughters in the herd, and they are so good that he now finds himself in the position of having to resort to the use of another bull. A young Cruickshank Victoria bull is offered in Lot 14 of the sale catalog, called Victoria's King; he was calved July 20, 1905, and was sired by the herd bull previously described, while his dam is a Cruickshank Victoria tracing to Imp. Victoria 71st by Roan Gaiet. These are the two Scotch bulls that are for sale. There are several other good Scotch-topped bulls of the Booth Rosebud family; in fact, the preponderance of blood coursing the veins of these other bulls is Scotch, and it is doubtful if eastern Iowa has ever had a family of cattle that was more productive of good, practical, useful cattle than this same Rosebud family of which we speak. Lot 2 of the catalog is a splendid Scotch cow, Missie Secret Second; she was calved July 18, 1900, sired by that splendid Cruickshank bull, Scottish King; she is only four removes from that splendid imported cow, Splenwort by Royal Victor. This cow was bred by Mr. Amos Cruickshank and imported by Mr. J. L. Davidson. At Mr. T. J. Wornall's sale at Kansas City in March, 1901, a bull calf descending from Imp. Splenwort sold to Messrs. Forbes and Prather for \$800. This splendid cow, Missie Secret Second, has a nice bull calf at foot dropped January 12th. Lots 3 and 4 are both Butterflies, tracing to Imp. Miss Butterfly by Master Butterfly. These Butterflies were handed down to Mr. Cruickshank by Colonel Townley. Lot 3 was calved June 13, 1903; has a beautiful calf at foot dropped December 21st. She was sired by Iowa Chief of Scotts, which certainly detracts nothing from her royal breeding. Lot 4, Butterfly Daisy, is a year younger and was sired by the Duchess of Gloster bull, Highland Chief. This cow was bred January 5th to Scottish Hilton. Lot 6, Oxford Butterfly 14th, Mr. Lefebure considers as good a heifer as he ever owned of this family; she was bred December 3d to Scottish Hilton. The remainder of the offering is principally of the Rosebud family and are all good, practical, useful cattle. Inasmuch as the sale is to be held

the same day with the Chester White hogs it is altogether likely that some good bargains are in store for the wise farmer or breeder who will attend this sale and take advantage of the situation. Besides, if he should not get what Short-horns he desired, he could do no better than buy one or more of the exceptionally well-bred, large and well-balanced Chester White sows that will be sold at the same time and place. Free conveyance from Fairfax or from the Iowa City and Cedar Rapids Interurban Railway to and from the farm. Apply to Mr. John Lefebure, Fairfax, Iowa, for his catalog.

#### Prominent Sale of Chester White Brood Sows and Short-horn Cattle.

This will be our last opportunity to call attention to the very prominent sale of Chester White brood sows and Short-horn cattle to be offered by Mr. John Lefebure, at Fairfax, Iowa, February 21st. It is an unusual offering of strictly first-class and up-to-date stock. At no time in the history of Chester Whites has the writer ever seen a better bunch of bred Chester White sows offered the public by one man. There are forty-two of these sows, principally March and April farrowed gilts, that are weighing at this writing right at the 300-pound mark. A large per cent of them are by Perfection and Nero, and are bred to that splendid boar, Enterprise and Perfection Model. The first named was sired by Louis and he by Napoleon. The dam of Enterprise was Pride of Pine Lawn and she by Hoosier Frank. Perfection model was sired by Counselor, he by Teddy R. and out of Emma L. Perfection Model's dam was Fancy Flower and her dam Reece's Choice. Any person purchasing one of these sows bred to either of the above boars will certainly be in position to reasonably expect some splendid pigs. Mr. Lefebure points with pride to the fact that there has been no disease on his farm nor in his community for ten years among the swine herds. We know something of the ration that these brood sows have received, which is conducive to the proper growing of bone and muscle. Here is Mr. Lefebure's recipe for growing the ideal Chester White swine: First, select the proper type and of the right blood line, then let them have the run of the pasture, not less than twenty acres, feeding wheat, oats, bran and shorts, oil meal and some corn, but not a heavy feed of corn. Mr. Lefebure is certainly placing on the market forty-two Chester White gilts that it would be hard to duplicate anywhere in the United States, and The Homestead certainly believes that it is doing its readers a kindness to urge them to attend this sale in person and see for themselves the high character of these Chester Whites. The splendid, typical and ideal heads and ears will be found on each and every one of the forty-two cataloged. The methods of feeding have produced splendid bone and they are all squarely up on their toes and very active for gilts of this size and growth. Their bodies are of the ideal conformation necessary to the typical pork hog. The catalogs are now out and will be ready to mail to all our readers

who apply to Mr. John Lefebure, Fairfax, Iowa, mentioning this paper. Fairfax is but seven miles from Cedar Rapids and both the Chicago & North-Western and Milwaukee railroads reach Fairfax. The farm is located two and a half miles from Fairfax and three miles from the Iowa City and Cedar Rapids Interurban Railway. Free conveyance on day of sale will meet the trains on all three of these lines. Interurban cars leave Iowa City and Cedar Rapids in both directions each and every hour, so that anyone who might miss their railway connection can still get to the sale on the Interurban.

#### Great Sale of Poland China Bred Sows.

On February 26th, at the fair grounds at Marshalltown, Iowa, Mr. J. C. Bailey will sell about thirty strictly choice Poland China sows bred, more than two-thirds of which are March and April gilts and the choicest bunch that our representative has seen. They are sired by five different boars, which will give a variety of blood that is unusual; these sows are sired by such boars as Perfection Star 107291, Nemo Boy 82765, Long Price 102707, Ohio Perfection 2d, Lookout Tecumseh 37766. These gilts have more length and development than we have found in any bunch of like number for years. We wish to say a word in this connection concerning Mr. J. C. Bailey. The writer of this article has been familiar with his breeding operations for some fifteen years, and considers Mr. Bailey not only one of the good judges of Poland Chinas, but one of the best breeders and developers in the business. He has never fed his hogs with the idea of putting on flesh alone; extra growth, plenty of bone and muscle have been the points most observed in his development. Mr. Bailey founded his herd some fifteen or sixteen years ago by purchasing brood sows from that old-time breeder, Mr. A. C. Diller, whose reputation at that time was made on one family, known as the famous Susie family; this was an exceptional strain of Poland Chinas, the sows of which were exceptional mothers, prolific breeders and great sucklers. Their pigs were always in demand at good prices by the most critical buyers in the land. Some of this same old reliable strain of blood is still to be found in Mr. Bailey's herd. In fact, four among the best gilts of this superb offering are Susies. We wish to emphasize the fact that any Poland China breeder who is looking for more size in his herd, heavier bone and yet preserving finish and proper Poland China conformation, can find just what he is looking for in this forthcoming sale. Inasmuch as Mr. Bailey has been a modest man, he is not as widely known as many others who are breeding Poland Chinas far inferior to his own. For this reason we would admonish Homestead readers who want a really high-class article in the way of useful, practical Poland Chinas, to bear this sale date in mind, and if they cannot possibly be present at this sale, any bids entrusted to Mr. J. C. Bailey will be placed in the hands of his auctioneers and handled as carefully as if the owner were there. Mr. Bailey will be

placed in the hands of his auctioneers and handled as carefully as if the owner were there. Mr. Bailey is a thoroughly reliable and honorable gentleman, as we can vouch for from coming in personal contact with him for years in a business way. Address him at Marshalltown, Iowa, for catalog.

#### E. J. Brown Sells Duroc Bred Sows February 21st.

On February 21st, Mr. E. J. Brown, of Osceola, Neb., will offer a draft of Durocs from his well-known herd and among them are some very choice individuals. The offering consists of forty head, the breeding of which would be hard to duplicate in any one herd in the state of Nebraska. Nearly every animal to be included in this sale was bred and raised on the Brown farm and some of them have won laurels in the hottest shows in the West. There will be eight daughters of the great Red Knight, first and sweepstakes boar at the Nebraska State Fair, 1905, and also the sire of many prize winners. As a prominent and well-known breeding boar, Red Knight needs no introduction to the 100,000 readers of The Homestead, as he has made a record among Duroc Jersey sires that will be prominent in Duroc pedigrees for years to come. Fourteen daughters of Belle's Echo will be offered and some of them bred to Red Knight, others to Brown's Chief, a son of Belle's Chief, and one of the most promising young sires doing service today. Among the prize-winning sows to be offered is Fancy Maid, a daughter of Van's Perfection, and a winner of second prize at Nebraska State Fair in 1905 and 1906. She is a full sister to Daisy Maid, first-prize sow at Nebraska in 1903, and will be sold safe in pig to Red Knight for a March 2d farrow. She is in the pink of condition, not fat, but just right to do some man a world of good. Another of the good ones is No. 2, a daughter of King of Crimsons, and, bred to Red Knight for a March 14th litter, should make her in great demand. No. 7 is a granddaughter of Beatrice Queen, a good brood sow of the right type and bred to Brown's Chief for March farrow. Among the good gilts of this sale are Nos. 26, 27, 28 and 29. They are full sisters to Beauty Wilkes, the sire of the second-prize boar pig under six months at the Iowa State Fair last fall. They are a rich red color, growthy, broad-backed sows, and three of them are mated to Brown's Chief for early farrow and the other is bred to Red Knight. In Nos. 23 and 24 we have two gilts of the massive, heavy-boned kind, very growthy and the kind that make great brood sows. They are both bred to Brown's Chief. A representative of The Homestead, after carefully inspecting this herd, pronounced it one of the best offerings, as a whole, to be sold anywhere in the state this year. Mr. Brown has a nice catalog prepared and will be pleased to mail one to anyone who will drop him a card asking for same. Mr. Ray Page will represent this paper at the sale and anyone sending a bid to him in Mr. Brown's care will be properly treated. When writing, please mention The Homestead.



# ..30TH SEMI-ANNUAL SALE..

\*\*\*\*\*

## JACKS & JENNETS

\*\*\*\*\*

At Limestone Valley Farm, Smithton, Mo., Tuesday, March 5th, at 10 a. m.

60

40

BIG REGISTERED JACKS

40

60

20

Registered Jennets, Some With Jack Colts at Side

20

THIS is the greatest offering in point of quality that we have ever made. It is even superior to our World's Fair premium sale. Sale will be held under cover. Free conveyance from Beaman and Smithton. Farm is six miles east of Sedalia. If possible come day before sale, as we desire to have you examine this offering carefully. All entertainment at our expense. Railways Missouri Pacific, main line, and M. K. & T., main line. Send for catalog.

**L. M. MONSEES & SONS,**  
SMITHTON, MISSOURI.

HARRIMAN SPARKS, HIERONYMOUS BROS., BURGER AND HARKLESS, AUCTIONEERS.



### SPECIAL BARGAIN SALE.

10 Two-year-old Short-Horn Heifers

Bred to an imported Cruickshank bull; also some extra fine young bulls, large boned and growthy, sired by an imported Cruickshank bull.

Also a few tried Duroc Jersey brood sows and a choice lot of gilts—the blood of Billy K. 20313, St. Paul, Manly Orion 3709, Cantine Boy 16319, King Perfection, Brilliant and Model Chief 11159 (A.). Prices from \$20 to \$50.

Wanted a good, fine stockman to buy a part interest and take management of farm. A good chance for a hustler. Reasonable terms.

J. E. GUERNSEY, Keosauqua, Iowa

#### DUROC JERSEY HOGS.

L. H. ROBERTS & SON, PATON, IA.  
Choice Duroc Jerseys

FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

**50** Duroc Jersey Sows.  
3 Proud Advance Sows  
4 Orion Sows  
Will be sold in Our Sale at  
LYONS, NEB., February 27, 1907  
Jno H. Fryan & Son, Lyons, Neb.

Shamrock Herd of Duroc Jerseys

OFFER PRIZE WINNING sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois

FOR SALE—Forty Duroc Jersey bred sows and gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free livery, Buckeye, Iowa, mail. Alden, Iowa. J. W. Briggs.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

WOLF CREEK HERD of DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

CHOICE BRED GILTS Bred to extra good boars and safe in pig. Prices reasonable. Address, Frank Warway, Mt. Pleasant, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right, S. P. Briggs, Seward, Neb.

THE Grendell Herd of Durocs contains the blood of the most popular families. F. H. Herring, Kalona, Iowa. Shipping point Iowa City.

#### DUROC JERSEY HOGS.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good. R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL, - BLAIR, NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

Prize-Winning Durocs

I HAVE a few royally bred gilts that I will price right, if taken at once. They are good ones. Write me for particulars.

E. K. YOUNG & SON, Havelock, Neb.

DUROC BRED SOW SALE, FEB. 13, 1907

HERD boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimson I Am 43105, by Crimson Wonder H. A.'s, Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address, H. A. SEXSMITH, GREENFIELD, IOWA.

**Duroc**  
Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

ELM LAWN DUROCS.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants. CHAS. SOBOTKA, - Cainesville, Mo.

JANUARY 24, 1907

IS THE DATE of my bred sow sale, when I will offer 40 choice Duroc-Jersey sows for sale.

J. E. WEHR, - Portsmouth, Ia.

PILOT LAD 15153.

2d prize under year Duroc boar Illinois State Fair, 2 1905, for sale. Fall boars of herd header type, also a good lot of fall sows and spring pigs at reasonable prices.

L. H. Bryan, R. R. 1., Neponset, Ill.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

#### DUROC JERSEY HOGS.

HAVE a few good Duroc bred sows for sale, bred to Chief Knight and Imp. King. Also have a few extra good Sept. male pigs, sired by Ham's Challenger 31277. They have good length, extra broad with good bone and feet. To make room for spring pigs will be sold at very reasonable prices. F. A. Ham, Saronville, Nebraska.

DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Mullinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$76.80, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IA.

EVERYDALE HERDS.

Bred Sow Sale Februsry 22, 1907  
A Few Gilts at Private Treaty.  
—Send for catalog.—

A. M. AVERY & SONS, - Mason City, Ia.

40 DUROC-JERSEY BOARS. 40

S IRED by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - KENNARD, NEB.

PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

80 BIG BONED DUROC JERSEY RED PIGS 80  
FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA  
THESE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, - MACON, ILL.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, - Lohrville, Iowa.

BOARS ALL SOLD.

WRITE FOR CATALOG FOR

BRED SOW SALE JAN. 31, 1907.

NORRISH & DEWINGTON, - Kingsley, Iowa

DUROC Jersey gilts bred for April farrow. Large, heavy boned. Price, \$25 to \$30 each. Good ones, world's champion blood. S. S. Krebill, Donnellson, Ia.

#### DUROC JERSEY HOGS.

IOWA HERD OF DUROC JERSEYS.

(Successor to Wm. Roberts & Son.)

I AM offering eight fall boars by Lord Roberts 17329, my herd boar and Sundell's Fancy. These boars are extra good in back and foot, with desirable length. Am now booking orders for spring pigs. A nice lot by King West 26163, assistant herd boar. Write me for good ones.

A. T. Sundell, - Paton, Iowa.

**GOLDEN HERD DUROCS**

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, - Golden, Ill.

Choice Duroc Gilts.

I AM offering a choice collection of Duroc gilts for private treaty. Some are by Roby's Crimson 44081, by Crimson Wonder I Am 34697, and are bred to Roby's Duke O, 44079, by Duke of Ohio and he by Old Kan't Be Beat 28067. Also a nice lot of choice ones bred to Roby's Crimson. This will be the best chance you'll have to get some of this famous Crimson Wonder I Am breeding at prices that will make you open your eyes wide, quality considered. Write me your wants, brother breeders.

W. E. ROBY, - TRURO, IOWA.

GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Rood Bros., (Swine Specialists), Lake Park, Ia.

CYCLONE Herd Duroc Jerseys. Gilts for sale, bred to a Crimson Junior. Good size, color, length and bone, \$20 to \$30. F. M. Jenkins, Pomeroy, Iowa.

### BRED SOWS

Duroc-Jersey sows and gilts, bred to farrow in February, March and April. Send for our catalog that gives pedigrees and particulars, and contains plans for hog houses, plans for dipping plants, and calendar showing period of gestation in farm animals.

attached corner. The Roycroft Farms, Des Moines, Iowa. send me catalog of boars and sows, and booklet on breeding Hogs, plan of hog houses, plan of dipping plants, and calendar showing period of gestation in farm animals.

CUT OFF THIS CORNER



## DUROC JERSEY HOGS.

**A FEW CHOICE GILTS**

Bred to Hanley 42345 and Helen's Tip Top Notcher 47489

THE highest priced Duroc Jersey boar ever sold at auction. The sows will farrow in March, April and May. Write for prices and descriptions. Address,

**McNEIL BROS., - - - BOWEN, ILL.**  
Kindly mention Homestead when writing.**POLK COUNTY HERD DUROC JERSEY SWINE**

50 choice gilts from the following strains: Proud Orion, Manley Orion, Granddaughters of Proud Advance, Billi K. Malcolm's Model, Improver 2d, Echo King and King Perfection blood. Bred to one of these noted boars: a son of Tip Top Notcher \$5,000 hog, first and grand champion World's Fair; a son of Can't Be Beat \$2,500 individual; first in class World's Fair, a son of Old Orion. The sire of more prize winners than any Duroc and also some bred to a grandson of Ohio Chief. Write for prices.

**ROY WEST - - - - - BONDURANT IOWA.****FOR SALE.**

THE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

**FAGAN, BROWNING & McCABE, - - - Hersman, Brown Co., Illinois****KENTUCKY'S NOTED DUROC HERD**

COMMODORE 13381, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d. Brood sow sale, Louisville, Ky., February 22. Write for catalog at once.

**Amos W. Harris & Sons, - Waverly, Ky.****WE WON 79 RIBBONS**

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come.

**WATT & FOUST, - CEDARVILLE and XENIA, OHIO****CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.**

12 CHOICE gilts bred by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

**U. G. DAVIDSON, - - - MANSON, IOWA.**

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

**J. D. NIDLINGER, - - - DECATUR, INDIANA.**The "Nancy Herd" Durocs } Sow sale } Pigs by Orion, Junior Jim, Critic's Echo,  
FEBRUARY 25, 1907. } Inspection invited. 125 pigs. Write us.  
**W. A. STAPLES & SONS, - - - GLIDDEN, IOWA.****RED OAK HERD**

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 43087, a son of Kant Be Beat. They are safe and ready to ship. They are sired by Top Notcher's Model 37683. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. &amp; P. or Northwestern.

**J.W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.****Fashion Improver Jr. at Head of Herd.**

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

**BOARS! BOARS!**

BY Tip Top Notcher, Top Notcher Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions.

**H. B. GRIFFITHS, - Bowen, Ill.**CHOICE YOUNG DUROC JERSEY HOGS  
OF BOTH SEXES at reasonable prices. Address  
**W. J. S. Taylor, Homestead, Iowa.**

## HEREFORD CATTLE.

**BEAU DONALD HEREFORDS**

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago &amp; North-Western Railroad.

**John Secor, - Mechanicsville, Iowa****COLUMBUS**

55-134103

For sale Hereford sire Columbus 51875, 5 years old, weight, 2200 lbs. bred by Benton Gahbert, Dearborn, Mo. David Hood &amp; Son, R. 4, Perry, Iowa.

**Table Backed Herefords**

For Sale Cheap to Quick Buyers.

40 BULLS from 10 to 26 months old. 50 heifers, bred, average two years old. Prices low, try me.

**W. W. WHEELER, Box H, - Harlan, Iowa****HAVING SOLD MY FARM**

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

**E. H. DANCER, - Lamoni, Iowa****Breezy Park Herefords**

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

**H. C. CUNNINGHAM, - WESTON, MO.****BEAU BRUMMEL**

4TH 194318. First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Wray &amp; Son, New Sharon, Ia.

When writing to advertisers please mention this paper.

**HEREFORD BULLS**

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, sale in calf. These are sired by St. Elmo of Shadeland; McKinley and Advancer. These are very choice and as good as I have ever raised.

6 DUROC Jersey Boars, sired by Corn Cracker 14205, dam by Luther Top Notch 3907. Price \$25. Write at once.

**Z. T. KINSELL, - Mt. Ayr, Ia.****WILLOW GROVE HEREFORDS**

COLUMBUS 25th 100912, the great-crested living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Heald and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

40 Choice Hereford Bulls  
40 Choice Bred Heifers  
PANGING in age from twelve months to two years. All sired by prize-winners.**EDMONDS, SHADE & CO., - Kingsley, Iowa****HEREFORDS.**

TWENTY yearling bulls for sale, also young Percheron stallion. Will make low prices. Quality unsurpassed and all stock of the richest breeding. Send for catalog and particulars.

**A. R. Campbell, - Independence, Iowa.**

## ABERDEEN ANGUS CATTLE.

**Holbrook Aberdeen Angus Breeders.**

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42083 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

**PLEASANT GROVE STOCK FARM**

THE HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlone 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21890 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson &amp; Allen, Greene, Iowa. Ou C. R. I. &amp; P. Ity

**WHEATLEY AND WARD'S**

—ANGUS CATTLE—

**Bulls For Sale**

NOT by Maplehurst Proteros 47351, Hale Lad 2d 42497 and Gardner's Pearl Rosegay 52837 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

**WHEATLEY & WARD, - King City, Missouri****ABERDEEN ANGUS & POLANDS FOR SALE.**

I HAVE some good Aberdeen Angus males and females for sale of the following: Jamiller, Prides, Ericas, Princesses, Blackbirds and Coquettes. Many of my cows and heifers are in calf to King Ito by Prince Ito. Also, some extra good Poland, all tracing directly to Chief Perfection 2d.

**C. H. SEIBEL, - PATON, IOWA.****Pleasant Hill Angus**

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

**J. NISSEN, - Meservey, Cerro Gordo Co. Iowa****7 ANGUS BULLS 7**

FOR SALE—One Queen Mother, 1 K. Pride, 2 Duchess, 1 Heather bloom, 1 Carnation and 1 Fanny. These are bred right and are good individuals. Will make special price on the bunch. Address, FRANK P. PAUP, - Kirkman, Iowa

## CHESTER WHITE HOGS.

**SOLD OUT BUT STILL IN THE BUSINESS**

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar. and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

**CHOICE CHESTER WHITE SOWS & GILTS**

THE kind that sell, the kind that win. Bred to the most noted heirs living, such as Captain 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection solicited. 1 mile west of Kirkman, Ia. H. &amp; A. phone 626G. I handle the best; ship no inferior stock. Address or call on J. L. BARBER, - R. R. 3, HARLAN, IOWA.

**MAPLE GROVE CHESTER WHITES.**

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

**50 Head—BRED SOW SALE FEB. 2, 1907.—50 Head of Improved Chester White Swine.**

At Geneseo, Illinois, February 2, 1907.

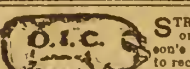
These sows are bred to state fair winners. Send for catalogs. Address  
**R. F. D. No. 6, D. H. LEWIS, - GENESEO, ILLINOIS****Lawshe's Chester White Sows and Gilts**

100 HEAD of very choice matured and full yearling brood sows and some extra choice gilts, bred to my noted prize winning boars Monarch Jr. 13301, Captain 14119, Jerry S. 13167, Advance 2d 15431 and Look Out 2d 13911, some of the best boars living. Send your order at once and get the pick of this year's raising. Address, Geo. H. Lawshe, R. R. 3, Harlan, Ia.

**EVERYTHING SOLD FOR THE PRESENT.**

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

**W. F. HEMMERLING, - DIKE, GRUNDY CO., IOWA**

STRONG LOT OF CHESTER WHITES &amp; O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the lot of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the lot of Col. Cody, Crescent King, Kelsar FISHER LIVE STOCK CO., P. O. BOX 8, HASTINGS, NEB.

**HUMBERT & WHITE'S****"Combination" Chester Whites**THE premier herd at the Iowa and Illinois state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner COMBINATION. Write us for a Combination pig and get the quality that wins. Address,  
**F. D. HUMBERT, - Neshan, Iowa. F. P. WHITE, - New Hampton, Iowa****Pleasant Grove Herd Chester Whites**BOARS all sold. Have to offer 25 bred gilts which are bred to my famous boar, White Leader 16513. Greatly reduced prices until February 10th. Write me your wants. Address,  
**J. M. JANSSEN, R. R. 3, P. O. Box 627, Sibley, Iowa**

BRED Chester White gilts all sold. I have two herd boars for sale cheap. A full yearling, Crescent Rex 16529, sired by Norway Chief 12263, sweepstakes boar at the Nebraska State Fair, and Gen. Gage 16527, sired by Monte Christo 15533, the second prize boar at Sioux City Fair last fall. This is an April big. S. J. Philson, Harlan, Iowa.

OHIO Improved Chester Whites, Sept., March, April and May boars and gilts, large kind, stock mated. Farmers' prices. Fred Ruebush, Sciota, Ill.

**Chester White Spring Pigs All Sold.**

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop.

**MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.****Chester White Hogs**30 smooth, well quartered, strong boned young sows, bred to high class matured herd boars for late March and April farrow for sale. Write  
**W. W. VAUGHN, - MARION, IOWA.****White Oak Herd of Recorded Chester Whites**

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, phone or come and see them.

**J. W. TROY & BROS., - Rose Hill, Mahaska Co., Iowa**

200 LARGE O. I. C. Pigs. Two hundred of early and late spring, August and September farrow, from matured sires and dams not akin, at farmers' prices. Herd Headers, Duke 4965, Frosty 13970, Snowdrift 12163 and others. Satisfaction guaranteed. F. E. Hankins, Sciota, Illinois.

A FEW GOOD O. I. C. gilts, safe in pig, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.



JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

POLLED DURHAM CATTLE.

Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red, These bulls are bred right, fed right and prices are right. Address, JAMES WILSON & SON, AVOCA, IOWA

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 1dte Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER & DEUKER, Kalona and Wellman, Iowa.

LIVE STOCK AUCTIONEERS.

Col. Judd McGowan Clinton, Illinois.

Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

FRED REPPERT, DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



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LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

O. L. MOSSMAN, Auctioneer.

Fine Stock and Farm Sales. All Work Absolutely Guaranteed. Phone or write for dates. Phone 4 f. 15. Reference: Polk City Savings Bank, POLK CITY, IOWA.

C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs Write for dates, mentioning The Homestead.

J. P. SPEARMAN, PAPILLION, NEB. LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

HARRY W. GRAHAM, Live Stock Auctioneer and Pres. American Auction School

Third Term Opens July 8, 1907. All Branches Auctioneering. CHILLICOTHE, MISSOURI

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PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

R. W. BARCLAY Livestock Auctioneer, Mason City, Iowa.

A. V. LOCK, REMINGTON, INDIANA Live Stock Artist.

Work satisfactory. Prices reasonable.

SHORT-HORN CATTLE.

8 Scotch Bulls 8

If you want a good one at a reasonable price, write at once to

MRS. A. ALEXANDER, Morning Sun, Iowa This advertisement will not appear again.

BEAVER CREEK SHORT-HORNS, SCOTCH BULLS for sale.

I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address, N. A. LIND, Rolfe, Iowa

FOR SALE: A good, growthy Short-horn bull ready for service, at a low price. V. A. Lathrop, Marion, Iowa.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordon & Dunn, Central City, Ia. Maine Valley Stock Farm.

SHORT-HORN CATTLE.

SCOTCH BULLS

Got by IMP. MUTINEER 172547.

MUTINEER is of Marr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 187th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants. A. C. BERRY, Unionville, Mo.

HUGHESDALE REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, Trenton, Mo.

ARDMORE SHORT-HORNS. 10 Scotch and Scotch-Topped Bulls For Sale 10

Sired by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address, ARDMORE STOCK CO., Holstein, Iowa

MALAKA SHORT-HORNS. Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me. H. D. PARSONS, Newton and Baxter, Iowa

WILDWOOD SHORT-HORNS ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write, W. W. VAUGHN, Marion, Iowa

WAYSIDE SHORT-HORNS G. H. BURGE, Pron., MT. VERNON, IA.

6 Bulls for Sale 6 INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

PLAIN VIEW STOCK FARM. SHORT-HORN CATTLE AND DUROC JERSEY HOGS.

Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

JONES CO. HERO OF Herd (Sittyon Sort 173649) SHORT-HORN CATTLE Bulls (Wampun of Wayside 243046)

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

Pine Grove Short-horn Cattle. SCOTCH Herd bulls, good young breeding cows, heifers and calves. Everything goes at a bargain. Choice bred P. C. gilts for Mar. and Apr. farrow. R. C. B. Leghorns \$1. Interstate 'phone. Fred Ebendorff, Strawberry Point, Iowa.

FOR SALE—Eight young bulls, Scotch and Scotch-topped from 8 to 18 mos. old and from such families as Imp. Generosity, Rosemary, Crocus, Strawberry and Charlottes, got by the Cruickshank Victoria bull, Craven Archer 174021; also a few cows and heifers. Come and see cattle or write. A. A. Rogers, Inwood, Lyon Co., Iowa. Yards 9 blks. from depot.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class C and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

4 SCOTCH BULLS Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them. C. W. DAWS & SON, Harlan, Iowa

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

Imp. Fashion Favorite 149580 FOR SALE.

Also a few very choice young Scotch Bulls. Address J. D. McDERMOTT, Wiota, Ia.

SHORT-HORN CATTLE.

NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Golfman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead. NEW SHARON, IOWA.

NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS, Kirksville, Missouri.

W. A. FORSYTHE GREENWOOD, MO.

Breeder of Choice Short-Horns.

I HAVE a few strictly first-class Scotch bulls ready for service; also a few Scotch-Topped fellows. I will also price right some very choice cows and heifers, bred to Bapton Valentine, a son of Imp. Bapton Arrow and out of a daughter of the great St. Valentine. A fine opportunity for a foundation herd that is individually right and bred right Write me about them.

Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Roan Archer heads herd. Write for private catalog.

W. H. SCHAFER, KEENSBURG, ILL.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa, Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

EVERGREEN STOCK FARM SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN, Vinton, Benton Co., Iowa

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, Newton, Iowa

FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 259037, a straight Cruickshank, Brawith Bud, two year old bull for exchange, he by Lavender Royal 135256. M. D. YARD, CRAWFORDSVILLE, IA.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Jas. E. Stephenson, Alburnett, Iowa Otter Creek Stock Farm.

COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Charmer. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp. A. J. GR ES & SON, Ames, Iowa

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

JACKS.

FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



10 Red Short-Horn Bulls For Sale



12 TO 17 MONTHS OLD. Sired by Victoria's President 208996. McKEEVER BROS., Farley, Iowa.

SCOTCH BULL FOR SALE

I have a very choice and richly bred Scotch Bull for sale.

ALSO Scotch and Scotch-topped Short-horn females and young bulls for sale at all times. Address,

E. R. SILLIMAN, COLO IOWA

OWENS BROTHERS

HOMESTEAD, IOWA.

BREEDERS of Scotch Short-horns. Herd header—Ing bulls a specialty. Baron Kear 2d. heads the herd of 230 head. We have Brawith Bud, Queen of Beauty, Orange Blossom, Lavender, Duchess of Gloster, Dorothy, Butterfly, Mysie and other Cruickshank families.

9 Short-horn BULLS FOR SALE

AT Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, BELMOND, IA.

Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duchess of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR & SON, Davenport, Iowa.

CATALOG Of Young Bulls For Sale

Will be ready about January 20, 1907. ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY, Room 316 Flynn Building, Des Moines, Iowa

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS, ALBION, IOWA, or LISCOMB, IOWA.

COTTON SEED MEAL

Best and Cheapest Feed. Gift-edged Guarantee of Quality.


To deliver it for less than the "other fellow" is our business. All inquiries answered.

LAMPKIN & COMPANY, 54 De Meill Bldg., St. Louis, Mo.



JACKS.

**KENTUCKY BRED**  
75 Kentucky Bred and Imported Jacks For Sale.  
We have more good Jacks than any two farms in the United States. Come and see, or write for catalog. Mention this paper.  
**J. F. COOK & CO.,**  
Lexington, Kentucky.  
Or Branch Barn, Newton, Kansas.



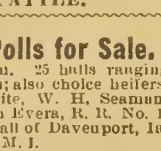
**JACK AND MULE SALE**  
THIRD annual at Savannah, Mo., March 7, 1907. 25 Jacks as good as are bred, two stallions and 22 good 3-year-old mules. Catalog containing description and photos of Jacks now ready.  
**G. M. SCOTT,**  
R. F. D. No. 2, Rea, Mo.




**BIG JACK AND HORSE SALE.**  
75 BIG registered Jacks, Jennets and registered trotting, saddle and harness horses. Closing out of the Johnson Co. Jack Farm, February 22, 1907, rain or shine, as have big test.  
Write for catalog.  
**G. A. Fowell, Leeton, Johnson Co., Missouri.**



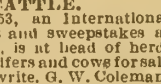
**RED POLLED CATTLE.**  
**Thoroughbred Red Polls for Sale.**  
OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Cull or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Daveport, Ia. Telephone W. H. Seaman, 1935 M. 1.




**THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.**  
P. A. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.




**RED POLLED CATTLE.**  
80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904. Is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.



**HEDGE LANE HERD OF RED POLLED CATTLE.**  
I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.  
**OTHO BOYD,**  
Virginia, Neb.



Joseph Kestel, John Schrotberger.  
**Red Polled Cattle**  
EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.



**SHADY LANE**  
HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address,  
**G. W. SHARP, MARBLE ROCK, IOWA.**  
C. M. & St. P. and C. R. I. & P. Rys.



**BERKSHIRE HOGS.**  
**BERKSHIRE**  
**—BOARS—**  
FOR IMMEDIATE SERVICE.  
I can please you in quality and price. Address,  
**GEO. S. PRINE,**  
Oskaloosa - Iowa  
Heavy Weight Berkshires  
ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide sprig of rib and very short, broad flished face. I will do it at farmers' prices.  
**W. D. McTAVISH, COGGON, IOWA.**




**BERKSHIRE SOWS AND GILTS**  
I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,  
**E. H. DANGER,**  
Lamani, Iowa  
**BERKSHIRES**  
THE Old Reliable Herd. 10 bred sows, 5 tried breeders. These gilts are toppy and first class. We only have a few to offer and they will soon go at our prices. Write for what you want and prices.  
**F. H. Houghton, Marshalltown, Iowa.**



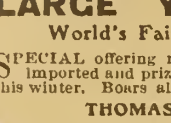
**BERKSHIRE BOARS.**  
A FEW choicely bred Berkshire boars for sale at \$15 each. These are good individuals, ready for service, weighing about 150 to 165 lbs.  
**SYLVANUS HAWORTH,**  
New Sharon, Iowa



**LARGE YORKSHIRE HOGS.**  
Large, Improved English Yorkshire Swine.  
F. Rabaler, Prop., Leigh, Neb.  
I HAVE the best imported and home-bred Yorkshires in America. Have made live importations. One Lodge imported, Sch 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.



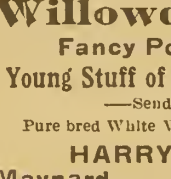
**LARGE YORKSHIRES.**  
World's Fair Champion Herd.  
SPECIAL offering now of 168 gilts safe in pig to 8 imported and prize-winning boars, for shipment this winter. All sold.  
**THOMAS H. CANFIELD,**  
Box 2, Lake Park, Minn



**POLAND CHINA HOGS.**  
**50 Poland China BRED SOWS.**  
Tried Sows, Fall and Spring Gilts  
SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,  
**J. L. SLICK, Route 3, Lanark, Ill.**  
On C. M. & St. P. R. R., 120 miles west of Chicago. 20 miles east of the river.



**Willowdale Herd.**  
Fancy Poland Chinas.  
Young Stuff of Both Sexes For Sale.  
—Send for catalog.—  
Pure bred White Wyandotte cockerels, \$1.00.  
**HARRY R. SMITH,**  
Maynard, Iowa



**25 Large, Growthy Gilts FOR SALE.**  
Sired by Winning Perfection and Keep On Third 8 and they are bred some to Large Duds which weighed 385 lbs. at nine months. All Duds 2d and some to Winning Perfection. They weigh from 250 to 300 lbs. and the price is \$30.  
**JOHN SCHMIEDER,**  
Remsen, Iowa



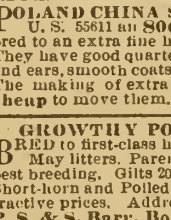
**WILCOX HAS BRED SOWS FOR SALE.**  
MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.



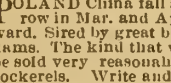
**10 GOOD FALL BOARS**  
I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,  
**GEO. E. PATCH,**  
Blandinsville, Illinois.  
**POLAND CHINA SOWS**—Sired by Waggoner's Giant 102973, a 900-lb. hog, with 10 1/2-inch bone and bred to Corrector 3d 119423, he got by the World's Fair winner Corrector 2d 87699. These are good, roomy sows, good length of bone and well quartered, with good coats. They will be priced right. J. F. Waggoner, Rural Route 2, Olin, Iowa.



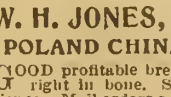
**POLAND CHINA SOWS.** Sired by H. S. T. C.'s U. S. 5511 an 800 lb. hog in show shape and bred to an extra fine boar for April and May farrow. They have good quarters, length and bone, a fine head and ears, smooth coats of good color; right up on toes. The making of extra choice brood sows. Priced cheap to move them. J. B. McAllister, Palo, Iowa  
**GROWTHY POLAND CHINA GILTS**  
BRED to first-class herd boars for March, April and May litters. Parents big boned, mature stock of best breeding. Gilts 200 to 240 pounds, \$20 and up. Short-horn and Polled Durham cattle, all sizes at attractive prices. Address,  
**P. S. & S. Barr,** Box 11, R 4, Davenport, Ia.



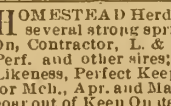
**POLAND CHINA fall and spring gilts, bred to farrow in Mar and Apr. to L. S. Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.**



**W. H. JONES, CLEMONS, IOWA**  
**POLAND CHINA SOWS AND GILTS**  
GOOD profitable breeders, growthy, lengthy and right in bone. Sixteen years' breeding experience. Mail orders a specialty.



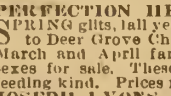
**HOMESTEAD Herd Poland Chinas.** Have on hand several strong spring gilts by Keep On 2d, Come On, Contractor, L. & W.'s, Perf. 2d and Mommer's Perf. and other sires; gilts from Perf. E. L., Perf. Likeness, Perfect Keep On and other dams. All bred for Feb., Apr. and May farrow to my Chief Perf. 2d boar out of Keep On dam. J. H. Barker, Mazon, Ill.



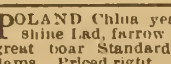
**POLAND CHINA BRED SOWS**  
BRED to Perfect Quality, Mo.'s Top Chief and Growthy Expansion by the Great Expansion.  
**SANDQUIST BROS.,**  
Oakland, Neb.



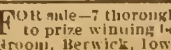
**PERFECTION HERD POLAND CHINAS.**  
SPRING gilts, fall yearlings and mature sows bred to Deer Grove Chief and Matchless Keep On for March and April farrow. Also fall pigs of both sexes for sale. These are of the big boned, easy feeding kind. Prices reasonable.  
**JOSEPH LYONS,**  
Hermann, Neb.



**POLAND China yearlings and gilts bred to Sunshine Lad, farrow in May and April, sired by my great boar Standard Chief 2d, out of matured dams. Priced right. Jas. Cockerton, Whiting, Ia.**




**FOOT sale—7 thoroughbred Poland China sows bred to prize winning boar. Call or write me. Glenn Groom, Berwick, Iowa.**



**POLAND CHINA HOGS.**  
**50 BIG POLAND CHINA SOWS AT PRIVATE SALE**  
Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.



SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,  
**E. F. ESCHER,**  
Manning, Iowa



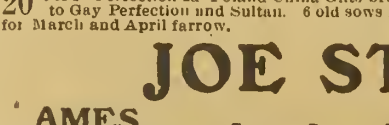
**GAY MONARCH, The 1,000 lb. Boar.**




**GAY PERFECTION 2D. SOWS BRED FOR SALE.**  
20 GAY Perfection 2d Poland China Gilts bred to Sultan (a son of Thickset.) 3 gilts by Radium, bred to Gay Perfection and Sultan. 6 old sows by Hulda's Perfection, bred to Gay Perfection and Sultan, for March and April farrow.  
**JOE STEWARD,**  
AMES, IOWA.



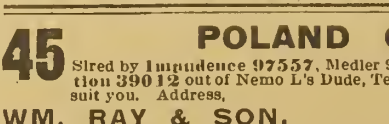
**WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.**  
100 FALL and summer pigs, three to seven months old, 54 boars and 48 gilts. Sired by my two great herd boars, Black Chief and G. S. Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, **C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.**



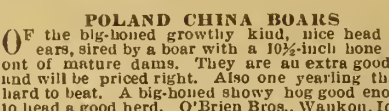
**45 POLAND CHINA BOARS 45**  
Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,  
**WM. RAY & SON,**  
DEFIANCE, IOWA.



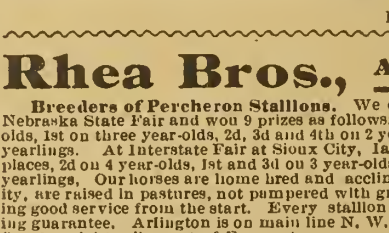
**POLAND CHINA BOARS**  
OF the big-boned growthy kind, big head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukau, Iowa.  
**25 BRED SOWS.**  
DUE to farrow in March and April. Sired by Michael Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.  
**M. G. Arnold,**  
Strawberry Point, Iowa



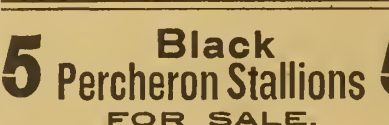
**HORSES.**  
**Rhea Bros., Arlington, Neb.**  
Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.




**5 Black 5**  
**Percheron Stallions FOR SALE.**  
ALSO have a carking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,  
**J. S. GOLDER,**  
Scribner, Neb.  
**CLEANING UP SALE**  
of the  
**J. H. Barnett Estate.**  
**10 PERCHERON and FRENCH DRAFT STALLIONS**  
At a Sacrifice.  
Write **L. C. BARNETT,**  
Indianola, Iowa  
**H. LEFEBURE'S BELGIANS.**  
Best and largest collection of Belgians in America, imported and home bred; 8 mi. west of Cedar Rapids on 2 railroads. The greatest Belgian horse market in America. Cedar Rapids and Iowa City elec. car passes 3 mi. E. of farm every hour. Come and see or send for catalog. H. Lefebure, Fairfax, Ia.



**Percheron Stallions and Mares For Sale**  
I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.  
**NICHOLAS STAMM,**  
Letts, Iowa  
**FOR SALE OR EXCHANGE.**  
A GED Belgian Stallion. Will sell at a bargain or exchange for another Belgian and pay difference. Ant. Vanderwan, Pella, Iowa.  
IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.



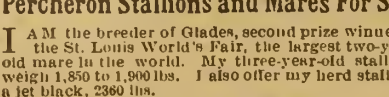
**McLay Bros. Clydesdales**  
Janesville, Wis.  
THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.  
Twenty-eight prizes at 1906 International, Three Champlions. Considerably Mor Than Double Any Competitor. We just as surely outclass all competition For a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to Send For New Catalog.



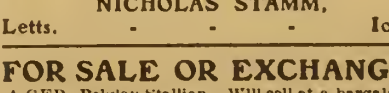
**FOR SALE. Percheron, Clyde Stallions and Mares**  
At prices all can buy.  
Also Short-Horn Cattle, Both Sexes.  
Ask for Private Sale Catalog and see bargains offered to buyers.  
Stallions sold to companies, if desired.  
Address, **A. H. BRETT,**  
Mason City, Iowa  
**SHIRES, PERCHERONS, BELGIANS**—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.  
A PERCHERON stallion for sale. Imported, color black, coming 11 years in spring. A sure breeder, weight about a ton. Write L. Maasdam, Pella, Iowa.  
PERCHERONS, SHIRES, STALLIONS AND mares. Prices from \$200 to \$600 each. Address, E. Eugier, Creston, Iowa.



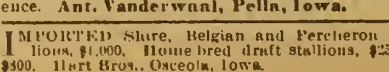
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Letts, Iowa  
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A GED Belgian Stallion. Will sell at a bargain or exchange for another Belgian and pay difference. Ant. Vanderwan, Pella, Iowa.  
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IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.





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TRUMANS' Imported more than anyone.  
TRUMANS' Know how to find them.  
TRUMANS' Know how to buy them.  
TRUMANS' Hence our success.  
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TRUMANS' Treat you right.  
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TRUMANS' Came to stay.  
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TRUMANS' Customers treated Honorably.  
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Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.  
S. J. MILLER, KIRKSVILLE, MO.

## PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

A FEW CHOICE SUFFOLK FILLIES FOR SALE.

FOR SALE: Imp. Shire Stallion Toft Right Stamp \$704, ten years old, 2,250 lbs., in show shape. A prize winner in England, 1st at Illinois State Fair, and 21 at the International, 1900. "Peaches and Cream." Come or write. Address, T. A. Stevenson, Shannon City, Iowa.

CLYDESDALE STALLION FOR SALE I have a choice pure bred three year old stallion, bred by the great MacGregor horse Imp. Mc. Lure, and out of the Cedric horse, Prince Darnley, for sale at reasonable price. Come and see him. Laban Harrison, Prescott, Iowa.

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"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 150 Percherons, Belgians and Coachers 150

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50 Head Percherons, Belgians, Shires and Hackneys. 50 Head

This sale will consist of some of the choicest stallions of our stud, both imported and American bred. As we won every prize in the stallion class at the great State Fair of Kansas, it gives the public the grandest opportunity to purchase a prize winner at their own prices.

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Champion Shire stallion at the American Royal, Kansas City.	First—Best five Shire stallions, International, Chicago.
Champion American-bred Percheron stallion at the American Royal.	Second—Best five Belgian stallions, International, Chicago.
Champion Shire stallion at International, Chicago.	Second—Best five Belgian stallions, Illinois State Fair.
Reserve champion Belgian stallion, International, Chicago.	Second—Best five Belgian stallions, American Royal, Kansas City.
First—Best five Shire stallions, American Royal, Kansas City.	Second—Best five Percheron stallions, American Royal, Kansas City.

His Majesty King Edward VII. of England and Lord Rothschild's exhibit of stallions were purchased by us at the Great International Exposition at Chicago, 1906. These Grand Stallions, Girton Charmer and Premvictor, will be on exhibition at this sale. Do not fail to see the Highest Priced Draft Stallions ever imported to this country.

As we are now located at Wichita, we intend holding an annual sale in this city, this being our first. Our AIM is to surprise the PUBLIC with such Stallions as were never before placed at auction. All Stallions will be sold with our regular guarantee of 60 per cent and will be sold so that all payments will not become due until you have made two seasons and one collection from your HORSE.

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TERMS—Will be one year and six months from date with interest at 6 per cent from date, or six per cent discount for cash. All credit must be bankable. Send for catalog and calendar.

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We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

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### THE OUTPUT OF GOLD AND THE LEVEL OF PRICES.

The farmer who keeps himself informed with regard to the larger relations of the nations to one another respecting industrial and financial questions is sometimes at a loss to interpret the many new signs of the times which now protrude themselves upon his attention. He sees larger and larger markets opening for his products, and witnesses the development of old and new sources of production with growing wonder at the ability of the world to absorb and digest the increased output of farm, mine and forest. He has been taught by all the economists that prices ebb and flow, and that reaction is always equal to the effect of the original stimulus to speculation or industrial activity of a more normal kind; but now he sees broader and broader fields of activity opening throughout the world, and without the expected cessation. Every year is pronounced a better one than its predecessor, and the wise ones say, again and again, "At last, we have reached the climax;" but the next year sees new records of production in agriculture and manufactures, larger totals in the volume of commerce, and still a complete ability of the world to absorb the enormous results of human labor in its manifold channels of employment. Why is this? What new conditions have entered into the problem?

It is not a local question. The prosperity which the United States is enjoying is not peculiar to this country. The entire civilized world, with perhaps the single exception of Russia, is moving forward at a tremendous pace. Factories are everywhere busy; railroad building is maintained at a high rate; the demand for iron and steel—products fundamental to all the heavy industries—is beyond the ability of the manufacturers to supply; and such exceptions to the general rule as we find in revolutionary Russia manifestly explain themselves. This world-wide effect must have a world-wide cause. The problem is by no means simple. Too many elements enter into it to admit of an off-hand solution. The most learned and best informed experts and specialists acknowledge that there are some features of the situation which cannot yet be explained; but there is a strong

drift of opinion toward the conclusion that the present unprecedented forward movement of the world's industries is due to a permanent change of the level of prices, caused by the recent vast increase in the production of gold.

That results of importance to agriculture and all other industries must inevitably result from the flooding of the money markets of the world with gold will impress any one who is at all familiar with modern conditions and who will examine the statistics of the world's gold production for the past century. The average gold production from 1800 to 1850 was only \$16,000,000; from 1851 to 1890, it was \$120,000,000; from 1891 to 1900, \$210,000,000; from 1901 to 1905, \$320,000,000; and for the year 1905, partly estimated, \$379,000,000. Since 1890, the production of the United States and the world have fluctuated, but the tendency has been toward a rapid increase. The following table is from official sources:

GOLD PRODUCTION.		
Calendar Year.	United States.	The World.
1890	\$32,845,000	\$118,848,700
1891	33,175,000	130,650,000
1892	33,000,000	146,651,500
1893	35,955,000	157,494,800
1894	39,500,000	181,567,800
1895	46,610,000	200,406,000
1896	52,022,000	202,251,600
1897	57,363,000	236,073,700
1898	64,463,000	286,879,700
1899	71,053,000	307,168,800
1900	79,171,000	255,634,500
1901	78,667,000	262,492,900
1902	80,000,000	296,737,600
1903	73,592,000	325,961,500
1904	80,465,000	346,892,200
1905a	86,338,000	379,000,000

aEstimated.

Much of this vast increase is, of

course, absorbed in the arts, but a vast portion of it goes to the mints of the nations and finds its way into monetary channels. The increase, as is generally known, is due, in a measure, to improved methods of reducing ores, resulting in making gold mining on a large scale practically a manufacturing business. But whatever its source, it cannot but have great influence upon the general level of prices of agricultural and other products; upon rates of interest, and upon the general course of business.

It seems inevitable that, if this increased output of gold is maintained and further increased, as appears entirely likely, prices are destined to go still higher and agriculture to attain to still more attractive possibilities; but, as before stated, there are so many elements of uncertainty in the problem that caution is advisable in adopting and acting upon final conclusions.

### PREPARING THE SEED BED FOR OATS

Elsewhere in this issue will be found a communication, entitled "Facts About Oat Growing," by Mr. J. O. Winship, of Putnam county, Ill. The principles there enunciated by Mr. Winship are undoubtedly correct. As a general rule, the seed bed for small grains is not properly prepared, and it is not at all difficult to find instances where one square foot produces one hundred plants and the next square foot not a single plant, as pointed out by Mr. Winship.

Many of our readers will take exception to his advice about plowing the soil in the fall; that is, cutting the corn and plowing the corn stalk ground.

Under certain circumstances this plan answers the purpose satisfactorily, but we believe that throughout the greater portion of the corn belt it is advisable to keep the seed bed a little firmer than will be the case when it is plowed in the fall. The danger is when the seed bed is loose that the crop will lodge, and this, of course, greatly interferes with the yield and also impairs the quality of the grain.

However, we doubt if anyone is in a position to say that this plan or that plan or any other plan is always the best under all circumstances, even in the corn belt.

The method of preparing the seed bed, which we have found satisfactory and which has led to a yield of over sixty bushels per acre for many years, is as follows: Break the stalks some time in February or March. Just as soon as the work can be done, rake them up and burn them. When the soil will work in the spring without puddling, double disk by lapping half the disk each time. Then harrow once or twice and sow the seed. So much the better if a drill is at hand, but if it is not available, sow broadcast. Then double disk lightly in the opposite direction and harrow once or twice. Bear in mind that the diskings must be light, otherwise there is danger of working up the soil to too great a depth. We have found that ordinarily this is work that can be done with two horses, because the disk will not be more than half set. It will even then thoroughly break all the surface and a fine seed bed will result.

Of course we realize that it takes labor, and yet it is labor that one is generally well paid for in the increased yield. This is especially true if the crop is to be put in broadcast, because the covering will be much more uniform and the crop will grow more uniformly than if the seed is scattered on the ground and the soil disked once and harrowed once and the work allowed to stop there. It is doubtful if the oat crop is profitable in many parts of the corn belt even at a yield of sixty bushels per acre, but an examination of statistics will show that the average yield is less than forty bushels; indeed, in some cases it is less than thirty-five bushels per acre. When this low point is reached there is certainly a loss in growing the oat crop, though it is almost impossible to drop



Imported Percheron stallion, Ventrose, foaled 1903. Sire and dam both Brilliant bred. Imported, owned and for sale by Messrs. Taylor & Jones, Williamsville, Ill. Cash price on this stallion, \$1,200.



it out of the rotation because so many depend upon it for seeding down clover and timothy.

### THE GOVERNMENT'S REPORTS ON HOGS.

According to statistics recently published by the national department of agriculture the hog population of the United States has increased to the extent of eight million head during the last four years. The number of hogs as enumerated by the government are as follows:

January 1, 1907.....	54,794,000
January 1, 1906.....	52,102,847
January 1, 1905.....	47,302,511
January 1, 1904.....	47,009,367
January 1, 1903.....	46,922,624
Gain in four years.....	8,000,000

These figures have a strange look to the swine raisers of the great central West. Go where you will and make inquiry concerning the hog situation as you desire and you will find everywhere that the supply of hogs is reported short instead of long.

Of course the data from which the estimate on Jan. 1, 1907, was taken was being accumulated during the entire year of 1906, and so many factors enter into the equation that it is doubtful if the department of agriculture with its experts is able to get within a few million of the actual number of living hogs on a given date.

Prices have not indicated during the last few months that there was any increase of hogs in the country, and these prices are based not only on the number coming to market, but the number that are still in the feed lots. Disease carried away a considerable percentage of hogs during the last year, and it is a matter of history in trade circles that a great many sows that should have been kept over for breeding purposes in 1906 were sent to market the previous fall. Hogs multiply rapidly, it is true, but prices for some time have been such as to tempt men to send in their heavy breeding stuff. When this is the case it is a much more difficult matter to catch up with the supply than it is for the department of agriculture to figure out the number.

The first day that the statistics of the department were published the hog market was noticeably affected. What the final result will be is hard to say, though the natural effect is to bear prices.

### A SPECIAL OAT INSTRUCTION TRAIN.

The following communication has been received from Mr. Geo. A. Wells, secretary of the Iowa Grain Dealers' Association:

You are no doubt well aware of the important part taken in the agitation for the improvement of corn in this state by the Iowa Grain Dealers' Association, and the work that we have done in connection with the Iowa State Agricultural College, by the general organization of seed corn special train programs, etc., that enabled Professor Holden and his assistants to give lectures to upwards of 150,000 farmers within a period of a few months, that would otherwise have taken several years to accomplish.

In December, the officers of the Iowa Grain Dealers' Association invited the representatives of the Ames College to meet with them at Des Moines and discuss the question of improvement of the oats crop in this state, and as a result of that meeting, the work has been started along the same lines as was done with the corn.

Three days were given at the short course to a class in the study of oats. The upper part of the stock pavilion was fitted up especially for this work, pertinent statistics being prepared on charts and a large supply of each Chicago grade kept on hand for the use of the students in their work.

At the conference at Des Moines it was decided that there were three slogans that might be used to advantage in this work for the improvement of oats:

(1) Selecting and cleaning of the seed.

(2) Formalin treatment to prevent smut.

(3) Preparation of the seed bed.

As an association we have started out to arouse an interest in this question by every means possible, and I enclose herewith copy of a circular letter that was addressed to the secretary of each county institute in this state, and we have found that the suggestions therein resulted in considerable interest being taken at farmers' institutes and letters that we received from the secretaries indicate that the work will be taken up more vigorously next year.

The C. M. & St. P. railway have consented to operate a seed oats special train on a portion of their line during the month of March. This will be a starter only of the seed oats special train program that will undoubtedly follow during the following year, and we believe that this will give an impetus to the work and have the same practical results that were accomplished by the seed corn special. The enclosed blanks and letters are sent to the station agent and grain buyers at each station where the seed oats special train is proposed to stop. These are self-explanatory and give an outline of our method of conducting this work.

The Homestead heartily endorses a movement of this character. The oat crop may not be now and may never be

a profitable crop in the state of Iowa, and yet it is doubtful if the present large acreage will materially decrease. In the first place, timothy and clover can be most satisfactorily seeded with the oat crop, while secondly, there is need for a supply of straw on the average farm and the demand for this is well satisfied by the oat crop.

The three plans suggested for increasing the yield of the oat crop are exceedingly practicable. Treatment of seed for smut requires practically no cash outlay and involves only a small amount of labor. The grading of grain means the use of a fanning mill, but it has been demonstrated over and over again by successful men and by the stations that there is profit in the grading of grain. As to the preparation of a seed bed much may be learned on this point by the average man who sows his crop on corn stalk ground.

We hope that this campaign in behalf of improving oats will be as far-reaching before the matter is ended as was the educational campaign in behalf of corn improvement. The opportunities are just as great in one field as in another.

### THE FEEDING OF ALFALFA MEAL.

A Missouri subscriber, W. E. Marrs, desires to get some information on the feeding of alfalfa meal. He wants to know how to feed it, the quantity to use and what other feeds it should be mixed with.

We submit Mr. Marrs' inquiry to those of our readers who have had experience in feeding alfalfa meal. This food is now being used extensively in many parts of the corn belt to take the place of other protein foods during the winter, and it will no doubt be used more extensively in the future than in the past.

The plan of feeding alfalfa meal to hogs suggested at a recent convention by Mr. A. J. Lovejoy, of Roscoe, Ill., was to mix together ground alfalfa, ground barley or oats and ground corn; steam the mixture until it was thoroughly softened and then feed while warm. Mr. Lovejoy claimed that this gave excellent results when such a mixture was fed to growing stock or to brood sows.

### THE COOKING OF FEED.

The following communication has been received from one of our subscribers, Mr. Arthur Colley of Clinton county, Mo.:

I would like a little advice, through the columns of your paper, on the subject of cooking feed for hogs during the winter, and especially on the value of cooking corn. I use a feed cooker and cook my corn whole. Some people tell me that in doing this a great deal of the feeding value is lost. What is your opinion on this subject? Would you advise cooking whole oats and feeding them warm or grinding them and just warm the ground grain in the form of a slop? Do you regard oats as a good grain for pigs? It has always been my opinion that oats contribute to the making of bone and muscle.

We have never advocated the practice of cooking all grain that is fed to any class of farm animals. Indeed, experiments show that there is nothing to be gained, but, on the other hand, sometimes loss results from the cooking of grain.

This does not mean that there is no place for cooked grain. There is scarcely a successful swine breeder in the corn belt but who makes a practice of using a certain amount of cooked feed.

In the case of a bunch of fattening hogs one can make larger gains during the winter if he will give them one meal a day of well-cooked slop. This may be composed of whole corn, whole oats, with the possible addition of a little oil meal. Not that these foods are rendered more digestible by the cooking process, but rather that they become exceedingly palatable and for that reason they add zest to a fattening animal's appetite, and it has always appeared to us that the dry foods consumed morning and night were put to better use when a meal of this kind was given at noon.

The above relates especially to a bunch of fattening hogs in winter, and it is also applicable in the case of brood sows. A meal of cooked feed once a day during the winter seems to get brood sows into the very pink of health, and where this practice has been kept up we have never seen a sow have trouble at farrowing time. It has the effect of keeping the bowels laxative and this is not by any means an unimportant matter in handling any kind of hogs in winter.

As to the feeding value of oats, it

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**RUBBERHIDE CO., 712 Essex Bldg., Boston, Mass.**

must be frankly acknowledged that there is an important place for this grain in the hog ration, either fed cooked or dry. Many successful swine men make a practice of allowing their brood sows to have access to whole oats at all times. When this is the case very little corn is needed—just enough so that they are brought into a reasonable condition of fatness before farrowing time. Bear in mind, however, that oats contain considerable fat and that this grain alone will bring sows through in good shape.

### Facts About Oat Growing.

To the Editor of The Homestead:

In answer to Mr. Houtz, will say that there are several reasons for the decreasing yield of oats, namely, the poor quality of seed sown even of good varieties, the uneven distribution of the seed, the uneven depth of planting and the poor preparation of the seed bed. It is as necessary to sow only the best grains of oats as it is to select the best ears of corn for seed. I find it pays to fan and screen seed oats so thoroughly as to leave not more than 25 per cent for sowing. Those screened out are just as good for market or for feeding. Then each seed will produce a vigorous plant that will stool out well and better withstand the attacks of insects and blight and rust.

The distribution is so uneven that I have counted a hundred shoots on a square foot and found none at all on the adjoining square foot. I have also found them planted from nothing to four inches deep. Oats when sown in corn stalks nearly all go into the low places and when disked in these low places are covered very deep. The thick places do not produce well; the bare places produce nothing; those not covered usually do not grow, and those covered too deep come up weak and are very susceptible to rust. Where oats are sown broadcast it is a good plan to thoroughly disk the field, then sow and disk in shallow so as not to cover them too deep. I use a disk drill and it works splendidly, sows evenly and plants at an even depth. The yield is greatly increased over broadcast sowing. The only fault I find with it is that it will drill in oats without preparing the seed bed, and some farmers are foolish enough to put in their crops that way.

It takes time to put oats in right, and the season for sowing oats is shorter than for other crops. Why can't we do part of the work in the fall? Stalk feed is not worth more than fifty to seventy-five cents per acre, and the tramping of the stock usually does more damage than the feed comes to. I find it pays big to keep the stock in yards and sheds, and cut up enough corn to feed through the

winter, either whole or shredded, and raise some clover to help out. Then plow as much of the stalk ground as possible for the succeeding oat crop. Plow just as well as for corn. The stalks will not bother the oats. That will give time to put the oats in right in the spring, and oats do much better on the fall plowed fields. It is true that plowing comes at husking time, but it will pay to hire a little extra help or to postpone part of the husking for a few days.

Two bushels of seed per acre drilled in will give a better stand than three bushels sown broadcast. I doubt that over 50 per cent of the seed oats sown broadcast ever grows to maturity.

To conclude will say, thoroughly prepare the ground, plow as much as possible in the fall, use only the very best of seed, distribute the seed evenly, cover an even depth, not too deep; sow as early in the spring as the ground is in good condition, drilling in if possible. If this is done I think the yield of oats will soon be greatly increased. The above is not theory, but actual experience. J. O. Winship.

Putnam county, Ill.

The oil cooler is replacing the water cooler for small gasoline engines on the farm. In a warm room, water is all right, but out doors where a farm engine, especially the portable style, generally is located when at work, something unfreezable is required.

### Cancer and Tumor Cured.

With a Combination of Oils. Write to the Originator for his free books. Beware of imitators. Address Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

Messrs. Taylor & Jones, of Williamsville, Ill., write: "We have to report a good barn trade. Nearly every week we have reported many new sales and now we are pleased to report some very important ones. Mr. Geo. A. Hogg, one of the wealthy and well-known steel and iron foundry men, of Pittsburg, Pa., came direct here to our barns expecting to find just what he wanted and he got it in a very high-class prize-winning Shire stallion that was one of four that won first at Illinois State Fair by one sire. Messrs. C. D. Fowler and E. M. Keer, of Toulon, Ill., came here and got their money's worth in a grand good 2,000-pound imported prize-winning Percheron, a gold medal horse. Mr. C. T. Walton, of Bethany, Ill., was well pleased in an extra good home-bred Shire, and Mr. S. C. Langenwalter, of Lebanon, Ill., took a very handsome home-bred Percheron stallion. Mr. W. C. Hawkins, of Fairmount, Ill., got a beautiful imported Shire stallion that will please his people in one of our very best-bred horses, while Mr. James Welsh, of Knightstown, Ind., got a very flashy Percheron horse. Messrs. Walden, Blume & Co., of Charleston, Ill., went home happy with a big, bold-going imported Shire colt; Mr. F. M. Minshall, of Viroqua, Wis., got a home-bred colt that he writes almost filled his season book in advance as soon as he got home, and Messrs. Patterson & McLaughlin, of Taylor Ridge, Ill., were made happy by buying an 1,800-pound two-year-old Percheron. We have our barns yet full of good ones." See advertisement on page 47.



## Farm Furrows

Turned by a Practical Farmer.

A good disposition and good cooking go hand in hand.

Cane seed may be ground and used as buckwheat in making pancakes.

Twenty degrees below zero sounds like \$20 worth of winter clothing to me.

The man who makes it a business rule never to sign his name to any commercial paper saves himself lots of grief.

Once we had a milk hauler whose name was Cheralgkdye. He always said he didn't care what people called him just so they always called him in time for dinner.

What village or community is there existing that has not seen some of its best business men financially ruined by dabbling on the board of trade or with bucket shops!

It is remarkable how leather has advanced lately. It is said to be due to the large amounts that are being used in the manufacture of automobiles, ladies' gauntlet gloves, etc.

I always feel sorry for the man who has to move the first of March every year, and I feel sorrier for his wife. I have known families to use up all the profits they had earned in a year in getting settled on the next farm.

A great many boys never appreciate the comforts and advantages of their parental home until they are cast on their own resources. A year or so spent as somebody's hired man will bring about a great change for the better in the disposition of some boys.

Crude oil is getting to be a mighty popular vermifuge for stock. We notice some people confuse it with crude petroleum and other oils having the nature of kerosene and gasoline. Crude oil is thick, dark and heavy, and the only method of applying it to stock on the ordinary farm is by daubing it on with a brush.

The boy that has been brought up in luxury and does not know what it is to work for a dollar is surely handicapped when he comes to business.

As much as we dislike to see old Mother Earth covered with snow and snowbanks, we are not going to grumble, for this blanket is just the thing to protect plant life.

If you will use kerosene to soften the dried grease on your plows you will have no further trouble in removing it. I spent many hours scraping before I thought of trying it.

Corn sells for thirty-five cents at the elevator, but the packer who buys your hogs pays you sixty cents for the corn that you fed them. It looks as if the man who sells his corn could think a while on the proposition.

I am of the opinion that the farmers of Kansas and Nebraska have been more successful in growing alfalfa than those of other corn states simply because they have been more persistent, and consequently have conquered the difficulties.

It is a great mistake for parents or anyone else to tell children that "bears will get them if they don't watch out." I have known children that had no more

**WAGON SENSE**  
Don't break your back and kill your horses with a high wheel wagon. For comfort's sake get an **Electric Handy Wagon**. It will save you time and money. A set of Electric Steel Wheels will make your old wagon new at small cost. Write for catalogus. It is free.

**ELECTRIC WHEEL CO., Box 43, Quincy, Ill.**

**Musgrave Wire Stretcher**  
Stretches fence post and post; turns with a crank; pulls 10,000 lbs., \$8.00. Also ask for cat. lawn, poultry and hog fences and gates.

**MUSGRAVE FENCE CO., Des Moines, Iowa**

**A SPEEDY WIRE STRETCHER**  
The Automatic Steel Lever Stretcher will draw 40 rods of wire tight in one pull, and always to last post. A daisy splicer and staple puller. Price \$1.25. Agents wanted.

**Otto Schwen, Box 204 Davenport, Iowa**

## You Can Increase Your Feeding Profits

**YOU** can increase your feeding profits, make more money in less time, and keep every animal on your place in a vigorous, healthy condition, by regularly adding a little Standard Stock Food to the ration.

Let us tell you what *Standard Stock Food* does.

A very little of it flavors the entire ration and makes it taste good.

It stimulates the flow of all the digestive juices, enabling the animal to digest its feed more easily, more quickly and more thoroughly so that it gets a large percentage of nutriment from the feed.

It decreases the waste and increases your profits, because it makes every pound of feed you feed go farther.

It tones and invigorates the entire system and puts every unthrifty animal in a thrifty condition. It makes a horse work better; a cow give more and better milk; a steer, a hog or a sheep take on more flesh and finer finish; a colt or calf grow more rapidly.

*It makes stock thrive.*

### Standard Stock Food

"It Makes Stock Thrive."

And you can use the Standard at less cost to you than any other stock food, because a dollar's worth of Standard Stock Food contains more feeds, will go farther, last longer and produce more and better results than a dollar's worth of any other stock food

made, whether it costs 5c or 15c a pound.

You can easily prove this to your own satisfaction, simply by examining various stock foods and their manufacturers' directions for feeding.

The Standard looks better, smells better, tastes bet-

at least cost.

We urge you to investigate before you buy.

You can see for yourself why the Standard gives so much better results.

You run no risk for we sell you on our Square-Deal, Money-Back Guaranty.

We have more than 400,000 satisfied customers who have proved that "It Makes Stock Thrive."

**Go To Your Dealer**

and ask him to supply you. If he cannot, do not take a substitute but send to us direct.

We will ship immediately and protect you with our square-deal, money-back guaranty.

**FREE TO YOU.**

Our big stock book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price \$5 cents, and you could not buy its equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

**Standard Stock Food Co., 1516 Howard St., Omaha, Neb.**



fear of darkness than they had of the light, simply because the darkness was never made fearful to them.

The terms "pure-bred" and "thorough-bred" mean about the same thing, yet the latter name is more properly applied to one breed of horses. It doesn't sound good to our ears to hear people talking about thoroughbred hogs. It makes us think of the race horse type of porkers.

For the young farmer just starting out next spring it seems to us that he could find no better place to get stocked up in machinery than at some of the farm sales. A great many tools that have been used for only one season will sell for half price, while they are just as good as new, practically speaking.

Everybody knows the blue jay, and it is true that he is one of the biggest rascals in the bird line that inhabits our country. Some way we like to see him, nevertheless, inting about and stealing a few kernels of corn from the corncrib when he can secure food in no other way. He stays with us all winter.

When the time comes that every man in the central West is able to obtain a good stand of alfalfa, then surely will the great corn belt be the garden spot of the world. Just think what the possibilities are when land will produce five tons per acre of cured alfalfa, a food richer than bran! When I contemplate it I am glad I'm living.

A great many people fool themselves in thinking that a steer or cow needs to be high on the legs in order to be a big animal. The length of the legs don't have anything to do with the size; in fact, the longer the legs of a steer the poorer the feeder, generally. The wide sort of a beast right down next to the ground is the kind that puts the meat on.

For twenty years we have studied

## How To Build Telephone Lines



You want all the information you can get before putting up a rural party line. Knowledge at the right time will save you money. We will be glad to furnish you with all the points of the practical side of the business.

We have made a specialty of telephone service for farmers for many years, and we know every step of the way. Our experience, and expert help are yours for the asking.

### Write For Our Free Books On Telephones:

"Telephone Lines and How to Build Them," "How Telephones are Made," "Magneto Telephones." All handsomely illustrated.

Free insurance of your Telephone against damage by lightning. Get a copy of our policy.

Our Guaranty Bond insures you against all defects of material and workmanship. It means all it says.

**Chicago Telephone Supply Co., 149 Beardsley Ave., Elkhart, Ind.**

snow birds and we begin to believe that they are about as sure weather forecasters as most men all the time and the weather bureau most of the time.

It takes five minutes to bed a horse well. This little job properly done saves ten minutes in grooming filth from his limbs. It saves a foul smelling team to work around, and, moreover, adds to the comfort of the horse, consequently to his welfare.

The man with a sure and plentiful supply of water for stock at this season of the year can never appreciate his condition unless he has sometime had to pump water by hand or dig a temporary shallow slough well to relieve the thirst of a hundred head of bawling cattle.

I am hoping that the day will come when each breed of live stock will find its own peculiar set of conditions, in order to end some of this rivalry between the breeds. I can hardly make up my mind that the Short-horn, Angus and Hereford are actually competitors, because each breed is adapted to a little different set of conditions.

## THE HAWKEYE Grain Grader and Cleaner



### BUILT EXPRESSLY FOR FARMERS

It is both a grain grader and fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time.

It will clean and grade seed corn.

It will clean and grade seed wheat.

It will clean and grade seed oats.

It will separate timothy from clover.

In short, it will do any work required of a fanning mill and grade seed grains besides.

If your dealer does not handle it, write us for illustrated circular and prices. Manufactured by

**PARSONS HAWKEYE MFG. COMPANY, NEWTON, IOWA.**

## JOIN THE UNITED STATES NAVY

**GOOD PAY**, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentice seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.



### MAKE MONEY

pulling stumps, grubbing, etc., and clearingland for yourself and others. Hercules Stump Puller is the best.

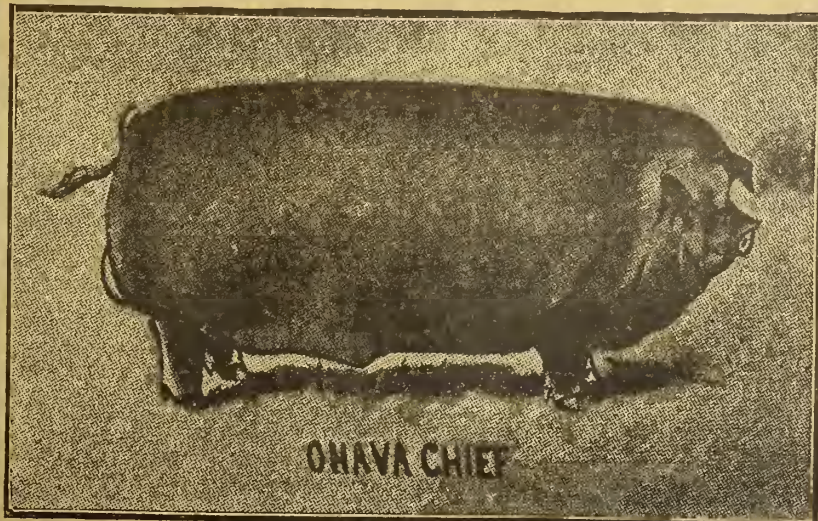
Catalog FREE. Hercules Mfg. Co., Dept. B70, Centerville, Ia.

**Wanted** Men each state to distribute samples of our goods and tack advertising cards. Salary \$21 per week, \$3 a day expense allowance. Saunders Co., Dept. 7, Chicago.

**Agents:** Sell automatic self-cleaning curry comb. Money-making opportunity for hustlers. Write for introductory offer. Cleau Comb Co. Dept. 10, Racine, Wis.

**MAKE** your own fence posts. Write for prices of the Smith Cement Post Machine. Address, Dept. B, W. Smith Grubber Co., La Crosse, Wis.

When writing please mention this paper.



One of the good sons of the great Ohio Chief. There will be several of the best sows included in the M. A. Sellers & Son sale, at Huntley, Neb., February 26th, bred to this hog.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## THE NEED OF THE FANNING MILL.

The campaign inaugurated in the interests of better corn a few years ago has in a large measure succeeded, and as a result corn growing is on a better basis today than ever before. Up to date, however, the small grain crop has largely been neglected, and the time is at hand when this should be taken up in earnest by our experiment stations.

There are three practical methods that may be applied to the improvement of small grain. First, better seed bed; second, treating the corn for smut; and last, grading the grain before sowing it.

It is the grading of grain by the use of the fanning mill that we have in mind to speak of at this time. Grain as it comes from the thrashing machine, and especially oats, is very irregular in the size of the grain and usually there is a considerable percentage of broken kernels. When this mixture is sown we find that the small, light grains produce feeble plants. These plants start life more slowly and never equal in growth the plants that come up from the strong grain. The crop in such a case cannot possibly mature uniformly, and everyone knows that grain cut before it is reasonably mature will always be light and chaffy.

By blowing out or sifting out all light, small grain this part of the seed is of value for feeding purposes. If it is sown along with the heavy grain it is not only a loss, but a hindrance

## CONGO ROOFING

Congo is "never leak"  
high-grade ready roofing.

It is durable, weather-proof,  
rot-proof and easy to lay. The  
rolls are carefully tested and in-  
spected in manufacture so  
that every one is perfect.  
No faulty rolls, no torn  
edges, no waste. Sample  
free for the asking. Address

Buchanan-Foster Co.  
Philadelphia.

1033 Monadnock Building,  
San Francisco.

Write  
To-day  
For Free  
Sample

## WESTERN SEEDS for Western Planters

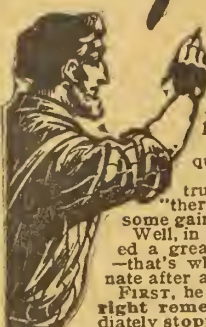
NEW CROPS, TESTED SEEDS, for Farm,  
N. Field and Garden. ALFALFA, CANE SEED,  
MILLET, KAUFER CORN, POP CORN,  
ONION SEEDS, CLIPPER MILLS, ETC. Also  
FIELD STOCKS, GARDEN SEEDS. If you  
wish to buy or sell, write us for price lists before you buy.  
THE BARTEDES SEED COMPANY  
Lawrence, Kansas Denver, Colorado Oklahoma City, Okla.



\$8.50 Buys the Best  
Guaranteed  
INCUBATOR

You Are to Be the Judge.  
All the time you want to fully  
satisfy yourself. Hot water, cop-  
per tank and heater, safety lamp,  
best regulator, all latest improve-  
ments. Don't buy an incubator  
until you see it. Catalog tells all about it. It's free.  
Barry's Incubator & Poultry Farm, Box 138, Clarissa, Ia.

# "My pigs were dying"



Writes Mr. F. L. Miller, a prominent stock raiser of Beaman, Iowa, after having the above unpleasant and very unprofitable experience not long ago.

And yet he feels he was quite fortunate.

You know there's some truth in that old saying that "there's no loss but there's some gain."

Well, in Mr. Miller's case he gained a great deal more than he lost—that's why we say he was fortunate after all.

First, he fortunately obtained the right remedy at once and immediately stopped the death loss among his pigs.

Second, he gained experience that will enable him to prevent such loss and sickness among his hogs in the future and thus he values a hundred times more than his loss amounted to.

Third—now he's master of the hog disease problem.

The purpose of this advertisement is to tell you how to become master of all stock diseases, too, and before you experience loss if you will act on the advice and do as Mr. Miller did.

And that is—Use Dipolene—the greatest disease preventive and dip ever offered to farmers.

Take advantage of Mr. Miller's experience—don't wait until your stock is threatened, or their death picks your pocket of their value.

Just read this letter. It's more convincing than pages of argument we can write simply because it comes from a fellow farmer who has used it.

MARSHALL OIL CO., Marshalltown, Iowa, Gentlemen:—I used your dip on 400 sheep and about 175 pigs. It killed the ticks on both lambs and sheep at the first dipping. Our pigs were dying from sour mouth and skin disease. We dipped them several times and I am satisfied we would have lost a large number but for your Dipolene. I shall always use it.

F. L. Miller, Beaman, Iowa.

Isn't that strong evidence.

Isn't that actual, convincing proof? Then why take chances. Why put off getting Dipolene and being fortified against loss.

## DIPOLENE

THE ONE MINUTE STOCK DIP

It will stop all diseases of cattle, horses, sheep or swine: kill lice, ticks, fleas, etc., cure scab, mange or eczema and do it in double quick time.

It not only cures disease but it keeps it off your farm, if you will use it as a preventive by spraying your pens, sheds, barns, etc.

To relieve you from any doubt, from any risk in giving Dipolene a trial we willingly make you the following

**30 Days Free Trial Offer**

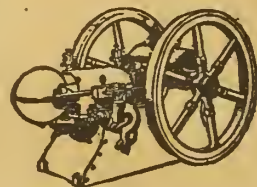
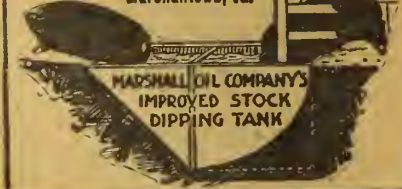


Buy a can of Dipolene from your dealer, if he does not handle it then send to us direct—we pay the freight. Try it 30 days and if not as represented, send it back at our expense. All dealers have authority to make this liberal offer. Accept, no substitute—there's none "just as good."

Isn't that a fair, open offer?

Ask us to send you "A Budget of Real Letters" from farmers—letters like Mr. Miller's in their own words and handwriting—they'll interest you. Also circular on our dipping tank and booklet "Dipping for Dollars"—they're free. If you need a tank ask your dealer to show you our Improved Stock Tank—the best made. Free circular tells why. Round bottom prevents drowning.

MARSHALL OIL CO., Dept. D2,  
Marshalltown, Ia.



## Lightning Gasoline Engine

STATIONARY AND PORTABLE 2 TO 25 H. P.

NEW PLAN FOR COOLING CYLINDER.

REDUCES WATER TANK TO A FEW GALLONS.

SEND FOR CATALOG.

SPECIAL FARM ENGINES

KANSAS CITY HAY PRESS CO., 621 Mill St., Kansas City, Mo.

## LATE MINING NEWS.

10c. FOR 6 MONTHS.

**TRIAL SUBSCRIPTION** An illustrated weekly up-to-date mining paper with all the latest news of the great mineral camps. Keep in touch with the Great West. Sample copy free. COLORADO GRAPHIC, 250 Toltec Bldg., Denver, Colo.

we saw a bunch of hogs sell at auction that realized the owner about ten cents per pound. We could scarcely see how these hogs could be fed out at a profit. In that case, even though prices are high now, we believe that the seller had the better end of the deal.

A sow ought to raise an average of seven pigs, and these pigs if sensibly handled can be brought to weigh eighty or one hundred pounds a good deal more cheaply than they can be bought. Of course we can imagine men being so situated that it is not practicable to keep many brood sows around the farm, yet at the same time they need the hogs to feed out with their cattle. In such cases men can afford to pay a good stiff price for stock hogs, because all the gains they make will be picked up from waste around the yards, and in that case it will be clear profit. Indeed, nowadays about all the profit the average steer feeder expects to get out of his operations is what he makes on the pork end of the deal.

In every community there are those who will sell hogs in the fall and let the other fellow finish them, and there are always those who are in a position to buy; but as a general proposition for the average farmer it is our opinion that it pays each man to raise his own hogs.

## DISKING ALFALFA.

The Arizona Station has given some attention to the matter of disking alfalfa, and the result of work there leads to the conclusion that it pays to disk.

One effect of the disk is to split and spread the crowns of many of the plants, thus causing them to stool out and send out an increased number of stems. If the disks are only set at a slight angle little damage will result from the operation.

It forms a mulch on the surface and tends to conserve soil moisture. The work may be done before growth begins in the spring, or after any cutting.

Disking sometimes has the effect of destroying certain insect enemies. In Kansas and Nebraska grasshoppers have been known to be reduced in numbers by early spring disking. It is conservatively estimated that using the disk sensibly on a field of alfalfa will increase the yield 10 per cent.

SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April

## FREE GROCERY HARDWARE FARMING TOOLS HARDWARE ETC. CATALOGUE

I CAN SAVE YOU MONEY on groceries, Harness, Farming Tools, Stoves, Hardware, in fact everything used in the home or farm. Send for my catalog, showing prices and illustrations. It does not cost you a cent. I will send you whatever you order and if it is not exactly as represented and entirely satisfactory TO YOU, send it back AT MY EXPENSE and full purchase price will be refunded. I have been in business right here in Milwaukee almost a quarter of a century and name as reference, the First Nat'l Bank, any Express Company or business house in Milwaukee. You run absolutely no risk in buying from me. I show you in my catalog, illustrations and descriptions of the goods, quoting prices. Read them—compare them with what you are paying at home and convince yourself that what I say is true, "I CAN SAVE YOU MONEY."

Write for my catalog. It is FREE.

LOUIS B. LOSSE, Milwaukee, Wis.

## Every Farmer and Stockman

HIDES  
TANNED  
FOR  
ROBES

Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered our prices are the lowest. We guarantee satisfaction and prices. Write today.

IOWA TANNING CO.

Des Moines, Iowa

## HIDES TANNED

SEND YOUR  
HIDES TO US  
They are valuable  
Don't trust them

to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list, J. H. Cowrie Glove Co., Des Moines, Iowa

The Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



## VETERINARY MATTERS.

**PROFESSIONAL** Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### MANGE IN HOGS.

Please tell me how to cure mange in hogs.

Isolate affected hogs; change unaffected hogs to clean quarters and at once clean up, disinfect and whitewash old pens and places occupied by affected pigs. Spray and scrub each affected hog with a warm 1-50 solution of coal tar dip in which flowers of sulphur have been very freely mixed and repeat as required until hogs are well. Also give unaffected pigs one thorough washing with same solution as a preventive and watch them carefully, repeating the application at the first sign of trouble. Feed light, laxative rations avoiding heavy corn feeding.

#### TUMOR.

I have a red short-horn cow five years old, weight about 1,300 pounds, that has a growth or bunch on her right flank about the size of a coconut, commencing at the bottom of flank and extending upward about one-third the distance to the hip bone. It seems to be between the body and outside skin, as I can move it back and forth and up and down. The hunch is hard and I cannot find any soft spot in it. I noticed it about two months ago and it is gradually getting larger. The cow raises a calf every year and is in calf now since July. So far I have given no treatment. What do you advise?

It would require an expert examination to determine exact nature of tumor described. Apparently it is a fibroid tumor and might be operated upon by an expert, but as it may be a rupture it would be best to leave it alone unless a qualified veterinarian can be employed.

#### SPINAL MENINGITIS.

I should like to have you tell me what ailed my cow and how such a case should be treated. She was running in stalk pasture with plenty of good well water. I fed her a little corn twice a day. She first got stiff in the right front leg and next morning she was stiff in the hind parts, but went to the stalk field and ate the same as usual. That night she got down and lay on her side for two weeks with her legs stretched out and her head back as far as she could get it. After she was down her legs seemed to be limber and natural. The muscles in her neck seemed to draw down toward her shoulders, and the cords in the top of her neck were drawn tight. She did not bloat any at all. Had to water her with a bottle, as her neck was too stiff to allow her to drink otherwise. Her urine was natural and kept bowels open with linseed oil. Glauber salts and sweet lard given alternately as needed. Was giving milk before sick. She died after two weeks.

This is but one form of so-called "corn stalk disease" so common where cattle

are pastured in corn stalk fields and regarding which so much has been said in this department of the paper and its editorial columns. The disease is practically incurable, but cow should have had a two-pound dose of castor oil when first taken sick and this might have prevented the final results had she been kept out of the stalk field and been fed simple laxative rations in yard.

#### LYMPHANGITIS.

I should like some advice in regard to my horse, ten years old, that has a bad case of lymphangitis. One hind leg is swollen up and so sore that he cannot put it on the floor or ground.

The attack follows a period of idleness during which the horse is generously fed on rich food. To prevent the disease always cut down the grain ration when a horse has no work to do and see that he has some out-door exercise each day. At time of an attack bandage leg from foot to body with soft straw or hay rope and keep the rope bandage saturated with hot water in winter or cold water in summer and put on more bandage high up as weight of water forces first bandage downward. Feed soft bran mash and in each dissolve a tablespoonful of saltpeter; also dissolve same amount of saltpeter in each pailful of cold water and keep the water in front of horse all of the time. Three or four ten-drop doses of tincture of aconite in water along with two dram doses of saltpeter should be given at intervals of three or four hours at outset of attack. A physic of raw linseed oil is indicated if the horse is fat and costive. A physic ball should only be administered by the qualified veterinarian and after the high fever has subsided.

#### SICK SHEEP.

I bought seventy-five head of sheep in August and they did finely for a while, when they became troubled with sore eyes and a cough. Some of them got very thin and weak, so that they would fall down and in a few days would die. Some of them scoured very badly and some of them are losing their wool. They seem to have good appetites. I have lost five and another one is down now. Some of them are swollen around the head a little. I feed them corn and corn fodder and they have the run of a timber pasture with underbrush. These sheep are young ewes and with lamb. Can you tell me what to do for them?

The sheep have a complication of troubles, but the swellings about the head (under the jaws), the weakness, scouring and cough, point to the presence of intestinal worms, and possibly worms in the lungs. The eye disease may be from other causes. As ewes are in lamb, it is scarcely safe to use strong medicines for destruction of worms, but at once the ewes should be well fed on a mixture of whole oats, bran and linseed oil meal or cake along with best of hay and adding cabbage, roots or silage if obtainable. Better keep them out of the woods pasture. Hay should be clover and timothy or alfalfa, rather than timothy or prairie hay alone.

## Chief Cause of Hog Losses



This exposure shows stomach and intestines taken from a twenty-five pound shoat, full of intestinal worms.



This shows liver of same shoat, with worm in Bile Bladder, X mark showing location. The duct through which worm has come was split with a knife to show the worm.

#### To Whom It May Concern:

During the month of August, 1906, my shoats got sick, and a number of them died. On August 27th, Mr. Deal, representing the Iowa Stock Food Company, called at my place and told me my hogs were dying on account of worm trouble. In order to make sure of this, we killed one pig. On examination we found the stomach and a portion of the small intestines full of intestinal worms. Some of the worms had worked their way through the bile duct and into the bile bladder and liver.

The jar that Mr. Deal carries with him contains the liver, stomach, intestines and worms taken from this shoat. If anyone doubts this and will write me, I will, if necessary, go before any notary public and make oath to the above fact.

I fed Iowa Worm Powder to the balance of my pigs. It cleaned them of worms, and I had no more losses. Iowa Worm Powder will accomplish all that is claimed for it. I never saw anything that would remove the worms so effectively. I also consider Iowa Stock Food the best appetizer and conditioner I ever fed. The feeding of these products has saved me my crop of pigs. Anyone can be convinced of their value by using them.

Very truly,  
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Gasoline in tablespoonful doses mixed with six ounces of new milk and given every three days for two or three times is generally effective for worms of sheep. For eye disease, sponge eyes once daily with a saturated solution of boracic acid, then puff between eyelids a little of a mixture of equal parts finely powdered calomel and boracic acid.

#### SPAVIN LAMENESS.

I have a bay horse coming five years old that has been lame in his right hind foot or leg since I got him last spring, and I cannot locate the trouble. In the barn he rests his foot lightly on the toe and when made to move seems afraid to set his foot down flat. He limps at times when first led from the barn, but seems to get better when exercised. He does not favor the leg when pulling, but have seen him carry it for a few steps when running in the pasture. He wears the toe of the hoof round. Have had his foot trimmed out, but it seems to be all right. Have also had him shod, but it does not do any good. At times he is better and can hardly tell that he is lame at all. What do you think is the matter with him and what should I do to cure him?

This is a plain case of hock lameness and spavin, either external and apparent or internal and invisible (occult), is the cause. Test for spavin if it cannot be found low down on inner front aspect of the hock by picking up foot of affected leg and holding the hoof as close up to the stifle as possible to shut the joint tightly upon itself. Hold thus for three or four minutes, then drop it and have horse instantly trotted forward. If there is spavin lameness he will now go on three legs for the first few steps and then be much lamer than previously. Firing and blistering of the hock joint by a qualified veterinarian and to be followed by at least six weeks' absolute rest, tied up so that he cannot lie down in narrow stall, will be the proper treatment, but occult spavin is most unsatisfactory to treat.

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## FARM DRAINAGE

BY PROF. A. MARSTON, AGRICULTURAL COLLEGE, AMES, IOWA.

While the construction of large drainage ditches attracts more public attention than tile drainage, yet anyone thoroughly conversant with drainage must admit that tiling is the more important. In fact, the real object of our drainage ditches should be considered simply to provide outlets for tile drains. The largest ditch can remove the ground water for a distance of only a few rods from its banks, and while such ditches can remove the standing water from ponds, drainage must be extended beneath the surface to really fit the soil for cultivation. After the completion of all drainage projects now under way, hundreds of thousands of miles of drains must be constructed before the land will be really reclaimed.

The writer of this paper can speak from his own personal experience of the vital necessity of tile drainage. He has had the good fortune to be possessed of the title to some of the fertile lands of the central West. During the recent wet years disastrous experience brought to his attention the fact that much of this fertile land was practically worthless in wet seasons, for the production of crops. Each year the expense of preparing the soil, of planting the seed, and of cultivating the crop was as great as it would have been for a good crop, and while it is true that there was almost a total saving in the expense of marketing the crop, yet the whole operation was the exact opposite of a financial success.

In 1905, the writer and his brother, who were jointly interested in the land, decided to begin the construction of tile drains. Up to this time practically no drains had been laid in the neighborhood in which the farm was located. The neighbors knew practically nothing about tile, and hence were perfectly free to express their opinions on the subject, which were usually unfavorable. They thought that, owing to some imaginary peculiarities in the soil, the methods which had succeeded so eminently in Illinois and elsewhere would prove a failure. They also decided that the tile were being laid so deep that the water could not get to them.

Nevertheless, the work was proceeded with, and one field of twenty acres was quite thoroughly drained early in the spring of 1905, and planted to corn. During all the preceding wet years this field had raised practically nothing, but much to the surprise of the prophets, this year during the growing season the corn stood a foot or more higher than that in the surrounding land, which had been considered comparatively dry.

At the present time tiling is proceeding so rapidly in that same neighborhood that it is practically impossible to secure a tiler to do one's work. The writer is proceeding as rapidly as finances will permit with the drainage of the entire farm, and considers the investment one of the best he has ever made.

Since the writer is an engineer by profession, this was a case where he had opportunity to take a dose of his own medicine, as for some years previous he had widely distributed the advice to a man about to drain, "First, hire an engineer." After his experience to date, he is more firmly convinced than ever that the best way to economize in connection with the tile drainage system is to hire a competent man to survey and plan it and to pass upon its construction. Hundreds of thousands of dollars have been wasted in the improper construction of drainage systems. It is not uncommon to find that the early parts of

a tile system have been made too small or laid too shallow to drain remoter tracts. In some cases sags in the grade line are found, and, although the tile ditcher will always claim that the water will "siphon out" of these sags, the farmer finds to his cost, after the ditcher has been paid, that the tile is practically worthless.

It must continue to be a source of wonder that the ordinary tile ditcher engaged constantly at drainage work really learns so little about the subject. He seems to acquire a set of notions peculiar to himself, for usually these men disagree in their opinions on the same subject. There ought to be some inexpensive school, which tile ditchers could attend and receive instruction in the principles of land drainage, and in simple methods of surveying and constructing drains. We have had some call for some such instruction at the state college and have in some cases arranged for such men to receive instruction from advanced students whom they pay by the hour for the work.

**Complete Drainage Plans**—In planning tile drainage the proper method is to make comprehensive plans for all the land which is to be drained to one outlet from the very beginning. Otherwise serious mistakes are apt to be made in the parts of the system first constructed.

**Sizes of Tile Necessary**—There have not, as yet, been sufficient data collected to show with certainty what capacities of tile are needed to meet different conditions. A few data on this subject are now being collected under the supervision of the state college. However, a capacity under average conditions sufficient to remove one-fourth inch depth of water in twenty-four hours appears so far to have given good results. This means a maximum flow of about 6,800 gallons per acre per day, or about 4,360,000 gallons per square mile per day. If the tile are laid at a good depth the upper few feet of soil act as a great sponge to receive the rain as it falls and to deliver it gradually to the tiles. We are now making a few gaugings of the actual flow of drains to determine the maximum rate during the year, but the writer knows of no systems which have been built with the above named capacity which have proved too small. He believes that usually four-inch tile should be used as a minimum size.

**Depths for Tile Drains**—The writer strongly advises laying the tile, under ordinary conditions, to a minimum depth of three and one-half to four feet. Many advocate laying the tile at three feet deep or less, but careful consideration must show that tile laid four feet deep will drain effectively a strip much more than 25 per cent wider than tile laid three feet deep. Moreover, the land drained will be drained much deeper than in case of the three-foot depth. Tiles laid four feet deep can be planned considerably more than enough further apart than tile laid three feet deep to make up for the increased cost per foot of tile, owing to the great depth. Hence, it is economical to lay them at the greater depth, if the system is intelligently planned.

Of course, the soil structure will affect the depth at which the tile should be laid, to some extent. Again, there may be cases in which a very long line of the tile would all have to be made deeper on account of a very small tract of low-lying land if the minimum depth of three and one-half to four feet were

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absolutely insisted upon. In such cases a short strip of the tile can be laid to the minimum depth of three feet.

**Distance Apart of Tile Drains**—Intelligently collected data are yet lacking to show the exact distance at which tile drains need to be laid apart in different soils. The writer's own experience and observation have convinced him that under average conditions of soil, with clay sub-soil, the drains can be laid eight rods apart if they are put three and one-half to four feet deep. In the first piece of land which the writer drained on his own farm, as mentioned above, the drains were laid eight rods apart at the depth mentioned. Last fall, after a very wet season in that locality, the writer went carefully over the field. Apparently the drainage was perfect half way between the tiles, for the corn there appeared to the eye to be as good as those immediately over the tiles.

In another place on the writer's land one drain was run up through the middle of a wet swale. The last spring proved exceedingly wet and it is now apparent that a drain will have to be added on each side of the first. The writer found that the corn was good for a width of about eight rods, extending four rods each side of the tile.

We now have under way some drainage tests in which it is proposed to determine the height of the ground water at different distances from tile drains in different soils after different periods of time have elapsed since rainfall. We hope to obtain some information in this way to assist in determining the proper distance apart for tile drains.

**Avoid Short Branches**—One often sees tile drains laid out consisting of a main line of tile with numerous short branches each only a few rods long. This is a very uneconomical plan upon which to lay out tile drains. Each properly laid tile will thoroughly drain the land for a distance of four rods each side. At each junction, therefore, of a branch there will be four rods of tile wasted, because it passes through territory already drained by the main tile. Yet how often one sees branches not more than four or five rods long, which do practically no good whatever.

So far as possible, the tile should be laid in long, parallel lines and there should be as few junctions as possible.

**Avoid Unnecessary Deviations from Straight Lines**—Another common fault in tile systems is to make the line very crooked. One often wonders what idea the ditcher or engineer had in mind when he meandered about over the surface of a practically level tract. Every deviation from a straight line in a tile drain should be considered an evil, only to be tolerated when it is really necessary. The general plan of the system should be as simple and regular as possible.

**Grades**—The writer presumes that

there is no one who still considers that a steep grade is necessary for a tile drain. A fair rate of grade is a good thing, because it increases the capacity of the tile, though some authorities claim that if the grade is too steep the velocity of the current will disintegrate the soil at the joints of the tile, and sometimes result in stoppage.

In tile drains properly constructed, particles of soil do not enter the tile at all, except, of course, that a little soil may find its way into the tile during and soon after construction, which is reason for adopting four inches as a minimum size for all tile. Small sizes are too apt to become stopped up at first. After the earth has become compacted above the tile, only clear water should enter. In case quicksand is encountered during construction it should be removed for a shallow depth under the tile, and clay filled in, on which the tile should be laid.

If tile drains are properly built they may even be laid on a level grade and still do good work. Of course the grade should be no lighter than is really necessary. The lighter the grade the greater is the necessity for careful work in construction.

**Construction**—In the construction of tile drains the writer thoroughly believes that grade stakes should be set at least as close as fifty feet apart by an engineer, and that the ditcher should be required to stretch a cord parallel to the grade line over the ditch, measuring from the grade stakes, and that each tile should be laid by measuring from this string. Tile should be laid as closely as possible at the joints. In case sand is encountered the tile should be surrounded below and on each side, as well as above, with clay or top soil. It is often well to blind the tile with top soil as they are laid, instead of with clay from the bottom of the ditch.

**Outlets**—Each tile outlet should be very carefully built. Usually a masonry wall should be constructed to hold the last section of tile firmly in place. It is also well to use a length of iron pipe at the outlet if the size of tile is not too large. The outlet should be planned in such a way that it can be kept open. A very large percentage of the tile outlets in the state are exceedingly defective.

**Cost**—The cost of tile drainage will depend upon the percentage of the land requiring tiling. In many cases the construction of a comparatively limited amount of tile will greatly benefit large areas by taking care of the wet spots scattered here and there. In such cases the cost per acre is low.

In case every square rod of the land had to be drained the cost might run as high as twelve or fourteen dollars per acre. In the worst case, increased crops will pay for the entire cost of drainage in a few years.—Paper read before Iowa Brick and Tile Association.

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50 CHOICE Silver Laced Wyandotte cockerels and pullets for sale at a very low price, all from high class stock. O. O. Howell, Oelwein, Iowa.

GOLDEN, Silver and White Wyandotte cockerels, nice birds, leading strains. W. W. Conn, Parkersburg, Iowa.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

GOLDEN WYANDOTTES for sale, pure bred. J. L. Boner, Lenora, Kansas.

## LEGHORNS.

MONEY MAKING Buff Leghorns, single comb, solid buff, farm raised. Took three first premiums Clarinda show last December. Thirty eggs, \$2.00, nine dozen, \$5.00. Give shipping date and order incubator eggs. Warranted fresh and chickens unspotted buff. Write today. Mrs. Agnes Smiley, Bradyville, Iowa.

ROSE Comb Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazeldell Poultry Farm, Chas. Lyman, Clarinda, Iowa.

S. C. W. LEGHORN cockerels. Write for score cards. Winnings at Ames Show, first pullet, first hen, first cock, fourth cockerel, third pen, Clinton Morning, Rural Route 8, Madrid, Iowa.

100 SCOREDS, C. W. and B. Leghorns 93 to 95½ both sexes, 33 firsts, 28 seconds, sweepstakes pen over all. Pekin ducks, Scotch Collie pups. Write wants. Sven Skele, Story City, Iowa.

## MISCELLANEOUS POULTRY.

BLUE Ribbon Poultry Club won this winter 40 1st premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Sebright and Black Tail Japanese bantams, Bronze turkeys, Rouen ducks. Stock for sale. Eggs in season. (Catalog free. W. I. Carpenter (secretary) Clarinda, Iowa.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

WANTED, to buy a large number of Cornish Indian Games, Minorcas, R. C., R. I. Reds and Houdans. Write describing what you have giving lowest price. Deau Swift Poultry Co., Des Moines, Iowa.

NEW 40-page catalog, 2c. If you are looking for beautiful stock I have them at a very low price. Geese, ducks, turkeys, guineas, pea fowls, chickens. F. J. Daumann, Farmington, Minn.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianola, Iowa.

TWENTY-FIVE breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Mapleton, Minn.

EGGS looked for spring delivery from our Toulouse geese and Pekin ducks. Goose eggs 20c. each, duck, \$1.50 per 15. J. O. Walton, Belle Plain, Iowa.

FOR SALE—Good laying strain, Buff Rocks and Rhode Island Reds. Prices reasonable. J. J. Peterson, Route 1, Garwin, Iowa.

FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Aledo, Ill.

PURE Black Langshans and Rose Comb Brown Leghorns, one dollar each. Mary McClure, Elk City, Kan.

## DOGS.

SCOTCH COLLIE male 7 months old, sable with full white markings. This is a beautiful Collie; will ship on approval. First draft \$20 gets him, pedigree with sale. Fine puppies, males \$8, females \$5. S. W. Harr, Riverside, Iowa.

SCOTCH COLLIE DOGS—Puppies from best imported strains. Write for our new catalog. Several good studs at service. Geo. T. Underhill, Knoxville, Iowa.

RATS, my Scottish Terriers will make them git. Fine pups, make good ratiers; males \$10, females \$7. Pedigree with sale. S. W. Harr, Riverside, Iowa.

FOR SALE—Some choice Collie pups from working parents. Males, \$7; females, \$5. Leroy A. Hayes, R. F. D. 7, Knoxville, Iowa.

PEDIGREED Scotch Collies for sale at reasonable prices. John Egan, Cumming, Iowa.

## HORTICULTURE.

FOR SALE—175 black walnut trees varying from 15 to 30 inches in diameter at butt, also 9 Bronze-toned turkeys weighing from 22 to 30 lbs. and 20 Barred Rock cockerels weighing up to 10 lbs., same scored. M. V. Leeper, Redfield, Iowa.

SEED CORN, Oats and Clover Seed. Only stock from heaviest yielding varieties offered for seed. Satisfaction guaranteed or money refunded. Illustrated catalog free. Oklahoma Seed Farm, Box 22, Chatham, Ill.

KHERSON SEED OATS—600 bushels for sale; 40 cents a bushel while they last. Bugs 20 cents. John T. Svenson, Gowrie, Webster Co., Iowa.

SEED OATS—Swedish Select oats. Choice stock. Samples free. Alfred Danielson, Black River Falls, Wisconsin.

## LEGAL ADVICE.

MY opinion on any legal point for one dollar. Be sure you are right then go ahead. Chas. Franklin, Lawyer, Truesdale, Iowa.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

G. C. KENNEDY, Patent attorney, Waterloo, Iowa. Write for booklet.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

\$300 FOR POEMS. Write for particulars. Orpheum Music Company, Dept. G, 1183 Broadway, New York.

## AGENTS WANTED.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

## WANTED.

WANTED—Two milkers, no farm work, \$40.00, room and board. Two farmers, no milking, \$35.00. One experienced wagon man, must understand Sharples separator, no milking, married or single, \$40.00. One woman cook, 10 to 15 men, city conveniences in house, \$30.00. H. C. Burgess, Box 846, Helena, Montana.

MEN AND WOMEN Agents wanted to sell women's \$2.50 Comfort Shoes, Julets, Bals., Oxfords, Splendid profits. Write Restwell Shoe Co., Dept. B, 316 Union St., Lynn, Mass. Reference: Mrs. Nat'l Bank, Lynn.

POSITION wanted as Buttermaker. Ten years experience; thoroughly experienced on whole milk and hand separator plan. State wages in first letter. Enos Albertson, Calvin, North Dakota.

WANTED—Single man for general farm work, April 1st to December 1st; wages \$35. Workers only apply. References required. Coal Harbor Stock Farm, Coal Harbor, North Dakota.

WANTED at once, sober, reliable, English speaking farm hand, good milker, references. State age, experience and wages expected. Address, C. G. Odell, Morrison, Ill.

WANTED—Man by the month on eighty acre farm. Owner not able to do the work. Please state wages wanted. W. R. Stamm, Route 1, Sycamore, Illinois.

## REAL ESTATE.

A CATTLE RANCH FOR SALE—480 acres joining the town of Cascade Springs, Fall River county, South Dakota, at twelve dollars per acre. Contains two thousand dollar dwelling, cistern, springs and plenty of timber. It is so located in a horseshoe bend of hills as to control a large tract of other land. A bargain. Write J. W. Fargo, Deadwood, S. D.

FOR sale, Vernon county, Mo., 920 acre stock farm, highly improved, abundantly watered, seven miles to good market. Here is an opportunity for a lively stock man, price \$53,500, half cash, balance on time at 5%. J. Fred Woltz, 3946 A Botanical av., St. Louis, Mo.

FARM for 10 cents. Send me 10 cents in silver and I will send you a booklet telling you all about how to get free homestead of 160 acres in western Canada. Also sample of wheat which yielded 5 bushels per acre. J. A. Dobry, Killam, Alta, Canada.

FOR SALE, fine improved farm of 322 acres in Brown county, S. D., all ready to move on, 200 acres fall plowed, new buildings, concrete cellar, artesian well, 1 mile from station and 3 elevators, \$45 an acre. A. Kozlowski, 74 Leopore St., Buffalo, N. Y.

BAIGAIN if sold before April 1st, northern Wisconsin, 160-acre farm, 62 under cultivation; 3 miles from two stations; new 6-room house, stone cellar, good water, markets, schools and roads. \$2,200, full particulars. E. Gabelein, Hayward, Wis.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce Bldg., Minneapolis, Minn.

WRITE for information regarding Central Missouri. Fine prairie farms, Open Timber Pasture, Fruit, Mineral and Coal Lands. Cheapest in country. Crewson & Harrison, Versailles, Missouri.

FOR SALE—In Seymour County, Kan., 74 acres Neesho River bottom land, 90 miles from Kansas City. Near two railroads, fenced in two lots, \$40 an acre. Milo J. Owens, owner, Barton, Vt.

WE HANDLE bargains only. 446-acre farm, all fenced, good buildings, rich, smooth land, \$50.00 per acre. Cheap farms \$5.00 per acre up. Write for list. Springfield Realty Co., Springfield, Mo.

162 ACRES \$3,000, adjoining Lansing, Iowa, population 1,700; part cultivated, balance wood and pasture. Good dairy proposition. A. Woodruff, 1510 23d St., Des Moines, Iowa.

BIG BARGAINS—Kay County lands, 160 acres, smooth, less than \$40.00 per acre; 160 acres, smooth, less than \$35.00 per acre. Write Chas. E. Vogele, Newkirk, Oklahoma.

CHEAP, OWNER DEAD—You should write for list describing the best 220 acre farm, stock and machinery in Wisconsin. Jonas Bergh, 504 Eddy St., Eau Claire, Wis.

IF YOU WISH to sell or buy real estate send description and price. If you mean business, your wants can be supplied. Write today. A. W. Baird, Marine, Iowa.

FOR SALE—Farms, Reno and adjoining counties, ranches, west, special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

BELLEVUE & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

A GOOD improved 160 acres, 1 mile from Devon, Harbison county, Kan. Railroad at Devon. Price \$35 per acre. S. S. Jordup, Wenonah, Ill.

\$1400 Buys good 160 acres. Stock, crop implements; good soil; southern Mo. McGrath, 2940, Prairie, St. Louis.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

COME to the land of the big red apple, best fruit, farming and stock country in America, lots game and fish, no negroes, best water in the world, excursions first and third Tuesdays in each month, expenses free to buyers, first payment, \$200 to \$600 down and \$100 a year. Davis Bros. Realty Co., Richland, Pulaski county, Missouri.

420 ACRES, 4 miles from Clinton, Mo., 2 miles north of Deepwater. All level or gently rolling black prairie. All cultivated except 2 acres timber and 60 in grass. Fenced with hedge and wire, school on land, two houses, but both wanting repair. A fine farm and cheap, \$16,800. H. C. Schmidt, Clinton, Missouri.

320 ACRE FARM in Sherman County, Kansas 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

160 ACRES, 2 miles from Severy, Greenwood county. Nice smooth land, 125 acres cultivation, 30 acres tame grass, well fenced, house 7 rooms, good barn and other out buildings, good orchard, 2 wells, wind pump, \$40.00 per acre. Write L. E. Glasco, Severy, Kansas.

TEXAS LAND in Panhandle for sale at a bargain. 640 acres, four miles from McClain, Donley county, all good, smooth, rich, farm land, 100 acres broke, good water, one-third cash, balance five to ten years' time. Thos. J. Pugh, Omaha, Neb.

FOR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

EIGHTY ACRES, 1½ miles from Davis, Lincoln County, Mo., 50 acres in fruit. The best winter apples. Balance very fine young timber. A fine home and cheap; \$4,500. H. Boldy, Henrietta, Texas.

FOR SALE—640 Acres A 1 wheat land. Saskatchewan, Canada. All available. Three miles from town. For price, terms, write John McKenzie, Box 162 Alisa Craig, Ont., Canada.

TWENTY-FOUR ACRES at Britt, Iowa, suitable for dairy or poultry farm. No dairy in Britt. Will sell or rent on long time. Address, J. W. Budd, Des Moines, Iowa.

120 Southern Missouri; horses, cattle, crops, farm implements; \$1,500. Seth Cooper, Blanche, Douglas Co., Missouri.

## MISCELLANEOUS.

FARMERS AND SWINE BREEDERS: Brothers—After 50 years' experience I have discovered that it is better to put one dollar's worth of practical knowledge in our heads than hundreds of dollars invested in slum stock foods or medicines in our hogs. A good swine tender like the good shepherd will succeed. Know how to do for yourself and get Smith's unequalled treatise on Swine Culture, essays, advice, receipts and formulas of quality not quantity. Work right and prevent disease, then there will be no need of trying to make impossibilities come true. This valuable treatise sent by mail upon receipt of \$1. Remit by P. O. order or registered letter to Francis Smith, Lock Box 616, Des Moines, Iowa.

LADIES—Entirely new thing in picture making. You can become an artist at once. No previous knowledge necessary. Practically no expense; make your home beautiful. Surprise your friends. Send 10c. silver; we'll do the rest. Pierce's Art Co., 115 N. Burdick St., Kalamazoo, Mich.

25 fine photos from any photograph 25 cents, size 1¼ by 1½ inches. 15 nice post cards from any photograph 75 cents. Photographs returned unharmed. Satisfaction guaranteed or money refunded. Write plainly, Newlon Photo Co., 1369 East Ninth St., Des Moines, Iowa.

SOLDIER'S Civil war if you filed on a homestead of less than 160 acres before June 20, 1872 and have never used the additional right, write me all about it. I will give you additional right. W. J. Allen, 1331 E. 9th St., Des Moines, Iowa.

HARNESS, saddles, collars, etc., direct from manufacturer to consumer at wholesale prices. Send for circular and convince yourself. Save middleman's profit. H. C. Pwold Harness Co., 1614-1618 Seventh St., Louisville, Ky.

FARMERS, use printed stationery. We send you postpaid 100 envelopes and 100 notepaper, printed to your order, for 75 cents. Cheaper than you can buy the blank paper. Neatly boxed. Williams, printer, Marshall, Wis.

HEAVES—English Heave Remedy, new and only scientific cure of heaves and coughs. Send ten cents for trial package. Regular size one dollar. Chambers Mfg. Co., P. O. Box 315, Rochester, N. Y.

DISINFECTANT Fly and Lice Killer, Easily applied. Does the business. What you want for on everything. \$1.00 per gallon. Guaranteed. Dr. J. H. Phillips & Sons, North East, Pa.

START a factory on the farm. No machinery to buy, honorable, clean, profitable. We do it now free. DeHass Supply Company, Dept. "R" 325 Mt. Vernon St., Philadelphia, Pa.

SHIP your hides and fur to H. Gutman & Co., where you will get the highest market price for same. 106 Second street, Des Moines, Iowa.

FREE—A beautiful Family Record if you send 10 cents for Our Homes one year and addresses of three farmers. Address, Our Homes, Dubois, Neb.

FOR SALE—Six-horse Leffel portable engine, all most new, \$150. D. A. Steiner, Bern, Kan.

WHAT have you to sell or exchange? Do you want to buy, sell or trade farm or grazing lands? Do you wish to sell live stock, dogs or other pets, poultry, poultry supplies, machinery, new or second-hand, implements, musical instruments, merchandise, in fact anything that the farmer wants? If so, the best way to accomplish your purpose is by inserting an advertisement in the classified department of this paper. Only five cents a word for an advertisement in the greatest group of farm papers in the world, with 190,000 guaranteed circulation, covering the states of Iowa, Wis., Minn., South Dakota, Ill., Neb., Missouri, Kansas and Oklahoma. For further particulars, see announcement at top of this page.



## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## PROFIT IN VEAL CALVES.

A subscriber from Cherokee county, Iowa, sends the following communication:

We have here 100 cows for the purpose of supplying milk. The calves sired by our Short-horn and Hereford bulls we can sell readily to the farmers near by for \$5 for the bulls and \$3.50 to \$4 for the heifers at three days old. In order to increase the quality of our milk cows we bought a Holstein bull a year ago and intend to raise some of his heifers, but now we find the farmers do not care to buy the bull calves sired by the Holstein bull, and the question is what to do with them. We have thought of vealing them, and here is the result of our experience with the first one: Thirty-two pounds of milk per day at one cent per pound, or thirty-two cents per day for feed. We kept this calf until thirty days old, which made it cost us for feed \$9.60. It dressed seventy-four pounds of veal, which at ten cents per pound is \$7.40, and fifteen pounds of hide at eleven cents per pound is \$1.65, total \$9.05. The question is, "Is there something the matter with our figures or should we have killed the calf at birth and fed it to the hogs?" As this is to be a regular thing for us we will be pleased to have you give us your views on the subject.

It looks as though there must be some mistake about the quantity of milk consumed by this young calf during the first thirty days of his life; indeed, the average calf would not consume more than half this amount and in all probability the results mentioned by this subscriber have been obtained by guess and not by weight.

Nevertheless, it is a question whether there is any profit in handling vealers, especially vealers of the dairy type, and where one is engaged in raising grades, as is the case in this instance, we believe that at the present price of dairy products death should follow quickly the birth of a male calf. As these cows are being kept for milk purposes and not for veal or beef making, it will unquestionably pay to simply keep it on that basis. Of course it would change the situation entirely if the cows themselves were pure-breds, because there would then be some market for the male calves.

## Side Helps to the Balanced Ration.

To the Editor of The Homestead:

The balanced ration is absolutely essential to the economical production of milk; but, while this is true, the balanced ration will not be nearly so effective when the cow is poorly sheltered, abused or irregularly milked, fed or watered as it would be were all these rules observed.

Therefore, I feel that the articles I have written on dairy rations would not be complete without adding the side

helps. Take, for instance, the matter of shelter. The dairy cow is delicately organized and cannot withstand the chilly blasts of winter and the cold spring and fall rains and produce milk economically. The fattening animal converts a great deal of its food into fat and can withstand cold and inclement weather without difficulty. If compelled to, the milk cow will do the same, but her purpose is not to produce beef. I can look back, not altogether without remorse of conscience, to the time when I used to compel my dairy cows to run in the stalks every day except the stormiest days, when I thought I was very merciful to fill the racks with hay and leave them in the lot.

I never thought of keeping them in the barn during the day as I did my horses. Oh, no! that would cause too much cleaning. But we do learn a few things by dear experience, and when I found that my cows were not even paying for the feed they consumed I began looking around for the cause. I subscribed for the best dairy papers, secured all the bulletins I could bearing upon experimental feeding and care of dairy animals, and I soon found that I had been on the wrong track.

I first began stabling my cows night and day and starting them on a balanced ration on the seventh day of January. I was at that time low on milk and thought it a good time to experiment. I was only milking four fresh cows and two strippers. They were only giving eighty-five pounds a day. By stabling night and day, except when they were turned out to water, and feeding a balanced ration they increased their flow by January 20th to 144 pounds per day. At this time other fresh cows were added, so we did not continue the experiment longer; but, suffice it to say, they made material improvement in their flow after this for some time and maintained their flow throughout the winter. The best cows I had, I had been condemning simply because they had not had a chance to show their ability.

Experiments along this line at the Indiana station show that three cows, kept in a warm barn at night and turned out in a lot in the daytime, produced, in forty-eight days, 161 pounds less milk than a like number of cows kept under the same conditions, except that they remained out only an hour each day. The better sheltered cows ate less feed and gained 231 pounds, while the exposed cows lost thirty-three pounds in live weight. When we notice also from this experiment that these exposed cows were partly sheltered from the winds by an open shed in the day time and had a comfortable barn at night, it does not require a very fertile brain to figure

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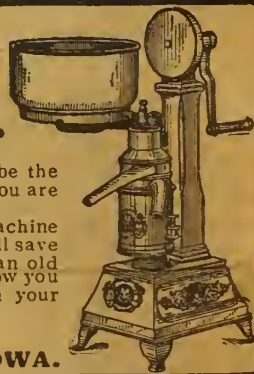
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is a step in advance of all others. We guarantee it to be the lightest running and most convenient machine made. If you are needing a separator, why not get one up-to-date?

We have fewer parts to wear out, therefore it is a machine of longer life. It will not only save all your cream, but it will save your strength. Why buy a man-killer? If you are using an old style machine that is wearing you out to run it, we will allow you what we can for it, in order to introduce our machine in your neighborhood.

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**LISLE MFG. CO., Box 39, CLARINDA, IOWA.**



out the reason why many cows on our farms are not economical producers. There are other side helps, such as plenty of light in the barn, ventilation, etc., of which we have no data, but which are essential just the same.

Our purpose, however, in these articles is to bring out the improvements which any farmer can make with very little extra cost and will put dollars in his pockets. Of course there are some cows that no amount of care or scientific feeding would make profitable milkers, but, my dear fellow farmers, before you condemn your most faithful servants, give them a chance to redeem themselves and I will guarantee you will be blest in the act. O. O. Brewbaker.

**Raising Dairy Calves.**

To the Editor of The Homestead:

Among dairy cows the best practice is to remove the calf from the cow within twenty-four hours after its birth and at once teach it to drink. This separation may be delayed until the dam's milk assumes the normal condition, but, as a rule, the earlier the calf is taken in hand and its feeding regulated the better for the calf. The younger it is the easier it learns to drink.

It is also better for the dairy cow to be regularly milked by hand than to suckle a calf. The milk of good cows is often too rich for their calves, and the latter are apt to take too much if left to help themselves. There is no truer thing in my experience, and I believe in that of hundreds of others, than that allowing a calf to suck is an injury to the cow. This injury is more or less permanent, according to how long it is continued.

No rule can be given for quantity in feeding calves, they differ so much in size and food requirements. Judgment must be used, the feeding effects observed and the calf given enough to thrive and be

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active, but not too much. More calves suffer from overfeeding than from scant diet. Keep the calf a little hungry and eager for more rather than fill it to dullness. The endeavor should be to prevent the beginning of indigestion, which leads to scouring and perhaps fatal diarrhea. Nothing causes indigestion sooner than overfeeding or irregularity in the quantity, time and temperature of the milk, especially while the calf is young; and absolute cleanliness about the feeding vessels is essential, with frequent scalding. If it can with certainty be kept equally clean, some feeding device which compels the calf to suck its milk instead of swallowing rapidly is preferable to the open pail.

The practice of feeding calves by means of what is termed a "calf-feeder" is growing in popularity among the dairymen. This is a pail arranged with a close-fitting top and a rubber teat upon the top of it, which is connected with a tube having a simple valve at the lower end which lies in the bottom of the pail. The objection to a calf drinking from the pail is that by this means no saliva of any account is

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mingled with the milk. The effect of this fluid in aiding in digestion is well known, and it is a fact, also well known, that calves fatten much more rapidly and better, as a rule, upon the cow than upon the pail, even if they get a pailful of new milk fresh and warm from their dams morning and night. A good many calves become pot-bellied by drinking too rapidly. I am certain that skimmed milk taken slowly by the operation of sucking will prove of more real benefit to a calf than to drink it rapidly.

The increased use of milk separators in the dairy sections of the country has resulted in greater attention being paid to raising calves on skimmed milk. It is well settled at this time that practically as large, strong and vigorous calves can be grown on skimmed milk, supplemented by some suitable grain feed, as on whole milk, providing they are properly fed and cared for. There is no question but that whole milk is the normal food for calves, and when the cream or butterfat is removed it becomes necessary to replace it in the calf ration with some equivalent but cheaper form of feed. The calf here referred to is not supposed to be for veal, but to be raised for a dairy cow.

The foregoing treatment should be accompanied by early lessons inducing it to eat sweet hay and a little grain. The sooner it learns to eat hay and the more it eats, the better, but keep up milk feeding as long as possible, if only once a day. Grain should be used, oats, bran and a little linseed to judiciously supplement the other food. Do not turn it onto grass too soon. A fall calf will be in good shape to get its living from pasture the first summer. Fall calves are generally better cared for, thrive better and make better calves than those dropped in the spring.

Our aim should be to produce a cow with a large capacity for consuming and digesting rough fodders. Clover and alfalfa is the best food I know of for this purpose, and we cannot get the calves to eat it too young. From this point to the breeding time we should aim to make the animal grow rapidly without putting on too much fat. It is well to breed the heifer so she will drop her first calf at from two to two and a half years of age. During the first milking period feed the heifer well. Remember, she is not through growing yet, and part of her food must go to building up her frame. The heifer may not give a paying quantity of milk the first year, but this should not deter us from milking her for another year. We must remember that we are establishing character in the heifer, and whatever we teach her to do during the first year of her milking life she will be likely to do the remainder of her life. Long milking is a habit.

J. P. Fletcher.

### Cheesemaking on the Farm.

To the Editor of The Homestead:

Too little cheese is eaten in America and less on the farm than in the city. Ignorance of the nutritive value of a properly made and cured cheese is probably one reason for this. Another reason is that a great many housekeepers do not know how to make cheese and imagine it is a difficult task. How many housekeepers, I wonder, realize that,

pound for pound, cheese contains more nutriment than butcher's meat; that it may with advantage be used instead of it, and especially so, as they may both be called animal food. Where creameries take the milk and are not prepared to make cheese for the patrons, and where there is no factory in the community, it will certainly pay some of the farmers to make enough cheese for themselves and their neighbors, if not for shipment. I do not see why farmers should deprive themselves of one of the cheapest and healthiest luxuries—a well-cured, full-cream cheese, or, the still cheaper, but equally healthy nourishment, a well-made and properly-cured skim cheese.

To obtain the best results when making cheese it is important that the milk should be in the right condition and of the right temperature, also that the right quantity of rennet should be used so as to produce a curd which will develop as desired in the latter stages of the process. Measuring milk or, still worse, guessing at quantity should never be done. The only right way is to weigh the milk. A reliable thermometer is also highly necessary. I will say right here that unless cleanliness is observed in the highest degree, we admit not one, but hundreds of uncertainties into the manufacture of dairy products.

The evening's milk should be strained into common cans or any suitable vessel which, in warm weather, is placed in cold water or otherwise kept cool until next morning. It is a good plan to stir the milk well before going to bed, partly to help it cool quickly and partly to prevent too much cream from rising. Next morning, after weighing the morning's milk, it may at once be strained into the cheese tub. Then pour in the evening's milk and stir well. Any common tub or tight wooden box may be used for cheese tub. If you have an open boiler the milk may be heated in a shot-gun can or a tin bucket, placed right in the boiling water, but it must be stirred all the while unless the temperature of water is as low as 140 degrees, when it may be left alone, though the heating takes much longer if not stirred. This way of heating I have found the best, as it is always necessary to have a large boiler for heating water for cleaning purposes, and it is much safer than heating it over direct fire.

When the milk is heated to 84 degrees, remove the can from the boiling water and add the rennet, yet before adding the rennet we must carefully stir in the coloring. For farm cheese-making rennet tablets are very handy to use. The number of tablets required is one for every hundred pounds of milk. This tablet should be dissolved in pure water and the solution is added to the milk. Stir well for four or five minutes and stir now and then gently on the surface, so as to prevent the cream from rising, but take care to stop in time so that the coagulation be not disturbed. Cover the vat and, if a reliable rennet is used in the right quantity, it may be left about half an hour without any attention. After that it must be watched closely and whenever the curd splits or breaks clean when a finger is passed through it, it is time to cut it. The cutting may be done with any knife long enough (which can be made at home of tin or hard wood). With this the curd is cut crosswise, taking care it is cut right down to the bottom of the vat. Then take a common skimmer, inserting it slowly and then gently lifting it up, allowing the curd to break by its own weight.

When the whole mass is reduced to cubes of two or three inches leave it for about five or ten minutes, then stir the curd gently, breaking up the pieces until they average one-half or one-quarter of an inch in diameter. The curd is now left to settle and as soon as possible part of the whey is dipped off into a can or pail, stir again and when settled, dip off more whey. Keep up this process until the curd feels shotty or the particles are hard enough to rub between the fingers without sticking together. Add good dairy salt at the rate of four ounces to the curd from 100 pounds of milk. Too little salt allows the cheese to ripen too fast and too much salt will make the cheese too dry and prevent its curing properly. Of course the salt must be distributed evenly in the curd.

It is now filled into the molds or hoops. The best hoops are made of heavy tinned iron, but can be made of wood if only care is taken to have it perfectly straight and smooth inside. A piece of cheesecloth is carefully placed in the hoops so as to have the folds as smooth as possible before filling in the curd.

## CLEAN SKIMMING CREAM SEPARATORS

Clean skinning is the first consideration in the purchase of a cream separator. That is what you buy a separator to accomplish. But there are two kinds of clean skinning. One is under ideal or favorable conditions—warm milk, from fresh cows, running thin cream, with reduced capacity. The other is under practical every-day farm use conditions—with milk sometimes warm and sometimes cool, cows as they come, cream as heavy as possible instead of as thin, and capacity large so that the work is finished that much more quickly.

These two kinds of clean skinning mark the first great difference between the DE LAVAL and other kinds of cream separators. There is a small but material difference between the DE LAVAL and the other kinds of machines under favorable conditions. There is a BIG difference under the practical every-day use conditions,—the difference between the "ALPHA-DISC" system and other superior constructional features of the DE LAVAL machines and even the best of other separators.

This is the difference which of itself saves the cost of a DE LAVAL farm machine in six months or a year, and in creamery use several times a year, with the result that 98 per cent of the world's creamery separation today is done with DE LAVAL machines. A DE LAVAL catalog makes plain the REASONS for this difference and is to be had for the asking.

**THE DE LAVAL SEPARATOR CO.**  
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General Offices: 173-77 WILLIAM STREET MONTREAL  
14 & 16 PRINCESS ST. WINNIPEG  
74 Cortlandt St. NEW YORK.  
107 FIRST STREET PORTLAND, ORE.

When it is full the edges of the cloth are laid smoothly over the lid or follower is put on.

This cheese is usually pressed about twenty-four hours. After two hours it should be turned and the cloth changed. The pressure must be about 500 pounds for a ten-pound cheese. When taken from the press it is bandaged by sewing a piece of cheesecloth around it. The room should be well ventilated, but without draft, and the temperature considered best is between 50 and 60 degrees. The cheese should be turned every day during the first month and twice a week during the next month. It is not considered fit for eating until it is three months old, and should improve until it is ten or twelve months old.

Anna F. Sorensen.

Howard county, Neb.

### TERRIBLE SCALY ECZEMA.

Eruptions Appeared on Chest, and Face and Neck Were All Broken Out

—Cured by Cuticura.

"I had an eruption appear on my chest and body and extend upwards and downwards, so that my neck and face were all broken out; also my arms and the lower limbs as far as the knees. I at first thought it was prickly heat, but soon scales or crusts formed where the breaking out was. Instead of going to a physician, I purchased a complete treatment of the Cuticura Remedies, in which I had great faith, and all was satisfactory. A year or two later the eruption appeared again, only a little lower; but before it had time to spread I procured another supply of the Cuticura Remedies, and continued their use until the cure was complete. It is now five years since the last attack, and have not seen any signs of a return. I have more faith in Cuticura Remedies for skin diseases than anything I know of. Emma E. Wilson, Lincoln, Iowa. Oct. 1, 1905."

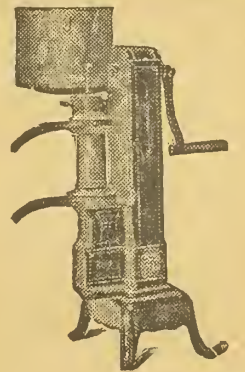
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this winter? There will be an especially low rate during March and April—colonists' second-class one-way tickets \$33 from Chicago. A corresponding reduction in rates will be made from all points on the North-western Line.

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The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write today and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

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30 Days' FREE Trial

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### NATIONAL Cream Separator

will save you lots of hard work and valuable time now spent in "setting" milk. Saves waiting, washing pans, and waste.

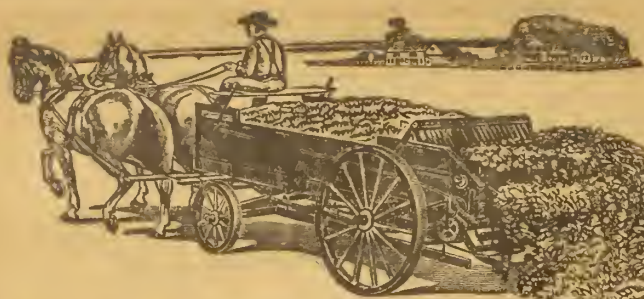
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I Will Sell You on Time

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We want you to be satisfied. You must be perfectly sure or no sale! We take all the risk. To prove that our Spreader will do all we claim, we say to you—"Test the AMERICAN in your own fields. Use it for 30 days. If it isn't as good as represented, send it back at our expense." The trial will cost you absolutely nothing. We make the AMERICAN. We know just how good it is. If we were not perfectly certain that it would do your work better, easier and cheaper than any other Spreader, we could not afford to make you this liberal offer.

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Don't fail to do it. I have exactly the right Spreader for you at a price that will suit you. You have everything to gain—nothing to lose—by writing at once for my Free Spreader Catalog, and Special Booklet about Fertilizing. You'll be interested in both. You'll be glad that you wrote. It will be big money in your pocket. An AMERICAN MANURE SPREADER will make your manure cover more ground, your ground grow more crops, your crops sell for more money, your land worth more per acre. If you need a Spreader, you want the best. No use fooling with a poor machine, when you can buy the AMERICAN at my special low wholesale factory price—saving you a large percentage—direct from the factory, on the most liberal terms ever offered.

Remember.—The American is the BEST MANURE SPREADER in the world; you get 30 days' practical field test before final sale is closed; you can buy on easy payments, if you like; we pay the freight; we guarantee the American;—what more COULD you ask?

A postal will bring you full information. Write it today—right NOW while you're in the humor. Address it to me. I'd like to deal with you personally. Yes,—that's just the way I feel about it!

W. W. Collier, Gen'l Manager,  
American Harrow Co 146 Hastings St. Detroit, Mich.

### Hale's Duroc Sale.

The sale of Duroc Jersey bred sows held by Mr. B. W. Hale, at his farm near Laddonia, Mo., on February 14th, was fairly well attended by breeders and farmers. No high prices were paid and only twice was the \$100 mark passed. Perfect Gold Dust 33d went to Mr. T. E. Laurie, of Jacksonville, Ill., at \$112, the top price of the sale. On the cataloged stuff an average of \$36.50 was made. Several extras were sold, but at prices below the average. The day spent at Mr. Hale's will be one long to be remembered by visiting breeders, as it was St. Valentine's day and a happy surprise had been arranged by Mrs. Hale. The table set for the visiting breeders was loaded with the most appetizing delicacies. At each plate a valentine suggestive of the occasion and a "pig" souvenir was laid and a happier or a more jolly dinner party is seldom seen. Even the senior Mr. Kraschel and Mr. Baxter, of Buddy K. 4th fame, joined in the merriment and might well be classed among the younger colts on the trip. All joined in a jolly toast to Mr. and Mrs. Hale and voted Mrs. Hale the banner entertainer of the "Show Me" state. Following is a list of all sales over \$25:

Lot.	Price.
1. T. E. Laurie, Jacksonville, Ill.	\$112.00
2. J. J. Boyd, Reeds, Mo.	110.00
3. Maupin & Applegate, Shelby, Mo.	36.00
4. E. J. Daniels, Gilliam, Mo.	37.00
5. R. M. Shannon, Vandalia, Mo.	39.00
6. John Hobson, Laddonia, Mo.	31.00
7. Dr. O. H. Treadway, Clarksville, Mo.	31.00
8. E. J. Daniels	28.00
9. Same	28.00
10. T. E. Laurie	61.00
11. Same	65.00
12. Dr. O. H. Treadway	42.50
13. Same	31.00
14. R. M. Snoddy, Armstrong, Mo.	30.00
15. F. H. Daniels, Gilliam, Mo.	29.00
16. Herman Rice, Norman, Okla.	43.00
17. F. H. Daniels, Gilliam, Mo.	28.00
18. H. L. Stites, Pilot Grove, Mo.	61.00
19. M. L. Gonescheck, Martinsburg, Mo.	39.00
20. Dick Shannon, Vandalia, Mo.	40.00
21. R. M. Snoddy	29.00
22. G. B. Klarenback	28.00
23. T. B. Brown, Shelby, Mo.	36.00
24. R. M. Shannon	26.00
25. Same	28.00
26. Paul Prichett	30.00
27. Mrs. A. Fisher, Kansas City, Mo.	38.00

### Riggin & Rogers' Sale of Durocs.

Messrs. Riggin & Rogers, of Petersburg, Ill., opened the Illinois and Missouri sale circuit on February 12th. This was Messrs. Riggin & Rogers' first sale. A few older breeders were present from a distance. These with a number of local breeders and a big local crowd filled the barn in which the sale was held. Practically every animal sold was bred by Messrs. Riggin & Rogers and the average of \$40.32 on the forty head sold shows a nice profit. Farmers in the neighborhood of Petersburg bought a number and Messrs. Riggin & Rogers deserve the

support received from the farmers in their vicinity. Mr. B. W. Hale, of Laddonia, Mo., topped the sale, paying \$77 for Lot 1, an Arbitrator sow bred to Gold Finch. Colonel Fred Reppert conducted the sale in a most satisfactory manner. Following is a list of all sales:

Lot.	Price.
1. B. W. Hale, Laddonia, Mo.	\$77.00
2. Henry Onken, Mason City, Ill.	41.00
3. T. F. Wubben, San Jose, Ill.	34.00
4. Howe Williams, Athens, Ill.	37.00
5. E. F. Litter, Litterberry, Ill.	40.00
6. Cbas. E. Smoot, Petersburg, Ill.	52.00
7. Fred Ayers, Athens, Ill.	35.00
8. S. M. Elkins, Bloomington, Ill.	37.00
9. Perry Dixon, Petersburg, Ill.	39.00
10. T. F. Shetterly, Lapell, Ill.	41.00
11. Henry Onken	37.00
12. R. Williamson, Petersburg, Ill.	30.00
13. N. Prim, Athens, Ill.	33.00
14. Gaines Welch, Petersburg, Ill.	39.00
15. H. Williams	35.00
16. G. A. Waring	31.00
17. Ellen G. Henline, Lexington, Ill.	42.00
18. E. L. Wilhart, Colfax, Ill.	41.00
19. G. A. Waring	36.00
20. B. Nollach, Petersburg, Ill.	40.00
21. L. Cross, Mason City, Ill.	40.00
22. Paul Baker, Petersburg, Ill.	39.00
23. J. Buckley, Petersburg, Ill.	39.00
24. Maupin & Applegate, Shelby, Mo.	94.00
25. L. W. Cross, Mason City, Ill.	82.00
26. Ellis G. Henline, Lexington, Ill.	63.00
27. Perry Dixon, Petersburg, Ill.	36.00
28. E. A. Waring	35.00
29. A. Contrell, Athens, Ill.	30.00
30. Perry Dixon	30.00
31. A. Contrell	28.00
32. Perry Dixon	31.00
33. G. A. Waring	31.00
34. Same	37.00
35. Geo. Wemling	24.00
36. T. A. Laurie, Jacksonville, Ill.	40.00
37. A. Kline, Athens, Ill.	27.00
38. Gaines Welch	34.00
39. Cecil Henline, Towanda, Ill.	40.00

### Schwab Makes Good Sale.

A good crowd of breeders and farmers from Nebraska and Iowa were in attendance at the Geo. W. Schwab sale at Clay Center, Neb., on February 11th, and an average of \$34.25 was made. The offering was small in numbers, and had it not been for a number of late summer pigs being included the average would have reached the \$45 mark, as all the larger stuff sold well. Mr. Geo. M. Boddie, of Edgar, Neb., was the most prominent among the buyers, purchasing most of the top sows. Below is a list of those selling for \$30 and over:

Lot.	Price.
1. Geo. M. Boddie, Edgar, Neb.	\$50.00
2. Same	34.00
3. Same	30.00
4. Same	52.00
5. David Loudon, Clay Center, Neb.	30.00
6. Geo. M. Boddie	32.00
7. S. A. F. Mauch, Clay Center, Neb.	30.00
8. D. V. Curry, Harvard, Neb.	40.00
9. P. A. Brim, Harvard, Neb.	35.00
10. H. B. Loudon, Clay Center, Neb.	40.00
11. Geo. M. Boddie	92.50
12. Wm. J. East & Son, Clay Center, Neb.	47.50

### W. J. East & Son Make \$44.80 Average.

The sale of Duroc Jersey bred sows made by Messrs. W. J. East & Son, of Clay Center, Neb., on February 13th, was well attended by breeders and farmers from Nebraska, Iowa and Kansas, and an average of \$44.80 was made on the entire consignment. The top price paid was \$150 for No. 1 in catalog, a fine gilt by Improver II. out of Countess, the highest-priced sow ever sold in Kansas. She was sold to Messrs. Ward Bros., of Republic, Kan., and a bright future is predicted for her. Below is a list of those selling above the \$35 mark:

Lot.	Price.
1. Ward Bros., Republic, Kan.	\$150.00
2. Geo. Schwab, Clay Center, Neb.	85.00
3. Same	51.00
4. J. W. Graves, Bladen, Neb.	42.50
5. C. E. Inglesby, Hastings, Neb.	71.00
6. Edward Gilbert, South Omaha, Neb.	50.00
7. L. H. Page, Friend, Neb.	36.00
8. M. F. Marymee, Bladen, Neb.	53.00
9. B. J. Dunn, Trenton, Neb.	47.50
10. J. B. Hendrick, Glenville, Neb.	35.00
11. L. R. Alibirding, Glenville, Neb.	35.00
12. James Cooney, Clay Center, Neb.	35.00
13. Edward Gilbert	50.00
14. L. H. Page	35.00
15. B. J. Dunn	35.00
16. Same	46.00
17. James Cooney	37.00
18. A. A. Galt, Edgar, Neb.	37.00
19. Chas. Mitchell, Edgar, Neb.	35.00
20. C. Wineberg, Glenville, Neb.	35.00
21. H. B. Loudon, Clay Center, Neb.	49.00
22. B. J. Dunn	41.00
23. A. A. Karschner, Wilcox, Neb.	65.00

### T. E. Laurie Has a Good Sale.

Mr. T. E. Laurie, of Jacksonville, Ill., held a most successful sale of Duroc Jersey bred sows on February 13th. Breeders from the Riggin & Rogers sale of the day before were joined by fully a dozen new arrivals. Mr. Laurie had promised the boys a good lot of hogs and that they were not disappointed is proven by the average of \$67.52 on the entire number sold. The top of the sale was \$212.50, paid by Messrs. Thomas & Hogsett and Fagin, Browning & McCabe, Golden, Ill. Upwards of ten head sold at prices ranging from \$100 up to the top. Many good bargains were sold in Mr. Laurie's sale and buyers will undoubtedly make good money on their purchases. Colonel Reppert did the selling in his usual satisfactory manner. Following is a list of all sales:

Lot.	Price.
1. W. R. Deffrees, Smithville, Ill.	\$135.00
2. E. S. Weeks, Griggsville, Ill.	125.00
3. B. W. Hale, Laddonia, Mo.	105.00
4. Dave Canady, Jacksonville, Ill.	31.00
5. McGaffine, Little Indian, Ill.	195.00
6. W. R. Deffrees	85.00
7. S. Archer, Pittsfield, Ill.	42.00
8. E. S. Weeks	85.00
9. E. J. Sweeney, Bloomington, Ill.	32.50
10. Dave Canady	36.00
11. H. Day, Kern, Ill.	55.00
12. Sub.	35.00

16. Mr. Chenoeth	34.00
17. Boys' Industrial Home, Quincy, Ill.	37.00
18. Thomas & Hogsett and Fagin, Browning & McCabe, Golden, Ill.	212.50
19. Fred Kraschel & Son, Macon, Ill.	190.00
20. G. W. Seckman, Ripley, Ill.	157.50
21. Saunders & Yeck, Concord, Ill.	53.00
22. E. S. Weeks	40.00
23. E. Aldridge, Roseman, Ill.	92.00
24. John E. Lacey, Virginia, Ill.	47.00
25. E. Litter, Litterberry, Ill.	63.00
26. Maupin & Applegate, Shelby, Mo.	50.00
27. W. R. Deffrees	58.00
28. T. H. Berkensider	45.00
29. Ellis G. Henline	37.50
30. E. J. Whitlock, Murrayville, Ill.	38.00
31. McNeil Bros., Bowen, Ill.	57.50
32. Chas. Day, Perry, Ill.	70.00
33. Dave Canady	27.00
34. E. R. Simmons, Jerseyville, Ill.	30.00
35. Dave Canady	31.00
36. B. Masters	26.00
37. F. Hungerford, Murrayville, Ill.	29.00
38. E. J. Sweeney, Bloomington, Ill.	31.00
39. Henry Foley, Millwood, Ill.	55.00
40. H. Onken, Mason City, Ill.	50.00
41. C. J. Chenoweth, Griggsville, Ill.	32.00
42. B. Masters, Murrayville, Ill.	30.00
43. C. J. Whitlock	41.00
44. Ech & Saunders, Concord, Ill.	46.00
45. McNeil Bros.	40.00
46. Phil Cleary, Jacksonville, Ill.	29.00

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For full information apply to nearest agent of the North-Western Line.

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Commencing March 1st and continuing until April 30th the Minneapolis & St. Louis R. R. will have on sale reduced rate one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System.

Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$2.00, addressed as above.

LAW QUESTIONS CONSIDERED.

UNDELIVERED DEED.

A Subscriber, Corydon, Iowa.—A and B were husband and wife. A died. B deeded land to their children, but did not deliver the deeds, and will hold them until she dies. One of the children is a son who is married and has money in bank. In case he should die without children, while his mother is alive, what portion of said land and of said money would his wife be entitled to by law?

Answer.—None of the land, because the deed would not be delivered. Title did not vest in the son. A deed takes effect from delivery. The son's wife would be entitled to her widow's allowance out of the money in bank, and then one-half of the balance, other half going to the son's mother.

CONVEYANCE—HUSBAND AND WIFE.

A Subscriber, Walker, Iowa.—A and B are husband and wife. They own 200 acres of land. A talks of selling the land, but B is not in favor of it. Can A sell and convey the farm against the will of B?

Answer.—We assume, of course, that the title to the land is in the husband's name. If it be a homestead or includes a homestead, both husband and wife must execute the deed of conveyance to make it valid. If it be not a homestead, and does not include one, then the husband can convey it without his wife's consent, but such conveyance will be subject to the wife's distributive share of one-third, provided she outlives her husband.

HOMESTEAD ENTRY—LAND WARRANT.

A Subscriber, Richmond, Kan.—(1) A filed a homestead claim on 160 acres of government land in Colorado, in November, 1906, and intends to make it his future home, but cannot at present make a living on it for his family. Can he live on the claim himself and leave his family working in another state, sending him money to help along with the improvements, and hold his claim under the homestead law? (2) Can A purchase a soldier's government land warrant and apply it on his homestead entry, and get patent for the same at once? (3) Does such a land warrant require residence on the land for any length of time?

Answer.—(1) He can hold his claim under such circumstances. If the homesteader himself resides on the claim, although his family be absent, it is sufficient. (2) He cannot apply a bounty military land warrant on a homestead entry. He can locate government land with the land warrant, but cannot mix it up with a homestead claim. (3) It does not.

HOMESTEAD—CITIZENSHIP.

An Oklahoma Subscriber.—A and B are father and son. A came to this country from Germany when the son was three years old. When B was five years old A took out his first naturalization papers, but has not since then taken out his second papers. Must B take out his second papers before he can prove up on land as a homestead in either Kiowa, Comanche or Apache counties in Oklahoma?

Answer.—B can make a homestead entry after he has filed his declaration of intention to become a citizen of the United States—first papers, so called—but he must become a citizen fully natural-

ized before he can prove up and get a patent.

STALLION SERVICE FEE.

A Subscriber, Diagonal, Iowa.—A bred a mare to a stallion. The service fee was \$10. Afterwards A sold the mare to B with service fee to follow the mare, but did not then know whether the mare was with colt or not. B had a public sale and sold the mare at auction the same way to C, who took her out of the state. The owner of the stallion was present at this sale and saw the sale made, and said nothing. Afterwards he demanded that A pay the service fee. Can he recover the amount from A?

Answer.—The owner of the stallion can recover the stallion fee from A. He need not look to either B or C. He had no contract with either of them. He did not release A, and take in his place as his debtor either B or C. His contract was wholly with A, and therefore A is liable to pay the fee. He may compel B to pay him, and B may compel C to pay him, but the stallion owner looks only to A. The law of Iowa does not provide that the service fee of a stallion shall become a lien on offspring. It is simply a common debt like any other debt.

ROAD DRAINS.

A Subscriber, Lewiston, Neb.—(1) Several years ago the road authorities graded the public road in front of my premises, and made a ditch on the side, and put a culvert there for me to get in and out from my place to the road. The culvert was made of planks and they are breaking down and a new culvert is necessary and the commissioner says I will have to provide it. What is the law about it? (2) If I should neglect to fix it and drive through it as it is, which would turn the water on the road, would I be liable for damages?

Answer.—(1) There seems to be no statute law in Nebraska which specifically settles the question. It is our opinion that the commissioner is correct, and that the adjacent land owner must provide a cover or passage over a drain or ditch made along the roadside, in order to cross it in going to and from the public road, if he wishes one—that is, he cannot compel the dis-

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Double the Capacity of other Mills.

TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs.

I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

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Have you a friend suffering from Cancer? Do them a favor they'll never forget by sending them this ad

trict to provide it. (2) We think not.

NAME—MARRIAGE.

A Subscriber, Nokomis, Ill.—Master A was illegitimate born. His mother afterwards married B and Master A took the name of his stepfather without any process of law. In case he should marry by that name, would the marriage be legal?

Answer.—Perfectly so. Just as valid and binding in every respect as though he should marry by the name of his mother before she married B.

R. F. D. TROUBLE.

An Iowa Subscriber.—Certain false reports in reference to several rural free delivery routes and their patrons have been made to the postoffice department at Washington, and to members of congress, by postmasters, and also by rural agents or inspectors. These reports have been misleading and evasive of the truth. Misrepresentations have been made by postmasters to citizens to induce them to sign petitions for routes, and to congressmen to obtain their influence to get routes established in order to increase the patronage of the postoffices. What can be done about such matters?

Answer.—Probably nothing of any consequence. You might write to the General Superintendent, Free Delivery System, P. O. D., at Washington, D. C., and lay all the facts before him, but most likely nothing would be done about it.

Evergreens in the yard and about the house lend a particularly pleasing appearance to farm premises. They cheer up these cold, dull days and, moreover, make a windbreak that can be secured in no other way. We noticed that a good many fall birds remained with us until late in the winter, for the simple reason that they could roost in the pines.

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It is built strong to last a lifetime. It is easy and safe to run—even a boy can run it. Slices 1/2 to 2 1/2 inches thick—capacity 30 bushels per hour up. With or without elevator which delivers to bin or wagon.

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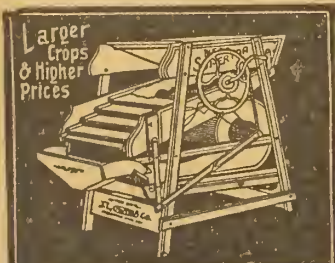
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**Corn**

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### THE HOT BED.

Those who have had experience with the hot-bed, and especially those who have taken sufficient pains in handling it so that their efforts resulted successfully, are loud in their praises of this plan of raising early vegetables.

In his book on "Plant Culture" the late Professor Goff, of the Wisconsin Agricultural College, says that the hot-bed should be from two to two and a half feet deep and that it should be naturally or artificially drained. Heating material of some kind should be made to nearly fill this pit and nothing is better than horse manure, though, of course, it will be an improvement to have this mixed with leaves and other moist vegetable matter.

The heating material should be put in place several days before the pit is desired for use. The manure should be sufficiently moist so that it will generate heat freely, and Professor Goff advises that it be turned over and thoroughly mixed after heating begins. It is generally advisable to erect a frame extending, say, six inches from the surface on the one side and nine inches or a foot on the other, thus giving a slant to the glass top. Of course it goes without saying that the lower side of the frame should be on the south.

Generally, it will be necessary to wait for a few days after the manure is put in until after the maximum temperature point is passed. Indeed, it is not unusual to find instances where the temperature goes high enough to kill plants, and it would be a mistake to have done any seeding before this point is reached.

The manure should be covered with three or four inches of soil and then over this again, of course, is placed glass frames.

As to what should be put in the bed, depends upon the needs of the family. Such vegetables as radishes and lettuce are generally the first sown and of course it is always advisable to start one's tomato, cabbage and possibly the sweet potato plants.

### Problems of the Farmer Starting an Orchard

To the Editor of The Homestead:

There is one warning which should be given every farmer who expects sooner or later to start an apple orchard. It is simply this—begin in time. That is, begin right now, whether the orchard is to be put out this spring, next spring or the next. The matter of starting an orchard should be seriously considered, for unless anyone has had experience, he does not know how many things there are to learn.

Naturally the more one knows about any work the better it can be done. The same is true with the farmer about to start his first orchard. The more years of observation of other people's failures and successes in apple orcharding the better prepared is he to start an orchard of his own. Of course, a farmer does not have the time to become a specialist, but he can learn a great many things about the varieties best suited to his climate and soil, the best location of the orchard, and distances apart for planting; besides, a hundred other points of valuable knowledge and all this information can be picked up at random in one's neighbors' orchards and by reading.

Of the many different problems which the farmer must settle in order to put out an orchard that will sometimes prove a profitable one there are two outstanding ones—namely, what varieties to plant and how far apart to plant them. When once the order has been sent in and the orchard site staked out, the mind can rest fairly easy.

Whether the trees are purchased of a local or distant nursery it is more or less of a confusing task to make selection from the score or more of varieties that are offered and suited to one locality. It is a fact that is fully appreciated, especially by those who have bearing orchards in the northern part of the corn belt that there are all together too many summer varieties of apples. Every fall season finds the market glutted with Wealthy, Duchess and Whitney in a great many localities. Few there are indeed who are not well acquainted with these varieties. A few

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Sold ear or shelled. All graded, tested, proven—then guaranteed. No better at any price. Test it in your sprouting box. If you don't like it—fire it back. You'll get your money back double quick. "Guaranteed-pure" Clover seed. Garden seeds that will really grow. Catalogue and samples free.

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trees of each are very desirable, for they make the first apple sauce of the season. However, they are so perishable that the local market is the only place where they can be disposed of except perhaps the Wealthy, which we know in some parts of the country



around the larger cities are barreled by commission firms, held in cold storage for several weeks until the burden of summer apples has been disposed of, and then placed on the market again, even in some of the very same localities where they were grown. This points out more clearly than ever that more late ripening varieties should be planted. Just what varieties to recommend for each locality is better left to some reliable local nurseryman. South of the

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WE PAY FREIGHT.

SELL direct, guarantee lowest prices, and the finest of everything in Trees, Shrubs, Roses, Evergreens, etc. Send for special cut-rate price list. Free.

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Prime Medium Red Clover per bu. \$7.75

Prime German Millet per bu. 2.80

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Delivered freight paid to your depot.

Bags 20 cents each.

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## SEED OATS.

I have Early Champion Seed Oats for sale. They weigh 36 lbs. to the bushel. These oats are re-cleaned. My seed was treated for smut last spring. They are best for seedling grass and clover. Write for sample and testimonials. Address, G. Gregory, Ralston, Carroll Co., Iowa

## 300,000 RED CEDARS.

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list.

GARLAND & FOWLER, Atton, Iowa

## Wanted:

Two married men for orchard and farm work. Separate house and garden for each. No booze fighters or cigarette fiends need apply. Address, N. C. Dunlap, Manager Watson's Ranch, Kearney, Nebraska.

A Gentleness wanted to introduce Burbank's wonderful stoneless plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

CLOVER SEED FOR SALE—Choice, re-cleaned, medium red, my own raising. Price \$8.50 per bushel including bag. Write for sample, H. D. Clore, Norwood, Iowa.

5 VARIETIES of seed corn for sale at \$1.25 per bu., eared or shelled. Satisfaction guaranteed or money refunded. Alex. James, Rt. 1, Shenandoah, Ia.

KIERSON SEED OATS FOR SALE. Big yielder, will not lodge or rust. 50 cents a bushel. Aye Brothers, Blair, Nebraska.

forty-first meridian the Ben Davis is a good bearer and stays on the trees long after the leaves have fallen and in the northern orchards after the last fall apple has been searched out from the aftermath, where it has been hidden and ripened to a high degree of juicy and mellow eating. There is, of course, few winter varieties for the northern orchard that will keep till spring; however, there are some, among which may be mentioned the Greenings, Willow Twig, Scott's Winter, and the Janet, which is a good bearer in the North, and while many do not consider it much of an apple, we think it very good in spring, when it has become mellow and all other kinds of fruit are gone. As stated in the beginning, the best way to learn the best kind of varieties is to observe other people's orchards in your own locality. If we were to put in 100 trees now, seventy-five of them should be winter varieties. There is always a good market for late apples. In the summer the market is glutted and the farmer does not have time to sort and market apples. Regarding the matter of the proper distance apart for trees to be planted, we wish to say that it is our experience that nearly everyone in putting out their first orchard makes the mistake of planting the trees too close. We well remember our first experience and even after we had been warned that thirty feet between trees was a proper distance we violated the experience of those who knew and placed the trees closer. Twenty-five to thirty feet apart each way looks like scattering trees over a large area, but we have learned by experience that that is not a bit too much space to allow. By the time the trees attain a good age there will be left none too much room between them. Besides plenty of sunlight in the orchard prevents much disease and fungous growth. There need be no waste of land whatever in planting trees this distance, since the land between the rows can be cultivated and good crops grown until the trees are of sufficient age and height to prevent crops from growing. Even then rape can be grown. Iowa Subscriber.

### Top Grafting.

To the Editor of The Homestead:

A little while ago we wrote concerning root grafting and gave instructions for doing the work. The other form of grafting which may be performed upon the farm is top grafting, and this latter is generally much more practical from the standpoint of the general farmer and fruit grower than is root grafting. In almost every orchard of any size there is too large a proportion of trees of some variety, which, though perhaps good, does not make a proper balance for general purposes. Very often what one has purchased for some standard variety is not true to name. Again a smooth-tongued nursery agent often succeeds in selling some new variety with high sounding name at five or six times the price of ordinary standard varieties. It often happens that when this "prize" comes into bearing it is found to be very inferior and undesirable. In all these cases if the undesirable tree be taken before it has grown too large it may very readily be worked over into some more desirable variety.

It is possible by this same method to obtain fruit from a new variety much more quickly than the natural method of allowing the tree to grow and come into bearing. This is done by grafting a twig from the new variety into one of the top branches of an old and bearing tree. By this method fruit may be obtained the second or third season.

The method of top grafting is easily learned by observation and a little practice, but hard to describe in writing. The scions or grafting pieces from the desired variety should be taken from the last year's growth and stored in a cold dry place. This may be done at any time during the winter. It must be done before growth starts in the spring, for a growing scion cannot satisfactorily be grafted, nor one taken even after the sap has started. The grafting should be done any time between March 1st and April 15th, and if done early the scions may be cut and used immediately.

The grafts should be put into limbs not over one and one-half inches in diameter, better less. The limbs to be grafted should be selected with a view to the future shape of the tree and should be generally distributed throughout the head, and the point where the grafting is to be done should be about



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the same distance from the ground in each one if possible. If the tree is quite large it is best to graft about half of the principal limbs one season and the balance the following season.

The limbs which are to be grafted should be cut off squarely across with a sharp saw and the surface smoothed with a knife. The next step is to split the stub. For this no instrument is better than a chisel. The cleft is then pried open with the same instrument and held to receive the scions. Scions should be cut from four to six buds (usually three to five inches in length). The lower end is next prepared to place in the cleft. This really is the most important part of the cutting and for it a sharp, thin-bladed knife should be used. Nothing is better than a shoe knife. Each side should be shaved off with a single stroke of the knife, making the lower end the form of a wedge about an inch and a half in length and a bud just at the top of the wedge. As two scions are put in each cleft, two pieces of almost the same size should be used. These are now fitted in position. They should be slipped down until the entire cut surface is within the cleft. The inner bark of scion and stock must coincide. This is the point where growth takes place and here a circulation must be set up or the twig will not start into growth. When both scions are in place, every cut surface, including the top of the scion, should be covered with grafting wax. A strip of cotton cloth about an inch wide should then be wrapped about the union and stuck down with a little of the wax.

A very satisfactory wax for grafting may be made as follows: Resin, four parts; beeswax, two parts; beef tallow, one part. Melt the resin and add the beeswax; when it has also melted, add the tallow and stir well, keeping on a fire for about five minutes. Then pour the mixture into a pail of cold water. This immediately hardens it so that it may be worked with the hands. It should be worked and pulled until it is white, when it is ready for use. It is generally necessary to have a little tallow on the hands, both while working the wax and while using it, as it is very adhesive.

The easiest fruit grafted is the apple and anyone with a little practice should be able to graft it very successfully. The plum and cherry are much harder and one should become something of an expert before attempting either.

As the grafts come into growth the surrounding limbs should be gradually removed. Numerous water sprouts and shoots will start on the limb in which the graft has been placed. These should be rubbed off from time to time so that

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the graft will get the full strength from the tree. If both grafts live they should be allowed to grow throughout the season and the following spring the weaker one removed, allowing but one to remain. Franklin Brown.

What Varieties of Strawberries to Plant.

To the Editor of The Homestead:

The question of what varieties of strawberries to plant is one which comes



to every grower, whether he is in the business commercially, or merely desires a few berries for his own use. It is hard to answer except in a very general way, and the answer depends upon a number of circumstances.

In the first place, some varieties, no matter how desirable, cannot be grown in a given locality on account of unfavorable conditions of soil and climate. These local conditions have much more bearing than would naturally be supposed. A matter of forty or fifty miles north and south often completely changes the list of varieties which may be successfully grown.

Varities which are suited to one kind of soil will not do well upon another. A variety, for instance, which makes a fair growth and a good yield upon a sandy soil, may, upon our rich, black prairies, run almost entirely to leaves and vines and bear little fruit. Drouth affects the varieties which may be grown in any locality. For that reason the most definite advice which may be given is to plant varieties which have proven successful in your neighborhood. The planting of any other is an experiment.

There are, however, some varieties which have given more general satisfaction than others, and their use for planting may be recommended more generally. Among these we would mention Warfield, Crescent, Clyde, Bederwood and Senator Dunlap. There are perhaps others which are as much entitled to mention. Our hobby is Warfield and Senator Dunlap and we believe they are giving better returns than any other two varieties.

The first three varieties mentioned are imperfect flowering, that is, the blossoms contain no male organs and hence they cannot fertilize the seeds. For that reason they will not develop fruit unless a perfect flowering plant, that is, one the blossoms of which contains both male and female organs, is growing near. The last two varieties named are perfect flowering and may be used to fertilize the blossoms of imperfect flowering varieties. Being perfect flowering, either will bear fruit without any other variety near. Subscriber.

Remodeling a Hedge Fence.

To the Editor of The Homestead:

A subscriber at Hartville, Mo., sends the following inquiry:

"I would be pleased to know what treatment to give an orange hedge fence. It is about ten years old, the stems are from one to two inches in diameter at the base, and it is about twelve feet in height. I wish to make

it stock and hog proof. When and in what manner should it be worked upon? How far into the diameter of each body should I cut and how far from the ground should it be pruned, and what season of the year should the work be done?"

If we were dealing with this problem on our own farm we should solve it by cutting out the hedge and installing a good woven wire fence. In our opinion the hedge fence proposition has seen its best days. One reason for this is that even after it is well established it requires a good deal of labor each year to keep it in condition. The scarcity of labor and even the difficulty of securing it at any price makes this feature of it an important problem.

It is frequently stated that after the fourth year little further care is necessary on a hedge fence, and probably the majority of hedge fence owners are following this policy. The conditions described by the correspondent are the direct results. Hedge fence form is not the natural one for this plant to take and it can only be held to it by careful and regular attention.

Land is also rapidly increasing in value and every foot of space must be utilized. The hedge fence is greedy in this respect and takes up wide swaths on either side. Frequently crops are planted close up to it, but the soil is so thoroughly taken up with roots that the newcomer is robbed of its share of plant food and moisture.

However, coming directly to the correspondent's question concerning the best plan of putting this hedge into condition to turn both cattle and hogs, I would suggest that the probabilities are that in the long run the best plan would be to cut it back to the ground and get a new growth. If this cutting back is done this winter a heavy sprout and a new growth will be secured next spring. If this new growth is repeatedly cut back during the first summer to induce a bushy, stalky growth near the ground at the end of the first year you will have a hedge far superior to the present one. The young shoots naturally grow upright, and to secure a thick growth at the base constant cutting back or heading in is necessary. A better fence will be secured if pains are taken to bend each shoot down and weave it into the preceding one. This is rather a disagreeable task, however, and requires both time and labor.

A fence in this condition can sometimes be remedied by running a few strings of wire through the hedge near the bottom. This is largely a temporary make-shift, however.

In case a wire fence is substituted it is probable that a number of the hedge plants could be trimmed up and used as posts in place. A. T. Erwin.

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SUMMARY.	
56 head	\$10,457.50; average...\$186.73

**Bred Sow Sale at Shadeland.**

On Thursday, February 7th, Messrs. Edmonds, Shade & Co. held their annual draft sale of bred sows from their well-known herd. The day was ideal, the crowd all that could be asked, and the offering in nice sale condition. The main attraction in this sale was the well-known sweepstakes sow, Royal Blossom 5th. This sow was in the pink of condition, and was started by the well-known breeder, Mr. Jas. Williams, at \$500. She was worked up slowly, showing that the bidders were wanting to buy the sow, but to buy as cheap as they could, until she reached \$600, when she was knocked off to Mr. Geo. Nordike, of Allen, Neb., at that figure. Mr. Nordike certainly has a good proposition in this sow. No. 2 in the catalog, a Proud Advance sow, went to Mr. Geo. Blessing, of Homer, Neb., at \$300. The bidding was spirited and the whole offering was disposed of in good season at an average of \$94. Colonel Luther conducted the sale in his usual able manner. Below we give a list of sales:

Lot.	Price.
10. Geo. Custer, Merville, Iowa	\$100.00
11. F. E. Garrett, Lohrville, Iowa	105.00
1. Jas. Williams, Marcus, Iowa	72.50
1. Geo. Nordike, Allen, Neb.	600.00
2. Geo. Blessing, Homer, Neb.	300.00
3. T. A. McMahon, Craig, Neb.	152.50
5. C. F. Kirk, Ponca, Neb.	75.00
7. Frank Clouss, Clare, Iowa	100.00
14. C. H. Risser, Saurborn, Iowa	87.50
16. H. McQueen, Marcus, Iowa	86.00
20. Manley & Co., Lyons, Neb.	175.00
21. M. S. Moats, Randolph, Neb.	105.00
28. John Lydon, Belden, Neb.	82.50
6. A. C. Cummings, Leeds, Iowa	97.50
8. H. McQueen	76.00
13. John Tryon, Bancroft, Neb.	155.00
12. W. A. Staples, Glidden, Iowa	80.00
15. James Williams	67.00
17. Same	51.00
18. Same	51.00
21. Lee Cantine, Quimby, Iowa	65.00

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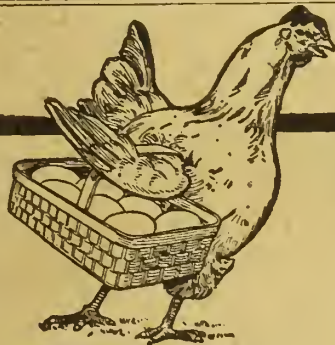
## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## Treatment for Frozen Combs.

To the Editor of The Homestead:

There is nothing like a bit of personal experience to impress needed lessons both of prevention and cure. This has just been well illustrated recently. In making up the White Wyandotte pens, a fine cockerel not wanted there at the present, and which has been accustomed to roosting in one of the Wyandotte houses, was put in with the general flock in the large house. Severe weather kept all the fowls shut in for several days, when a milder temperature ensuing, the fowls in this large house were given a run. I noticed during the day that this cockerel was determined to gain entrance to his old stamping ground, but toward night seeing nothing of him, I concluded he had given up and gone in with the other fowls. But the next morning he crawled from some hiding place, comb and wattles badly frozen. In a short time he was a most pitiable looking object. His head almost trailed on the ground, the frosted portions frightfully swollen. I brought him to the house,



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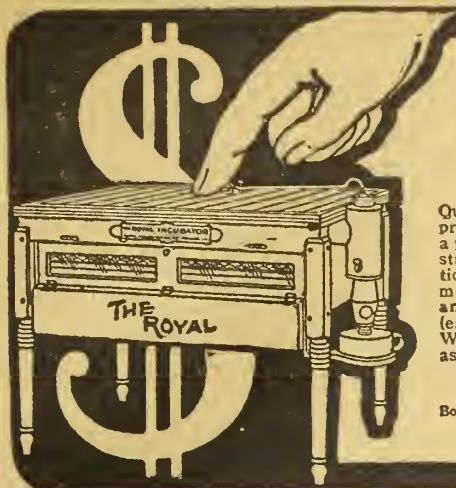
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and anointed the parts with vaseline, and put him back in a warm corner of the house, hoping to find him better next morning. But the matter was far worse when I looked after him bright and early. It seemed a question of a very short time before the poor fellow would give up the ghost. As he was a valuable bird, purchased the past season, I determined to save him, if such a thing were possible.

Going to my clipping file, I looked up the department of frozen combs. I found several things recommended. One woman recommended Old English Black Oil, applied to the affected parts with a feather. It had done wonders for her, but, alas! I neither had Old English Black Oil nor did I even know what it was. Another writer claimed that the best remedy was a mixture of two drams of oil of glycerine and one dram of oil of peppermint, applied morning and evening for two or three days. This seemed more practical and hopeful, but on looking further I found recommended lard, two parts, quinine, one part, and same amount of coal-oil; melt all together and bathe frosted parts, and it will take out the frost in a hurry. I was a mile and a half from a drug-store, and no quinine, so I investigated still farther. Then I chanced upon this: One tablespoonful turpentine to five or six of vaseline. If vaseline isn't available, use half that amount of glycerine. Even turpentine and fresh lard will do if the others are not handy. Nothing better than turpentine, this authority said, to draw inflammation from a frost-bite.

Eureka! I had found the practical remedy. A thorough application was at once given the suffering bird, and a 'phone message sent to the drug store to have some two-grain quinine capsules ready for a hurry call. The quinine taken internally would serve as a tonic and an aid in throwing off the cold.

It looked pretty dubious for a while. My patient was kept in a cool part of the house in a flannel-lined box. He lay motionless the most of the time, not caring, seemingly, what was done to him. But early the next morning, we were astounded by a feeble crow from the hospital box. I put him out in the warm Wyandotte pen during that day, and he looked rather forlorn, sitting in almost motionless dejection. That night I brought him in again to his box, and the next morning he crowed quite lustily for nearly five minutes. Then he began to eat, and is now on the road to recovery. Three capsules of quinine, the turpentine-vaseline "dope," did the business, and I am not mourning the loss of a valuable bird.

Mrs. S. B. Titterington.

## To Catch Turkeys.

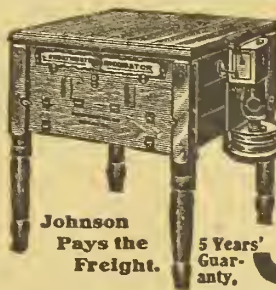
To the Editor of The Homestead:

In a late issue of your paper I notice you ask for some one to tell how to catch young turkey gobblers that will fly when an effort is made to drive them into any building.

I succeeded in capturing a bunch of that kind by adopting the following plan: In the first place, we have a chicken fence of wire netting along one side of our poultry yard and happened to have an extra piece of the netting about a rod and a half long. We drove a stake in the ground some three or four feet from the fence and took the piece of netting and carried it some eight or ten feet beyond the stake and tied it securely with binding twine to the fence, then fastened securely to the stake, thus forming a wedge-shaped pen. We then covered this small pen with some of the same material and fastened

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The Easiest to Operate Because It Runs Itself.



Johnson Pays the Freight.

5 Years' Guarantee.

Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on

**40, 60 AND 90 DAYS' TRIAL**  
and Five Years' Guarantee.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

**SEND FOR JOHNSON'S BIG BOOK**

Chock-full of common-sense chicken talk and straight from the shoulder money-making suggestions. 300 illustrations. It is Free. Write today sure, and get his special offer.

M. M. JOHNSON CO., CLAY CENTER, NEB.

## HATCH ALL Incubators Will Hatch Your Eggs

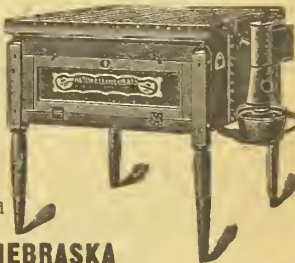
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

## OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., Box 8, HEBRON, NEBRASKA



Branches  
St. Paul,  
Buffalo,  
Kansas City.

## \$7.00 Buys the Best 120 EGG Incubator Ever Made.

\$4.50 Buys the Best 100-Chick Brooder.

Both Incubator and Brooder, if ordered together, cost but \$11.00. Double cases all over, best copper tank; hot water; self regulating; satisfaction guaranteed. Our book, "Hatching Facts," tells all about it. Mailed free. Write for it.

Belle City Incubator Company, Box 52, Racine, Wisconsin.



OUR SILVER JUBILEE

## THE RELIABLE'S 25th BIRTHDAY

We have been at it 25 years. You take no chances when you buy a Reliable. Solentific construction, double heating system, automatic regulation, and simple operation, are not experiments. No draughts, no hot spots, one-third less oil. Guaranteed. Your money back if it's not as we claim. Free Silver Jubilee catalog. Get prices for Reliable Farm pure bred poultry and eggs. Incubators shipped the same day order is received.

Reliable Incubator & Brooder Co., Box B103, Quincy, Ill.



securely, letting the loose end of the piece lie upon the ground. We then gently drove the turkeys along the wire fence and they just walked into the wire trap without noticing the wire netting. We made a grand rush and caught up the loose end and carried it across the opening behind them and we had them good and safe. It might be well to fasten a pole or weight of some kind to the bottom of the netting between the stake and where tied to the fence to keep the turkeys from raising it up and letting some out under it.

Schuyler Co., Ill.

M. W. Greer.

## Care and Management of Incubator Chicks.

To the Editor of The Homestead:

The majority of incubator operators let the heat go too high during incubation. This is one of the causes of the chicks dropping off so fast. Another cause is lack of fresh air. Just before leaving the shell the chick draws into the body the whole of the unabsorbed yolk of the egg. This is its food before and after leaving the shell. It must be just exactly right, as nature never errs. It is the food nature provided to sustain life until the chick is strong enough to take other food.

Do not feed the young chicks for from twenty-four to thirty-six hours after they are hatched. If fed too soon of

## The Racine Incubator



Built by the man who devoted 25 years to its present perfect development.

We pay the freight

Can be operated by anyone, anywhere. Automatic regulator, copper tank, white pine case, double walled, nursery. Built to last 20 years. Don't buy until you read our remarkable Incubator Book, written by the man who made the Racine. When you learn what he knows, you will want his machine, we think. The book is free. Write for it. Address Racine Hatcher Co., Box 135, Racine, Wis. Warehouses: Buffalo, Detroit, Kansas City, St. Paul.

too much the yolk of the egg which it took into the body before leaving the shell will not be drawn upon. It will remain unabsorbed and in time decompose, causing bowel trouble and death. The greater number of chicks which die of bowel trouble do so at about a week or ten days of age. If you open one of the chicks, nine cases out of ten you will find decomposed yolk in the yolk sack. Chicks normally hatched and given almost any kind of corn will live and seem to thrive for the first week, then



the trouble begins. The critical period in the chick's life is the first two weeks.

Starting the chick right is half the battle. When they arrive at the age of three or four weeks they have nearly passed the dangers of chickendom. One great danger is overfeeding. Improperly feeding chicks, especially for the first two weeks, unmakes more would-be poultrymen than any other thing in the whole business. Subscriber.

#### Sunburg & Olson's Sale.

February 5th dawned bright and clear and found the offering of the above breeders in splendid shape, as was testified to by all those who stopped at Madrid that day and were treated to a hot sled ride and some good eating at the farm just north of town. The selling was hardly as brisk as the quality of the offering would have admitted and a splendid lot of toppy red hogs were taken away by the crowd. It goes without saying that those present will return next year, for Messrs. Sundburg and Olson are not satisfied to breed anything but the best and most reliable hogs.

Lot.	Price.
8. Jerry Meyers, Bouton, Iowa....	\$41.00
14. O. Osborn, Maxwell, Iowa....	35.00
12. O. R. Olson, Woodward, Iowa....	53.00
3. N. M. Strause, Madrid, Iowa....	40.00
27. O. R. Peterson, Madrid, Iowa....	39.00
11. Miles Luther, Madrid, Iowa....	40.00
5. N. M. Strause.....	45.00
1. A. E. Sutherland, Madrid, Iowa....	40.00
19. O. R. Peterson.....	37.50
2. N. M. Strause.....	40.00
6. Jerry Meyers.....	40.00
24. W. J. Hartung, Maxwell, Iowa....	36.00
14. O. Osborn.....	35.00

#### POINTERS.

—In order to close out his Black Langshan cockerels, Mr. S. L. Parkhurst, of Lacey, Iowa, is offering them at very liberal

prices in his advertisement that appears on this page.

—Mrs. T. O. Cooper, of Knierim, Iowa, offers Mammoth Bronze turkeys for sale.

Thirty choice Single Comb White Leghorn cockerels are offered for sale by Mr. Jno. C. Miller, of Harlan, Iowa.

—Fancy White Holland turkeys are offered for sale on page 17 of The Homestead by Mrs. A. C. Mainquist, of Red Oak, Iowa.

—Mr. Peter Geiger, of Minden, Iowa, has a few fine White Wyandottes left and some fine Buff Cochins cockerels and pullets; also some White Holland turkey toms for sale as per advertisement on page 17.

—Mrs. Ida Hepp, of Gray, Iowa, writes: "I have Barred Plymouth Rock cockerels scoring 92½ and a few unscored birds for sale. I am selling them at bargain prices in order to close out, as I need the room for breeding stock." Mrs. Hepp's advertisement appears on page 17.

—Mr. Cbas. H. Meyers, of Cincinnati, Iowa, writes: "I have a number of good heavy-boned, finely-marked Barred Plymouth Rocks to sell. Considering their quality they ought to bring \$5, but owing to the lateness of the season I will sell them at from \$1 to \$2 each. I can furnish some very fine birds that are not scored, but from stock from the best birds money could buy. Those wanting first-class Barred Plymouth Rocks should write quick." Mr. Meyer's advertisement appears on page 17.

—Mr. W. S. Gregory, of Keota, Iowa, breeds White Wyandottes exclusively. His advertisement appears on page 17. Mr. Gregory writes: "Our breeding stock is better this year than ever before. Our flock is headed with cockerels from Duston's strain and every breeder of White Wyandottes knows that Duston has the best flock of this breed in this country. We guarantee to please our customers. On all the eggs we shipped last season, we did not get a single complaint. We can furnish eggs by the setting or in 100 lots, or in any quantity desired.

—Mr. J. W. Waggoner, breeder of Barred Plymouth Rocks and Mammoth Bronze turkeys, of Monroe, Iowa, under date of February 15th, writes: "I still have a couple dozen Barred Plymouth Rock cockerels. These cockerels are large-boned fellows and are extra well harred. At the Newton and Monroe Poultry Show, 1906, my birds won sixteen prizes and nine of them were firsts. If you want good blood in your flocks now is your time. I will sell them at a bargain order to get room to mate my breeding pens." See advertisement on page 17.

—Mrs. Silas Cobbs, breeder of Barred Plymouth Rocks, Mammoth Bronze turkeys and Pekin ducks, Marathon, Iowa, in furnishing change for advertisement, writes: "I am sold out of Mammoth Bronze turkeys and have sold all my Toulouse gamers, but have three females yet to sell. At the Northern Iowa Poultry Show, January 31st to February 2d, I won first on Barred Plymouth Rock cockerels with a score of 92½, first on breeding pen and second on hen. I also won first and second premiums on Pekin ducks." The advertisement appears on page 17.

—Mr. G. M. Grinstead, of Mitchellville, Iowa, in furnishing new copy for advertisement found on page 17 of The Homestead, writes: "I am offering a grand lot of Mammoth Bronze turkeys at reduced prices. They have been prize winners for our customers wherever shown. These turkeys are large and very vigorous and the foundation stock came from the choicest blood in the country. The Pekin drakes are fine, deep, long-bodied fellows weighing from eight to nine pounds. Our Barred Plymouth Rocks are all sold. We are prepared to furnish eggs to the trade at live and let live prices."

—Mrs. T. O. Cooper, of Knierim, Iowa, writes as follows: "My advertisement in your paper is bringing lots of inquiries and some good sales. I shipped four Mammoth Bronze hens to Mrs. M. H. McElroy, of Percival, Iowa, and one tom and hen to Mrs. Lillian Par, of Auburn, Iowa, this week. I still have a few good young toms for sale, weighing from twenty-five to thirty pounds, which I will price right to close out. Anyone wishing an extra good tom can secure one at a bargain from me. Those in need should write now." See Mrs. Cooper's advertisement on page 17.

—Mammoth Bronze and White Holland

turkeys, both hens and toms, are offered for sale by Mrs. E. H. Dancer, of Lamoni, Iowa.

—Silver Laced Wyandotte cockerels are offered for sale by Mrs. F. H. Long, of Manning, Iowa.

—Mr. Peter Haegen, of Trenton, Neb., is offering White Plymouth Rock eggs to Homestead readers in his advertisement on page 17.

—Mr. Geo. H. Lawshe, of Harlan, Iowa, is offering some special bargains in Barred Plymouth Rock eggs on page 17 of The Homestead.

—Mrs. Nettie Crane, of Blencoe, Iowa, is offering some thoroughbred Single Comb Brown Leghorns for sale in her advertisement that appears on page 17.

—Readers of The Homestead who wish to purchase Barred Plymouth Rock eggs should send for free booklet to Messrs. H. Richards & Son, of Toledo, Iowa. Their advertisement appears on page 17.

—Mr. E. S. Dyas, of Bellevue, Iowa, writes: "I have no more Pekin ducks for sale, but some good Light Brahma pullets at reasonable prices. Also eggs, Light Brahma, White Wyandotte and Pekin duck."

—Mr. Franz Bollman, of Wall Lake, Iowa, has on hand a nice lot of Single Comb Brown Leghorn and Barred Plymouth Rock cockerels which he will sell at reasonable prices. His advertisement appears on page 17.

—Mr. A. C. Harre, of Belmond, Iowa, whose advertisement will be found on page 17, writes that he has some of the best-bred Buff Plymouth Rocks and Buff Orpingtons in the country and that he will guarantee good hatch. Write him your wants.

—Mr. William Michael, of Lawler, Iowa, in his advertisement on page 17 of The Homestead, announces that he has a fine lot of Barred Plymouth Rock, Silver Laced White Wyandotte and Light Brahma cockerels on which he will quote December prices.

—Mr. Fred Post, of Moulton, Iowa, proprietor of Hillsdale Poultry Farm, in furnishing copy for his advertisement on page 17, states that he is all sold out of White Holland turkeys and has but two choice toms left. He is now advertising a few more Pekin ducks and Barred Plymouth Rocks for sale.

—Mr. A. H. Graham, of Alexis, Ill., in writing The Homestead to continue his advertisement, which will be found on page 17, says: "I have been very successful in making sales of my White Wyandotte birds from my advertisement in The Homestead. I have only a few pullets now to offer for sale, but still have some very fine cockerels."

—Mrs. Mary Pierce, of Nevada, Iowa, is advertising a thirty days' sale on Barred Plymouth Rock cockerels and pullets. Everything goes at \$1.50 and \$2 each in cockerels, pullets cheaper. She has some fine stock and anyone wanting some will do well to order. Satisfaction guaranteed. She has a few Mammoth Bronze turkeys to go at right prices. See her advertisement on page 17.

—Mr. N. A. Neff, of Earlham, Iowa, is offering Black Langshan cockerels for sale in his advertisement on page 17. Mr. Neff, in sending in copy, writes: "I have ten fine cockerels to sell. I won all prizes at the Central Iowa Poultry Show this year and have been winning for years. I want to dispose of these cockerels at once. Three of them are prize winners. They are all nice ones and I am pricing them right."

—The advertisement of the Holt Poultry Company, of Pleasantville, Iowa, Mr. Barton J. Holt, proprietor, appears on page 17 of The Homestead. They are offering thirty very choice Barred Plymouth Rock cockerels for sale at reasonable prices. These cockerels are of the Hawkins and Bradley strains. Mr. Holt is a breeder of thirteen of the leading varieties of fowls. He will send circular for the asking.

—Mr. S. M. Allen, of Bethany, Mo., writes: "We have sold all our hen turkeys, but have a nice lot of young Mammoth Bronze toms that are descendants of a fifty-two-pound tom and from eggs from some of our largest hen turkeys. These young toms are very heavy boned and ought to make monstrous birds. We still have a nice lot of White Pekin ducks of the Giant strain which we are selling at one-half price to make room for our breeding stock." See advertisement on page 17.

—Mrs. B. De Jaeger, of Waterloo, Iowa, in furnishing copy for her advertisement on page 17, writes: "The Silver Laced Wyandottes are the best I have ever raised. They are of good size and good laying strain. They are from a high-scoring pen

**GLANDT'S SANITARY HEN NEST**  
Makes chicken raising sure, profitable and easy. Lice prevented, setting hens separated from the layers. Ask for our free book. **HAVILAND MFG. CO.** Box 604, Davenport, Iowa.



**MAKE GOOD MONEY**  
In Poultry business. Others do it. Why not you? Our big illustrated book, "Profitable Poultry," tells how to breed, hatch, feed, grow and market to make lots of money. Starts you on the road to success. Describes most wonderful Poultry Farm in the world—32 kinds of fowls. Gives lowest prices on fowls, eggs, incubators, everything for Poultry. Mailed for 4 cents in postage. **Berry's Poultry Farm, Box 112, Clarinda, Iowa.**



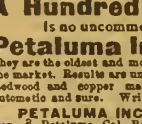
**FOR SALE:** Live deer, all ages, fawns, white swans, California quail, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild game, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. **Deer Lake Park, Severy, Kan.**



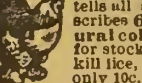
**Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN**  
Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatches made. **GEO. H. STAHL, Quincy, Ill.**



**A Hundred Per Cent**  
Is no uncommon hatch for **Petaluma Incubators**  
They are the oldest and most reliable machines on the market. Results are uniform and always high. Redwood and copper materials. Devices purely automatic and sure. Write us for free catalogue. **PETALUMA INCUBATOR CO.,** Box 2, Petaluma, Cal. Box 2, Indianapolis, Ind.



**GREIDER'S FINE CATALOG 1907**  
Tells all about pure-bred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. **B. H. Greider, Rheims, Pa.**



in which the cockerel scored 92 and the pullets scored from 90 to 92½. They are good and will be sold at a reasonable price. The Brown Leghorns are of a good kind, good shape and good comb. All orders promptly filled."

—Mr. Guy W. O'fall, of Prairie City, Iowa, is offering some extra good Mammoth Bronze toms and hens. This stock has been all scored and is in fine condition. It is the progeny of hens weighing from twenty-five to twenty-seven and a half pounds each, and the yearling tom in Mr. O'fall's flock weighs forty-five pounds, his score being 96½ points. In order to make rapid sale these young toms are offered to Homestead readers at \$5 each and the hens at \$3. These are exceedingly reasonable prices for turkeys of such superior quality and size.

—Mrs. George Tutt, of Marathon, Iowa, breeds Black Langshans, and in her advertisement on page 17 she is offering twenty fine cockerels for sale. She writes: "The cockerels and eggs we are offering for sale are from stock scoring as high as 95 points, several of which have won blue ribbons at a number of leading shows. Our cockerels this year are large in size, heavy boned and of good color. They are certainly worth the price we are asking for them. We will be able to furnish a large number of eggs. We have a large flock of nice birds; no disqualified ones. Many of the hens and pullets have taken first and second premiums at shows. They will be mated with first-prize cockerel at Webster City, Iowa, show in 1906."

#### EXTRA CHOICE BLACK LANGSHAN COCKERELS.

Some especially good Black Langshan cockerels from high-scoring birds are offered for sale by Mr. E. D. Keasr, of Wiota, Iowa.

#### PLYMOUTH ROCK COCKERELS.

Seventy-five choice Plymouth Rock cockerels are offered for sale by Mrs. E. F. Escher, of Manning, Iowa. These are of the Bradley, Ringlet and Eclipse strains. She

## Big Sure Hatch Book

### Best Ever Printed

You ought to have a free copy of this book on Incubators, Brooders and Chicken Raising. Nothing like it ever printed before. It's a big book. Has over one hundred solid pages of reading matter and pictures from actual photographs. The cover is in three colors. Jammed full of money-making information for all who are interested in Chickens. You'll like the way it's written—makes everything clear as sunlight. Tells you the very things you must know to succeed in raising poultry.

The Sure Hatch Book is a safe guide because it is based on the successful experience of the men who in ten years built up the business of the

## SURE HATCH INCUBATOR

from nothing to the largest in the world.

Get a Sure Hatch and make money. Over 110,000 others are doing so—why not you? Pays for itself with one hatch. Runs itself. Does all we claim or we take it back at our expense. Guaranteed for Five Years. The risk is all on our side.

Don't buy an incubator until you get the Sure Hatch Book and read up. Send postal today.

**SUREHATCH INCUBATOR CO.**  
Box 16, Fremont, Neb., or Dept. 16, Indianapolis, Ind.

Fine Flavor, Large Size, Best Price, in the eggs laid by hens fed on **PRUSSIAN POULTRY TONIC**  
The easiest meal—The results large. Egg results, well-conditioned fowls, satisfied customers, once tried, always used—Your hens will earn enough in extra eggs to pay for their tonic; they appreciate it; 750 doses in pkg. 25c and 50c Packages. 40c by mail.

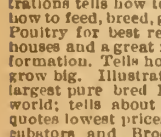
**PRUSSIAN Lice Killer**  
Indispensable to every Poultryman. "Poultry Profit" our 36-page practical book—Free if you write what stock you own.

**PRUSSIAN REMEDY COMPANY,**  
St. Paul, Minn.





## BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c. **FRANK FOY, BOX D, DES MOINES, IOWA.**


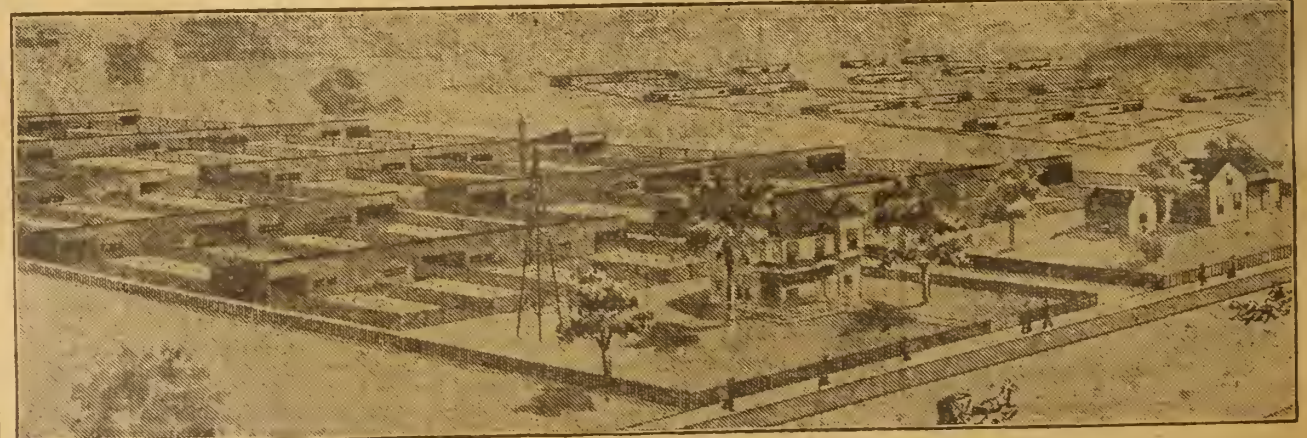


## Hatch 'Em Easily

Don't waste eggs on hens, put 'em in a **Poultry Leader Incubator** and get chicks in plenty. It is Guaranteed. Glad to send free my handsome, new, illustrated catalog. Write now to **Emil Ochsner, Box 17, Sutton, Neb.**



**POULTRY PAYS**  
Our Book, "Poultry Pays," showing 35 best paying varieties mailed for 10 cents. **Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.**

Crescent Poultry Farm, Frank Foy, Proprietor, Des Moines, Iowa.

A representative of this paper informs us that Mr. Frank Foy, of Crescent Poultry Farm, still has a lot of stock of many leading varieties for sale. He also informs us that he will be especially well prepared to furnish eggs for hatching in large quantities by the single sitting or hundred or thousand for incubators. Mr. Foy is a practical poultryman and believes in doing things right. He also pays particular attention to line breeding. He says it costs more to raise a hen that will lay 200 eggs per year than one that will lay less than half that many. Mr. Foy is also a practical incubator man and has been in the business for years. His experience is practical, not theoretical, and there is no doubt but what he makes as good a machine as there is on the market today. His sales have been unusually heavy this season, particularly in localities where they were used last year. Anyone interested in poultry and incubators who has not received a copy of his new book entitled, "Money in Poultry," should send for it, as the information contained therein is valuable. Same will be mailed to any address for four cents by addressing Mr. Frank Foy, Box D, Des Moines, Iowa.



will also sell hens and pullets. Write her at once and send her an order.

### THE RELIABLE INCUBATOR AND BROODER.

The Reliable Incubator and Brooder Company, of Quincy, Ill., celebrate their quarter century anniversary this year, and in token of that event the company have compiled an unusually interesting and valuable catalog dealing with every phase of the poultry question. The record made during the past twenty-five years is one that entitles the Reliable Incubator and Brooder Company to the confidence of the public. Their success has been coincident with the public's keen satisfaction with the Reliable poultry supplies. The catalog referred to is in reality a compendium on poultry raising, and no one who desires to succeed in the raising of poultry, especially in hatching chicks with incubators and raising them in brooders, can afford to miss the opportunity of sending for this anniversary catalog. Address the Reliable Incubator and Brooder Company, Quincy, Ill., and please mention The Homestead when you write.

### POULTRY.

#### Black Langshan Cockerels

10 HIGH scoring, including 1-23 prize winners, score 93½ to 95. My flock have won for years. Priced right. Write me, N. A. NEFF, EARLHAM, IA.

50 FINE, large Banded Plymouth Rock cockerels yet for sale, also 2 dozen hens and pullets, a fine lot of Pekin ducks, both drakes and ducks, weight 7 to 9 pounds and scoring 97 to 98. Will sell cheap to close them out. Mammoth Bronze turkeys and Toulouse geese all sold. Write Mrs. Silas Cobbs, Evergreen Poultry Farm, Marathon, Iowa.

Mammoth Bronze Turkeys at Special Prices. THEY are good, large bone, good shape, good white markings and extra bronze. Score card with each bird. Eight Pekin drakes. Banded Rocks all sold. Eggs in season. G. M. GRINSTEAD, Mitchellville, Iowa.

HOLT POULTRY COMPANY. 30 VERY choice B. P. Rock cockerels for sale, \$1.50 to \$5.00 each. Hawks and Bradley strains direct; 13 leading varieties. Circular free. Benton J. Holt, Box 7, Pleasantville, Iowa.

I HAVE a fine lot of cockerels from Barred Rocks, Silver Laced Wyandottes and Light Brahmas that I will sell at December prices; just drop me a card. Wm. Michael, Lawler, Iowa.

FANCY WHITE HOLLAND TURKEYS At \$4.00 for Toms and \$3.00 for Hens. Mrs. A. C. Mainquist, Route 3, Red Oak, Iowa.

RICHARDS' BARRED ROCK EGGS Send for free circular. H. Richards & Son, Toledo, Iowa.

ROSELAWN FARM. WHITE Wyandottes exclusively, pure bred, with farm range. Eggs \$1.50, \$2.50, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

SINGLE COMB W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

BARRED PLYMOUTH ROCK cockerels. Bred for bone and fine plumage. The kind that weighs. Price \$1.00 to \$2.00. Address, Chas. H. Meyers, Cincinnati, Iowa.

BLACK LANGSHANS-In order to close out I will sell unscored cockerels from high-scoring stock for \$1.00 and \$1.50 each. Address, S. L. Parkhurst, Lacey, Iowa.

MAMMOTH Bronze turkeys, large boned, well marked young toms \$5 to \$6, hens \$3, pullets \$2.50. W. P. R. cks., \$1 each. Sterling Martin, Melrose, Ia.

30 DAYS' sale on B. P. Rock cks. and pullets. Everything goes at \$1.50 and \$2 each. A few M. B. turkeys. Mrs. Mary Pierce, Route 5, Nevada, Iowa.

BARRED Plymouth cks., Bradley and Thompson strains, also Mammoth Bronze toms. Prices right. Mrs. J. A. Campbell, Route 5, Manning, Iowa.

S. C. B. Leghorn cks. from stock scoring to 93½. While they last \$1.50 to \$2. No more egg orders booked this season. Nettie Crans, Blencoe, Iowa.

S. C. BROWN Leghorns and Barred Rock cks. Single bird \$1.25, two \$2.25, three or more \$1 each. Franz Bollman, Wall Lake, Iowa.

CHOICES. L. Wyandotte cockerels of good size, also S. C. B. Leghorn cockerels. Mrs. B. De Jaeger, R. F. D. No. 6, Waterloo, Iowa.

100 FULL BLOOD BLACK Langshan cockerels, \$1.00 each. B. F. Read, Route 1, Blairsburg, Iowa.

IMPERIAL PEKIN DUCKS, Barred Plymouth Rocks, prize-winners, extra large size and high-scoring. Fred Post, Moulton, Iowa.

CHOICE S. L. Wyandotte cks., W. Wyandottes, L. Brahmas, both sexes for sale. Mrs. Edith Eggabrad, R. 1, Grundy Center, Ia.

THIRTY-POUND Mammoth Bronze toms at \$5.00 each. Good Rouen drakes at \$1.50 each. J. H. Howarth, Moulton, Iowa.

ONLY four Black Langshan cockerels left, score 93½, 93¾, 94, 94½. Prices, \$3.00, \$3.50 and \$4.00. H. D. Kline, New Sharon, Iowa.

FOR SALE-White Holland turkey toms and Buff Cochins cockerels and pullets. Peter Geiger, Minden, Iowa.

PURE bred White Rocks. \$1.00 for 15 eggs. Special price to set incubator. Peter Haegen, Trenton, Neb.

BARRED Rock cockerels, scored or unscored at \$1.00 and up, some excellent birds. Ida Hepp, Gray, Iowa.

### DOGS.

#### A Fine Yearling Fox Terrier

FOR SALE-He is well trained, a great ratter and has an excellent nose. He is well bred and priced right. Write C. C. DRAKE & SON, La Harpe, Ill.



# SUCCEED WITH A SUCCESSFUL

Let others do the experimenting. While they are trying out new, fresh theories, you will be far along in a money-making business with the old reliable **SUCCESSFUL** Incubators and Brooders—the machines of big hatches and strong, vigorous chicks.

**Self Operating, Dependable, Gets Results.**

That's the uniform record of many years. Many more thousands go into service each year and never a dissatisfied user. Get the machine with a record under a guarantee that means something.

Incubator and Poultry Catalog Free. Booklet "Proper Care and Feeding Small Chicks, Ducks and Turkeys." 10c. 50c poultry paper one year 10c.

Des Moines Incubator Company, Dept. 50, Des Moines, Iowa.

### POULTRY.

400 Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 96½ at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

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#### Westview Poultry and Stock Farm

LIGHT Brahma cockerels and pullets. Barred Plymouth Rock cockerels at a bargain. Write me. Mrs. J. C. Weber, Montezuma, Ia.

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks. Silver Laced and White Wyandottes. Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

60 BARRED Plymouth Rock cockerels, \$1.00 to \$3.00 each. A few of Bradley and Russell strains, are large bone, well barred to the skin, weight from 7 to 10 pounds, are from birds scoring from 91 to 91½ points and from cockerel that won first at Des Moines State Fair. Address, Geo. Bonewell, Grinnell, Iowa.

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FROM Bradley Bros. strain. For orders received before March 20 will price them at 13 for \$1.50, 45 for \$3.00, 100 for \$6.00. Cannot guarantee to fill orders after March 20th. Geo. H. Lawshe, R. 3, Harlan, Ia.

ROSE Comb Brown Leghorns, exclusively. Cockerels from high scoring stock \$1 each, 6 for \$5. Eggs \$3.50 per 100, \$6 per 200. R. R. Stewart, Charles City, Iowa.

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. I. Grundy Center, Iowa.

MAPLE Grove Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, R. 6, Audubon, Ia.

BLACK Langshan cockerels for sale. The result of nine years exclusive breeding. \$1 each in lots of three or more. H. M. McKen, Sac City, Iowa.

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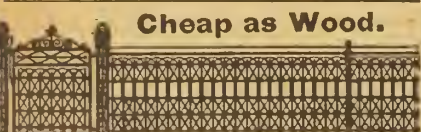


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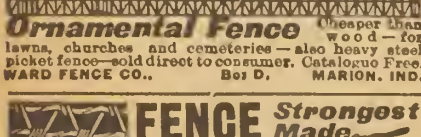
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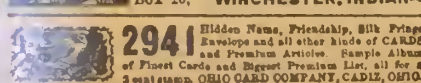
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## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

### WITH THE EDITOR.

The other night there was a most charming picture in the sky. The moon was in Orion, whose beautiful stars were somewhat bedimmed by her silvery luster. Not far off, brilliant Jupiter shone among the lesser diamonds of the sky. It was a picture well worth looking upon.

We are so bound down by dishes and chores and things upon the earth that we miss the sight of that heavenly cyclorama which nightly rolls from the Atlantic shores to the cliffs of the Pacific. There is scarcely an evening when looking up after hanging up the dish-pan or shutting the stable door, would not put a peace or a sweetness or perhaps great awe into your heart as you stepped in again to take up the "common round," when it would not leave a feeling of—oh, as though cobwebs had been pulled from off you.

The "common round!" Those planets, those stars, that silvered orb! How many rounds, rounds upon rounds, century millenniums has Earth donned her robe of night to gaze at the ever-changing, ever-returning pictures in the heavens. There they shine as they have shone steadfastly for countless centuries, and yet only a very few of us know star from planet.

It is worth while to know Orion when you see it. There is nothing else in all the heavens to equal it in glory. If the night is fine look toward the south about nine o'clock, and about half way between the zenith and the horizon, in a row, you will see three bright stars; these form Orion's belt; and at almost equal distances above and below are other brilliant stars. A frosty moonless night especially shows this constellation's exceeding brilliancy.

Orion, so the story runs, was a famous hunter so tall that he could wade the seas, and that when on land his head was in the clouds. Yet in spite of his greatness, and maybe because he was the most beautiful of mortals, he lost his heart. Then his troubles began. A stubborn father stood in the way. He lost his sight, but then a goddess fell in love with him. This made one of the gods jealous and he tricked the goddess, who excelled in the use of the bow and arrow, into shooting poor Orion. But the gods were kind. They placed the hunter and his dogs in the sky where they unceasingly chase the great wild bull Taurus—though it may puzzle you to make them out as they roam the heavenly hunting grounds.

Very probably you know the group of stars known as "The Dipper;" but do you know that it is only a part of a greater group called the Great Bear? And can you find Polaris? Do you recognize the Little Dipper, or the Little Bear? And do you know the interesting Indian legends concerning them? Can you find a group known as the Pleiades? Are you acquainted with the old, old story of those seven sisters? Go out and find them, and the "bands of Orion," and read in your Bible concerning them; find other star passages and drink in their majestic beauty.

Some day read Felicia Hemans' poem on the Lost Pleiad. Some day commit to memory Addison's grand hymn beginning:

The spacious firmament on high,  
With all the blue, ethereal sky,  
And spangled heavens, a shining frame,  
Their great Original proclaim.

When speeding in the cutter, when crunching the crisp snow under foot some night between the barn and the house, look up to the stars, let them look down upon you, into you, into your depths, and they will give you power to look past them into the beyond.

Some summer evening shake off the thrashing fever, lie down upon the grass with your head to the north, and simply look up. Lie still and look. After a time the glory of the stars will seem too great to be endured. Your spirit will struggle for wings to "fly to the uttermost parts."

Moses, David, Elijah, John the Baptist and Jesus, the Saviour, all must have lifted up their eyes to the stars and have seen beyond. Perhaps it was after some such contemplation near the cave of Adullam that the Shepherd-Poet-Warrior-King of Israel wrote:  
When I consider the work of Thy fingers

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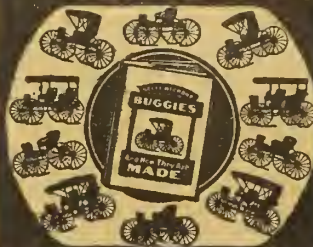
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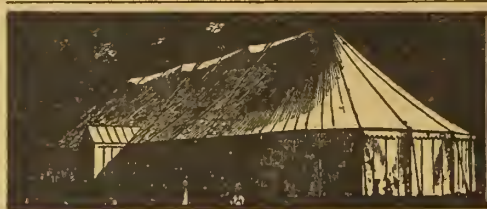
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And the moon and the stars which Thou has ordained  
What is man, that Thou art mindful of him.  
And the son of man that Thou regardest him?

Thinking of this you may rise from your meditations with a realizing sense that great as are the wonders of the stellar universe there is something in you—no, that you are something more valuable still in the sight of Him who numbers the stars. In His ears the music made by these whirling orbs with their attendant trains of revolving planets cannot equal the strains of harmony arising from those creatures whom He made from the breath of His nostrils to be "only a little lower than the angels."

Come, go out into the picture-gallery of Night and let thy soul revel in heavenly beauty.

### HOME AND HOMEMAKING.

#### LITTLE HELPS BY THE WAY.

The clouds may rest in the present,  
And sorrow on days that are gone,  
But no night is so utterly cheerless  
That we may not look for the dawn;  
And there is no human being  
With so wholly dark a lot,  
But the heart by turning the picture  
May find some sunny spot.

—Selected.

Some people actually attract illness to themselves by constantly thinking about it. They feel sure that if they should happen to get their feet wet they would soon be sick with pneumonia or influenza. If they happen to be in a draft for a few minutes, they are confident dire results will follow. They will have chills or sore throat. If they cough a little they have dreadful visions of consumption. Is it not in the family? They thus fix images of sickness in the mind, and so lessen its power of resistance to disease and make the body more susceptible to the very things they fear.

Throughout the entire Word of God we

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are taught the sacred duty of being happy. Be happy, cheerful, rejoicing as we can, we cannot go beyond the Spirit of the Gospel. Christ, "though a man of sorrows and acquainted with grief," was happy and rejoiced in spirit.—Dean Stanley.

### BUYING LINEN.

Unless one is an expert judge of linen, it is always wiser to buy of reliable firms, for there is a great difference in the durability of fabrics that to the uninitiated look much the same. An experienced shopper can tell good linen by the "feel," but, for the novice, there is no better test than the old one employed by our grandmothers. Dampen the finger and apply it to the surface of the fabric. If it wets through quickly and shows on the reverse side you may be sure it is linen. If it is slow, there is an admixture of cotton.

In selecting a medium quality of table damask (the cheap sleazy stuff is a dear bargain at any price), choose medium weight and a pattern that nearly covers the ground. This both wears and looks better than one that has a great deal of plain surface displayed. Leave "snow drops" and similar dainty patterns for your best cloths. Table cloths cut from the web are much cheaper than those woven in a pattern with a border. Cream damask, or the half bleached, is con-



sidered much more durable than the full bleach, which has been accomplished by the aid of chemicals.

The term "double damask" means a heavy linen, but is no indication that it is any more expensive than a good single damask. Indeed, a too heavy linen is apt to crack if folded when it is frozen. A pointer just here is that table linen should not be dried out of doors in freezing weather.

#### CERTAINLY NOT.

Mamma—I saw a little boy speak to you in church. I hope my little girl had more manners than to talk back.

Elsie—Oh, yes, ma, of course I had. I just put out my tongue at him.—Jester.

#### A STORY WITH A MORAL.

Meu all over the world will appreciate the feelings of the Morristown, N. J., banker who had retired to that suburb, rich beyond the dreams of avarice, but who was prevented by the noise made by his wife and daughters from putting his feet on his own table or even sitting around comfortably in his shirt sleeves at eventide. He had built himself a superb mansion and furnished it in a style becoming a royal duke. His family, once poor, immediately began putting on grand airs. His ways were old fashioned. He liked to walk home from the station in the afternoon and often muddled the floor and carpets, which brought down upon him the wrath of his wife and daughters.

The old man said nothing, but one day truckloads of stone, bricks, steel, wood, glass, cement, etc., arrived and men began the erection of a small and ornamental house a few feet from the front door of the palace. The worm had turned. The banker refused to tell his wife and daughters what it was to be used for, and had their curiosity piqued to the verge of passion. They guessed everything—porter's lodge, conservatory, sun parlor, organ room, kiosk, aviary, etc. When it was completed he furnished it with an umbrella stand, coat rack, table, boot and shoe receptacles and a single deep, soft, comfortable leather chair. He then put the key in his pocket and had "Dulce Domum" painted above the door. When the banker got back from town in the dark he kicked mud all over the floor, lit his pipe, fell into the deep chair, put his heels on the table and spat where he pleased.

In the course of three or four weeks there were so many tears and protestations from the family that the old man had "Dulce

Domum" torn down and now he totes his mud into the palace as if he owned it.

This is an extreme case, but don't you sometimes envy the man who lives where there isn't quite so much housekeeping around?

#### WHAT TOMMY DROPPED.

"Oh, dear me, isn't dinner served? I think you're awful slow!"

And Tommy fumed and fretted, till His father said, "Oh-o!"

Go pick up what you dropped, my son, Before you came inside."

And Tommy quickly ran to look, But not a thing he spied.

"That's strange," quoth father, "for I saw Two boys, with faces bright, Who walked together at the gate, In manner most polite. I heard a voice speak pleasantly, Till on the porch it stopped, And so I thought your manners, Tom, Outside the door you'd dropped!"

—Pauline Frances Camp.

#### FOR THE HOUSEWIFE.

Many a housewife gets into a rut in her way of cooking. The family gets tired of it, but what can they do? Try a fresh recipe at least once a week, and see how every one will enjoy it.

Housework cannot properly be accomplished unless a woman determines at the very start to have system. That means she must never let the bulk of work get ahead of her, not necessarily that she must forever keep at work. It is the woman who neglects the little affairs at home who never knows when the day's work is done. Many women work very rapidly and get through the cleaning in a comparatively short time, while others will delve along the entire day. The world is full of lifters and leaners, but the housewife is having a strenuous time if she happens to belong to the latter class.

#### TO CLEAN KEROSENE LAMPS.

There is nothing more disagreeable than the odor from a kerosene lamp which needs cleaning. If a lamp is oil soaked, it should have all the oil poured out of the tank. Clean the tank with lye water, and boil the burners in water to which must be added a good quantity of soda. If the lamp wick is old, it is best to have a new one, or boil the old one in vinegar and dry. When the lamp is again filled, put one teaspoonful of salt in the oil, and note the brilliancy it adds to the light.

#### FRUIT SPONGE PUDDING.

Make a rich custard of one pint of milk, three eggs, one dash of salt, three tablespoonfuls of sugar, one-quarter teaspoonful orange extract. Add one quarter ounce of gelatin, well soaked and softened. Have a loaf of rich sponge cake or pound cake. Slice in thin slices and pour over the cake the sirup from a jar of peaches or a strawberry jelly melted. Butter a mold and put in it, well scattered over the bottom, a few whole strawberry preserves, a few candied cherries, some candied citron and a few sultana raisins. Put in a layer of the cake, put in some preserved peaches, another layer of cake, and pour over it the prepared custard. Serve very cold. This should be made the day before it is to be served.

#### AMONG OURSELVES.

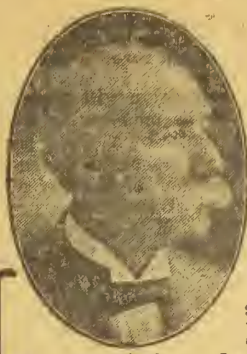
Although we have no regular book talk for our program this week, we are to have something literary, or at least with a literary flavor, from our friend Reine:

When a girl in high school I chanced upon Whittier's "Among the Hills," and it took a hold upon my imagination and my aspirations toward an ideal life which has never been loosened in the slightest degree. To many, it may prove a very commonplace poem, but to me, a girl reared in a small town with an inborn love of everything rural, it came as a complete and perfectly beautiful answer to the question, "What ought we young people to strive for as we shape our lives and characters for the future?" I have not had a copy of this little poem for several years, until I recently bought one to show "my man" in print what I had been trying to put into daily practice during our married life. It struck a responsive chord in him, just as it had in me, and I write this in the hope that my mention of it will be the means of directing others' attention to what has proved an inspiration for years. The romance will probably appeal to the young people particularly; I know I remembered it best of all as a girl. But now no other love story can quite equal my own, and the prelude gives the solid food I rather slighted then. Just now I re-read it, and with the same result—brings a lump in my throat and tears in my eyes, not of sorrow, though. Anything which moves me strongly, whether music or painting or a sermon or a poem, if it exalts my feelings, causes the tears to come very near falling. If this is read by anyone in the heyday of youth who dreads the coming years, for fear they will rob him of the romance and high ideals which are youth's own heritage, I would say I believe that if you will let this poem be your inspiration, and choose a life partner who is like minded with yourself, your country home will be a haven of rest to you, an uplifting power in the community and a place your city friends will delight in.

As everybody does not have either Among the Hills or a copy of Whittier's poems, I suggest that Reine make a synopsis of the story for us, illustrating it by brief extracts from the poem and thus more effectually pass on the message which so blessed herself.

Mrs. Macbeth this week brings that word for parents which I would like to be as regular a feature of our meetings as the Little Helps By the Way are of the Home and Homemaking section of the Home Department:

Dear mothers and fathers, do talk to your boys, as well as your girls; give them advice—good, plain, hard facts—ever respect-



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ing their feelings, ever looking out for their welfare, and do begin with them at an early age. I have two girls and just one boy, all grown to womanhood and manhood. I began with them in their youth, advising where and when I should, giving the girls good plain talks, and the boy hard, plain facts. I long ago won the confidence of the boy, as well as the girls, and I think after a mother wins that she has less to worry her. I share my children's sorrow and joys and as I reared them under adverse circumstances, is it any wonder I am thankful? The confidence alone that our boy has in me is worth more to me than wealth untold. I feel my time has not been lost. "Show me that man whose life is pure, that man who claims success; show me that man who treads the ways of fame, that man whose deeds adorn the name of truth and uprightness; whose soul knows not the tarnished blush of shame, and in his glory thus arrayed—behold a man that mother made."

Now, if some mother or father, who has had similar happy experience, will only tell a little more in detail how the love and confidence of the children were cultivated the circle will be not only inspired, but strengthened.

Mr. Robert J., who enjoys Among Ourselves, comes to share his views with us and also to make a proposition:

I agree with Mrs. A. that girls should demand purity in man just as much as man does in woman. How many boys who read this would go with a girl who smokes, or chews or drinks? I will wager not one in a hundred, and yet the girls will accept their attentions. Now, girls, when kissing games are played at parties just stand aside and watch, and when a man requests the pleas-

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ure of your company, give him the mitten if he uses tobacco or drinks. They will only respect you for it and you will find that they will soon give them up. The channels through which I think the most harm comes to both girls and boys is what are known as the questionable amusements. How many of us here dance, play cards or attend theaters? I wish that these might be discussed through the press and that those who do these things would send in arguments in favor of them that they may be answered. To any who believe the Bible I can disprove any argument they may put up. Now I hope a number will send in arguments in favor of these things and then may a number send in arguments proving them wrong. Now, lest you think that I am a minister, I will say that I am not yet nineteen, and I live on a farm.

We will give a few meetings to the discussion of dancing, if the friends will



write briefly. Confine your remarks to 300 words at the most.—200-word letters will be even more welcome. Give one or two reasons for or against and stop. Others can say the rest and change of speaker adds interest to the discussion.

The circle seems pretty much stirred up over the remarks of June Bug at a recent meeting. Aunt Violet was among the very first to rise. Let us hear what she has to say:

The letter of "June Bug" was read with much interest by me. I had been thinking all day before I received the paper, of the very same thing her letter contained. Indeed, my advice to girls is, "Never marry a man very much older than yourself." I don't know whether ten years older is too much difference in ages or not, but I do know fifteen years is. My husband is that much older than I am, and after we were married I discovered what I thought was love was only a daughterly affection. And he in return has always treated me as if I were a child. It is true he provides well for me, but no one knows, only those who are in "June Bug's" and my place, what it is to be married and not have those relations to each other which married people should have. A woman's desire is for a companion, one on whom she can bestow her caresses, from whom she can receive them. She naturally wishes to be consulted in regard to the "nicest place to plant a special tree," or "Where, Rose, had we better put your flower garden?" Many such things which husband and wife should plan together, these things which give the wife much pleasure, are denied such as "June Bug" and I, simply because our husband's are so much older and think they are wiser. I, like "June Bug," am looking for a remedy for a chronic crank. Why don't those husbands see what we

women desire? Why don't they make our lives happy as they alone can do? Let us hear from some of those husbands. Let them tell us why they don't. If there is any fault the wife's, I am sure we are willing to mend our ways.

Aunt Violet's proposition will open another discussion, if the men take up the gauntlet she has cast down, as I hope they will. Meantime let us to the matter in hand. A number of women who are the happy wives of men some years older than themselves have risen to reply to June Bug. First we shall hear Pansy:

After reading "June Bug's" denunciation of marriage with "old men," I felt that I, for one, must write and present the other side of the matter. I, too, speak from experience, my husband being fourteen years older than myself, yet I do not call him an "old man." I am sure no one could have a kinder, better husband than he is. As for thinking my ideas and thoughts childish, we couldn't be better comrades if we were the same age, and from the care he takes of me I do not think he married me only for a "housekeeper and chore boy." A man who is intolerant and unkind to his wife would probably not have been much better had he married ten years sooner. It is not the age, but the natural disposition of a man that governs his conduct. For my part, if I had daughters of marriageable age I would far rather see them marry men at least ten years older than themselves than of the same age. It is an accepted fact, recognized in law, that women age faster than men, therefore a man should be several years the older to be a woman's equal.

A couple of the men have ideas on this matter which they wish to share with us. Mr. John K. Whitehill will be followed by Mr. George B. Ham:

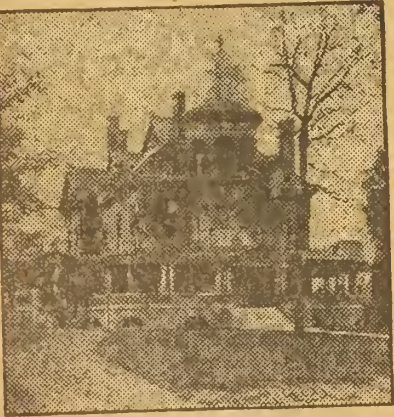
When two grow up to manhood and womanhood and agree, I say go ahead, no matter what the difference in their ages may be. I know a woman whose husband was twenty years older than herself, and a person asked her what she wanted of an old man. She replied she was looking for a good man and she was satisfied.

I, a Nebraska bachelor, clamor for admittance to reply to "June Bug" for the old men, in behalf of pure love, over which death itself is stated to have no power. Love must be regarded, regardless of the difference in years, notwithstanding huge blunders and frequent tyrannies. Love is probably the most welcome and beneficent guest that knocks at the door of the human heart. Doubtless Lady June Bug has not met with as pleasant a lot as she expected, but I do not think that the slight difference of ten years between her age and that of her husband necessarily need cause serious difficulties. Ordinarily I should suggest a difference of about eight years. But some of the happiest couples of my acquaintance have as great a difference as twenty-five years. As to a remedy for a chronic crank—one who would find fault with the angel Gabriel—the best remedy that I can recommend, for both your own and his future happiness, is to treat him as the angel Gabriel would—with a smile and pleasant word.

This subject will bear further discussion. It will be continued for a few weeks. May I suggest that companion pieces to talks from the wives of men older than themselves would be welcome? It would be interesting, I am sure, to hear from men who married women from ten to twenty years younger than themselves.

Mrs. C. A. asks our attention for a few moments while she tells how she cans beef for summer use:

I have seen so many good things in this department that as it is time to care for the summer's meat I thought I would send my way of canning beef. It is so nice and retains all strength and flavor. Cut meat from bones and cut in pieces suitable to pack in glass fruit jars, pepper and salt as for immediate use, then fill jars to the rim and tamp down so there are no air spaces, put on covers and place cans in the boiler with a lath frame on the bottom, or hay, to keep the jars from breaking. If hay is used it can



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Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are ailing, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000.00 worth is all gone.



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be put between the jars, too, to keep them from striking together if they boil hard. Fill boiler up to neck of jars with cold water and boil two-quart jars two and one-half hours. Use new rubber and if rubbers are put on at first, take jars out and tip them up to see if they leak, just before time to take them off, and if not, take out just before you take them off and place rubbers and set in again long enough to boil up. This is fine and keeps well. I have a pint jar left over from last year; I found it in with my fruit jars.

#### Dressmaking and Millinery. No. 557.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

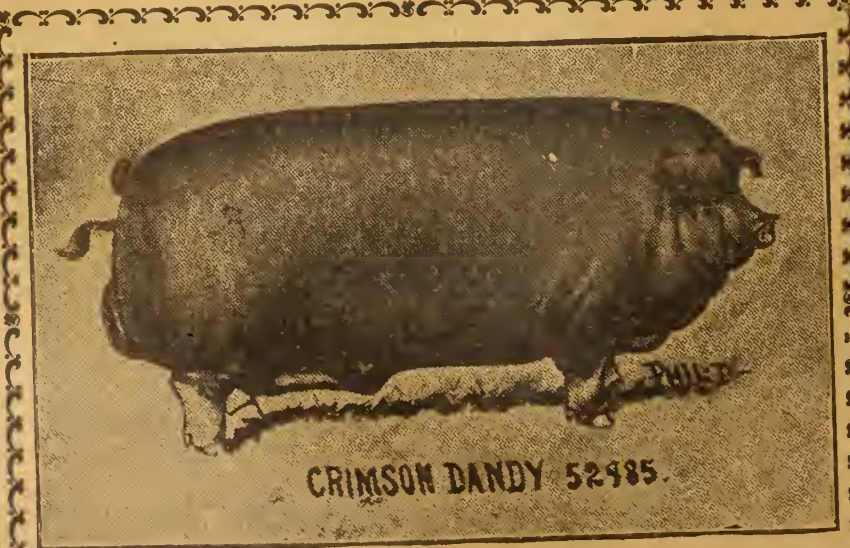
Plaids, checks and stripes are all to be noted in the early showing of spring fabrics.



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The above is a correct likeness of Crimson Dandy, a grandson of Crimson Wonder. He is now in the herd of Mr. S. J. Tillman, of Ragan, Neb., and several of the best sows in his February 27th sale are bred to him.

rics, but it is noticeable to what an extent the "hairline" effect marks these. In the plaids this hairline is often in the nations and lines, the lawns, ginghams, etc., while the material may be in a solid color or white, many of them show a satin (or mercerized) plaid or striped effect. It is well to note this, as when one is purchasing it is well to be posted in regard to the leading and newest lines.

The Empire modes being still greatly favored assure us of the same effect being continued in our garments cut on other lines, and therefore the shortening of the waist at the back and the dropping of its line at the front is evident. This effect is brought about by the adjustment of the skirt band, lifting ture of a silk or satin stripe forming an overplaid, the under tint or color of the material harmonizing with or even contrasting with this. The body color may be in a very pale shade, while the lines may be of a very deep color. Many of the spring fabrics are of the sheer or transparent order, even in the woollens, the stripe or overplaid being then more of a "feature" because of its heavier effect. Even in the sheer cotton at the back and drawing it down at the front, or by the shaping of the girdle. By the way, it is also "therefore" very evident that the shaped girdle will pay an important part in our list of dress accessories.

The tucked blouse or shirt waist still retains its favor whatever may be the vagaries of fashion in other lines, and the design shown in 5511 is one of the most desirable, whether it is to be made up as part of a costume or in silk or in white. The novel arrangement of the tucks gives both slenderness and breadth of shoulder, and these items are to be considered in the spring gar-



ments. Four deep tucks extend from the shoulder to the waist line at both front and back, while tiny tucks that give a yoke effect are arranged at the front. The closing is made invisibly beneath the wide tuck at the left of the front. The sleeves are pictured in both elbow and full length, the pattern providing for both. They conform to fashion's latest decree that sleeves shall be slightly diminished in size. The pattern provides also for a fitted lining, but this will

The pattern provides for a lining, but this may be omitted if preferred. The Peter Pan collar may be made to be worn at will, or it may be joined to the neck of the dress in



[5511 Tucked Blouse or Shirt Waist, 32 to 42 Bust.]

be omitted in most instances. Pattern No. 5511 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure.

A novel and certainly most natty costume for the school girl is seen in No. 5560. It has the shirt waist effect, and yet it is made up with skirt and waist joined in a seam at the waist line. There are the "shirt waist" tucks at the shoulder at the front and extending the entire length of the back. The skirt is pleated and may be finished with the yoke or plain, as desired. The sleeves are to be made in either elbow or full length, charming cuffs finishing the elbow sleeve.



[5560 Girl's Blouse Costume, 8 to 14 Years.]

making. Pattern No. 5560 is cut in sizes for girls 8, 10, 12 and 14 years of age.

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Ill.

## 15 PREMIUMS FREE! READ OUR OFFER.



Cut this out and mail to us, naming your express office, and we will ship you two Boxes consisting of 50 of our Choice Brands 10 cent Cigars, C. O. D. \$5.95, and in same package will ship you Absolutely Free, One Automatic Double Action S. & W. Model Revolver, One Genuine Stem Set and Stem Wind Watch fitted with American Movement, warranted One Year, One Full Hollow Ground Razor worth \$2.50, Six Triple Silver-plated Tea Spoons, One Rolled Gold Watch Chain, One Gold Plated Watch Chain, One Tie Holder, One Collar Button, Two Sleeve Buttons. Fifteen Presents Free, if you allow us to send you in same package the Two Boxes Cigars C. O. D. \$5.95 and allow Full Examination to your nearest Express Office. Send No Money. If you don't think Cigars and Fifteen Premiums worth three times the amount, don't pay one cent. We take all the risk. Order now! Address, CANDOR SALES CO., Candor, North Carolina.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

The International Sunday-School Lesson.

First Quarter. Lesson VIII. Genesis xvi, 5-16. February 24, 1907.

### God's Covenant With Abram

Nomadic life has always its own strong attraction. But the story of the migrations of this first of pilgrim fathers has a fascination peculiar to itself. Before the eye of imagination his caravan seems to pass. There goes the venerable sheik, clad in his crimson robe, wearing his silken turban with its fillet of rope. His "princess," in all her Oriental finery, rides beside him. There are the armed scouts on fleet horses; the noisy herdsmen, urging on the flocks and droves; the women and children, a thousand souls and more; and the long train of beasts of burden, carrying the impedimenta of a great camp.

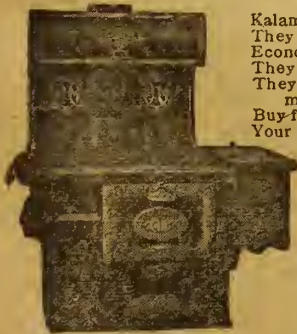
They pass by Damascus, the superb, and leave the snowy heights of Hermon and Lebanon to their right, and the Sea of Chinnereth to the left, and pause at the oak grove of Moreh in Shechem, while Beal and Gerizimi look down

at them. On they move through the lovely plain of Esdrelon, strewn with its roses of Sharon in patterns more beautiful than any Brussels, down into the rich Jordan Valley, under the beetling crags of Gilgal, up Salem's steeps, on to holy Hebron and Adullam's weird cave—through the whole land, from Dan to Beersheba, they wander as fancy takes them, or the necessities of their flocks and herds require.

But the sacred character of the pilgrims and the pilgrimage is never lost sight of. Abram is priest as well as king of his tribe. The caravan never halts without an altar being upreared. The idol-worshipping Canaanites look on curiously as the smoke curls up before an invisible God. Abram's whole retinue understands and shares his high hope and purpose. The morning and evening sacrifice keeps them constantly in mind of it.

Abram's noble generosity has marked exemplification in his dealing with Lot.

## "A Kalamazoo Direct to You"



Kalamazoo are fuel savers,—  
They last a lifetime—  
Economical in all respects—  
They are low in price and high in quality,—  
They are easily operated and quickly set up and made ready for business,—  
Buy from the actual manufacturer,—  
Your money returned if everything is not exactly as represented—  
You keep in your own pocket the dealers' and jobbers' profits when you buy a Kalamazoo.

### WE PAY THE FREIGHT.

We want to prove to you that you cannot buy a better stove or range than the Kalamazoo, at any price.

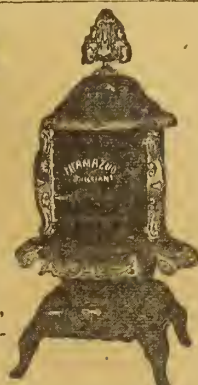
We want to show you how and why you save, from 20% to 40% in buying direct from our factory at factory prices. If you think \$5, or \$10, or \$40, worth saving

Send Postal for Catalogue No. 165

Examine our complete line of stoves and ranges for all kinds of fuel. Note the high quality; compare our prices with others, and then decide to buy from actual manufacturers and save all middlemen's profits. Catalog shows 267 styles and sizes for all kinds of fuel. Write now. Sold on 360 Days Approval Test.

Kalamazoo Stove Co., Manufacturers, Kalamazoo, Mich.

All Kalamazoo Cook Stoves and Ranges are fitted with patent oven thermometer which makes baking and roasting easy. All stoves blacked, polished and ready for immediate use when you receive them.



OAK STOVE HEATER,  
For All Kinds of Fuel.



Oven Thermometer

His tact and prowess shine in his pursuit of the four kings and rescue of his nephew, his magnanimity in his refusal to take thread or shoe latchet from the spoil. There are two blots on the escutcheon of this high-minded patriarchal prince—his timorous duplicity in Egypt concerning his wife; again, his overhaste and use of human expedients to fulfill God's promise in the taking of Hagar to wife. But these are mere specks upon an effulgent disk. Abram was twenty centuries beyond his day in character and in manner of life.

God disciplined His servant for these lapses—in the first instance, by a rebuke from the lips of a heathen monarch; in the second, by withholding from him for thirteen years any visible manifestation of Himself. But at length this long period of correction ended with the sudden outbursting of the glory of the shekinah upon his dreary path.

There is a significant change of name ordered in the case of each party concerned in the covenant. The Deity Himself condescends to follow the custom of man and at this juncture give Himself a new and significant name; namely, El Shaddai—the All-sufficient God. Abram's name is changed from Exalted Father to Abraham, Father of Nations. Sarai, my princess, to Sarah, princess universal. This change of name was a device of the eldest times, when means of intercommunication and record were scarce, to arrest attention and fix in memory important events and change of circumstance. By this means it was advertised to Abram's motley clan, and the surrounding tribes as well, that this aged sheik should miraculously beget a son by his own and venerable wife, from whom in turn should spring noisy masses and tumultuous nations.

The pledge of this incredible circumstance was the new name of the Deity. He was "sufficient" for this thing. "I am the Almighty God." On that golden

hook Abraham could hang his faith. And he did! He fell on his face, in that very act of adoring worship, appropriating the promise in all its fullness. In the injunctions, "Walk before Me!" and "Be perfect!" there is gentle hint of the times when Abraham had failed to see the Invisible, and had stooped to ignoble devices to ward off imaginary dangers.

This is no new covenant, but the happy assurance that Almighty God is rising to set in motion toward their blessed consummation the contents of the covenant, the first elements of which were given at least thirty years before in Ur of the Chaldees.

### Analysis and Key.

1. Nomadic life: Its attractions. Abraham's journey through Canaan. Its sacred character: Sign of it.
2. Abraham's generosity with Lot.
3. Abraham's lapses; their punishment.
4. The covenant. Change of name in contracting parties. Promise of descendants. Pledge of it.

### The Teacher's Lantern

What a bugaboo perfection is to many people. Yet twenty centuries before Christ, God commanded Abraham to be perfect, and Jesus, with this very command apparently in mind, directs His disciples to be perfect, even as their Father is perfect. Yet many seem to pride themselves upon their imperfection, to even boast of it. He magnifies the grace of God most who lets it work to the uttermost in his heart.

El Shaddai should be the mystic talisman, the broad phylactery bound upon our foreheads. God's almightiness ought to stir our feeble faith, make us realize the promises, however exceeding great they are.

Saved from many a snare would we be if we only walked before the Lord, conscious that His eye was on us from



above. "Thou God seest me." The Lord said, "Walk before Me." The thought of a continued purpose inheres in the Word—set thyself, be firmly purposed, thoroughly determined to obey before Me. God and His Church need such today.

Frederick W. Robertson, in his charming sermon, "The Illusiveness of Life," flatly denies that God fulfilled His promise to give Canaan to Abraham and his descendants. He goes further to say that He never intended to fulfill it. He could only beguile a gross Israel from the flesh-pots of Egypt by offering them something of the same sort—a land flowing with milk and honey. If He had told them that the "rest remaining for the people of God" was only inward and spiritual, and the promised land was the Jerusalem above, they would never have budged. So God offered one thing, but gave another—compensated for His failure by bestowing something greater.

Dangerous and excessive spiritualizing, this. We all recognize God's educative processes with His ancient people, and their steady advance in the apprehension of spiritual truth. But we resent the idea of any double entente in the Divine method. Here was a solemn covenant, the explicit terms of which were attested by an oath and sealed with a sign. Robertson does not prove that the covenant was not literally fulfilled. If it was not fulfilled, I would rather believe, as many do, that God will yet make good His promise by giving Palestine to the Jews, than to believe He never intended to give it to them.

Truth is, literal and spiritual run side by side in the history of God's favored people. Abraham is literally a father of nations—Arabia, Midian, Ammon, Moab, as well as Israel. But he is also the Spiritual Father of the nations that are now being born in a day by the preaching of the gospel. Kings are his offspring—David and Solomon, literally; all believers spiritually, who are made "kings unto God." His descendants are literally and phenomenally numerous, but his spiritual descendants are already numbered by the hundreds of millions.

## OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

### ABOUT FEEDING GRAIN TO EWES.

The following inquiry has been received:

My sheep are in very poor condition. Next month will be lambing time and I would like to know if there will be any harm in feeding grain, and please state what kind.

There will certainly be no harm in feeding grain to pregnant ewes, particularly those that are poor in flesh. If the ewe does not get sufficient food to maintain herself, we cannot expect her to produce a strong, vigorous lamb. There are many poor and stunted lambs dropped because of under-feeding rather than over-feeding.

As to the kinds of grain to feed, oats should be the largest part of the ration. Two-thirds oats and one-third corn is a good ration for the ewe, and bran should be included for a month or more prior to lambing. Wheat might take the place of corn, but be careful of feeding much wheat to a sheep unused to it. In starting to feed grain, begin with only a handful per head each day and increase it gradually. A half to three-fourths of a pound per day should be fed the ewes, and if you are obliged to feed timothy hay, a pound of grain with less hay will give better results.

### AVOIDING FOOT ROT IN THE FLOCK

Foot rot is an old and familiar disease. This very fact has made a good many flock masters and farmers careless regarding its prevention. Every now and then the beginner or the old breeder learns the lesson of careless and scanty bedding in the quarters of a flock. Foot rot is simply what its name implies, a rotting of the horny and calloused parts of the hoof. This is caused by allowing the sheep to stand in damp and wet quarters. The moisture under foot keeps the hoofs tender and swollen, and the result is that parts of the foot rot and fall away, exposing the sensitive parts, which causes the animal to go lame. This naturally brings about an unthrifty condition.

The prevention of this trouble is very simple, so simple, in fact, that it seems altogether unnecessary that breeders should allow it to happen in their flocks. Keep the under footing in the sleeping quarters dry at all times. This is not a difficult matter, for sheep are naturally clean. Many of the best sheepmen do not clean out the quarters more than a few times during the entire year; instead, the quarters are bedded regularly with a few inches of straw. This keeps what little moisture there is absorbed and saves the trouble and unnecessary labor of cleaning the quarters often.

The time from now on until spring is a critical period with the breeding flock. The thriftiness of the spring crop of lambs will depend on the thriftiness of the flock during the coming few months. At the present price of mutton every farmer and breeder can well afford to be extra careful in the sheep cote.

### Classification of Wool.

Wools, according to their length and strength, are divided into clothing which is short, being about two inches, or it is weak; then there is the delaine class, which is a fine wool from two to three inches long in fiber. The other class is a combing, which is a strong wool over three inches long. This classification depends altogether on the length and strength of the wool. Considering first, clothing wool, which is used for making flannels and certain kinds of rough cloth, shortness in fiber is its leading characteristic. If the fiber of a fleece, however, is four inches long, it would, on its length, be classified as combing wool, but if that fiber has a weak spot in it where it readily breaks it passes from the combing class into the clothing class and drops two or more cents on the pound in price. The delaine wools are fine wools that are not longer than three inches. They are used for making the finest kinds of cloth. The combing wool must, in the first place be strong, to stand the process of combing, and with that the greatest length is desired. In further reference to the quality of



## A Tank It Pays to Buy

Don't confound the "Bushnell Pump Co.'s" tank with other tanks. The Bushnell is in a class by itself. Here are some of the reasons:

Big, thick staves that are made to fit from edge all the way down. Machinery makes every joint perfect. Lumber especially selected for tank purposes, not cast-off pieces from furniture and other factories. Every Bushnell tank tongued and grooved. We're ready with the machinery to do it right. Other tank builders do it just occasionally "to meet Bushnell Pump Co. competition" doing it then as best they can. Strong, heavy steel hoops. We give them to you round or flat. Adjustable patent draw lugs; look at the picture and you'll see what we mean. You can always keep your tank hooped up snug and tight. Galvanized hoops when wanted. Tank lasts a lifetime.

We can give you any size you want—2 to 16 feet high, 4 to 16 feet in diameter. Capacity from 5 to 760 barrels.

Don't forget the long line of Bushnell Wood and Iron Pumps, Steel Tanks, Iron Pipe Fittings and general line of Steam and Well Supplies. Write for descriptive matter. If your dealer does not have our goods in stock, send us his name and address.

**THE BUSHNELL PUMP COMPANY, Dept. C, Bushnell, Ill.**

the wool, in examining a fleece, it should be noticed that the length and the density are even over all parts. Considering first the length, the fleece should be examined at the brisket, on top of the back, along the side of the thigh and on the belly. As a rule sheep fitted for show are trimmed in such a way that the wool in front of the brisket is much longer than on top of the back, and the same may be said of that on the sides. In an untrimmed sheep, on which the wool has grown naturally, it will be found that there is a natural variation in the length of the fiber on different parts of the body. The wool on the brisket will invariably be found to be longer than on the top or in most other parts. The density of the fleece may be determined by the feel of it under the hand. If the fleece feels firm and it seems to be compact, it is likely dense.—(Craig's "Judging Live Stock.")


### A. T. Sundell's Sale.

Another good average has been made on Duroc Jerseys and this time it is to the credit of Mr. A. T. Sundell, who sold a splendid collection of forty head on his farm between Boxholm and Paton, Iowa, February 7th. An elegant day brought out breeders from all directions and bidding moved right along in the hands of Col. C. E. Luther from the start of the selling until the finish. One of the best numbers of the sale was a March gilt sired by King West 26163 out of a dam by Lord Roberts 17329. She went to Mr. S. E. Eakle, of Prophetstown, Ill., for a round \$200. The quality of the offering was first class as will be substantiated by the following list of purchasers:

Lot.	Price.
1 Munson Bros., Gowrie, Iowa.....	\$ 55
2 J. M. Summers, Farnhamville, Ia....	51
3 G. P. Luther, Hoopole, Ill.....	60
5 G. J. Rinker, Ogden, Iowa.....	70
7 J. F. Clouss, Clare, Iowa.....	53
8 Wm. Sticklemeyer, Paton, Iowa.....	40
9 E. Lind, Boxholm, Iowa.....	42
11 L. Johnson, Paton, Iowa.....	51
12 R. A. Bergendahl, Pilot Mound, Ia....	40
19 Roy West, Bondurant, Iowa.....	41
22 G. W. Rinker.....	50
23 B. C. Martz, Polk City, Iowa.....	52
24 G. W. Rinker.....	44
32 R. A. Bergendahl.....	40
33 J. J. Vosika, Pocahontas, Iowa.....	40
34 W. J. Davis, Paton, Iowa.....	40
Average on 38 head.....	\$45.30

### Facts for Stockmen.

No combination of figures or long line of ciphers, can give a just idea of the colossal proportions of the cattle industry as carried on by American farmers and ranchmen. Statistics of a year or so back tell us that 17,000,000 cows and more than 43,000,000 other horned cattle, roamed the great ranges of the West, or fed in farm yard and stable in every state of the union. All this stock reaches a total valuation of one thousand three hundred million dollars—figures too large to get hold of with any clear comprehension. Now, in view of the immensity of this great business, what would it become in the future if all needless waste were eliminated? For there is waste, enormous and useless. Cattlemen are just beginning to realize how much has been lost by lack of system and the happy-go-lucky methods of a past generation of great cattle kings, and how great a loss there still is today in every stable and on every farm. Success now depends upon economical methods—not on the thousands of head a man counts in his herds. Every pound of hay or grain is carefully reckoned with in these days, and the individual animal required to return the greatest possible growth or increase for the outlay. To further this desired result, knowing feeders give Dr. Hess Stock Food in small doses twice a day, because experience proves its great value as a digestive tonic and flesh builder. Common sense tells us that an animal in confinement is surrounded by unnatural conditions. When such conditions are



### The "STAY THERE"

Aluminum Ear Markers are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address: WILCOX & HARVEY MFG. CO., 107 Lake St., Chicago, Ill.

### SHEEP.

## Glover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growing rams and ewe lambs. Also 150 beautiful yearling ewes bred to 255 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

**Chandler Bros., Kellerton, Ia.**

## Ewes for Sale

THE Iowa State College is offering twenty Shropshire, Oxford and Southdown ewes for sale at very moderate prices. Address:

**DIVISION OF AGRICULTURE, AMES, IOWA.**

### Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

**GEORGE ALLEN, Lexington, Neb.**

**Registered Shropshire Rams and Ewes** of the best breeding. Willard Miller, R. P. D. No. 2, Audita, Iowa.

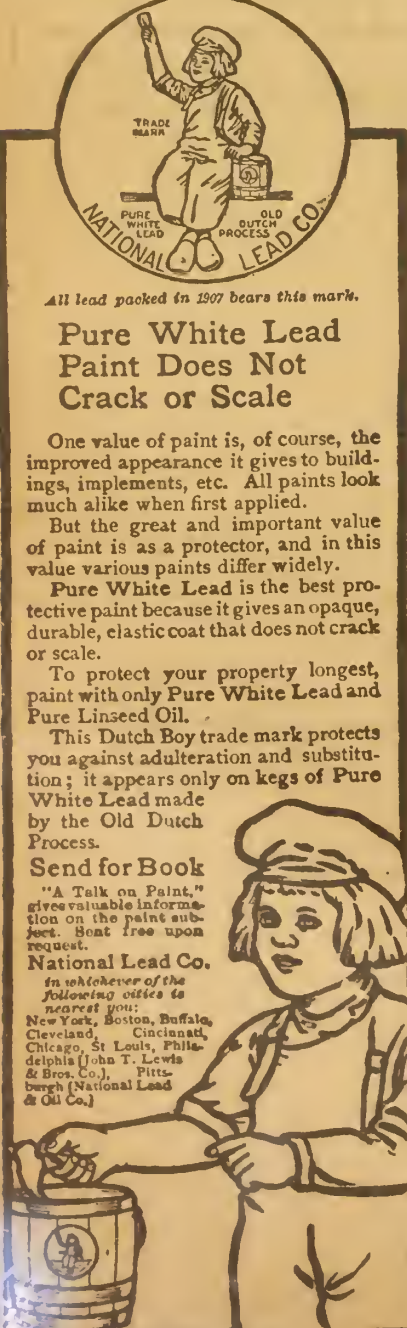
**15 Registered Shropshire ewes, bred to imported** Minton ram. W. C. Frazier, Atlantic, Calhoun county, Iowa.

made still more unnatural by the use of dry feed, nature must be assisted in her struggle for a proper balance and action of animal functions. Dr. Hess Stock Food maintains this balance and activity of the animal economy by so assisting and strengthening the digestive organs that the maximum amount of nutriment is assimilated and converted to growth, fattening, or secretion of milk. That Dr. Hess Stock Food actually accomplishes this desired end is abundantly proved by the unsought testimonials of thousands of successful feeders, and by the endorsement of the agricultural department at Washington. Furthermore, Professors Quimman, Winslow and Finley Dun—acknowledged authorities on such subjects—state that bitter tonics, iron for the blood, and nitrates to expel poisonous matter (all of which enter in the composition of Dr. Hess Stock Food) are essential in maintaining the highest degree of animal health and efficiency. With such abundant proof of actual value, farmers everywhere are turning to Dr. Hess Stock Food as the one thing necessary to put the feeding business on a paying basis. By its aid the margin of profit, sometimes so narrow as to come dangerously near actual loss, is increased till a year's operation shows a substantial balance on the right side of the ledger. Bear in mind, then, that nothing "tones up" a feeding animal, gives such good health and increased appetite, as Dr. Hess Stock Food.

A little twice a day in grain ration solves the feeder's most serious problem, and places his business in the front rank as an agricultural stand-by.

**SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.**

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B.



**TRADE MARK**  
**PURE WHITE LEAD**  
**OLD DUTCH PROCESS**  
**NATIONAL LEAD CO.**

All lead packed in 1907 bears this mark.

## Pure White Lead Paint Does Not Crack or Scale

One value of paint is, of course, the improved appearance it gives to buildings, implements, etc. All paints look much alike when first applied. But the great and important value of paint is as a protector, and in this value various paints differ widely. Pure White Lead is the best protective paint because it gives an opaque, durable, elastic coat that does not crack or scale. To protect your property longest, paint with only Pure White Lead and Pure Linseed Oil. This Dutch Boy trade mark protects you against adulteration and substitution; it appears only on kegs of Pure White Lead made by the Old Dutch Process.

**Send for Book**  
"A Talk on Paint," gives valuable information on the paint subject. Sent free upon request.

**National Lead Co.**  
In whichever of the following cities is nearest you:  
New York, Boston, Buffalo, Cleveland, Cincinnati, Chicago, St. Louis, Philadelphia (John T. Lewis & Bros. Co.), Pittsburg (National Lead & Oil Co.)



## ADVERTISING NOTES.

Mr. W. J. Stone, of Ludlow, Ill., has a 480-acre farm located near Arthur, North Dakota, in the Red River valley, for rent. This farm is all plowed and ready for crops. There is a new house and barn on the farm, fifteen acres pasture and fifteen acres of corn ground free. Grain rent will be accepted and seed furnished. See advertisement on page 27.

His Majesty King Edward VII recently issued a royal warrant to the manufacturers of the well-known Cooper Sheep Dip which indicates that this preparation has been selected for future use upon the royal Sandringham flock of Southdowns. This compliment to Cooper Dip is well deserved, the merits of which are known to the leading sheepmen throughout the world.

The Tonic Stock Food Company, of Elgin, Ill., are placing their Tonic Stock Food on the market, and in their advertisement on page 6 of this issue the price at which a 100-pound sack can be obtained is plainly stated. They also have a special premium offer that they desire Homestead readers to write for in case dealers cannot supply this stock food. Ask them for full particulars.

Mr. Louis B. Losse, of Milwaukee, Wis., has just issued a catalog which he will send free quoting prices on groceries, hardware, farming tools, etc. This he will send free to Homestead readers. In his advertisement on page 4 he states that he can save money on everything used in the home or on the farm. He refers our readers to the First National Bank, any express company or business house in Milwaukee as to his responsibility.

Several good farms are offered for sale by Mr. J. L. Griswold, of Dodge Center, Minn., in his advertisement which will be found on page 27. These farms range in size from 320 to 530 acres. They are all tillable and mostly well improved. The prices that Mr. Griswold is asking for them are named in the advertisement. He has farms of all sizes, located in southeastern Minnesota, and he would be pleased to give our readers further information in regard to them.

Mr. J. Haleen, of Dayton, Iowa, has a highly improved Iowa farm consisting of 320 acres of the finest black land in central Iowa which he is offering for sale in his advertisement on page 27 of this issue. The improvements are an eleven-room house, a barn that holds 100 tons of hay and fifty head of stock, and seven other good-roofed and painted outbuildings. The farm is located near three good towns and there is no timber or rocks on it. Sixty bushels of corn to the acre was raised last season. He also has a nicely-improved eighty-acre farm located in Poweshiek county, Iowa, and at

the prices named in the advertisement, to which we above refer, they certainly should be bargains. Write Mr. Haleen for further particulars.

Mr. G. Gregory, of Ralston, Iowa, has early Champion seed oats for sale. They weigh thirty-six pounds to the bushel and have been re-cleaned. They were treated for smut last spring. His advertisement appears on page 13 of this issue.

Messrs. Cameron & Duncan, of Melita, Manitoba, Canada, are advertising for sale on page 27, unimproved prairie land and improved farms. They advise us that these farms are all well located near good towns with churches, schools and telephone systems. On some of their lands the rate of interest is only 5 per cent with ten year payments. Write them for list after reading the advertisement referred to above.

In the buying of seed corn one naturally wants the best—the purest strain—free from contamination of inferior grades. No other kind will bring the results so eagerly desired. Poor seed brings poor corn, and nibbins are a poor investment. There is a satisfaction in knowing beforehand that such goods as one orders will be just as represented and those desiring the finest corn grown are asked to note the advertisement on page 12 of this issue of Messrs. W. W. Van Sant & Sons, Box 16, Farragut, Iowa.

During the recent cold wave over the entire country, when the plateau lands of Idaho and Washington were tied up by a temperature of from 18 to 26 degrees below zero, Lewiston-Clarkston, at the head of navigation in the Columbia valley, had mild, clear, invigorating weather, the lowest drop of the thermometer on one night being 2 degrees below zero. In the famous Yakima valley, the thermometer registered from 17 to 26 degrees below zero. The snowfall all over the Inland Empire country ranged from one to four feet in depth, but in Lewiston-Clarkston it was not more than four inches at the deepest. They could not have had more perfect weather for orchards and vineyards.

## BROME GRASS SEED FOR SALE.

Mr. Geo. W. Schwab, of Clay Center, Neb., wishes to say that he has a fine lot of Brome grass seed for sale which will be priced right if taken at once. This grass is a very valuable pasture for horses, cattle or hogs, is easy to get a stand and one of the longest lived grasses to be found anywhere. Write him for prices on any amount, and mention The Homestead.

## A RELIABLE SEED HOUSE.

Messrs. Currie Bros., of Milwaukee, Wis., are one of the largest farm and garden seed houses in the West. This concern have worked up an enviable reputation on the reliability of their seeds. Their favorite phrase, "Currie Bros.' seeds always grow," is justified in their large and growing business. They make a specialty of northern grown seeds. Write for their new seed annual, just off the press. It's sent free. See advertisement on page 12.

## ENGLISH EVERGREEN HEDGES.

Beauties they are. Once in a while they are seen in America, especially in the older settled portions. They're useful, too. If allowed to grow quite tall they make a valuable wind-break. It doesn't cost much to get the first four trees. Six hundred thousand sample evergreens have been reserved by the Gardner Nursery Company, of Osage, Iowa, to send free to property owners who write them. Here is a good way to get a start. See advertisement on page 13.

## RED TAG TREES.

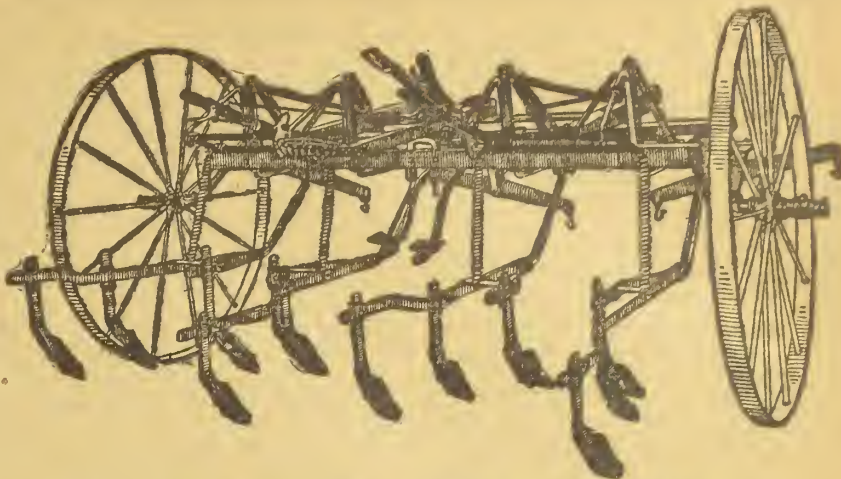
Red Tag trees are the trees with the red tag. They are the trees from the Phoenix Nursery Company, of Bloomington, Ill. They are the sturdiest and best stock that experience and good soil can produce. The Red Tag trees are known all over the country. If you are not yet acquainted with the Red Tag and know what it means, you should send today for a free catalog which tells all about a complete stock of nursery trees and plants that this company will soon send out to its different patrons all over the country. Kindly mention this paper when writing for catalog. See page 13.

## THE MONARCH SEPARATOR.

The Monarch Separator involves a number of new ideas in its construction. It is exceedingly light running and convenient in its entire makeup. It is simplicity itself and consequently it has lasting qualities because there are few parts to wear out. It is built to save not only all the cream, but to save the strength of the man who operates it to the greatest possible extent. If you will turn to page 8 of this issue you will find the advertisement of the Monarch separator. It is manufactured by the Lisle Manufacturing Company, Box 39, Clarinda, Iowa. Upon request, this company will send you a free catalog telling all about this separator. When you write state the size of your dairy herd, and please mention The Homestead.

## THE BEST SEED CORN.

The best seed corn is that variety of corn that is best suited to the climate and soil of the country wherein it is to be grown. There is no one variety, or several varieties for that matter, that are the best to grow in every part of the corn belt. All those who have given the study of corn any attention well know that there are a great many farmers who have, by careful selection, developed a type of corn that is probably more exactly suited to their farm conditions than any type that they could buy. In Winneeshiek county, Iowa, lives a farmer who has devoted a great deal of attention to developing corn that is best suited to the environment of the farms in a great part of the corn belt. The supply of this variety of seed corn has been placed in the hands of the Adams Seed Company, of Decorah, Iowa. Professor Holden, a world-wide authority on corn, says that Goddard's "Silver King White Dent" is a remarkable corn and one of the very best. This is certainly a high recommendation and should be fully appreciated by seed corn buyers. There is a very interesting history of this variety of seed corn, and if you are interested it will be sent you on request. The Adams Seed Company also carry a wide line of home-grown grain and grass seeds. The adulteration of seed nowadays is so great that it pays to buy solely of the most reliable firms. In ordering of this company we think you can make no



## A Boy and Three Horses Can do the Work of Two Men and Four Horses

When your corn needs cultivating it needs it bad and you know that you lose money every day it is left uncultivated.

It is true that with plenty of help it is no difficult matter to cultivate every acre at just the right time.

But—

When you need help the very worst way it is scarce and you know how hired help cuts into your profits.

We have just issued a book on the Midland Cultivator. Those who have seen it say it is one of the most interesting and instructive books ever issued for corn growers.

There are ten articles, each one written by an expert in his particular line. Some of the writers are: O. L. CENTER, Professor of Agriculture Illinois University, A. F. WIANCKO, of the Lafayette Experimental Station, O. E. YOUNG, Secretary Michigan Corn Improvement Ass'n and F. W. TAYLOR.

### "MIDLAND" TWO ROW CULTIVATOR

Now, if you knew of a cultivator that would enable you to get on with less help you would be interested, wouldn't you?

Such a machine would pay for itself in one year.

Any young boy with three horses on a Midland Two Row Cultivator can cultivate as much corn as two men and two teams using one row cultivators.

That's the kind of cultivator you want, isn't it?

Chief of Departments of Agriculture and Horticulture, World's Fair, St. Louis.

This book is FREE to every corn grower who is using one row cultivators and will write and tell us so.

Better send for a copy today. Learn more about the Midland and read the most interesting articles every written on corn growing.

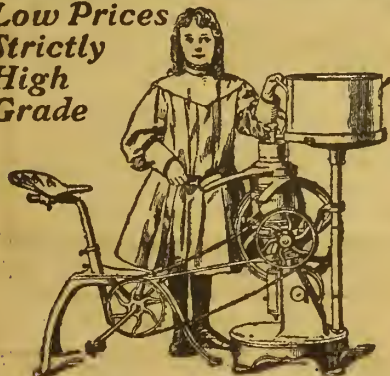
### MIDLAND MFG. CO.

102 Main St.

TARKIO, MO.

## Great Reduction Cream Separators

Low Prices  
Strictly  
High  
Grade



We have now put the prices of Cream Separators down to the lowest point ever reached for high grade machines. We are enabled to do this at this time by reason of the very large demand and great volume of sales, and because of improved machinery, factory short cuts, modern methods and our usual liberal policy of giving our patrons all the benefits possible on everything they buy of us. This is done for your benefit, and we want YOU to consider this as a personal reduction made to induce you to put off no longer the making of all the profit you can from your cows to settle the matter once for all in your mind that right now and here is the greatest opportunity ever offered you to secure a high grade, guaranteed Cream Separator at a great cash saving in price, for the very least money a cream separator of this high quality was ever put on the market.

## Reduced Prices:

Model	Capacity per hour	Price
Mawthorne No. 1, 250 lbs. milk	\$33.50	
Mawthorne No. 2, 350 "	\$37.50	
Mawthorne No. 3, 500 "	\$42.25	
Golden Harvest No. 4, 350 "	\$41.95	
Golden Harvest No. 5, 500 "	\$44.40	
Golden Harvest No. 6, 650 "	\$48.00	

We also sell the Little Marvel, capacity 175 lbs. milk, for \$27.00.

These prices are obtainable only of Montgomery Ward & Co.

They are spot cash prices, and every one sold at these prices is fully guaranteed to give perfect satisfaction in every way. If after thirty days' use you find any cause for complaint, write us fully all about it. If we fail to satisfy you in every way we will write you where to ship it, and will refund every dollar you paid for the machine, including your freight. Under this positive guarantee you are safe in trusting your order with us. You will find our Cream Separators to be the closest of skimmers, easy to handle, easy to clean, World's Fair winners and money makers for you right from the start.

A Montgomery Ward & Co. Cream Separator adds the profit of one cow to every four cows in your herd.

And at our reduced prices any of our machines will soon pay for itself and give you a regular, steady profit well worth your while to consider. Do either one of two things today. Either send your order right in to us for a Cream Separator, or send to us for our Special Cream Separator Catalogue.

WE ARE READY to assist you to make all the profit there is in your cows. We make it easy for you, by our greatly reduced prices. Take advantage of this reduction at once. Order your Separator sent you today.

### Montgomery Ward & Co.

Michigan Ave., Madison and Washington Sts.  
Branch House: Kansas City Chicago

## A Shady Transaction

If anybody sold you some lumber and if upon careful examination you discovered that it was really not solid timber but merely short pieces spliced together you would call it a shady transaction. That is about the kind of a proposition you are up against when you buy cut stay fence.

It's really not a first-class, full strength product. About half of its strength is wasted—sacrificed to convenience and speed in manufacture. Our stay wire is NEVER cut. It runs continuously up and down across the fence for many rods without an end, thus preserving and utilizing ALL the strength and service there is in the wire.

**30 Days Approval.** Let us prove to you that Advance Fence is the best made fence on earth. We offer to ship you all you need on 30 days approval. We want you to examine it carefully and compare its construction with other fences. You may stretch up a part or all of it and turn your stock against it. In fact give it any kind of a test you wish.

Then we will let you be the judge—absolutely. If you do not like it send it back and it won't cost you a cent as we will pay freight both ways and refund to you every cent you paid. We know that Advance Fence will please you or we would not dare make this liberal offer.

**We Prepay Freight** and guarantee safe delivery of shipment. You take no risk whatever. Write for our Free Fence Book and Prices.

**Advance  
Fence Co.,**  
34 Old St., Peoria, Ill.



## THE "DENNING" FENCING IS FAMOUS

For its "Peerless Tie" close mesh, strength and durability. Our motto is "not how cheap but how good." Yet our prices are as low as any compared with weight. We use the best galvanized steel wire. Our hog fence is superior. Our poultry fence beats the world. Our lawn fence is ornamental. Our slat corn cribs and steel grain bins are popular. Ask your dealer, or write us for catalogue.

THE DENNING WIRE & FENCE CO. : : Cedar Rapids, Iowa

mistake. If you want the history of the "Silver King White Dent," as well as a catalog of the standard varieties of field grains, garden and flower seeds, write your request to the Adams Seed Company, Decorah, Iowa and kindly mention this paper when so doing. See advertisement on page 12.

## THE DENNING FENCE.

The Denning Wire & Fence Co., of Cedar Rapids, Iowa, have been faithful advertisers in the columns of The Homestead for a number of years. This to us is an indication of two things, namely, that the company are putting out an extra good fence, and secondly,

that the readers of The Homestead are buyers of good fencing. The motto of the company is "Not how cheap, but how good." Considering the weight of its fencing material, prices are reasonable. The hog fence manufactured by the Denning Company is a superior article in every respect and the company claim for its poultry fence that it beats the world. A specialty is made of lawn fencing, and slat corn cribs and steel grain bins are now also being offered to the public by this company. Their catalog will give full and accurate description of all their goods and prices on same. Address the Denning Wire & Fence Co., Cedar Rapids, Iowa.



and please mention The Homestead when writing.

#### OF INTEREST TO TRAPPERS.

Those who hunt and trap a great deal of fur will find some very interesting reading in the "Hunter-Trader-Trapper," an illustrated monthly magazine which tells all about steel traps, snares, dead falls, raw furs and all the other secrets of the trapping business that are known by old and experienced hunters and trappers. The next number is going to be an exceptionally interesting one, and we would advise those who are interested in this kind of reading to turn to page 30 for further notice of this offer which is being made by the A. R. Harding Publishing Company, of Columbus, Ohio. When writing them kindly mention this paper.

#### BIG 132-PAGE SEED CATALOG AND OTHER BOOKS FREE.

If you want to know how to make your land pay you better, or read all about such interesting subjects as "Alfalfa," "Hog and Sheep Pastures," and learn how to get eleven premium packages of vegetable and garden seeds free, just write a postal card and say so to Messrs. Northrup, King & Co., seedsmen, of Minneapolis. They will gladly send you their big 132-page 1907 seed catalog, postpaid, and also a list of their books, any of which you can have free. It takes only a postal card or letter and a moment's time for you to send for this valuable, reliable and interesting lot of books, and any of our readers who do so will be well repaid. Address Northrup, King & Co., seedsmen, 184 Hennepin Ave., Minneapolis, Minn. Page 2 of their seed catalog must be read by you to learn just what eleven varieties of their "Sterling Seeds" you want in your list of free premiums. So write for the catalog now.

#### "HOW TELEPHONES ARE MADE."

"How Telephones are Made" is the subject of a book of forty-eight pages, handsomely illustrated, just from the press, which is offered free by the Chicago Telephone Supply Company, of Elkhart, Ind. This book is a remarkable addition to telephone literature, as it explains telephone construction so clearly that one who knows nothing about telephones can readily understand it. Excellent illustrations also throw much light on the subject. Other books published by this company, and free for the asking, are on "Telephone Lines; How to Build Them," and "Magnet Telephone." The Chicago Telephone Supply Company have long devoted the best efforts of experts to the improvement of the service for rural party line users. As result of this, they are offering several exclusive features, which will bring the service up to a much higher standard than heretofore, and make the rural service not only the convenience it ought to be, but a real pleasure. The Chicago Telephone Supply Company have also added some features of protection that will interest farmers, notably, a "Telephone Lightning Insurance Policy" and a guarantee bond for the perfection of the instrument. Write them at once for these and copies of the books, as per address in the advertisement on page 3.

#### AN ORGAN ON TRIAL FREE.

Most of our readers have heard of the famous Burdett organ. The news that this organ is now being shipped directly from the factory to the home will be glad news to many of our readers who have contemplated buying a good musical instrument, but who have felt that the price in the past has been prohibitive. This organ is manufactured by the Hobart M. Cable Company, of Chicago, Ill., and the president of the company, Mr. Cable, says in his advertisement on page 3 of this issue that he will ship an organ without receiving a penny in advance and will allow a thorough ten-day trial before settlement of any kind is made. If the organ is not satisfactory in every way it will not cost the person to whom it is shipped a single penny. This part of the bargain seems liberal, but when the price is considered at which these organs are offered the proposition seems liberality itself. If application is made at once Mr. Cable will send free a copy of his book entitled, "The Story of a Burdett Organ." This booklet is illustrated from cover to cover and gives in detail just the kind of information that is needed by those who contemplate buying a musical instrument. Those who are at all interested in the purchase of an organ should write at

once to the Hobart M. Cable Company, 566 Steinway Hall, Chicago, Ill., and please mention this paper when you write.

#### BARGAINS IN TEXAS LAND.

Messrs. Boyer, Peterson & Co. offer some rare opportunities to those who wish to make their homes in the Panhandle of Texas. This firm have such great faith in this region that they are willing to accept as little as \$2 per acre down and easy payments on the balance. The land they are offering is only about ten miles from the flourishing city of Amarillo. The price is from \$12 to \$15 per acre. The low price is due to the cutting up of large ranches for farms. The rainfall of this district is twenty-four inches per year, mostly falling in the growing season. For further information address Messrs. Boyer, Peterson & Co., 400 Gumbel Building, Kansas City, Mo.

#### LIGHTNING AND TELEPHONES.

Mr. W. E. Ashby, of the Ashby Telephone Cut-Out Company, of Chariton, Iowa, has a device which he calls "The No Risk Lightning Arrestor and Cut-Out." It is attached to the country telephone in a very simple manner, and is so arranged that by pulling a lever the main wire of the telephone line is disconnected from the telephone and connected with ground wire, thus absolutely cutting out the telephone so that lightning on the main wire will run into the ground. By this device the heaviest lightning stroke is switched away from the telephone—switched away from the house. The telephone is protected and the house is practically made lightning proof. This "No Risk Lightning Arrestor," while very remarkable, is at the same time very simple. It sells for \$2 and will be sent to any address on receipt of that amount, with full instructions and materials for installing it. Full details and particulars will be sent to any one upon application. Address W. E. Ashby Company, 101 Square St., Chariton, Iowa.

#### THE DEAN EAR CORN SLICER.

The experiment stations have demonstrated that it does not pay to throw away the cob in feeding corn to live stock. Not that the cob furnishes much nutriment, but rather, that it acts as a divisor, and consequently the animal will take as much nutriment out of seventy pounds corn, cob and all as it will out of seventy pounds pure corn without the cob. This means a gain of fourteen pounds on every bushel that is fed. The Dean Ear Corn Slicer prepares corn in an ideal way for all classes of stock. It slices the ear in lengths varying from one-half inch to two and one-half inches and has a capacity of from thirty bushels per hour up. It will be sent on fifteen days' trial with the privilege of returning it if it is not satisfactory in every way. It is manufactured by the Enterprise Windmill Company, of Sandwich, Ill. This company also manufacture the National Manure Spreader—a spreader, by the way, that has taken wonderfully well since it has been placed upon the market. If you are interested in either of these implements write the Enterprise Windmill Company, 24 Main St., Sandwich, Ill., and please mention The Homestead when you write.

#### 20,000 BOOKS A DAY.

Sears, Roebuck & Co., the great mail order house, write us an interesting letter concerning the volume of their business, which is now almost past belief. Among other big items, they mention the fact that they are now sending out almost 20,000 of their mammoth general catalogs a day, the new book for spring and summer. Just think! Twenty thousand 1,382-page books a day each weighing nearly four pounds, three big cartloads a day—what a terrific amount of paper this represents. The blank paper comes in rolls forty-six inches wide and thirty-two inches in diameter, and if the roll paper used in one day were unrolled and laid end to end, it would reach 510 miles, or from Chicago to Omaha, or Chicago to Pittsburg, or Chicago to Memphis, or from Chicago to Duluth. It requires the spruce timber on six acres of land to make the paper for one day's supply of catalogs for this big concern. These facts give some little idea of the immensity of this institution. The demand for this new catalog is astonishing, and is due, most likely, to the attractive offers made in this big book, and since it is free to anyone who will write for it, every thrifty person should not fail to take advantage of the opportunity and write Sears, Roebuck &

**\$59.50**

Freight  
Prepaid

**30 Days'  
Free Trial**

**Wagon-Box  
Manure Spreader**

**Only Endless Apron Force Feed Spreader Made.**

JUST that. It's been a long time getting here—but I've got it. The Only Endless Apron Force Feed Manure Spreader in the World.

The Only Wagon-Box Manure Spreader on the market. Think of the combination!—Just the two things in a manure spreader the farmer has always wanted.

The wise ones said it couldn't be done. I've disappointed them.

First—they said a wagon-box spreader wouldn't work. My hundreds of well satisfied customers have already stopped that talk.

Then—when it came to an endless apron, force feed machine—they said, "impossible". Did you have free mail delivery, telephone or a cream separator ten years ago? Nothing is impossible! You will say so when you see how simple and how wonderfully effective my great new improvement is.

It is simply turning the spreader business right end to end and giving the farmer a chance.

Every farmer can afford a Galloway Wagon-Box Spreader.

I want every farmer in the United States to own one.

That's why I sell it direct to you, saving you every cent. (Tell your neighbors.)

Right at the start I am selling this machine for \$59.50, freight prepaid. At retail it would cost you \$75.00. I also save you tying up \$50.00 in a spreader truck useless eleven months in the year.

My guarantee is the broadest possible—I back it up to show you that I mean business by a \$25,000 legal bond.

Then to absolutely convince you I say, "try one of my spreaders for 30 days on my free

plan." Let me send you one to take out in the field to use, or abuse if you want to, for 30 days. If it's not worth more than my price—take it to the depot—ship it back—and I'll return your money.

Why not get everything that's coming to you out of your land? That manure heap outside of your barn will buy my spreader twice over for you.

Every farmer has been saying,—"I must own a spreader."

Forty-nine out of fifty say the old style horse-killing machine is too high in price. Isn't that a fact?

Now, I claim the Galloway is right in every particular.

Made in three sizes—capacity 50 to 60 bushels. Fits any truck, narrow or wide tread. Lightest draft and simplest machine made and the work it does under all conditions is perfect.

Why not let me send you a machine—and let you be convinced by the machine itself, without sending me a cent? I'll do it today if you will write me.

I have just this further clincher to offer you. For a limited time I will make a proposition to the first farmer owning a Galloway Spreader in every community whereby he can partly or entirely pay for his machine without a bit of work done. It's a strictly business proposition and will positively hold good only for the first few farmers buying. Either send in your check pinned to this ad, telling me the style of truck you use, or write me at once, postal or letter, so I can send you by return mail my free booklet. Address me personally.

WILLIAM GALLOWAY, President,  
**WILLIAM GALLOWAY COMPANY,**  
128 Jefferson St., Waterloo, Iowa.  
Ask me also for my large Farm Implement Catalog.



William Galloway,  
Builder of the Only Endless  
Apron Force Feed Manure  
Spreader in the World.

"THE ONLY WAY IS THE GALLOWAY—FROM FACTORY TO FARM."

## A TON OF HAY

taken into the mow no on the stack at three sling loads. That's not only fast work but nice clean work. No littersings whether you are handling hay, straw, fodder, or bound grain.

## The Loudon Hay Sling

drops your hay flat just as it lay on the load.

Can be used either double or triple draft and with either right-angle or parallel pulleys.

Saves half the work of mowing away.

Send for our special booklet showing our different kinds of slings and sling carriers. Hay Tool catalog free.

LOUDON MACHINERY CO., 49 Broadway, Fairfield, Ia.

Co., Chicago, for a copy of the new catalog if he is not already supplied.

#### THE FOUNDATION

of a house or any machine represents its life and strength. The foundation of the front end of the Great Western spreader is the double oak bolster, which carries the front end of the machine and load. The Great Western spreader costs more than any other, but when buying a big machine of this kind a few dollars extra in the cost is a small matter if for every dollar extra it costs you get \$5 in value. That's what you get in a Great Western.

#### GOVERNMENT LAND.

Mr. Joseph McCarthy, of Spokane, Wash., has an advertisement on page 28 of this issue that will be of special interest to any of our readers who contemplate moving to either Washington, Oregon or Idaho. There are two Indian reservations and four United States government irrigated districts to be thrown open in these three states, which will contain 1,000,000 acres of land. These lands are valuable for agriculture, fruit raising, stock raising and dairying. The climate is unexcelled. Mr. McCarthy has prepared maps and descriptive booklets of these reservations and irrigated lands, containing also statement of laws for taking up land and water rights, which he will mail postpaid on receipt of \$2. His references are named in the advertisement to which we have referred.

#### THE PRESIDENT'S MESSAGE.

The message recently issued by President Roosevelt has occasioned probably more discussion than the message of any president for many years back. It has been praised and blamed generously, depending upon the view point of the reader, but one paragraph seems to have attained almost, if not absolutely, universal approval. It is as follows: "We should establish shooting galleries in all the large public and military schools, should maintain national target ranges in different parts of the country, and should in every way encourage the formation of rifle clubs throughout all parts of the land. The little republic of Switzerland offers an excellent example in all matters connected with building up an efficient citizen soldiery." All of this is in direct line with the teachings which have been put out for some years back by the J. Stevens Arms & Tool Co., High St., Chicopee Falls, Mass., who will be pleased

Send your HIDES to

## BAYER TANNING CO.

to be tanned for Robes, Coats, Rugs, Harness and Lace Leather. Practical and Technical knowledge of Tanning. Superiority in workmanship and finish makes our work the kind YOU want. Write for new booklet and price list.

## BAYER TANNING COMPANY.

Dept. "12"  
Des Moines, - Iowa.

to send their catalog without charge to anyone who is interested in the subject. See advertisement on page 18.

#### PULLING STUMPS.

The method of clearing land by hand has always been considered the hardest work the new settler had to do. Yet the timber regions are known to be the most fertile. In recent years the work has been lightened by the introduction of modern machinery for uprooting trees and stumps. The more recent advancement in perfecting this machinery has been wonderful. The immense power necessary to pull up large trees and stumps requires heavy and powerful machinery, while the method of doing the work demands that the machines be not too large or heavy to handle by horse power. The difficulty heretofore has been to get the machines powerful enough and yet not too large and heavy for practical results. This seeming insurmountable difficulty has finally been achieved through the march of progress. The advancement in casting the higher grades of steel has made it possible to make these pullers out of solid steel, sixteen times stronger than cast iron. The weight of the iron machines has been reduced one-half in the steel, yet making a line eight times stronger than the iron ones, in that way doing away with all heavy lifting and making stump pulling a pastime. The Hercules

## Just Ask for Our SPECIAL PRICE On this CHATHAM Fanning Mill

Our answer will surprise you.

Why? Well, there will be a lot of surprises.

First, the price that we will quote you.

Second, the easy terms on which we will let you pay for the mill.

Third, the Chatham Fanning Mill will actually, clean, separate and grade (yes, sir, we said grade, and we mean it!) from 40 to 80 bushels per hour.

—Its capacity is wonderful—its ease of operation is remarkable.

—Its all-around usefulness and its importance as a profit-maker makes its owner wonder how he ever got along at all without a Chatham.

The Chatham Fanning Mill will handle all kinds of grain and seed. It tackles any kind of a job—It is

"death on weeds"—Takes buckhorn plantain out of clover—in fact, wipes out any kind of a weed pest by giving you pure seed grain.

It is equipped with 17 screens

and riddles—a patent bagging attachment which saves one man's time, and more special practical features than we have space even to name here.

Our idea is to build the Chatham so complete and perfect that the mill sells itself. We will ship you a Chatham Fanning Mill on 30 Days' Free Trial, freight prepaid, no matter where you live. Use it all that time, free, while you are making up your mind whether to buy it or not. If it doesn't do all we say it will, send it back at our expense.

We're not going to let you keep it if it doesn't do the work and do it right! Selling Fanning Mills on the plan we do—direct from our factory to the actual user—the very life of our business depends upon the satisfactory working of the mills we put out.

All we ask is that you try the Chatham and let it prove itself—Let it show how it can quickly put its own coat back in your pocket and make a profit for you. The Chatham Fanning Mill isn't a luxury. It's a necessity. You need it on your farm right NOW.

Send for the Chatham Book FREE. It tells of over 100 ways to increase farm profits. Tells how to stop the losses and make every cultivated acre on your farm yield crops in abundance. It's a regular Bureau of Free Information on Grain, Breeding, Planting and Seeding. It tells everything in a mighty sensible interesting way. Get it. Read it. Profit by it.

Sent promptly, postage paid, if you just ask for it on a postal card. If you live west of the Mississippi, write our Topeka office; if east, write to Detroit.

**30 Days' Free Trial**

**Freight Prepaid**

**Chatham Book Free**

**THE MANSON CAMPBELL CO. Ltd.**

Box 513, Topeka, Kas. 513 Wesson Av., Detroit, Mich.

We have 24 Branch Warehouses and make prompt shipments.





Manufacturing Company, of Centerville, Iowa, are the first to build the solid steel pullers. A postal card sent to their address will bring you full information.

#### FREE PACKAGE OF HEALING POWDER.

Our readers will find the advertisement of the Red Star Healing Powder on page 11 of this issue. This powder is prepared by the Red Star Healing Powder Company, of Garner, Iowa, and at this time the company are making a liberal offer. They propose to send a fifty-cent can of their powder free to any of our readers on one condition, namely, that this powder has never been used by the person who makes the application. The company feel that the powder itself is its own best advertisement when it is once given a trial, consequently at this time it is the purpose to get thousands of new patrons started. The powder is specially designed to cure wire cuts, collar galls and scars of every description. Address the Red Star Healing Powder Company, Garner, Iowa. Please mention this paper when you write.

THE "LAST" OF A BOOT THAT WILL LAST.

If you want a boot that is solidly made from the boot-straps to the last, just try a pair of Rubberhide boots. Rubberhide may sound new to you. However, the boots that bear this name have been tried out in all kinds of service and have proven true to all claims that have been made for them. The company that make these boots are so sure of the claims that they make that they are ready to let you try the Rubberhide boot at their risk; in fact, most anyone who has carefully studied this article of footwear will be satisfied that the boot has every indication of proving a good one. Being made of the purest rubber, with a heavy leather outsole, leather insole and all securely joined together, it stands to reason that such a sole should last. If you are interested in getting something good in the line of boots, just turn to page 2 and note the guaranty which is given with these boots. Send today for their catalog and address your request to the Rubberhide Company, Boston, Mass. For further particulars look up the advertisement in our columns.

#### GORDON VAN TINE & CO.'S LOW PRICES.

Gordon Van Tine & Co., at Davenport, Iowa, have good news for our readers in their advertisement on page 48 of this issue. This company are simply revolutionizing the wood work and roofing business by selling directly from their mills and factories to those who use the material. The company claim that on orders ranging anywhere from \$5 to \$10,000 they can effect an immense saving to their customers—a saving that amounts, on doors and windows and every-



thing else that goes into a building, to nearly 50 per cent. Their free catalog gives full information about their materials and you will find there the price of each article that is offered for sale. Valuable architect plans are given in their catalog, showing exactly how to build and what it will cost. The company will send a book giving plans for barns, hen houses, hog houses and all other outdoor buildings, and they are now building up a special trade on some superior roofing that they are offering at low prices. The quality of the Gordon Van Tine & Co. mill

work is the very highest, everything turned out being strictly in the official grades adopted by the Sash, Door and Blind Manufacturers' Association of the Northwest. Any order may be returned at the company's expense if it is not exactly as represented and all money will be refunded at once. The mills of this company cover four acres of ground. If you will address a card or letter to Gordon Van Tine & Co., Station C, 33, Davenport, Iowa, they will send you such literature as you request by return mail. Please mention The Homestead when you write.

#### THE AVERY IMPLEMENTS.

The 1907 catalog of the Avery Manufacturing Company, of Peoria, Ill., is a work of art. This company manufacture wagons of all kinds, stalk cutters, single and double-row corn cultivators, edge-drop and round-hole planters, tanks, thrashing machines, stackers and engines of all kinds. Everything manufactured by the company is illustrated and described in this catalog, and we doubt if there is a single individual among our readers who would not be enlightened by a careful perusal of this beautiful booklet. The Avery company are not in the business for a year and out again, but are a fixture and have been so long that the name of the firm has almost become a household word in many homes where The Homestead enters. This catalog, in the first place, tells how all machinery is made; in the second place, why their construction makes them capable of producing such excellent results; and third, how well their goods accomplish in the field the purposes for which they are designed. A card addressed to the Avery Manufacturing Company, of Peoria, Ill., with a request to send this catalog will bring it to you by return mail. Please mention The Homestead when you write.

#### BEFORE YOU BUY A SPREADER

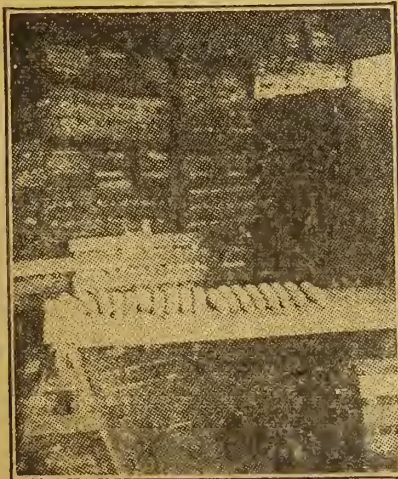
you should acquaint yourself with every firm in the field that is manufacturing manure spreaders. It is seldom that one finds just exactly what he is looking for in farm tools. It doesn't pay to buy a thing until you are satisfied there is nothing better. It doesn't pay to buy a spreader until you have carefully studied the different principles involved in the construction of the Appleton manure spreader, manufactured by the Appleton Manufacturing Company, of Batavia, Ill. One of the good things about this spreader is its simplicity of construction. Those who have had experience with manure spreaders will realize just what this means. A manure spreader is subject to very hard usage. It should be made just as simple and durable as possible. Every part should be as strong as oak and steel can make it. These are just one or two of the many things which are essential in the construction of this valuable farm implement. If you are really interested in learning all about the different features of a spreader you should write today for a free catalog containing special prices and terms regarding the spreader which the above company are manufacturing.

#### QUALITY IN CREAM SEPARATORS.

The cream separator today is a highly specialized piece of machinery. Invention after invention has brought this valuable machine to a high degree of efficiency. The more simple a separator can be made the more it will appeal to men and women who are seeking real worth and substantial merit. It is always well to look for the best value for your money when buying anything. It is especially desirable to keep this in mind when buying a separator. There is nothing that counts so much in the making of separators as quality. The Empire Cream Separator is emphatically a separator of quality. There are great things claimed for the Empire. If you are interested in separators, why not just send for a catalog and proofs of these claims? No matter what make of machine you are using, you will be interested in the easy-running, improved, frictionless Empire. The machine itself proves all the claims that are made for it. We are quite certain from our own experience that if you order an Empire you will be very well satisfied with the service which it will give you. When you write for this catalog address your request to the Empire Cream Separator Company, Bloomfield, N. J., of Chicago, Ill., whichever place is nearest your mailing point. Kindly mention the fact that you saw their advertisement in this paper. See page 8.

#### THE CORN HANDLED BY A. A. BERRY SEED COMPANY.

The A. A. Berry Seed Company, of Clarinda, Iowa, have invested a large sum of money in a scientifically constructed corn crib. Their double crib is 110 feet long and twenty-four feet broad. A special system of ventilation is employed which perfectly dries



CORN FROM BERRY FARM.

out the corn and removes entirely the danger of injuring the seed. A tipping and butting machine has been installed, so that nothing but the best grain from the middle of the

car is sent out by this company. The butts and tips are not only removed and the seed well cleaned, but it is graded, so that when the farmer receives it the corn is ready for the planter. After all, it is but natural that one of the most scientifically constructed plants in the whole country should be found in the great corn territory in which Clarinda is situated, and yet it is creditable to the Berry seed firm that they have been able to force to the front and carry off laurels for their superb method of handling seed corn. Those of our readers who are further interested in this question are requested to write for catalog to the A. A. Berry Seed Company, of Clarinda, Iowa, and please mention The Homestead when you write.

#### IRON AGE TOOLS.

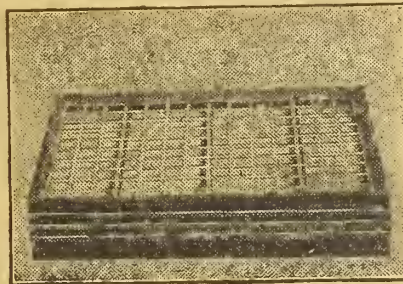
This is an age in the manufacture of farm and garden tools when wood is being discarded. Iron is displacing wood wherever possible. The reason is obvious. Metal lasts longer and the rapidity and cheapness with which many small parts of the machine can be made nowadays out of steel and iron allows of wide usage in the manufacture of farm tools. The Bateman Manufacturing Company, of Greenloch, N. J., are making a specialty of farm and garden tools. The different implements which they manufacture are up to date in every respect. On page 28 of this issue our readers will find an announcement regarding the Iron Age tools. If there is anything you might wish in their line it would pay you to write for their new book describing potato spreaders, potato diggers and other farm and garden tools. Kindly mention The Homestead when writing.

#### HOW TO GROW CORN.

This is a subject of vital interest to the great majority of our readers and we are glad to announce that we are going to be able to offer you through our advertising columns, a valuable compilation on this subject from the work of Prof. A. D. Shamel, formerly of the Illinois Experiment Station, now in the government service, Professor Holden, an acknowledged authority on corn growing, and the United States government reports. This work is offered to our readers without cost by one of our leading farm implement manufacturers, builders of the Emerson foot-lift plows and wide-cut Standard mowers. The only requirement to get this really valuable work is that you give the names and addresses of three or more of your acquaintances who are likely to want a riding plow. A postal is all it costs and we recommend that you write today. Address Mr. S. H. Emerson, care Emerson Manufacturing Company, Rockford, Ill.

#### THE NEW IDEAL SEED CORN TESTER.

Many of our readers have already ordered the new Ideal Seed Corn Tester, the advertisement of which is found on page 10 of this issue. It is now considered an absolute necessity to test seed corn, no matter how carefully it has been preserved, and in the new Ideal tester the sound principles of the operation are involved. At one time it will test enough for forty acres of corn, and does the work as nearly under nature's conditions



THE NEW IDEAL TESTER.

as it is possible to attain. Professor Holden, of the Iowa Agricultural College, as well as other corn experts who have used this tester, pronounce it superior to anything that has yet been offered to the public. In addition to doing the work accurately, it is simple in every respect, so that the boys and girls can do the testing just as well as the grown-up. It is manufactured by the Ulbrich Tester Company, 424 Walnut St., Atlantic, Iowa. Send at once for catalog and please mention this paper when you write.

#### RELIABLE HAIL INSURANCE.

Your attention is directed to the advertisement of the Farmers' Mutual Hail Insurance Association of Iowa, which appears on page 11 of this issue. This is the pioneer hail insurance association organized in 1893 and generally known over the state as "The Rutledge Company." The association is a member of the state convention of mutual insurance, and the men who manage it are among the reliable mutual insurance men of Iowa. At the convention of mutual insurance, held in Des Moines, Iowa, November 22-23, 1906, the secretary, Mr. W. A. Rutledge, read a paper on "The Present Status of Hail Insurance in Iowa," from which we quote as follows: "First, let me state as a general proposition that the mission of an insurance company is to pay losses. Unless it does this it has no right to an existence. An insurance company or association may pay large commissions, fat salaries or big dividends, but if it does not pay losses then it does not justify its existence. In fact, the justification for the existence of an insurance organization lies in the fact that it can meet and pay its losses without diverting the larger part of its premiums or assessments to the pockets of its stockholders or its officers. I am about to bring to your mind some statistics that must convince you that hail insurance as carried on by the company of which I have had the honor of being an officer for the last fourteen years, has come nearer proving its right to an existence than any other company doing business in the state of Iowa. For the purpose of making comparisons I have taken the reports made to the Auditor of State, and compiled therefrom a table showing first, the name of the company; second, the losses paid in the last thirteen years, or since organization; third, the expense paid in the last thirteen years; fourth, the per cent of loss paid from each dollar collected; fifth, the per cent

**\$4.00 to \$8.00  
Per Acre**

**That's What a Good Spreader  
Will Do if Used as it Should Be**

Write Us and  
Let Us Tell You  
How.



**There Are Several Kinds of  
Spreaders**

**All The Best ?**

**No Spreader is best, or even good, unless  
it has:—**

- An Oak Pole—not pine
- Oak Sills and frame—not pine or maple
- Wrought Iron Truss and Stay-rods to keep the frame square
- Hickory Double-trees—not rock elm
- Malleable Fifth Wheel—not cast iron
- Double Oak Bolsters
- Wide Front Axle so wheels will track
- Front Axle set under the front end of the body so the load is equally balanced on front and rear axles
- Gear Wheels and Sprockets keyed on—not pinned on or fastened with set-screw only
- Heavy Wheels with big spokes—not light wheels with 1 1/2 or 2-in. spokes
- An Endless Apron—not a half apron
- A Hood and End Gate to keep the manure away from the beater while loading

**The Great Western Endless Apron Spreader**  
has all of the above good features.

**It is Made for the Man  
Who Wants the Best.**

There is no other "just as good" or nearly as good. Ask your dealer about the

**Great Western**

Don't let him sell you a substitute, that he says "is just as good."

The Great Western will cost you just a little more than any other, but for every dollar extra that it costs, you will get \$5.00 more in value. The difference in cost will be more than made up in repairs alone in a short time. Besides this, you will always have a machine that will be ready to do business. It won't be laid up for repairs just at the time that you want to use it.

We issue a book that will tell you when, how and where to spread manure; how to make from \$4.00 to \$8.00 more per acre from your farm than ever before. Write just these words on a postal card or in a letter. "Send me your book, Practical Experience with Barnyard Manure, and catalog No. 468."

They will be mailed to you Free. Do it now before you haul your manure or prepare for another crop. Write us at any address below.

**SMITH MANUFACTURING CO.,**  
158 Harrison St., CHICAGO, ILL.

1201 Leavenworth Street, Omaha, Neb.  
1308 West 11th Street, Kansas City, Mo.  
Fourth Ave., and 8th St., Minneapolis, Minn.

of expense out of each dollar collected; sixth, amount required to be collected to pay one dollar in losses." We omit the table as being too lengthy for this article, but it shows among other things that this association had paid in losses to Iowa farmers \$1,028,830, and that this is more than twice as much as all other hail companies put together have paid in losses since their organization. The table further shows that the Farmers' Mutual Hail Insurance Association of Iowa has paid to the farmers of Iowa for losses seventy-eight cents out of every dollar they have collected and have used only twenty-one cents for expenses. This is better even than the county mutuals can show and they have always been considered the most conservatively managed associations in the state. Every farmer should carefully look up the record of this association and place his insurance where he is assured of fair treatment in the event of a loss.

#### SCALES OF PROVED TEST.

More scales are being sold to farmers than ever before. The scale for heavy weighing has come to be as much a farm necessity as the cultivator or the reaper. No farmer who sells stock, hay or grain in quantity can afford to guess at weight, or even to take somebody's else scale for it. It's economy to own a scale. With the necessity at hand and many offerings before them, it is gratifying to the farmer to find a guarantee in the very name of one scale. "Howe Scales" has been a household word as long as the present generation can remember and a good while longer. They have been on the market more than fifty years and are known wherever weighing is done. They are recognized as standard. Their records are never questioned. Such a reputation is, of course, not an accident, nor is it built up on claims. It is the result of more than a half century of the application of the most expert science to conscientious scale building. When you weigh on a Howe scale you know it's right. If it hadn't been right, it would never have left the factory. To those who are looking for a "steel frame, oilless scale" of the better grade the Howe Scale Company can furnish such at a price within the reach of all. A postal addressed to the Howe Scale Company, at Chicago, will bring full description and illustrations. See advertisement on page 20.

## How to Save Paint Bills

Be careful not to use imitation paints, or substitutes for pure White Lead, containing clay, chalk, etc. They will surely crack, scale and fade, and cost more to burn off than they did to put on.

**CARTER**  
Strictly Pure  
**White Lead**

is most economical because every atom is paint. Spreads best, covers most and wears longest. Gives any color or tint. Sold by reliable dealers everywhere.

Send for our booklet, "Pure Paint." Gives valuable information on the use of paint, and saves you money by showing how to avoid worthless paint mixtures. Sent FREE with six beautiful color schemes.

Address Dept. D  
**CARTER WHITE LEAD CO., Chicago, Ill.**  
Factories: Chicago—Omaha.



Frank Dawley's Poland China Sale.

The last Poland China sale of a two weeks' circuit through Kansas, Iowa and Missouri came to an end at Salina, Kan., and was held by Mr. Frank Dawley, one of the most popular breeders in Kansas. It is hardly necessary to state that noted breeders attended this sale, for the reports of sales show it. Fifty head were offered and brought a total of \$10,287.50, or an average of \$205, which stands as a record for Kansas. Mail bids were many. The top price was paid for Falth, a gilt of the record-breaking litter by Chief Perfection 2d. She brought \$775 and was purchased by Mr. Frank Fites, of Roman, Ind. Colonels Berger, McCracken and Correll officiated. Below is a complete list of sales.

Lot.	Name	Price.
1.	Frank Fites, Rouan, Ind.	\$775.00
2.	Tom Hunt, Blue Rapids, Kan.	250.00
3.	S. P. Chiles, Fairfield, Iowa.	500.00
4.	N. W. Adamson, Lincoln, Kan.	350.00
2 1/2.	Tom Lyons, Lincoln, Kan.	225.00
6.	Leon Calhoun, Potter, Kan.	400.00
7.	C. E. Toothaker, Hoxie, Kan.	105.00
8.	R. M. Lamb, Lincoln, Kan.	145.00
9.	L. D. Arnold & Olson, Abilene, Kan.	305.00
10.	Tom Collins, Lincoln, Kan.	75.00
11.	J. M. Byers, Elmo, Kan.	310.00
12.	Goodrich Stock Farm, Eldon, Mo.	350.00
13.	H. P. Bacon, Lucas, Kan.	150.00
14.	A. J. Hinkley, Milo, Kan.	105.00
16.	Monroe Dawley, Osborne, Kan.	100.00
17.	Dan Wolfesberger, Lindsay, Kan.	245.00
18.	J. B. Myers, Canton, Kan.	255.00
19.	N. B. Richardson, Marengo, Ia.	200.00
20.	E. H. How, Milo, Kan.	205.00
21.	W. E. Darnell, Farmington, Ill.	155.00
22.	W. R. Louch & Co., Gardner, Ill.	230.00
23.	Hebbard & Roy, Peck, Kan.	175.00
24.	E. E. Ealine, Oak Grove, Mo.	350.00
25.	W. J. Honeyman, Madison, Kan.	360.00
26.	N. E. Copeland, Waterville, Kan.	150.00
27.	J. W. Myers, Galva, Kan.	82.50
28.	E. E. Darnell, Arlington, Ill.	250.00
29.	Hanson, Black & Gaffey, Holbrook, Iowa.	220.00
30.	Frank Strebel, Alton, Kan.	150.00
31.	Oscar Olson, Brookville, Kan.	152.50
32.	C. E. Ogg, Auburn, Ill.	150.00
34.	Tom Collins, Davidson, Kan.	452.50
35.	J. A. Fothergill, Hackberry, O.	87.50
36.	John Bollin, Leavenworth, Kan.	200.00
37.	E. L. Jimison, Oneida, Ill.	172.50
38.	A. J. Hinkley, Milo, Kan.	145.00
39.	B. L. Gossick, Fairfield, Iowa.	205.00
40.	J. T. Louch, Gardner, Ill.	102.50
41.	Tom Collins, Lincoln, Kan.	220.00
42.	F. M. Lail, Marshall, Mo.	165.00
43.	Leon Calhoun	95.00
44.	Thos. Hunt	200.00
45.	W. D. McFarland, Chase, Kan.	150.00
46.	Grant Crawford, Lincoln, Kan.	105.00
47.	J. W. Myers	50.00
48.	F. C. Herrick, Osborn, Kan.	70.00
49.	John L. Clark, Bolivar, Mo.	100.00
50.	A. J. Hinkley	67.50
52.	Hebbard & Roy	170.00
Sub.	M. W. Adamson	55.00

Whitehall Sale Company's Duroc Sale.

The breeders present at the second annual brood sow sale made by the Whitehall Sale Company responded liberally and gave the gentlemen who consigned their stock to this sale a nice average price for the stock offered. Mr. S. E. Morton, of Camden, Ohio, was the largest consignor and sold the highest-priced sow, a daughter of Ohio Chief, at \$610, to Mr. Thos. Johnson, of Columbus, Ohio. Mr. Johnson secured several of the tops of the offering and no doubt has one of the best collection of Duroc females to be found in this country. Mr. Morton sold seven daughters of Ohio Chief at an average of \$385.71, and his consignment of nineteen head averaged \$208.71. The consignment from Whitehall Farm was the next largest in numbers and fifteen head sold for an average of \$91. Much credit should be given Manager Drake for the excellent condition of the consignment. Mr. C. E. Speaks, of Yellow Springs, one of the best breeders of the East, consigned four head to the sale and made the high average of the day, \$278.75. He has been one of the most enthusiastic breeders to be found anywhere, and the average made by him was in keeping with the offering. The other consignors to the sale were equally pleased with the averages made. This sale with two exceptions is the highest ever made east of the Mississippi river. Colonels Vinedge, Iglehart and Eisenhower conducted the sale in a satisfactory manner. A list of buyers and prices obtained follows:

Lot.	Name	Price.
1	S. E. MORTON'S CONSIGNMENT.	
12	J. B. Davis, Fairview, Kan.	\$520.00
13	Grant Chapin, Greene, Kan.	150.00
14	G. H. Fogg, Yellow Springs, O.	115.00
24	C. C. Wheeler, Buechel, Ky.	98.00
25	F. S. Taylor, Wellman, Iowa.	70.00
26	Watt & Foust, Cedarville & Xenia, Ohio	100.00
		70.00

New Tongue Truck

FOR DISK HARROWS AND OTHER MACHINES

No need of buying a new Harrow, Mower or Seeder to have the new tongueless implements. Your old implements can be made modern and up to date by buying one of our inexpensive Famous Tongue Trucks. Can be attached as shown in picture to any implement, old or new, and is the simplest and most practical truck made. Takes the weight from the horses' necks, prevents bruises and galls. Only truck made which permits raising or lowering of tongue and hitch at the same time, thereby causing direct draft and even cut of disks. Write postal for particulars.

Crescent Furnace and Foundry Co., 600 Madison St., Des Moines, Iowa.

\$6.50



Free

WRITE FOR

tion of each, and our proposition to send either style truck on ten days' approval.

Circular containing large pictures of different style trucks with full description to send

LANDS AND HOMES FOR SALE

Last Chance to Buy Cheap Land.

PROVIDE FOR THE RAINY DAY.

For the rainy day will come—sooner or later—and the man who is wise and has the interests of his family at heart will buy land, for land is sure, stable, and will always make the wife and the boys and girls a good living. You say where? We answer—in the

FAMOUS FALFURRIAS DISTRICT

In The Gulf Coast Country of Texas.

**FALFURRIAS, TEXAS.**  
Shipped the earliest vegetables: Bermuda Onions, Watermelons and Cotton in the U. S. It is 1,000 miles nearer the consuming markets than California. The soils are a rich, sandy loam, alluvial deposits of some pre-historic water course, underlain by red, sandy clay, with unusual capacity for holding moisture, and in itself, rich in plant food. Rainfall. The U. S. Weather Report states an average rainfall of 26 inches for the last 20 years. The last few years since lands have been cultivated, the rainfall has been 30 inches, sufficient to raise all crops, without irrigation. Artesian water, at 500 to 750 feet, either flowing wells of good capacity, or on higher lands rising to about 10 feet of surface, making it an ideal pumping plant through windmills or gasoline engines. Products of all kinds as Corn, Cotton, Forage, Alfalfa, Vegetables, have been raised successfully and profitably for years. Fruits, such as Oranges, Lemons, Olives, Dates, Grapes, Peaches and Plums are making rapid growth. The Climate is Semi-Arid, no excessive rainfall, no malaria. Dry air, cooled by constant gulf breezes; cool nights, no storms. Ideal climate, good for lung trouble, asthma and catarrh.

Where the farmers are now making from \$50 to \$300 per acre per year from their crops; where we have artesian wells; where land has doubled in value in twelve months; where new towns and new railroads are being built; but don't wait—you know how land has increased in value in your own country—buy in the Falfurrias district; get near these new towns and your land will grow in value as the town grows. Land is selling now at

\$15 PER ACRE.

Come and see our modern and progressive town; speak to our satisfied farmers. We have churches of various denominations, the best schools, good society and a happy, prosperous and enterprising community. Do you wish to know more about this wonderful Falfurrias country, the land of Heart's Delight, of Sunshine and Big Crops.

LAST CHEAP EXCURSIONS MARCH 5TH AND 19TH

FREE LITERATURE AND INFORMATION.

WRITE TODAY

Let Us Show You.

Falfurrias Immigration Co.,  
3 West Tenth Street,  
Kansas City, Mo.

160 on Interurban, 14 Miles From Des Moines.

THIS farm is near Interurban Station, good lying land; black loam with clay subsoil; fair improvements. It is a bargain at \$100 per acre. Easy terms. Write for full particulars.

Geo. C. Hunter, 317 I. L. & T. Bld., Des Moines, Ia.

LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. If you pay you, if looking for bargains, to look over the advertisements to be found there.

8	John Craven, Greenfield, Ia.	34.00
10	McClelland & Pfander, Clarinda, Iowa	34.00
14	W. J. Orr, Orient, Iowa.	32.00

35 head .....\$2,050.00; average...\$58.57

Rosenfeld & Siverly's Angus Sale.

On one of the finest days imaginable, in response to sale announcements a crowd of 300 farmers or more, and breeders from different parts of the state, gathered at Kelly, Iowa, on February 15th, and generously bid on a most excellent lot of black cattle. Prices ruled steady and the crowd was very appreciative of the offering. The top of the sale was made when Mr. J. Arnold, of Ames, took No. 11, Queen Barbara 81736 for \$190. At her side was a very toppy calf which made her a splendid proposition. Mr. J. O'Donnell, of Colo., secured a bargain in the two-year-old state fair winner bull, Inland Dandy, for \$167.50. Colonel Igo, with his assistants, did good work, as the appended list will show. By the way compliments were heaped upon these two breeders who can depend upon it they have made a reputation that will stand them in good stead at future events of this kind.

Lot.	Name	Price.
1.	W. K. Nelson, Norwalk, Iowa.	\$125.00
3.	Geo. Kopf, Farrar, Iowa.	155.00
7.	J. E. Nelson, Cambridge, Iowa.	112.50
8.	Same	135.00
9.	J. F. Sage, Ankeney, Iowa.	132.50
12.	J. E. Nelson	102.50
14.	T. Cromwell, Kelly, Iowa.	100.00
16.	W. A. McDonald, Ames, Iowa.	155.00
17.	J. L. Hudson, Grand Jct., Ia.	122.50
18.	Same	152.50
19.	C. H. & J. E. Bauman, Pella, Iowa	147.50
20.	J. Scott, Elwell, Iowa.	130.00
21.	W. F. Simpson, Cambridge, Ia.	110.00
25.	Same	105.00
28.	C. Bennett, Ames, Iowa.	142.50
29.	W. A. McDonald	150.00
30.	C. H. & J. E. Bauman	110.00
32.	T. Cromwell	130.00
33.	C. H. & J. E. Bauman	100.00
36.	W. A. McDonald	127.50
37.	W. F. Simpson	120.00
39.	W. Desenberg, Norwalk, Iowa.	105.00

Average on 12 bulls .....\$102.35  
Average on 28 cows .....121.43

Government Land.

1,000,000 Acres Soon Open.

TWO Indian Reservations and four U. S. Government irrigated districts soon to be thrown open in Washington, Oregon and Idaho—over 1,000,000 acres in all. These lands are valuable for agriculture, fruit raising, stock raising and dairying. The climate is unexcelled. President Roosevelt in a speech in Seattle three years ago said that if he were twenty years younger he would settle in Washington. The western states contain the last of the government lands and when new districts are thrown open the best land is soon taken. I have prepared maps and descriptive booklet of the resources, etc., of these Reservations and irrigated lands, containing also statement of the laws for taking up lands and water rights which I will mail postpaid on receipt of price, \$2.00. Address,

JOS. MCCARTHY,  
Hyde Bldg., - Spokane, Wash.  
References: Fidelity National Bank, Spokane, Wash.; Floyd L. Daggett, Mayor of Spokane, Wash.

366 ACRES—15 Miles From Des Moines, Iowa

I HAVE for sale a good Grain and Stock Farm, which has two sets of improvements, level, all under cultivation, worth \$100 per acre. If sold at once our price is \$87.50.

Geo. C. Hunter, 317 I. L. & T. Bld., Des Moines, Ia.

FARMS FOR RENT:

80, 100, 200, 240, Iowa; 300 northern, Mo.; 740 grain and stock, 2 sets improvements, southeast Kan.; 640 Minn.; 465 Wis., 2 sets improvements. Northern Iowa Land Co., Independence, Iowa.

FOR SALE: A few choice tracts of Alfalfa land in Meade County, Kansas. This is the best proposition in America today. For particulars write E. D. Bower, Fowler, Kansas.

Homeowner, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Meade, Kansas.

FOR SALE, RENT OR EXCHANGE:


Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

FARM for rent—480 acres near Arthur, N. D., Cass county, in Red River Valley, all plowed ready for crop, house and barn new, 15 acres pasture, 15 acres corn ground free, grain rent, seed furnished, 60 rds. to school. W. J. Stone, Ludlow, Ill.

TO EXCHANGE: Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

POULTRYMAN or Dairyman can lease or buy 24 acres at Britt, Iowa. Splendid opportunity. John W. Budd, 607 Youngerman, Des Moines, Ia.

FOR SALE—240 acres in Boone county, Iowa. Address, Julia A. Harbourn, Delaware, Ohio.



Ride or Walk

Any Style Gangs

PERFECT BALANCE EITHER WAY

Many times more in use than any other, which only comes from its Splendid Work and Proper Construction. This man ought to know.

Hancock, Iowa, Nov. 21, '06.

Avery Manufacturing Co., Omaha, Neb.

Gentlemen:—I bought one of your Vacuums and I am so glad to appreciate the superiority of this cultivator till they use it in the field. It is a joy to buy a vacuum cultivator, they would all be Vacuums.

Yours truly, W. O. CHANDLER.

Ask for Catalog H showing our large line of Wagons, Farm and Threshing Machinery.

EVERY MFG CO., 169 Iowa Street, PEORIA, ILL.



# LANDS AND HOMES FOR SALE

## Go to Texas with Noland

**SPECIAL LOW RATE EXCURSION MARCH 5th and 19th  
ROUND TRIP \$23**

**THE "NILE OF AMERICA"** is a term given the Brazos Valley of Texas on account of the phenomenal yield of all crops, especially sugar cane, corn and alfalfa.

**THE SOIL** is wonderfully rich and lasting. The rainfall is 45 inches per annum; the climate warm and healthful, while the death rate is given as twelve per thousand. Nearly all has natural drainage.

**THE LOCATION** is 15 to 25 miles south of Rosenberg in Brazoria and Ft. Bend counties, Texas. The nearest stations are Booth, Thompson, Columbia and Adamson. The land is almost surrounded by the following railroads: Santa Fe, Southern Pacific, International and Great Northern and St. Louis, Brownsville and Mexico. It is 50 miles from Houston or Galveston, on the main commercial pathways to the best markets of the world.

**GOOD INVESTMENTS** We have many tracts of land, some improved, some wild, some with timber, some ready for cultivation, some level, some partially rolling, some have natural drainage. These tracts range from 100 acres to 2,000 acres and from \$8.00 to \$13.00 per acre. Aside from these we have a tract of 50,000 acres in Borden, Scurry and Mitchell counties, Texas, through which the Colorado River flows. Water obtained in wells at depth of from 15 to 50 feet. This land will be sold in tracts of from 160 acres up on easy terms.

**OUR STRONG POINTS** Prairie lands—45 inches rainfall, no irrigation, no hot winds, level lands, good drainage, no grubbing, good fruit, corn, alfalfa, cotton, hay and cattle land. Positively no trudes.

**S. K. NOLAND, Watrous Bldg., DES MOINES, IOWA**

## ASK ME

We are selling the finest body of

## Texas Panhandle Lands

ever put on the market

Best of **location** and best in **quality** and **price**, on very **easy terms**. Our location, Dallam county. Write us for full information and maps.

**NEXT EXCURSION MARCH 5th.**

**J. C. MEHAN & CO., 328-29-30 UTICA BLDG., DES MOINES, IOWA**

## IOWA BLACK LAND FARM

**\$25.00 PER ACRE CASH.**

Balance, Long Time, 5½%.

**FARM** consists of 320 acres of the finest black land in Central Iowa. **HIGHLY IMPROVED.** Fine 11-room house; barn holds 100 tons of hay, 50 head of stock. Seven other good roofed and painted outbuildings. Fine grove and orchard. Near three good towns. All fine black land; no timber or rocks. Corn this year averaged over 60 bushels per acre. If looking for something good this will interest you.

**PRICE, \$85.00 PER ACRE.**

Also nice improved 80-acre farm Poweshiek County, Iowa. \$75.00 per acre. Both belong to non-residents, and are bargains. Call or write.

**J. A. HALEEN,**

**DAYTON, IOWA**

## 5 FREE BOOKLETS. FARMING IN CALIFORNIA.

Intensely interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$100 on alfalfa. Dairying and stock raising are extremely profitable. Grain and vegetable products pay \$50 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160-acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

**California Farmland Company, 58 Grosse Bldg., LOS ANGELES, CAL.**

## WANT A FARM HOME?

**NOW** is the time to get it. Investigate Meadows Settlement, 45 miles from Duluth, in Saint Louis Co., Minn. Prices right. Terms, \$1 per acre down and balance in fifteen years' time. Good soil, water, etc., railroad. For full information write

**LAND COMMISSIONER D. & L. R. CO., 525 Wolvin Bldg., Duluth, Minn.**

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

## WE SELL THE EARTH.

**YES**, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$60 per acre. Don't forget to write us for our list of Nebraska Lands.

**W. F. Smith Realty Co., Kearney, Neb.**

**1018 ACRES** in the Garden Spot of southeast Mo., in ½ mile of station on Frisco railroad. Not one foot of waste land and as rich corn, wheat and alfalfa land as there is in the world. If bought by March 10th can be had for \$22.50 per acre. It's a tremendous bargain, in a country where we always raise crops, and owing to our short winters and long seasons, two crops in one year. See S. B. Newhouse, 617 Frisco Building, St. Louis, Missouri.

## FOR SALE.

**FARM** lands, 10,000 acres of prairie land in lots to suit purchasers, payments easy; also improved farms, all sizes, in southwestern Manitoba, near good towns. Write for list stating your requirements. **Cameron & Duncan, Melita, Manitoba**

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. **Northern Iowa Land Co., Independence, Iowa.**

**GOOD** farming and grazing land in Lincoln county, Nebraska, \$3.00 to \$25.00 per acre. For land lists and full particulars, address Buchanan & Patterson, Land and Immigration Agents, U. P. R. R., North Platte, Neb.

When writing please mention this paper.

**DO YOU KNOW THAT UNCLE SAM PRODUCES 80% OF THE WORLD'S SUPPLY OF CORN? DO YOU KNOW THAT YOU CAN BUY GOOD CORN LAND CHEAPER TO-DAY IN SOUTH DAKOTA, THAN ANY OTHER CORN PRODUCING STATE IN UNCLE SAM'S DOMAIN?**

**FARMERS!  
INVESTORS!  
STOCKMEN.**

Before buying lands investigate **South-Eastern South Dakota**, where good lands may be obtained at \$18.00 per acre and up, according to location and improvements. We are 175 miles south of the southern boundary line of North Dakota and east of the 99th Meridian W. Longitude, where climatic conditions and rain fall are both favorable to the profitable production of **Corn, Red Clover and Small Grains.** Our soil is a **Black Vegetable Mould** 24 to 36 inches deep (Mississippi valley formation), with a clay sub-soil.—Write us today for descriptive literature, crop reports (issued by the State), and big land list.

**BIG SIOUX VALLEY LAND CO. (Ltd.)**

**Ramey Bldg., Sioux Falls, S. D.**

## GET A SLICE OF THE EARTH

Do you know that the State of Texas is six times as large as the State of Iowa? The Panhandle of Texas contains about 25,000 square miles. This is not all good land; some sand, some rough land only fit for grazing, and some as fine land as the sun ever shone on. In some portions of the Panhandle it is very deep to water, some places 300 to 450 feet. Our land is in what is known as the shallow water belt, from 40 to 140 feet. We are agents for the owners who have recently purchased 30,000 acres of the L. S. Ranch, directly west of Amarillo, the very choice of this immense property. All good black soil, and covered with the thickest and best growth of grass that can be found in the Panhandle.

Our land lies ten miles along the New Rock Island grade, and nearly five miles wide, in Oldham County, and adjoining the town of Vega, which is destined to be the new County seat.

**GOOD SOIL, GOOD CLIMATE, GOOD CLIMATE**, located within a few miles of the greatest railroad in America, (The Rock Island) and all for \$10.00 to \$15.00 per acre. Here is a chance to get some of the CREAM and on good terms. Write us,

**BOYER, PETERSON & CO.,**

**408 - 410 Gumbel Building,**

**KANSAS CITY, MO.**

## FARMERS, READ THIS!

If you want to buy a farm this year in Minnesota, South Dakota, North Dakota or Canada, either for cash, or on the crop payment plan, send ten cents for postage, tell us where you want to go and we will tell you all about the land, our easy terms of selling and how you can get a free ticket to see it. We will also tell you how you can make \$100 per month working for us.

**GILLILAN BROS., 354 Temple Court,**

**MINNEAPOLIS, MINN.**

## MILD WINTER

Protected by great hills and warmed by almost perpetual sunshine, Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston [pop. 12,000] is the commercial and transportation center for an immensely productive fruit, grain, timber and mining territory. Write today for detailed and authentic information about new fruit and vine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soil as fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity? Address **DEVELOPMENT LEAGUE, AT EITHER LEWISTON, IDAHO OR CLARKSTON, WASH.** Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

## LEWISTON-CLARKSTON

**IDAHO WASHINGTON**

**"The Gateway of the Pacific Northwest"**

## SELL YOUR FARM

If you want to buy, sell or exchange a farm, home or business, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.

**Real Estate Salesman Co. 412 Braco Bldg. Lincoln, Nebraska**

## Dodge County Acres For Sale.

220, all tillable, improved, well located, \$40.  
320, mostly seeded, improved, farther out, \$38.  
480, all tillable, fine set buildings, new, \$55.  
680, all tillable, two good sets buildings, \$50.  
I have all sizes of farms. Let me tell you more about southeastern Minnesota farms. Address, **J. L. GRISWOLD, Dodge Center, Minn.**



**OLD VIRGINIA FARMS** Good Low Prices, Mild Climate. Free Illustrated Catalog. Largest list of farms in State. This is the country for the Northern Farmer. We want to hear from every man who desires to better his condition. **Casselman & Co., Richmond, Va.** **Lawrence Casselman, Former Auditor McLean County, Ill.**

**FOR SALE OR EXCHANGE:** 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. **Northern Iowa Land Co., Independence, Iowa.**

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MEEK, Chillicothe, Missouri.**

**TO EXCHANGE:** Good 640 acre farm in Wilkin county, Minn.; 468 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

## Farms That Grow "No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)

are situated in the Canadian West, where Homesteads of 160 acres can be obtained FREE by every settler willing and able to comply with the Homestead Regulations. During the present year a large portion of

## New Wheat-Growing Territory

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

**W. L. Bennett, 601 N. Y. Life Bldg., Omaha, Neb.**  
**H. T. Holmes, 215 Jackson St., St. Paul, Minn.**

Mention this Paper.

## WELL IMPROVED FARM \$18.00 Per Acre.

**227 ACRES**, facing a beautiful lake, 70 miles from Minneapolis. 20 acres under cultivation, 20 acres hay land, 60 acres very easily cleared, balance covered with a nice growth of hardwood timber and will cut 600 cords of maple wood. 160 acres fenced. A good four-room house, barn, granary, chicken-house, etc. Water in house and barn. Rich, productive soil. No waste land. This is a big bargain for some one.

**HOMESTEAD LAND COMPANY, 302 Nicollet Ave., Minneapolis, Minn.**

## Get the Best While You Can.

In the Panhandle of Texas, a general farming country proven by crops, Government reports, and annual rainfall in growing season. We bought early 3 to 8 miles from Summerfield, a station between Hereford and Tulo, that we can sell at \$15 per acre, one-third down, while it lasts. Farms on two sides of us pay \$30 to \$35 per acre annually. We have cheaper land farther from R. R. Take our excursion and free sleeper March 5th. Agents wanted. **Western Land Co., 530 Good Bldg., Des Moines, Iowa.**

**FOR SALE OR EXCHANGE:** 300 acres Merced county, Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**WANTED** to sell or exchange, well improved, splendid 236 acre eastern Kansas farm that adjoins town with graded school, for a smaller farm in Iowa. Address, James E. Seaton, Vernon, Kan.



## BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it!"



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

### Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.  
39 Fargo Street, Batavia, Ill., U. S. A.

## THIS ON TRIAL FREE MILL 20 DAYS

We'd like to tell you how we send our "Corn Belt" Feed Mills on 20 days trial free, and why it's the mill for you to

buy. This is the one mill you'll like better the longer you use it. 20 days gives you time to see how it works—how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep and power mills. Spartan Mfg. Co., 282 Chambers St., Galveston, Ill.



## IRON AGE Farm and TOOLS Garden

No. 6 Iron Age Combined Double and Single Wheel Hoe, Hill and Drill Seeder. Do more and better work than can be done with any other tools or in any other way. The No. 6 is especially adapted for onion culture. Book FREE.

BATEMAN MFG. CO.  
Box 149  
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## This Keeps Lightning Out Of Your Telephones

This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

Protects the house, avoids fire, insures safety for the family. Simple, positive, sure. Book FREE.

Just send your name and address. Our book explains everything—how you can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the complete arrestor. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 800 last year, besides farming. W. E. ASHBY TELEPHONE CUT OUT CO., 101 Square St., Chariton, Iowa.

## \$29 DIRECT TO YOU

AT FACTORY PRICES is our way. No middlemen between you and us. Our large free catalog tells all about our no-money-with-order-plan, 2 years' guaranty and how we ship anywhere on approval. We build over 150 styles of vehicles including new style "Auto Tops" and fine National Leader at \$19.50. Every vehicle we sell goes out on trial, to be returned at our expense if not satisfactory. Don't buy vehicles or harness, till you hear from us. Write today for Free Money-Saving Catalog.

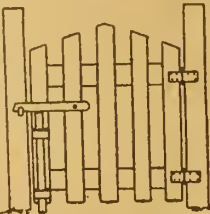
30 DAYS U. S. BUGGY & CART CO. NO MONEY FREE TRIAL Sta. 86 Cincinnati, O. WITH ORDER

## PATENTS

ORWICK & LANE, 425 MOINES, IOWA. Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

Our readers who find it necessary to pass through small gates with their hands engaged in carrying things to and from the house will find a very convenient device in a gate latch that may be opened with the foot. The idea is a very simple one and may be applied to the ordinary hinged latch which lifts up and down in a slot on the gate and fits into a hook on the gate post. To apply the idea, suggested by one of our readers, to this gate a light strip of board is attached with cleats to the panel of the gate so that the upper end of the strip bears against the lower side of the hinged latch, which in this case is a wooden one, say a foot long. The strip extends several inches below the bottom panel and is above the ground five or six inches. If one desires to open the gate he merely places his foot under the lower end of the strip and raises the latch, at the same time giving the gate a little push, which may be hung so as to fly open of its own accord.



One of our subscribers, G. W. L., of Whitehall, Wis., writes: "Every farmer who sacks grain knows what a bother it is to keep track of his knife to cut bag strings. We have a plan which we think very handy. Nail a mower or reaper section to one of the studding where the grain is to be sacked. The sketch shows the position of the section. When you want to cut off a bag string, merely lay the string over the blade of the section and it is done. The section is always there and saves you a lot of bother keeping track of your pocket knife."



One of our subscribers requests a device for preventing a weaned calf or even a grown animal from sucking cows. We submit herewith a sketch of halter with an extra piece of leather attached to the strap over the muzzle. Four or five sharpened ten-penny nails are driven through this piece so that they will project away from the animal's nose in such a position that when he attempts to suck a cow the nails will prod the udder and put a stop to the operation. There are also a number of patented devices on the market for this purpose. However, this halter proves very satisfactory.



J. W. M., of Galesburg, Ill., writes regarding a method showing how to determine the vitality of seed corn, as follows: "The directions which are generally given for selecting ears and the advice about how they should shell and how the kernels should look, to my mind are generally first class. To examine the sprout itself is a final test, and I believe I can tell you a plan that with a little practice you can be as sure of the quality of your seed corn as you can by planting it and allowing it



to germinate. The accompanying illustration shows how a good grain of corn should look. Cut a corner of corn crosswise through the germ near the tip. Now, if you will examine the germ closely you will notice a white spot in the center of the sprout. Around this will be a yellow layer and still around this will be a lighter layer. If the white spot does not appear in the center of the sprout or if the yellow layer is greasy and dark in color the seed is not good. I have always found this to prove true."

Mr. W. A. Graham of Madison county, Iowa, favors us with a plan of a wood rack for wagon or sled. His description reads: "Take two 4x4 timber twelve feet long for the bed of the rack. With four pieces three and one-half feet long bolt these timbers together in the same position that they will lie on the wagon bolsters. On each side of the twelve-foot timbers attach four stake irons to

# Robust, Healthy Men

## Command Attention--Win Success ARE YOU ONE OF THEM?

or are you going through life minus the energy and vitality necessary to success, or handicapped by some disease like **Blood Poison, Weaknesses, Nervous Disorders, Prostate, Urethral, Kidney or Bladder Disorders, Etc.** If so, let us put before you some important facts about these troubles. Facts as we have found them during our many years of practice. Facts that will enable you to overcome the weakness or disease and enable you to become once more a healthy and robust man. We will put you in possession of these facts free of charge, without one penny of expense. All we ask you to do is to come to see us. If you can't come write us a letter describing your case. We will tell you honestly

and frankly what your trouble is, whether curable or incurable. If curable in our opinion we will prove it to you in a manner that will put you to no expense if it fails. Many men have accepted this opportunity; today they are healthy and strong.

To give every sick or ailing man a better idea of our method we invite them to call or write and get our

## Free Book

which gives a full description of all ailments peculiar to men—gives the cause and symptoms of each disease, tells what they will lead to if not checked in time and explains our simple method of treating them at home. Write for book and further information at once.

64  
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**Drs. Fellows & Fellows Co.,**  
323 Rollins Bldg., 4th and Walnut Sts., Des Moines, Iowa



receive the upright stakes. The upright stakes for wood may be of any desired length. For a hog rack take boards twelve feet long and put floor in the wood rack, then make sides out of four-inch boards bolted to stakes to fit in the stake irons. Endgates may be made of the same material with cleats and rods to hold them in position."

Mr. J. A. Jay, of Wapello county, Iowa, has solved the problem of ringing hogs in a very simple and evidently satisfactory manner. A rope noose is placed over the upper jaw of the hog and drawn taut. The animal is then tied to a post and the ring is inserted in the end of the snout. This is certainly a very simple way after the hog is once secured, which part of the operation is probably more difficult.

There are more ways than one of removing the wagon box from the trucks, and in the following plan which Fred Schmidt, of Cherokee county, Iowa, submits, a very good idea is brought out: The upright pole is 4x1x14 feet long and is set several feet in the ground, so that it will be firm enough in its position to stand the strain which is required of it. The platform on which the rear end of the wagon box rests when it is to be raised from the wagon may be made any height, so as to suit the height of



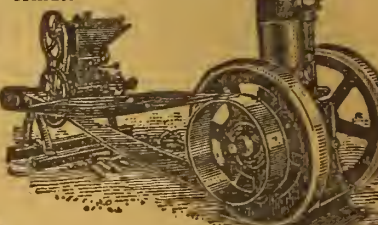
the trucks. Two guy wires should be attached to the pole a foot or so from its top and be secured to the rear of the platform eight or ten feet. The rope which is used to do the lifting is attached at one end to the upright pole near its upper end. From there it continues on to a pulley hooked in a rope, which passes around the front end of the wagon box, then back over a pulley in the top of the pole and down to a windlass at the rear end of the platform. When the wagon box is in its final position on the platform it should stand upright and should be left attached to the rope so that it cannot be blown down in case of winds.

### Homeseekers' Rates.

Homeseekers' tickets are on sale via the North-Western Line from points in Wisconsin the first and third Tuesday of each month at very low rates for the round trip to points throughout the West, Northwest and Southwest. Also special low rates for one-way colonists' tickets same dates in February and

## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.  
DEPT. H, IOWA CITY, IOWA.

## BOWSHER

(Sold with or without elevator) CRUSH ear corn (with or without shucks) and GRIND all kinds of small grain. Use Conical Shape Grinders. Different from all others.

### LIGHTEST RUNNING.

Ready to Operate. 7 Sizes—2 to 25 h. p. One size for wind-wheel use.

Also make Sweep Grinders; both Geared and Plain.  
E. N. P. Bowsheer Co.  
South Bend, Ind.

## FEED MILLS

**PATENT YOUR IDEAS**  
\$100,000 for one invention; another \$8,500. Book "How to Obtain a Patent" & "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense. Patent Obtained or Fee Returned. CHANDLER & CHANDLER, Patent Attys, 956 F. Street, Washington, D. C.

## TRY THE LANKFORD COLLAR CURE

Cures galls, sore necks and sore shoulders while working the horse. Fits any shaped neck, guaranteed. Cotton filled, and flexible, strictly humane collar. Costs only \$1.00. Circular and book free. THE POWERS MFG. CO., 1405ycamore St., Waterloo, Ia.

March to Colorado, Wyoming and the Black Hills, and to Pacific coast points daily during March and April. Ask agents of the North-Western Line for particulars.



Kraschel & Son's Duroc Sale.

A large crowd of breeders and farmers were present at the annual brood sow sale of Messrs. Fred Kraschel & Son, at Macon, Ill., on Thursday, February 7th. The offering was sent forward in the pink of condition, and those present responded liberally. This firm have been liberal bidders at the important sales throughout the entire hog belt. They have been successful showmen, and it should be to their credit that they bred Buddy K. IV., the highest-priced Duroc boar ever sold at public auction. The top price of this sale was \$325, at which figure two sows sold. One, a granddaughter of Ohio Chief, went to Mr. Thos. Johnson, of Columbus, Ohio, while the other, a daughter of Proud Advance, bred to Ohio Chief, sold to Messrs. J. M. & W. T. Gatton, of Springfield, Ill. Gold Standard, a yearling boar of Messrs. Kraschel's own breeding, sold to Mr. J. H. Williams, of Clinton, Ill., who was a liberal purchaser of the best sorts. He will show this boar at the leading state fairs next year and will be a warm competitor for honors. Mr. T. E. Laurie, of Jacksonville, Ill., secured a daughter of Model Chief, at the bargain price of \$225. Col. Judd McGowan opened the sale and was ably assisted by Col. Fred Reppert in the selling of this stock. List of sales follows:

Lot.	BOAR.	Price.
Gold Standard, J. H. Williams, Clinton, Ill.		\$510.00
SOWS.		
1 A. A. Hill, Casner, Ill.		102.50
2 J. H. Williams		70.00
3 T. E. Laurie, Jacksonville, Ill.		225.00
4 Thos. Johnson, Columbus, Ohio		325.00
5 J. H. Williams		57.50
6 Same		92.50
7 Same		157.50
8 Same		100.00
9 Same		65.00
10 T. H. Bergschneider, New Berlin, Ill.		57.50
11 C. L. Taylor, Decatur, Ill.		62.50
12 J. T. Kelley, Gilmore City, Iowa.		60.00
13 J. H. Williams		60.00
14 R. L. Comer, Carlinville, Ill.		67.50
15 Stansell & Matern, McNabb, Ill.		60.00
16 Seckman & Allen, Ripley, Ill.		72.50
17 Ira Jackson, Tippecanoe City, Ohio		77.50
18 J. H. Williams		62.50
19 Chadwick Boy's Home, Quincy, Ill.		60.00
20 T. H. Bergschneider		67.50
21 J. G. Imboden, Decatur, Ill.		57.50
22 Carey Stebbins & Son, Carlock, Ill.		52.50
23 C. Combe, Mt. Zion, Ill.		70.00
24 Thos. Werth & Co., Strasburg, Ill.		57.50
25 A. A. Hill		62.50
26 J. G. Imboden		51.00
27 A. J. Kissick, Princeton, Ill.		50.00
28 H. B. Wilson, Bradford, Ill.		47.50
29 H. R. Nelson, Champaign, Ill.		50.00
30 Manlove Bros., Bowen, Ill.		50.00
31 G. W. Baker & Sons, Pawnee, Ill.		50.00
32 C. Combe		47.50
33 J. P. Plummer & Son, Rochester, Ill.		52.50
34 F. S. Taylor, Wellman, Iowa		52.50
35 S. J. Moomey, Lake Park, Ill.		50.00
36 Ed Bradford, Hinesboro, Ill.		27.50
37 H. R. Nelson		40.00
38 Same		32.50
39 A. E. Stutt, Avoca, Neb.		60.00
40 J. G. Norton, Elwood, Ill.		
Extra—Gilt, E. McGlasson, Princeton, Ill.		100.00
Extra—Proud Advance sow bred to Ohio Chief, sold to J. M. & W. T. Gatton, Springfield, Ill.		325.00
AVERAGE.		
43 head		\$3,866; average..\$90.40

Louden & Son's Sale.

The annual sale of Messrs. H. B. Louden & Son, of Clay Center, Neb., was a success. Twenty-five head of cattle were sold at an average of \$72, and fifteen head of brood sows averaged \$62.50. A good crowd of breeders from Nebraska, Iowa and Kansas were present and the good things of the sale were snapped up at good prices. Mr. John McFarlane, of Fairfield, Neb., topped the sale of the cattle and was a buyer of several of



GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and positive cure for

Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address THE WARRNON-WILLIAMS COMPANY, Cleveland, Ohio.



Does the mortgage worry you?

What's the use of trying to own a farm where land is so high if you have got to have a mortgage hanging over your head to worry you and to keep you poor paying the interest on it?

Why not sell out and go to the Southwest where you can own a big farm without a mortgage? Good rich land is so cheap in the Southwest that you can buy a farm without having to mortgage it. This land is rapidly increasing in value---so much so, that in a few short years it will command as high a price as your present high-priced mortgaged farm and you will own it all without a cent of debt against it.

You can buy a good farm in the Southwest at a small fraction of the cost of land in your state. On this land you can grow 30 bushels of wheat, 50 bushels of corn or 90 bushels of oats. You will have good markets and will get top notch prices for all you raise. You will have good schools and churches, a healthful climate, and you will prosper.

Now is the time to move to the Southwest---a year later it will cost you more.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it---together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines

1418 La Salle Street Station, Chicago or 1413 Frisco Building, St. Louis.



the very best cows. The hogs were mostly gilts of much quality and they went to leading breeders. Mr. C. E. Inglesby, of Hastings, Neb., topped the hog sale at \$120, a fine gilt by Red Jumbo. Fifteen hogs averaged \$62.50, which was very satisfactory to all parties concerned. Col. C. E. Luther, of Grand Junction, Iowa, did the selling. Below is a list of those sold.

Lot.	SHORT-HORNS.	Price.
2 D. R. Donner, Doniphan, Neb.		\$50.00
3 Henry Koehler, Edgar, Neb.		88.00
4 J. A. McFarlane, Fairfield, Neb.		80.00
5 U. S. Sigman, Fairfield, Neb.		69.00
6 B. J. Dunn, Trenton, Neb.		75.00
7 P. M. Scheer, Harvard, Neb.		93.00
8 Same		52.00
9 Same		65.00
10 John McFarlane, Fairfield, Neb.		70.00
11 H. Koehler, Edgar, Neb.		80.00
12 Willis Hall, Edgar, Neb.		83.00
13 P. M. Scheer		51.00
14 John McFarlane		100.00
15 W. H. Swansen, Clay Center, Neb.		40.00
16 C. E. Inglesby, Hastings, Neb.		71.00
17 P. M. Scheer		44.00
18 B. J. Dunn		58.00
19 C. E. Mitchell, Clay Center, Neb.		37.00
20 Same		37.00
21 Same		37.00
22 Same		37.00
23 Same		30.00
24 B. J. Dunn		37.00
25 Same		35.00
26 C. E. Mitchell		32.00
27 Same		37.00

Lot.	DUROC JERSEYS.	Price.
3 Geo. W. Schwab, Clay Center, Neb.		60.00
4 B. J. Dunn		50.00
5 A. A. Karschner, Wilcox, Neb.		71.00
6 I. C. Seigner, Juniata, Neb.		49.00
7 Geo. W. Schwab		42.50
8 S. J. Tillman, Ragan, Neb.		46.00
9 H. G. Myers, Hardy, Neb.		47.50
10 Same		49.00
11 C. E. Inglesby		120.00
12 Ward Bros., Republic, Kan.		50.00
14 H. E. Sundell, Paton, Iowa.		100.00

Dispersion Sale of the O. L. Kerr O. I. C.'s.

The dispersion sale of the herd of O. I. C. hogs owned by the late O. L. Kerr, of Independence, Mo., drew breeders from Iowa, Nebraska, Kansas, Illinois and Missouri. Over 100 breeders were present during the two days. The hogs were in nice condition aside from the fact that they were not showing heavy in pig. This caused many to sell below their actual value, but breeders had no guarantee of the future usefulness on any lot, hence an air of conservatism prevailed. Mr. A. T. Garth, of Larned, Kan., was the heaviest purchaser and bought the two tops of the sale, Kerr Dick at \$165 and Silver at \$252. Everything from pigs weighing thirty pounds was sold and on 158 lots an average of \$32.20 was made. The smaller pigs were sold in bunches and counted as a

lot. Colonels Sparks and Zaun did the selling in their usual satisfactory manner. Following is a list of all sales over \$25:

Lot.	Price.
4 John McAuley, Pleasanton, Kan.	\$37.50
33 Same	26.00
44 Same	75.00
138 Same	40.00
43 Same	50.00
5 Redmond & Herst, Tipton, Mo.	50.00
64 J. C. Theils, Hartley, Iowa	30.00
59 Same	35.00
8 T. C. Waller, Wellington, Mo.	31.00
31 J. T. Hopkins, Lee's Summit, Mo.	27.00
144 M. F. Leinweber, Lee's Summit, Mo.	21.00
149 Same	30.00
3 Fred W. Pitman, Persia, Iowa	67.50
101 Same	27.00
55 Fisher Live Stock Co., Hastings, Neb.	28.00
152 Same	30.00
108 I. K. Revelle, Walters, Okla.	30.00
7 W. E. Hayes, Osawatimie, Kan.	105.00
16 G. E. Wilson, Kearney, Mo.	60.00
155 Robert Wooten, Fredonia, Kan.	28.00
131 G. L. Emmert, Mason City, Ia.	29.00
25 Same	76.00
141 J. S. Harp, Grenview, Ill.	141.00
46 Same	58.00
34 W. H. Stark, Sugar Creek, Mo.	45.00
19 Same	32.00
50 W. F. Bowlin, Worth, Mo.	37.00
153 A. Ericson, Netawaka, Kan.	30.00
14 T. G. Hall, Windsor, Mo.	26.00
118 I. E. Burton, Friend, Neb.	30.00
137 Same	32.00
53 Same	60.00
158 J. B. Wilson, Spickard, Mo.	41.00
47 Same	60.00
147 J. R. Austin, Spickard, Mo.	27.50
48 J. H. Stewart, Gillett's Grove, Iowa	60.00
18 N. R. Rogers, Peru, Neb.	33.00
6 S. B. Young, Brock, Neb.	83.00
41 Same	72.50
23 Same	62.50
63 A. J. Beamer, Netawaka, Kan.	27.00
89 M. H. Ligett, Blue Springs, Mo.	27.00
61 J. H. Moore, Columbus, Kan.	42.00
60 Same	30.00
154 M. S. Thompson, Gibon, Neb.	30.00
96 Same	30.00
151 S. C. Wornall & Son, Excelsior Springs, Mo.	36.00
1 A. T. Garth, Larned, Kan.	50.00
2 Same	140.00
58 Same	30.00
11 Same	28.00
24 Same	110.00
105 Same	25.00
35 Same	165.00
20 Same	252.00
27 Same	51.00
45 Same	51.00
28 Same	49.00
15 L. Hoerman, Baia, Kan.	47.50
148 Same	39.00
72 Same	51.00
52 Same	36.00

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Unexcelled for General Farming, Stock Raising, Berries, Fruits and Vegetables. Cantaloupes, Strawberries, Peaches, Apples, Grapes, Etc., give handsome returns. Cattle need but little winter feed.

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12 J. T. Anderson, Richland, Kan.	30.00
37 G. E. Sandridge, Blue Springs, Mo.	39.00
22 Same	47.50
49 J. F. Tilden, Benedict, Neb.	55.00
39 Same	81.00
129 J. P. Canaday, Chillicothe, Mo.	30.00
54 James Haley, Hope, Kan.	35.00
143 Same	28.00
32 T. C. Wrench, Beloit, Kan.	32.50
13 James P. Worth, Worth, Mo.	97.50
26 John Tatge, DeWitt, Neb.	73.00
10 Same	90.00
156 J. B. Shelby, Bates City, Mo.	26.00
9 W. A. Crouch, Jr., Turney, Mo.	62.50
40 T. W. Cassell, Independence, Mo.	50.00
150 J. H. Adams, Grain Valley, Mo.	30.00
17 C. R. Carpenter, Buffalo, Ill.	44.00
146 W. J. Poyer, Berlin Heights, O.	39.00
151 A. L. Miller, Blue Springs, Mo.	34.00
38 E. L. Stanathan, Gaylord, Kan.	43.00
21 Same	37.00
106 H. S. Nelson, North Armstead, Ohio	25.00
51 J. A. Tobin, Malta Bend, Mo.	56.00
29 J. A. Leach, Lee's Summit, Mo.	31.00
30 Same	25.00
163 Same	25.00

The Homestead and The Homemaker  
\$1.25 per year.



## Ruebel Bros.' Sow Sale.

The Poland China sow sale of Messrs. Ruebel Bros., at Rockwell City, Iowa, on February 12th, was well attended by farmers and breeders and everything was disposed of at very satisfactory prices. The first twenty-five head averaged \$50, and the sixty head averaged \$37.61. Many of the sows were bred late, otherwise the average would have been way beyond what it was. R's Keep On, a son of the great Keep On, was sold in the sale to Mr. T. O. Cooper, of Knierrim, Iowa, and he got him at a bargain. Col. F. M. Woods cried the sale. Below is a report of those selling for \$30 and over:

Lot.	Name	Price.
00.	R's Keep On 92219, T. O. Cooper, Knierrim, Iowa	\$51.00
2.	Morse Bros. & Nicholson, Lohrville, Iowa	60.00
3.	W. S. Babcock, Rockwell City, Iowa	46.00
4.	Same	95.00
5.	Same	51.00
6.	N. C. Bassett, Jefferson, Iowa	61.00
7.	Same	57.50
8.	Wm. Carey, Fonda, Iowa	48.00
9.	J. D. Black, Lohrville, Iowa	41.00
10.	Fred Lewbke, Rockwell City, Ia.	60.00
11.	D. S. Otto, Rockwell City, Iowa	45.00
12.	Same	38.00
13.	W. T. Fitzgerald, Varina, Iowa	67.00
14.	D. W. Ford	45.00
15.	J. D. Black	49.00
16.	Johu McMahon, Clare, Iowa	36.00
17.	John O'Connell, Redfield, Iowa	39.00
18.	John Bearens	43.00
19.	J. J. Moore, Rockwell City, Ia.	33.00
20.	Wm. McLaughlin	35.00
21.	J. J. Moore	36.00
22.	T. O. Cooper	45.00
23.	S. Wilson, Rockwell City, Iowa	33.00
24.	Mr. Judge, Carroll, Neb.	37.00
25.	Joe Patrick, Dana, Iowa	50.00
26.	Bert Fry, Plainfield, Iowa	42.50
28.	N. C. Bassett	32.00
29.	Aug. Ranthem	56.00
30.	J. L. Hudson, Grand Jct., Iowa	39.00
31.	J. H. Norhausen	30.00
32.	J. E. McDonald, Clare, Iowa	48.00
33.	John McMahon	30.00
34.	Mm. Carey	30.00
35.	B. K. Luther, Madrid, Iowa	30.00
36.	C. E. Dearl, Pilot Mound, Iowa	31.00

## Ira Jackson's Duroc Sale.

Breeders from several states, and a large crowd of farmers, were present at the first annual brood sow sale of Mr. Ira Jackson, of Tippecanoe City, Ohio, which was held at the breeding farm on Wednesday, February 13th. Mr. Jackson's show records made at the leading shows of this country were not forgotten by the breeders throughout the entire hog belt, and enough mail bids were received to more than take the entire offering at profitable prices. The unlucky "13" did not prevent Mr. Jackson from having a record-breaking sale. The get of his noted herd boars, Orion Chief and Kruger, both World's Fair winners, and sows bred to these boars were picked up readily at good figures. One striking incident of the auction was the fact that not one sow over a year old was included. That is, not a sow which had reached two years of age was sold. The entire offering was in good breeding condition, so that those who were fortunate enough to secure brood sows may expect good, strong litters. Twenty-six head sold for \$100 or over, and the average secured by Mr. Jackson is the highest ever made in Indiana or Ohio, and with one exception the highest ever made east of the Mississippi river. Messrs. O. Walker & Son, of Palestine, Ill., topped the sale, securing a daughter of Kruger, bred to Orion Chief at \$1,100. Mr. W. M. Finch, of Portland, Ind., being the competing bidder. The litter from which this sow came is the highest-priced litter ever sold, five head selling for \$2,100, an average of \$420 each. Col. Judd McGowan, of Clinton, Ill., one of the popular Duroc auctioneers of the middle West, sold the entire offering in less than two hours. Colonel McGowan is to be congratulated upon the average he secured. He was ably assisted in the ring by Colonels Iglehart and Foster. A list of sales follows:

Lot.	Name	Price.
1.	Ira Jordan, Palestine, Ill.	\$ 50.00
2.	P. T. Thompson, Christianburg, Va.	35.00
3.	T. P. Moren, Johnson, Neb.	75.00
4.	Martin Jackson, Clayton, Ohio	47.00
5.	Fred Bauer & Son, Eastwood, O.	42.00
6.	H. H. Hawkins, Palestine, Ill.	50.00
7.	B. F. McCann, Dayton, Ohio	50.00
8.	J. O. Kerfoot, Elizabethtown, Ky.	58.00
9.	M. R. Grinnell, Yellow Springs, Ohio	60.00
10.	Robt. Quisenberry, Danville, Ky.	66.00
11.	J. E. Swope, Frankfort, Ind.	59.00
12.	B. F. Studebaker, Tippecanoe City, Ohio	60.00

## These Are Facts It Pays To Remember When You Buy a Manure Spreader.

**I. H. C. SPREADERS—Corn King and Cloverleaf**—one lever controls every operation. Operator can remain seated from time he leaves the barnyard until he returns.

Self-adjusting, vibrating rake levels the load and brings the manure up squarely to the cylinder.

Cylinder is large and runs easily, and the teeth are long, square, high carbon steel.

Apron is equipped with three sets of rollers attached to slats, running on steel tracks. Is driven from both sides and cannot bind.

Apron drive clutch is automatically thrown out of gear when load is fed out and again when apron has returned. No attention required.

Range of feed is three to thirty tons per acre with ten speeds.

Ends of apron slats are protected so that no manure can work in and bind or clamp the apron.

Driving axle is extra large—made of cold-rolled steel.

Front axle is attached to frame by means of ball and socket joint.

Chain drive, direct from rear axle to cylinder, gives easy transmission of power.

The wheels are steel with staggered spokes. Both rear wheels are fitted with lugs, affording ample traction in wet or frozen fields.

Seat is hinged so it can be turned forward and kept clean while loading.

Box is attached to frame by means of heavy steel cleats.

Frame is made of carefully selected lumber re-enforced at corners by metal braces.

That's a good deal to say of a manure spreader, and yet that is by no means all you should know about I. H. C. Corn King and Cloverleaf Spreaders before you buy.

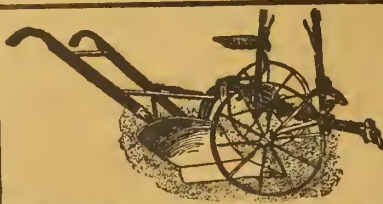
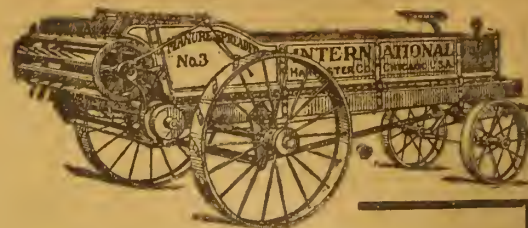
Those are the main points, and they are sufficient to indicate the superiority of the I. H. C. line. They tell you not to buy a spreader until you have seen the Corn King and Cloverleaf Spreaders.

The key-note in the I. H. C. line is strength and simplicity of construction. Strength in every part means much, for a manure spreader has hard work to do. Simple construction means that it will not get out of order, that it will have light draft and be easily operated. Those are the things you want in a manure spreader.

I. H. C. spreaders are made in two styles, Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each is made in three sizes.

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COFFEYVILLE, KANSAS

dam of the famous Helen Blazes litter sold by Mr. H. E. Browning. Messrs. W. R. Turner & Son, of Shelbyville, Mo., bought a bargain in Lot 7, paying \$112. Colonels McGowan, Reppert, Kell and Brown did the selling. Following is a list of all sales over \$25:

Lot.	Name	Price.
1.	.....	\$40.00
2.	.....	33.00
3.	H. W. Kimball	45.00
4.	H. B. Singleton & Son, Shelbyville, Mo.	41.00
5.	Wardell & Gattley, Macon, Ill.	135.00
6.	Geo. Pollman, Macon, Mo.	43.00
7.	W. R. Turner & Son, Shelbyville, Mo.	112.00
8.	T. E. Laurie, Jacksonville, Ill.	65.00
9.	I. L. Stockrup	43.00
10.	B. F. Holt, Shelbyna, Mo.	42.00
11.	John Brown, Jr., Shelbyna, Mo.	40.00
12.	E. C. Phillips	41.00
13.	John Brown, Jr.	41.00
14.	Same	40.00
15.	.....	40.00
16.	H. M. Kimball	40.00
17.	A. L. Lynch, Mt. Airy, Iowa	59.00
18.	I. G. Davis, Cowgill, Mo.	46.00
19.	.....	33.00
20.	W. R. Turner & Son	52.00
21.	John Lyle, Shelbyna, Mo.	35.00
22.	W. Alexander	43.00
23.	C. Lyle	29.00
24.	.....	30.00
25.	J. C. Friso, Shelbyna, Mo.	28.00
26.	S. Blackburn, Macon, Mo.	28.00
27.	W. P. McHenry	36.00
28.	.....	28.00
29.	A. Bailey, Shelbyna, Mo.	25.00
30.	E. C. Phillips	29.00
31.	W. B. Sales, Knox City, Mo.	29.00
32.	J. S. Blackburn, Lakenan, Mo.	44.00
33.	P. W. Huss, Hollis, Mo.	36.00
34.	.....	27.00
35.	Jess Click	26.00
36.	.....	26.00
37.	E. W. Wolland, Shelbyna, Mo.	31.00
38.	John Lisle, Shelbyna, Mo.	30.00
39.	John O'Donnell	30.00
40.	John C. Blackburn, Shelbyna, Mo.	30.00
41.	F. A. Hall, Lenton, Mo.	40.00
42.	A. C. Fell	36.00
43.	F. L. Bowman, Hamilton, Mo.	76.00
44.	R. H. Thompson, Holliday, Mo.	32.00
45.	R. L. Ward, Shelbyna, Mo.	35.00
46.	Campbell & Son, Kirksville, Mo.	31.00
47.	.....	36.00
48.	B. W. Hale, Laddonia, Mo.	50.00
49.	W. P. McHenry, Shelbyna, Mo.	30.00
50.	E. Miller, Shelbyna, Mo.	26.00
51.	.....	29.00
52.	.....	29.00
53.	W. B. Sales, Knox City, Mo.	31.00
54.	John Lyle, Shelbyna, Mo.	26.00
55.	A. Phillips, Shelbyna, Mo.	31.00
56.	.....	27.00
57.	.....	33.00
58.	.....	29.00
59.	F. Browning	26.00

## SUMMARY.

## JACKSON CONSIGNMENT.

50 head ..... \$6,962.50; average.....\$139.25

WARREN COUNTY INFIRMARY CONSIGNMENT.

3 head ..... \$215.50; average.....\$71.83

## Maupin &amp; Applegate Duroc Sale.

The sale of Duroc Jersey bred sows held at Shelbyna, Mo., by Messrs. Maupin & Applegate, on February 15th, was one of the successful sales of the Illinois Missouri circuit. Sixty head were sold at an average of \$38.98. The top was \$135, paid by Messrs. Wardell & Gattley, of Macon, Ill., for Lot 5, Helen's Sister, a litter mate to Helen Blazes,

## What Co-operation Has Done Farmer's Friend Separator Costs You Only \$55 Delivered

WE farmers of Iowa have broken away from the creamery trust and are manufacturing and marketing our own dairy products. During the past eight months, we have forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa.

Now we are saving money in another way—on farm supplies, and our offering of the Farmer's Friend Cream Separator gives you a fair idea of the saving.

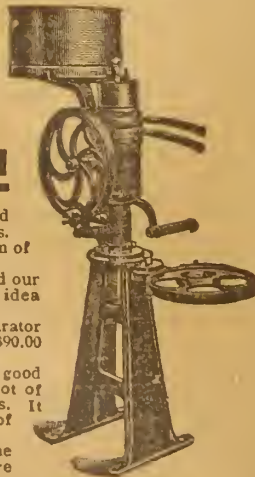
This Separator is made for our members, in the best cream separator factory in the world, and we fully guarantee it to be as good as any \$90.00 Standard separator ever made.

Just think of the difference in price, \$35—Thirty-five dollars just as good as thrown away as far as you are concerned. Thirty-five dollars—not of separator value and efficiency, but of big profits for the manufacturers. It was only by getting nearly 2,000 farmers together, (there are more of us now) that we could force this reduction.

But we have it now, and we want every farmer in this part of the country to know about it. We organized to benefit the farmer and we want to help just as many as we can. Space will not permit us to describe the "Farmer's Friend" fully here. Send for our catalog. We have selected a number of articles on which we are able to offer remarkably low prices. We save you from 20% to 50%. Write today.

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WE WILL GLADLY SEND YOU A CREAM SEPARATOR; you can use it sixty days, and if you are not sure you have the best separator in the world, the trial won't cost you one cent. Write for our new Cream Separator Catalogue and learn of THIS GREAT OFFER. \$19.75 full 1907 model Dundee Cream Separator, the equal of any machine sold by anyone else up to \$40.00. Our Improved Economy Cream Separator, slightly higher in price than our Dundee separator made, regardless of name or price, and is sold at a small part of the price others ask for high grade separators; and we guarantee our Economy to have greater capacity, to skim closer, skim colder milk, run easier and not get out of order, wear longer than any other machine in the market. We guarantee it 20 years, take care of it for you free, and we will always furnish you any needed repair or part in the years to come, promptly and on a few day's notice.

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## Watt &amp; Foust and Mahan Bros.' Sale.

On Tuesday, February 12th, Messrs. Watt & Foust, of Cedarville and Xenia, Ohio; Mahan Bros., of Osborn, Ohio, and Fred Bauer, of Eastwood, Ohio, sold a select draft from their herds of Duroc Jerseys, at the fair grounds in Dayton, Ohio. A large crowd of breeders were present and competition was keen throughout the entire sale. Mr. H. E. Watson, of Edinburg, Ind., topped the offering, securing the yearling show sow, Grand Champion Girl, at \$375. Mr. H. E. Browning being the contesting bidder. This sow is a daughter of the noted breeding boar, Kan't Be Beat, and was out of Ruberta, one of the best daughters of old Top Notcher. A spring gilt of the same breeding went to Mr. R. W. Shafer, of Westport, Ind., at \$250. There was a good demand for daughters of Kan't Be Beat and they were worthy of the prices paid for them. One of the very good bargains of the sale was No. 33 of the catalog, a daughter of Top Notcher's Last, which went to Mr. J. B. Davis, of Fairview, Kan., at \$215. Colonel Iglehart opened the sale and was ably assisted by Colonels Vinnege, Keil and Foster. A list of sales is given below:

Lot.	Price.
1 Perfection Chief Stock Company, Maryville, Mo. ....	\$100.00
2 T. F. Shetterly, Lapel, Ind. ....	55.00
3 C. J. Goebel, Louisville, Neb. ....	41.00
Extra, Murray Salmon, Lafayette, Ind. ....	55.00
5 T. F. Shetterly ....	57.50
6 H. E. Browning, Hersman, Ill. ....	50.00
7 C. C. Wheeler, Buechel, Ky. ....	43.00
8 F. M. Erschen, Odell, Ill. ....	50.00
10 Grant Chapin, Greene, Kan. ....	175.00
11 D. W. Brown, Union City, Ind. ....	41.00
12 Watt & Foust, Cedarville and Xenia, Ohio ....	71.00
13 Wm. Eidemiller, Tippecanoe City, Ohio ....	56.00
14 Same ....	54.00
15 Whitehall Farm, Yellow Springs, Ohio ....	55.00
16 J. P. Threlkeld, Waverly, Ky. ....	200.00
17 H. E. Watson, Edenburg, Ind. ....	375.00
18 R. W. Shafer, Westport, Ind. ....	250.00
19 Milton Crabil, Springfield, Ohio. ....	80.00
20 C. C. Fick & Son, Fairfield, O. ....	51.00
20 1/2 W. L. Williamson, Lapel, Ind. ....	55.00
21 W. A. Foster, Greenfield, Iowa. ....	80.00
22 M. W. Greer & Son, Rushville, Ill. ....	160.00
24 Milton Crabil ....	56.00
24 1/2 E. D. Fletcher, Poseyville, Ind. ....	156.00
25 Daniel Egbert, Lucasville, Ohio. ....	43.00
27 J. C. Barney, Coldwater, Mich. ....	142.50
28 A. W. Harris & Son, Morganfield, Ky. ....	140.00
30 M. D. Harvey & Son, Zionsville, Ind. ....	86.00
31 C. C. Wheeler ....	111.00
32 Jas. Shepard, Brookings, S. D. ....	100.00
33 J. B. Davis, Fairview, Kan. ....	215.00
34 W. L. Williamson ....	77.50
35 E. E. Greer & Son, Cambridge, Neb. ....	75.00
36 M. R. Grinnell, Yellow Springs, Ohio ....	57.00
37 J. L. Critser, Lafayette, Ind. ....	76.00
38 M. J. Caldwell, Lucasville, Ohio. ....	57.50
39 J. C. Barney ....	85.00
40 C. C. Wheeler ....	95.00
41 M. W. Greer & Son ....	77.00
42 Ira Jackson, Tippecanoe City, Ohio ....	127.50
43 C. C. Wheeler ....	50.00
44 J. C. Holloway, Nicholasville, Ky. ....	65.00
45 J. Chilton, Campbellsburg, Ky. ....	42.50
46 J. L. Critser ....	70.00
47 Wm. Robbins, Springfield, Ohio. ....	75.00
48 M. J. Caldwell ....	67.50
49 D. W. Brown, Union City, Ind. ....	70.00
50 A. L. Miller, Findlay, Ohio. ....	51.00
52 Fred Bauer & Son, Eastwood, Ohio ....	70.00
53 M. R. Grinnell ....	70.00
54 H. E. Richey, Middlepoint, Ohio. ....	56.00
55 C. J. McLaughlin, Pleasantville, Ohio ....	56.00
56 Daniel Egbert ....	50.00
57 Elmer Johnson, Elwood, Ind. ....	50.00
58 I. J. Lorton, Union City, Ind. ....	40.00
59 C. E. Kimm, Blairstown, Iowa. ....	125.00
60 M. J. Caldwell ....	51.00
61 Daniel Egbert ....	65.00

The entire offering averaged \$89.50 and the Watt & Foust average was \$107.

## S. P. Freed's Duroc Sale.

It was expected that Mr. S. P. Freed, of Ames, Iowa, would have an unusually good sale, because no man in the corn belt has taken greater pains to build up a herd in the essentials of Duroc Jersey character. The event, which was held February 11th, was fully up to expectations and resulted in an average price of \$65 on thirty-five head. The attendance was large, both of breeders and neighborhood farmers, so that when the sale began every seat in the tent was filled. The first event of the day was the inspection of Manley Orion. When this great hog was brought into the ring he created a sensation, because there were many present who had never seen him before. There is no doubt but what he is one of the top hogs of the breed. The five Tientsin gilts, full sisters of Ruberta, the \$1,500 sow, were the

I think too much of my name to put it upon poor lamp-chimneys. Evidently other makers feel the same way. Good lamp-chimneys bear my name, and the poor ones go nameless.

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## FANNING MILLS



We build both Side and End Shake Cleaners for farm use. Let us tell you about the "Expert." It has stood at the head for many years. Will grade your Oats and Barley, and is the very best in Timothy, Clover, etc. Select seed on the Double Test principle.

## SMUT MACHINES

The Expert Smut Destroyer will stop the smut in OATS and BARLEY as well as wheat, and will increase your yield 5 to 10 bu. per acre. A boy can operate it. Write and see whether our claims are reasonable.



## CORN GRADERS

We have the grade that is Expert in its work. Sacks all grades. Capacity 15 bu. per hour. Operator is seated. Folds for storage. Costs less than inferior machines. Write.



ANDREW CLELAND, Inventor and Mfr., 30 Years' Experience, 80 Western Ave., MINNEAPOLIS, MINNESOTA

attraction of the sale. These five gilts, four of which were bred to Manley Orion and one to Pride Advance, realized the neat sum of \$737.50. The top of the sale, \$200, was paid for No. 19, by Mr. A. L. Mossman, of Radcliffe, Iowa. The following is a list of the buyers and the prices paid:

Lot.	Price.
19. A. L. Mossman, Radcliffe, Iowa. ....	\$200.00
18. O. L. Mossman, Polk City, Iowa ....	185.00
20. A. E. Olive, Scranton, Iowa. ....	152.50
2. J. E. Judge, Kelly, Iowa. ....	51.00
3. F. N. Thomas, Boone, Iowa. ....	42.00
21. W. D. Pitman, Lake City, Iowa. ....	100.00
22. A. A. Lein, Roland, Iowa. ....	100.00
4. A. Stoll, Ames, Iowa. ....	44.00
5. Wm. Mangus, Gilbert Sta., Iowa ....	46.00
6. Thomas Epperson, Gilbert Station, Iowa ....	50.00
7. T. E. Manhart, Ames, Iowa. ....	70.00
12. A. D. Freed, Boone, Iowa. ....	60.00
8. C. P. Ball, Ames, Iowa. ....	52.50
9. H. H. Nolin, Ames, Iowa. ....	50.00
10. W. F. Allison, Ames, Iowa. ....	42.00
11. Oscar Peterson, Sheldahl, Iowa ....	45.00
13. O. S. Gilbert, Grundy Center, Iowa ....	45.00
14. W. D. Pittman ....	70.00
15. O. W. Harrison, Prophetstown, Ill. ....	65.00
16. Oscar Peterson, Slater, Iowa. ....	42.50
17. E. A. Olive, Scranton, Iowa. ....	67.50
23. A. D. Freed ....	58.00
24. M. A. Kitchen, Boone, Iowa. ....	41.00
25. S. H. Sodurs, Jordan, Iowa. ....	36.00
26. J. H. Allen, Ames, Iowa. ....	50.00
28. L. G. Rosenfelt, Kelly, Iowa. ....	41.00
29. Carl Rosenfelt, Kelly, Iowa. ....	35.00
30. White & Dewey, Shannon City, Iowa ....	100.00
31. Ola Wold, Gilbert Sta., Iowa. ....	37.00
32. Burt Kooser, Ames, Iowa. ....	52.00
33. Guy Roof, Fremont, Iowa. ....	45.00
34. White & Dewey ....	61.00
35. Jay Allen, Ames, Iowa. ....	39.00
S. K. Kingsbury, Ames, Iowa. ....	41.00
1. A. A. Lein ....	35.00

## H. S. Allen's Duroc Sale.

The annual Duroc sale of Mr. H. S. Allen, at Chariton, Iowa, was well attended and the event passed off in full accord with the expectations of Mr. Allen. The top price, \$211, was paid by Mr. J. A. Vorhis, of Woodburn, Iowa, for Proud Allen. Mr. Vorhis also paid \$190 for T. N. A.'s Darling. The lowest price was \$39 and the average on the forty-one head was \$80.34. Following is a list of the buyers:

Lot.	Price.
0. J. A. Russell, Corning, Iowa. ....	\$150.00
1. Frank Ohora, Meirose, Iowa. ....	72.50
2. J. A. Cottingham, Indianola, Ia. ....	67.50
3. J. W. Hoffman, Sigourney, Iowa ....	60.00
4. T. J. McGarry, Glenwood, Iowa. ....	130.00
5. Roycroft Farms, Des Moines, Ia. ....	75.00
6. C. A. McCune, Menlo, Iowa. ....	72.00
7. Amos W. Harris, Waverly, Ky. ....	98.00
8. Pfander & McClelland, Clarinda, Iowa ....	77.50
9. Z. I. Grout, Tingley, Iowa. ....	75.00
10. W. F. Stout, Delta, Iowa. ....	80.00
11. J. A. Vorhis, Woodburn, Iowa. ....	190.00
12. T. J. McGarry ....	122.50
13. C. W. Mathis, Bridgewater, Ia. ....	50.00
14. J. A. Cottingham ....	45.00
15. Geo. Buoy, Promise City, Iowa. ....	75.00
16. H. E. Lewis, Russell, Iowa. ....	75.00
17. George Miller, Chariton, Iowa. ....	85.00
18. Same ....	62.00
19. W. M. Sells, Indianola, Iowa. ....	46.00
20. M. M. Elmendorf, Lacona, Iowa ....	39.00
21. W. J. Taylor, Humeston, Iowa. ....	41.00
22. Geo. Miller ....	67.50
23. Sexsmith & Strong, Orient, Ia. ....	151.00
24. W. F. Stout ....	107.50
25. J. A. Vorhis ....	211.00
26. White & Dewey, Shannon City, Iowa ....	57.50
27. W. M. Sells ....	70.00
28. D. D. Evans, Garden Grove, Ia. ....	75.00
29. A. J. Menifee, Adair, Iowa. ....	40.00
30. A. A. Olson, Madrid, Iowa. ....	76.00
31. John White, Indianola, Iowa. ....	40.00
32. Geo. Miller ....	80.00
33. S. P. Freed ....	67.50
34. White & Dewey ....	50.00
35. J. A. Halverson, Leon, Iowa. ....	60.00
36. Z. I. Grout ....	62.50
37. D. D. Evans, Garden Grove, Ia. ....	55.00
38. C. W. Burger, Glenwood, Iowa. ....	60.00
39. Stanley Yates, Williamsburg, Iowa ....	70.00
40. C. W. Burger ....	105.00

## The Glissman Holstein-Friesian Sale.

The Holstein-Friesian sale of Mr. H. C. Glissman, of Omaha, Neb., which was held February 12th, at South Omaha, passed off successfully in every respect. One hundred and eighty dollars was paid for No. 1 in the catalog, a two-year-old heifer with a calf at foot. Mr. J. V. White, of Mitchell, S. D., was one of the heaviest buyers, having seven females and a bull knocked down to him. Mr. H. B. Elliott, of Duke, Iowa, purchased nine head. Bulls were rather slow sale, there being some extra good ones sold below \$80. Messrs. B. Witt, of Scribner, Neb.; Peter Diedrichsen, of the same place; S. Gleason, of Pierce, Neb.; Wm. Sargent, of Bronson, Iowa; G. F. Junkin, of Dexter, Iowa; Wm. Jensen, of Omaha, Neb.; H. Bler, South Omaha, and E. Elton, of Benson, Neb., were among the buyers. Thirty-two head, including calves from nine days to six months old, sold at an average of \$112.50. Everything was sold that was put up, so that it was a straight auction sale from start to finish. Mr. Glissman still reserves fifty head at Rock Brook Farm.

Sixth Annual Stock Sale  
OF PURE BRED

## Short-Horns and Poland Chinas

Grand Junction, Iowa, March 6, 1907.

**33 HEAD CATTLE** (consisting of sixteen young bulls, 8 to 18 months old, of good Scotch blood lines and choice sappy fellows of right conformation. Seventeen cows and heifers in good breeding condition. Bred to herd bull Winsome Duke 248237. Regular producers of profitable offspring as our offering will show.

**50 POLAND CHINA SOWS AND GILTS** Mostly sired by H. C. Perfection 93523 and Standard Dude 101373. A business lot in thrifty shape. Sale begins promptly at 12 M. on farm three miles east of town. Write for catalog.

**SCHNEIDER BROS.,** GRAND JUNCTION, IOWA  
F. F. LUTHER & SON, Auctioneers.

40 HEAD DUROC JERSEY BROOD SOWS  
Will be sold at  
CLARINDA, IA., FEB. 26, 1907

This offering consists of six tried brood sows and three fall yearlings and the balance spring gilts, except one extra good August male pig. These sows are bred to such boars as Gold King No. 48935, by Golden Rule, Iowa Standard No. 58805, by Duroc Standard, Pratt Improver No. 58803, by Improver II. Write for catalog.

**HARRY PFANDER and WM. W. McCLELLAND,**  
WICKLEMAN BROS., Aucts.  
R. H. SPRY, Clerk. Clarinda, Ia.

Public Sale March 5  
OF 4 REGISTERED PERCHERON STALLIONS  
AT GILMORE CITY, IOWA

ABOUT 30 brood mares and fillies, about 20 being in foal. Thirty head of choice market horses and colts, from 3 to 9 years old and fat. These are all choice horses of their respective classes.  
**Al Mason, Auct.,** **M. D. WOLCOTT, PROP.**

## The Way to Independence

Buy a ticket over the Great Northern Railway to a point in the Northwest. It will take you to a country where opportunities abound—where industry is rewarded and prosperity prevails. Along the line of the Great Northern Railway in

WASHINGTON, MONTANA,  
IDAHO, NORTH DAKOTA

are millions of acres of rich, fertile land waiting for the plow. If you are looking for a home—a chance to improve your condition and become independent, you will find it in these states. Our bulletins on Washington, Montana and North Dakota tell what others have done—YOU can do as well. Write today for the bulletin in which you are interested; mailed free on request.

## LOW RATES DURING MARCH AND APRIL

**\$25** to Seattle, Tacoma, Portland, Bellingham, Everett, Vancouver and all Puget Sound Points.

**\$22.50** to Spokane, Wenatchee, the Kootenai and Eastern Washington.

**\$20** to Helena, Butte, Great Falls, Havre, Kalispell and Whitefish.

Above rates are from St. Paul and Minneapolis. Proportionately low rates from Chicago, Des Moines and many other points.

TWO TRAINS DAILY -- LIBERAL STOPOVERS -- TOURIST SLEEPING CARS

**MAX BASS**  
General Immigration Agent  
220 SO. CLARK ST.  
CHICAGO

**GREAT NORTHERN RAILWAY**

**A. L. CRAIG**  
Passenger Traffic Manager  
ST. PAUL, MINN.

ALASKA—YUKON—PACIFIC EXPOSITION,  
Seattle, June—October, 1909.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Feb. 23, H. E. Watson, Edinburg, Ind.  
 Feb. 23, S. R. Murphy, Savannah, Mo.  
 Feb. 25, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 25, Wm. Sanstead, Holdrege, Neb.  
 Feb. 25, Sow sale, W. A. Staples & Sons, Glidden, Iowa.  
 Feb. 26, Wm. W. McClelland, Clarinda, Iowa.  
 Feb. 26, M. A. Sellers & Son, Huntley, Neb.  
 Feb. 26, Geo. C. Blessing, Homer, Neb.  
 Feb. 26, W. D. Pittman, Lake City, Iowa.  
 Feb. 26, G. J. Mack, Clarion, Iowa.  
 Feb. 26, James Williams, Marcus, Iowa.  
 Feb. 27, Geo. W. Seckman and Fred Allen, Ripley, Ill., at Mt. Sterling, Ill.  
 Feb. 27, S. J. Tillman, Ragan, Neb.  
 Feb. 27, Perfection Chief Stock Co., Maryville, Mo.  
 Feb. 27, John H. Tryon & Son, Lyons, Neb.  
 Feb. 27, J. W. Pittman, Lohrville, Iowa.  
 Feb. 27, W. J. Wendt, Marcus, Iowa.  
 Feb. 28, Geo. Karschner, Wilcox, Neb.  
 Feb. 28, W. J. Stone, Lyons, Neb.  
 Feb. 28, Geo. W. Custer, Moville, Iowa.  
 Feb. 28, J. S. Teale, Lamoni, Iowa.  
 Mar. 1, E. F. La Rue, Lyons, Neb.  
 Mar. 1, C. C. Wassen, Wilcox, Neb.  
 Mar. 2, W. A. Peterson, Lyons, Neb.  
 Mar. 2, A. A. & W. G. Karschner, Wilcox, Neb.

## POLAND CHINAS.

Feb. 22, J. M. & J. C. Robison, Towanda, Kan.  
 Feb. 22, E. N. Bergen, Stanton, Iowa.  
 Feb. 23, A. J. Podendorf, Logan, Iowa.  
 Feb. 23, J. O. James, Braddyville, Iowa.  
 Feb. 26, J. E. Walker, Anita, Iowa.  
 Feb. 26, J. C. Bailly, Marshalltown, Iowa.  
 Feb. 27, W. W. Wheeler, Harlan, Iowa.  
 Feb. 28, F. G. Paul, Laurel, Iowa.  
 Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
 April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

Mar. 7, C. H. Seibel, Paton, Iowa.  
 Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
 March 15, E. T. Rickard, Grinnell, Iowa.  
 Mar. 19, Closing Out Sale, White Bros., Perry, Iowa.  
 March 27, J. H. Eno, Havelock, Iowa.  
 Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 28, C. J. Martin, Churdan, Iowa.  
 June 4, 6, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
 Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

Feb. 27, E. O. Wolcott, Gilmore City, Iowa.  
 Feb. 28, Estate of Patrick Gleeson, Oakland, Neb.  
 Mar. 7, A. H. Brett, Mason City, Iowa.  
 Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
 March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.  
 March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
 March 14, A. Carrier & Son, Newton, Iowa.  
 March 18, W. H. McLaughlin, Shelby, Iowa.  
 Mar. 20, James Stark, Harvard, Neb.  
 Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 May 22, R. H. Hadley, New Providence, Ia.  
 May 31, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 19, N. P. Halgren, Vinton, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## POLAND CHINAS AND SHORT-HORNS

Feb. 28, J. A. Penn, Alta, Iowa.  
 Mar. 6, Schnieder Bros., Dana, Iowa.

## CHESTER WHITES.

Feb. 28, F. G. Paul, Laurel, Iowa.  
 SHORT-HORNS AND DUROC JERSEYS.

Feb. 25, W. C. Cameron, Herman, Neb.  
 PERCHERONS.

March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.  
 JACKS AND JENNETS.

Mar. 2, W. J. Finley, Marshall, Mo.  
 Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

## HIGH-GRADE SHIRES.

Feb. 26, W. D. Pittman, Lake City, Iowa.

## PERCHERONS AND SHIRES.

April 2, Jas. A. & S. E. Niblo, Milan, Mo.

## PERCHERONS AND CLYDESDALES.

Mar. 7, A. H. Brett, Mason City, Iowa.

## HEREFORDS.

Feb. 27, 28, Combination sale at Kansas City, Mo., C. R. Thomas, Mgr.  
 April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Mo.  
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 June 18, Hood & Baker, Dunlap, Iowa.

## FIELD NOTES.

Duroc Jersey bred sows are offered for sale by Mr. Delmar McCann, of Kennard, Neb.

Mr. John E. Griffith, of Washington, Iowa, claims October 16th as the date for a public sale of Aberdeen Angus cattle.

Three Clydesdale stallions are offered for sale by Mr. A. Bailey, of Anita, Iowa. These are bargains if taken soon.

Duroc Jersey sows and gilts bred and ready to farrow are offered for sale by Messrs. Rood Bros., of Lake Park, Iowa.

Mr. W. J. Prather, breeder of Duroc Jersey swine, Russell, Iowa, writes: "I am about all sold out, but will have some good boars by Tom Davis for spring trade. He is a hog I sold at the Iowa State Fair for \$300 and at which place he took second premium. At the Nebraska Fair he took

first premium. I have been told Mr. Van Patten, who purchased him, refused \$1,000 for him."

Registered French draft mares and fillies are offered for sale by Mr. F. J. Svoboda, of Snyder, Neb., and at very reasonable prices.

French draft and Percheron stallions and Missouri and Kentucky jacks are offered for sale by Mr. C. T. Gollehon, of Blair, Neb.

Ten head of Junior Jim gilts, of April and May farrow, bred to Long Alix and Redwood Chief, are offered for sale by Mr. Austin Renshaw, of Blair, Neb.

Mr. Henry Dorr, of Remsen, Iowa, whose public sale of Poland China swine took place February 5th, writes that the average on sixty-two head was \$40.10.

Mr. George Mutch, of Elroy, Wis., will dispose of his Short-horn bulls at what he terms "snap prices." His advertisement will be found on page 35 of this issue.

Ten to forty head of Short-horn or Aberdeen Angus cattle are wanted as per advertisement on page 35 of this issue, the address of which is Box 21, Ocheyedan, Iowa.

Mr. E. R. Wood, of Jefferson, Iowa, writes as follows: "My average at my recent Duroc Jersey sale on thirty-six head was \$52.25 and on forty head, \$49.30; you have it \$46 on thirty-eight head."

Mr. W. I. Toop, of Auburn, Iowa, has a few good young Short-horn bulls for sale, sired by the noted bull, Gondolier. He is pricing these within the reach of anyone who wants a good young bull. Write him and get his terms.

Mr. Sherman Edwards, of Bondurant, Iowa, is offering twenty head of pure-bred Duroc Jersey gilts for sale in his advertisement that appears on page 35 of this issue. They are bred for April farrow to a son of Crimston Wonder Again.

Messrs. F. M. Deyoe & Son, of Mason City, Iowa, have twenty Duroc Jersey gilts and six yearling sows that are bred, which they are offering for sale to Homestead readers in their advertisement on page 35 of this issue. They make the announcement that these are all choice animals.

Mr. W. R. Wilson, of Arispe, Iowa, has recently secured from France a two-year-old Percheron stallion that will weigh 1,900 pounds. He sailed on January 6th and landed in his barn January 25th. He is one of the best young stallions ever brought to southern Iowa.

Mr. J. F. Waggoner, breeder of Poland China swine, of Olin, Iowa, in ordering his advertisement continued, which will be found on page 45 of this issue, says: "I still have a number of good young Poland China sows for sale. My hogs are all healthy and growing nicely."

Mr. H. B. Griffiths, of Bowen, Ill., writes: "I see by the sale report in The Homestead that gilt No. 18 is quoted as having sold at \$17.50. It should be \$67.50." We make this explanation in justice to Mr. Griffiths and also to Mr. J. E. Reed, of Aledo, Ill., who was the purchaser.

Mr. M. A. McWilliams, of Wall Lake, Iowa, will sell forty head of Duroc Jersey brood sows at his farm on February 22d. These are largely the get of his splendid boar, Orion J., a son of old Orion, and out of the great Kruger Maid. He is selling a good bunch of sows in this sale.

Mr. F. Bowman, of Eldora, Iowa, is offering Duroc Jersey gilts, bred to Golden Tip 17911 for April and May farrow. He also has a few late boars for sale, sired by Champion 12351. Mr. Bowman will quote reasonable prices on this stock. His advertisement appears on page 43 of this issue.

Mr. Ernest Babcock, of Manning, Iowa, whose public sale of Poland China swine took place February 2d, writes that he had a very bad day, as it was 10 or 15 degrees below zero and quite stormy. However, the sale was a successful one, three sows selling for \$77.50, \$75 and \$70, respectively. His average was around \$40, excepting nine fall pigs.

We desire to call the attention of our readers to the advertisements found on page 35 of this issue, of the Cedar Rapids Jack Farm, of Cedar Rapids, Iowa. They are offering now one of the largest and best supply of jacks for sale that they have had on hand for a number of years, and they will dispose of them at the lowest prices. They also have a large number of imported Percheron and Belgian stallions at very attractive prices. Their new importation of German coachers will arrive March 12th. Write them for photographs of animals they have for sale.

In sending change for his advertisement, Mr. Fred Ebendorf, breeder of Poland China swine, of Strawberry Point, Iowa, writes: "I do not offer twenty-five bred sows sired by Corrector, Hustle On, L's Tecumseh 2d and Ohons. They are good, growthy, heavy boned, best of color and coats. They weigh from 225 to 450 pounds and are just right to do the buyer good. They are also safe in pig to Hustle On, Perfect Spellbinder and Correct I Know Jr. All are good colored, well coated and will make large hogs at maturity. I also offer some choice Short-horn cows with calves at side and some open heifers that will grand cows, and several bulls from nine to sixteen months old, all red, and a good, uniform lot. Would be pleased to quote prices on any amount of stock. I want to close out my entire herd. I also have fifty Rose Comb Brown Leghorns for sale." See advertisement on page 35.

Messrs. P. S. & S. Barr, of Davenport, Iowa, write: "Sales are good and stock in best of condition to please buyers. Our Poland Chinas have been fed and raised for best results as breeders, plenty of clover and blue grass and shorts slop. They are a growthy, vigorous, good-boned lot, and our prices are moving them fast with the aid of The Homestead. Recent sales are: Two sows to Mr. J. Hiles, of Gilson, Ill.; two to Mr. J. Andrews, of Marengo, Ill.; two to Mr. O. Each, of Sabula, Iowa; two to Mr. O. Hebranson, of St. Olaf, Iowa. Price of pork seems to be stimulating sale of breeding stock and someone will be too late ordering, as usual, as we expect to run short on bred sows later in the season. We recently sold a foundation herd of nine head of Short-horn cattle to Mr. O. Robeson, of Brooklyn, Iowa, also a choice two-year-old Polled Dur-

## SAMPLE CREAM EXTRACTOR FREE GIVEN AWAY



Interior View

## Remember

COMMUNITY WHERE WE HAVE NO AGENT MAY HAVE THE BENEFIT OF THIS FREE ADVERTISING OFFER. SEND US YOUR NAME AND THE NAME OF YOUR NEAREST FREIGHT OFFICE.

Peoples Supply Co., Dept. K, Kansas City, Mo.

Without Money and Without Price, No Deposit, No Note to Sign and Not Even Your Promise to Pay.

We Offer You

Owners of Cows

old process, there is the back-breaking drudgery of washing pans and milk vessels, and the time consumed in this work that can profitably be devoted to other duties. Now the

## PEOPLES AUTOMATIC CREAM EXTRACTOR

will stop this loss of Cream, money and valuable time. ARE YOU KEEPING COWS FOR PROFIT? If they are not paying we can make them pay. If we can increase the quantity of your cream from 15 per cent to 20 per cent over your present yield, that means more dollars for you, doesn't it? DO YOU SELL YOUR CREAM? If we give it to you cool, fresh and sweet directly after it comes from the cow unaffected by chemical action, that means more dollars, doesn't it? DO YOU USE YOUR CREAM FOR DOMESTIC PURPOSES? If we improve the quality of your butter all the year through by giving you a harder, sweeter butter that will not stale or become sour, that means a great deal to you, doesn't it?

It won't cost you a cent to take advantage of the above offer, as we will send one Cream Extractor into each community absolutely free, without money and without price. No contract to sign or note to be given, not even your promise to pay at this or any other time. WRITE TODAY, AS ONLY ONE PERSON IN EACH COMMUNITY WHERE WE HAVE NO AGENT MAY HAVE THE BENEFIT OF THIS FREE ADVERTISING OFFER. SEND US YOUR NAME AND THE NAME OF YOUR NEAREST FREIGHT OFFICE.

ham herd bull to the Amana Society, of Homestead, Iowa." See advertisement on page 45.

Mr. T. A. Stevenson, of Shannon City, Iowa, is offering the imported Shire stallion, Toft Right Stamp 5704, for sale in his advertisement that appears on page 47. Mr. Stevenson writes: "This horse is a great individual, a wonderful breeder and one of the best, if not the best, Shire horses in the West." Toft Right Stamp is ten years old and weighs 2,260 pounds.

Messrs. H. A. Eveland & Son, of Jamaica, Iowa, have chosen this issue of The Homestead to announce that they have a number of young Angus bulls and females for private sale. Their herd has been established for a number of years, and they have been quietly working to produce better stock each season. In keeping with this policy they purchased a year ago of Mr. W. A. McHenry, of Denison, Iowa, their present herd header, Patriot Boy. He is a double-bred Pride of the richest blood and his dam is a \$1,000 animal. Among the bulls, which range in age from nine to twelve months, is one very splendid youngster. He is a yearling and a very attractive fellow, that stands a good chance of making a show bull. Any of our readers desiring some good, useful Angus will do well to call on these parties or write them. Their advertisement appears on page 43. Kindly mention The Homestead.

Mr. J. G. Truman, of Bushnell, Ill., writes: "I am very pleased to report the safe arrival of our third importation for this season. After looking them all over, I have no hesitancy in saying that they are, taking them all round, the best lot of Shire stallions we have ever imported. Every horse is a show horse. In ages they run from three to five years, extra good colors, with very heavy, clean flinty bone and feather of the right kind, and, together with the Shire stallions we have on hand, make us by far the most select and largest stud of imported Shire stallions today in the United States. These horses we are offering at greatly reduced prices in order to move them, as we have another importation about ready to leave England and we have got to have the room. It will pay your readers that are contemplating purchasing a stallion to come and see our horses before they buy." See advertisement on page 47.

Messrs. Edmonds, Shade & Co., proprietors of Shadeland Stock Farm, of Kingsley, Iowa, in remitting for advertising already done, write that they are offering a fine bunch of bulls ranging in age from twelve to twenty-four months of age, all by prize-winning sires, and every one a good one, and a fine bunch of bred heifers. They are also offering for sale their great show bull, King Edward, as they have his sire, Columbus 35th. The two cannot be used to advantage in the herd, so they will offer this great young bull for sale. His winnings are second to none for four consecutive years. He was first in the yearling class at Nebraska State Fair in 1904, first in class and reserve grand champion at South Dakota State Fair in 1904, over all breeds, first in class Interstate Fair, 1903-4-5, and first and sweepstakes in 1906. Their 1906 calf herd, shown at three state fairs, were all his get. Those who are looking for something extra in a herd bull, a great prize winner and a bull that produces prize winners, should be looking after this one, as this kind is seldom offered for sale.

Miss Lou Goodwin, of Blue Rapids, Kan., writing in regard to her contribution to the combination sale of Hereford cattle to be held at Kansas City, Mo., February 27th and 28th, advertisement of which appears on page 40 of this issue, says: "I have contributed five head of young bulls, Lots 70 to 74 in catalog. Four of these are sired by Beau Mystic 179220, that won first prize in the aged class of bulls at the American Royal show this last fall and is now at the head of the Sunny Slope herd. These bulls are from sixteen to twenty months old. They are in prime condition for breeding purposes. Two are out of Archibald Nic. cows, one out of a May's Keep On cow, and the other out of Corrector blood. They are all long bodied, straight backed with good quarters. Lot 73 is a May's Keep On bull out of a Wild Tom cow. He was two years old last December. This bull is a full brother to Modest Keep On, the junior yearling that won second prize at the American Royal show in 1905. He is of the same broad-backed, low-down, beefy type of his brother and sire, is in fine condition and worthy to head a herd. The only reason I part with him is because I have so many cows of his breed-

ing I cannot use him to advantage. I have used him on some of my best cows this last fall."

Dr. W. Cheatham, of Orrick, Mo., is offering ten stallions and mares for sale of the style shown in the illustration that appears in his advertisement on page 35 of this issue. They are all blacks and are of the same breeding as the stallion shown which has had but few equal in the show ring. Dr. Cheatham also breeds Mammoth jacks and jennets and was the owner of King Mammoth, sire of Callaway Queen, the largest mule in the United States, weighing 2,200 pounds.

In the advertisement of the Harvard Nursery Company, of Harvard, Ill., which appears on page 14 of this issue of The Homestead, prices are named at which Norway spruce and arbor vitae trees will be sent prepaid by mail. There are also other bargains and can furnish evergreen, by express or freight very cheap. The Harvard Nursery Company grow sixteen different kinds of evergreens. If intending to plant this season, or for that matter any other season, ask them for their free price list.

Mr. U. G. Davidson, of Manson, Iowa, owner of the sweepstakes boar, Crimston Wonder I Am, and breeder of the sweepstakes boar, Crimston Wonder Again, writes: "I still have a few gilts sired by the great champion that are bred for early April and May farrow. I have been told that I offer better gilts at \$50 each than many that have sold for \$200 to \$300. Parties who doubt this are invited to visit the herd and see for themselves. To the party who wrote us for prices on gilts by C. W. I Am about February 12th and did not receive an answer, we wish to state his letter fell into the hands of a four-year-old scion of the house and was never seen afterward. If he will please write again we will give him all the information possible. Intending purchasers are invited to visit the herd. In writing, please mention The Homestead." See advertisement on page 43.

Mr. James E. Walker, of Anita, Iowa, whose public sale of Poland Chinas will take place on February 26th, writes: "I purchased two sows at Mr. E. D. Keasey's sale which I will put into my sale. One of them is Avira, farrowed July 13, 1905, bred by Mr. E. L. Jimison, of Oneida, Ill. She is out of Chief Sunshine 2d by Chief Sunshine by Ideal Sunshine 59515. She was bred to Contractor, Mr. Keasey's prize winner at Iowa and Nebraska State Fairs, on December 18, 1906. I consider her one of the choicest animals sold at his sale. I will also sell Faith, a Keep On sow, farrowed April 5, 1906. She has splendid size for her age, and is by a grandson of Perfect Perfection, her dam by Keep On 2d by Keep On. She was bred to Contractor 120133, December 2, 1906. She is a fancy gilt and has size to burn. In the field note in The Homestead last week it was stated that the big fall yearling sow, Gold Crums, was in pig to Corrector; it should have been Timekeeper."

Mr. W. H. Jones, of Clemons, Iowa, furnishes the following notes in regard to his herd of Poland Chinas: "I still have a number of spring gilts of March and April farrow that are large and growthy with good length, heavy bone, deep bodies, good backs, good heads, ends and middles, that will weigh from 225 to 260 pounds and are sired by Standard Perfection 95601 (a large, broad, deep hog with the bone under him that will carry any load in full flesh—he will weigh 900 pounds), and Baraboo 108427, with lots of bone, size and finish, a hog that would do credit in the best of herds, and he stamps his get just so. Our herd is rich in Perfection blood. These gilts are bred to T. J. Perfection 114983. This boar has the largest bone of any young boar we have seen this season. He is of good length with great shoulders and bulging hams. He is a model. He was sired by Star Top 104001, he by High Top 62417, dam Lady Zerling 159886. We also have two fall gilts to spare of sound breeding, that are good ones, sired by Standard Perfection and bred to Baraboo, that would grace any herd and should not last long at the price we are asking for them. We will also spare a few tried two-year-olds, good, large brood sows, that have proven themselves profitable breeders. They are all safe in pig to Baraboo 108427, the head boar of the herd. Any breeder wishing something good can safely land here. Our motto is 'honest and square dealing.' Answers to inquiries will not be overdrawn."



but the facts given just as they are." See advertisement on page 45.

Messrs. C. C. Drake & Son, of La Harpe, Ill., are offering a fine, well-trained, yearling Fox Terrier dog for sale in their advertisement that appears on page 17 of this issue. This dog is well bred and will be priced right.

In this issue of The Homestead on page 26 appears the advertisement of a 366-acre farm, within fifteen miles of Des Moines, level, all under cultivation, good soil and two sets of improvements, at the bargain price of \$100 per acre. Write Mr. Geo. C. Hunter, 317 I. L. & T. Bldg., Des Moines, for particulars, and mention The Homestead.

Mr. William Spear, of Stanwood, Iowa, has a very fine Shire stallion advertised for sale in this issue. This horse is a bay, three years old last fall, good heavy bone, very heavy bodied and best of breeder; has colts to show. Will be sold cheap if taken before March 15th. If not sold by that time he will put him on stand. See advertisement on page 35.

Interurbans are a means of advancing the price of property along their courses to a great extent. This has been the case in a marked degree, especially in this locality, yet Mr. Geo. C. Hunter, 317 I. L. & T. Bldg., Des Moines, Iowa, is advertising on page 26 of this issue a 160-acre level farm, within fourteen miles of Des Moines, at a bargain. Write him at once for particulars.

Mr. A. C. Lanham, breeder of Poland China swine, of Battle Creek, Iowa, writes: "We still have a few good bred sows and gilts left for sale. Among them are some of the best we ever raised. Sows bred to L. Sunshine have gone into some of the best herds in this section. The herd is in good shape, sows are all safely bred to L. Sunshine and we are expecting some great pigs this spring."

The Powers Manufacturing Company, 140 Sycamore St., Waterloo, Iowa, are advertising the Lankford collar for sale in their advertisement on page 28. They set forth the fact that this collar cures gall, sore necks and sore shoulders and it fits any shape neck. It is cotton filled and flexible and is a strictly humane collar. Circular and book will be sent free by writing to the above address.

"Hardy Trees, Plants and Shrubs—How to Grow Them," is the title of an interesting catalog and booklet being mailed by Strand's Nursery, R. F. D. 16, Taylors Falls, Minn. All of our readers should procure a copy (which will be mailed free upon request), as it contains many suggestions that will be of benefit to planters. They grow a complete assortment of varieties adapted to the Northwest which they sell direct to planters at reasonable prices.

The Big Sioux Valley Land Company, of Sioux Falls, S. D., ask that farmers, investors and stockmen investigate their good lands of southeastern South Dakota before buying. Their lands are located 175 miles south of the southern boundary line of North Dakota, where the climatic conditions and rainfall are favorable to profitable production of corn, red clover and small grains. They will send descriptive literature, crop reports and high land list for the asking. The advertisement appears on page 27.

A public sale of four registered Percheron stallions and about thirty brood mares and fillies, about twenty of which are in foal, and thirty head of choice market horses and colts, ranging in age from three to nine years of age, will be held at Gilmore City, Iowa, on March 5th. The advertisement will be found on page 32. Mr. D. M. Wolcott in furnishing copy for this advertisement, writes: "The stallions we offer are choice ones and the brood mares and market horses are also the best of their respective classes." This being a large offering and little late in the season, there will undoubtedly be a good many bargains.

Messrs. Maasdam & Wheeler, of Fairfield, Iowa, whose advertisement of Percheron horses appears on page 46 of this issue, write: "We are making a few satisfactory sales and receiving a great many inquiries for stock. We have had no trouble in selling to those wanting first-class stock. One of our recent sales was to Messrs. Hartley & Wilson, of Dallas, Iowa. These gentlemen purchased the dark gray four-year-old imported stallion sired by Besique that we have mentioned before in your columns. They visited a number of the leading breeders and dealers in the country before deciding on this horse. We still have about twenty head of mares and stallions for sale. Among the mares we will mention a black team that we have at work every day. They are four and five years old, well broke, sound and weigh in just ordinary work condition 3,680 pounds. This would make someone a grand pair of work and brood mares. This pair is only one of several paid we have that are equally good. We have every reason to believe that we own and have on our farm the best three-year-old Percheron mare in America. She is a dark gray, perfectly sound, draft type, full of quality and weighs in just fair condition 2,080 pounds. Our stallions are large, with plenty of size and weight, both home-bred and imported. We can sell a good stallion from \$300 up, according to age, size and quality."

#### FRENCH DRAFT MARES FOR SALE.

Seven good French draft mares and fillies are offered for sale by Mr. F. J. Svoboda, Snyder, Neb. These are all registered or are eligible to registry and are bred to a good stallion. If you want these, write at once or go and see them.

#### HORSE SALE POSTPONED.

The Percheron horse sale at Arispe, Iowa, on March 6th, under the management of Mr. W. R. Wilson, has been postponed until a later date. Horsemen will take notice of this, and tell their friends that the sale will be held at a later date, when it will be announced in these columns.

#### J. T. JUDGE'S POLAND SALE.

On Saturday, March 2d, Mr. J. T. Judge, proprietor of Walnut Grove Stock Farm, one mile north of Carroll, Iowa, will sell forty head of extra good Poland Chinas. A number of the sows and gilts in this sale are bred to Billy Sunday 83621 and some bred to Defender 98447, a son of Corrector and a great-grandson of Chief Perfection 2d. Mr.

Judge's gilts and tried sows throughout combine size and quality and are just the kind that men are looking for these days. The offering consists of six aged sows, thirteen fall yearlings and twenty-one gilts. Write at once for catalog to Mr. J. T. Judge, of Carroll, Iowa, and mention The Homestead when you write.

#### HIGH-GRADE SHIRES HORSES AND MARES.

On Tuesday, February 26th, Mr. W. D. Pittman, of Lake City, Iowa, will sell twenty splendid high-grade Shire mares and horses at public sale, also a couple of extra fine driving teams. Mr. Pittman is one of the best horsemen in the state and he always puts up a splendid lot of horses.

#### A SALE OF PERCHERONS AND SHIRES.

Messrs. Jas. A. & S. E. Niblo, of Milan, Mo., claim April 2d for a dispersion sale of Percheron and English Shire stallions and mares. The stallions in service are imported stock and the mares of breeding age are in foal to their service. This will be an excellent opportunity to buy desirable breeding stock. Watch for future announcements.

#### FREE SLEEPER TO TEXAS.

The Western Land Company, 530 Good Block, Des Moines, Iowa, are offering Panhandle Texas lands cheap. All they want is an opportunity to "show you." In order that they may have this opportunity they are offering in their advertisement that appears on page 27 of this issue, to furnish free sleepers on their next excursion, which goes March 5th. Write them for details and mention The Homestead.

#### THE HOOKER PERCHERONS.

On page 35 of this issue will be found the advertisement of Mr. Will F. Hooker, of Northboro, Iowa, who is offering two extra good Percheron two-year-old stallions. One of these, Longworth 45596, is a full brother to the stud colt sold by Mr. Hooker at Shenandoah last fall for \$500. He is sound and right in every way and is the making of an extra good draft stallion. The other, Francis 41697, is a bay, and in the opinion of Mr. Hooker will make a stallion weighing 2,100 pounds when he is mature. He is a half brother to the former International champion, Olbert, now at the head of Mr. McMillan's stud at Rock Rapids, Iowa. These colts, wherever they go, will do the men who buy them good and will be a blessing to the community into which they are introduced. They are good, sound, blocky fellows and will be priced right. Address Mr. Will F. Hooker, Northboro, Iowa.

#### CLOSING OUT ABERDEEN ANGUS SALE.

On March 19th, at Perry, Iowa, will occur the closing out sale of Aberdeen Angus cattle owned by the Messrs. White Bros., and it will be one of the great offerings of the year. They will sell sixty-one head altogether, and thirteen of these will be bulls, including their great Pride bull, Prince of Pilsen, considered one of the great Aberdeen Angus bulls in the West. In this sale will be a string of young bulls and heifers sired by this splendid bull that are as good as were ever seen in one herd. There will be one young K. Pride bull in the sale out of an imported cow, and one splendid Queen Mother bull. There are four K. Prides in the sale, three Blackbirds, two Queen Mothers and four Lavenders. There will also be one imported K. Pride, one imported Lavender and one imported Trojan Erica in the sale, and these will all be bred to Prince of Pilsen. Aberdeen Angus men should write at once for catalog. This firm have been purchasers of some exceedingly good cattle, and there will be some good bargains offered in this sale.

#### LAST CALL FOR THE WALKER POLAND CHINA SOW SALE.

On Tuesday, February 26th, Mr. Jas. E. Walker, of Anita, Iowa, will sell thirty head of Poland China brood sows at Atlantic, Iowa. These are yearlings, matured sows and spring gilts. Mr. Walker has selected his best sows and his best gilts for this sale. Everything to be sold will be bred to Corrected, a son of the noted boar, Corrector, or to Timekeeper, a son of the great Keep On. He sells a great fall yearling in the sale called Gold Crums. This sow has the size, length, depth and finish that will please them all, and she deserves to sell well. She is bred to Corrected for early farrow. There will also be a full sister to her in the sale, Silver Lining, a John Francis & Son-bred sow, will also be sold in the sale. This sow was in the Francis & Son prize-winning herd at Des Moines and she was in Mr. Walker's sweepstakes herd at Atlantic. She will be bred to Timekeeper. Mr. Walker is putting in his best gilts in this sale. If you want a few good Poland China sows, don't forget this sale at Atlantic, Iowa, February 26th. Write Mr. Walker at Anita, Iowa, for catalog.

#### C. R. STEELE'S TWO-DAY SHORT-HORN SALE.

On Tuesday and Wednesday, March 12th and 13th, at his farm near Ireton, Iowa, Mr. C. R. Steele, one of the best Short-horn breeders in the state of Iowa, will make a two-day sale, and it promises to eclipse anything ever before offered from his herd. He is selling 112 head, and forty of these are straight Scotch cattle. He is selling two imported cows in this offering and two of these will have calf at foot by the great prize-winning bull, Ceremonious Archer, and the other by Lord Banff 3d, the best son of the noted bull, Imp. Lord Banff. Of the Scotch females that will go into the sale are Orange Blossom, Duchess of Gloster, Victoria, Butterfly, Mysie, Lavender, Matchless, Airy Buckingham, Louisa, Miss Ramsden and Mary Ann of Lancaster. There will be a lot of the popular Rose of Sharon, Young Mary, Young Phyllis, Rosemary, Lady Sale and other well-known families, and there will be enough cattle for both breeder and farmer. They will be bred to Ceremonious Archer, Lord Banff 3d and Imp. Sittytton Fame. There will be a splendid lot of young bulls in the sale and seven or eight of these will be Scotch bulls. Mr. Steele has never before offered such a bunch of cattle as he will sell at this time. He will put the greatest lot of Scotch and Scotch-topped heifers through the ring on this occasion that he has ever sold, and there never was a better lot sold in one sale in western or northwest Iowa. Every Short-horn man in the West should



This is Huttig.

through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the Island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

**H. W. Huttig**

PRESIDENT

## I Stand Back of Huttig's Rubber Roofing

WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

I GIVE you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap.

Now, here's how I feel about it. If you have used for roofing—

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me. Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you my booklet B and special Ironclad Roofing Guarantee. Write me personally, and do it to-day.

**HUTTIG MANUFACTURING CO.,**  
MUSCATINE, IOWA.

write at once for catalog. Watch for following issues of The Homestead for fuller details about this offering. Kindly mention The Homestead when writing for catalog.

#### BAXTER'S DUROC SALE.

When Mr. Ed. A. Baxter, of Pawnee, Ill., selected the stock for his closing out sale he found that there were more pigs than he could sell in one afternoon, and on account of this fact, he was obliged to keep a good lot of spring and fall pigs. It is Mr. Baxter's intention to quit the business entirely, and he now offers to the public the balance of his herd at auction. He has selected Monday, February 25th, and will be pleased to have readers of The Homestead present who wish to get some extra good late spring and fall pigs. Every Duroc on the place will be sold in this sale. There will no doubt be many bargains and the readers of this paper should plan to be present at this sale. Bids sent to Mr. D. M. Pierce, representing this paper, in care of Mr. Baxter, will be properly handled. Plan to be present sale day. Mention The Homestead when writing.

#### C. H. SEIBEL'S CLOSING OUT ANGUS AND POLAND SALE.

March 7th is the date chosen by Mr. C. H. Seibel, of Paton, Iowa, for his closing out sale, which will include his complete holdings of cattle, hogs, horses, and farm equipment. For a number of years this breeder has been breeding registered Aberdeen Angus and Poland Chinas and finding it impossible to secure the necessary help to carry out his plans successfully, he has decided to place his herd at public auction, although with the expectancy that many buyers will leave the farm sale day with some snaps in the line of investments in cattle or hogs. The Angus cow offering merits the attention of all those looking for some regular profitable producers. Many will undoubtedly be sold below their value; however, Mr. Seibel is going to leave this matter solely with the auctioneers and the buyers, as there is absolutely nothing that will be held in reserve. Among the bunch of yearling bulls will certainly be some attractive ones, and there will be over a car load. Many of the cows have calves at foot, and those that are with calf are bred to King Ito out of the noted Prince Ito. The former bull is at the head of the herd and is also included in the sale offering. In referring to the swine herd we will say that there will be some first-class stuff to pass under the hammer. It will be an unexcelled opportunity for young breeders to add something good to their herds. The farm is just east of Paton four miles. Further particulars will appear next week. Come out to this sale. Send for catalog and kindly mention this paper. On page 36 appears the advertisement.

#### FORTY HIGH-CLASS, HIGHLY-BRED HEREFORDS AT AUCTION.

At Sioux City, Iowa, on Thursday, March 7th, forty high-class, highly-bred Herefords, about equally divided as to sex, will be sold in Manager McGavock's auction. Mr. G. W. Harness, of Galveston, Ind., who has had no much to do with developing cattle of the blood of the celebrated bull, Dale, as any other one man, sells on this occasion some of the best specimens of this famous family that he has ever offered. It will be remembered that the two bulls recently sold in Indiana and at Chicago for \$1,000 and \$1,010 were grandsons of the famous Dale, and that Mr. Harness offers on this occasion not only the blood of the animals that are winning the prizes, but that is commanding the highest prices in the auction rings of this country. More complete details concerning this valuable consignment of Mr. Harness' will be given later. He has included an equal number of bulls and females and is offering western breeders representative animals of his herd. A bull that should appeal to those in search of high-class herd headers is the two-year-old, Vulcan 189527, sired by Imp. Ross and out of a dam by Imp. Western Eagle, one of the best sons of the celebrated bull, Anxiety 4th. Mr. W. A. Bichel, of Glenwood, Iowa, includes some good ones sired by Hesiod Lad that was bred by Mr. Funkhouser, sired by the noted Hesiod 2d and out of a dam by Mr. Elmendorf's celebrated show bull, Earl of Shadeland 30th, the sire of St. Louis, the Armour herd bull. The catalog should be in

the hands of Hereford breeders and admirers and Manager McGavock will be glad to send it.

#### ADMINISTRATRIX SALE OF LONE RETREAT JACKS, JENNETS AND STALLIONS.

Attention is again directed to the administratrix sale of Lone Retreat's Stock Farm's jacks, jennets and stallions, to be held at the Lone Retreat Farm, near Lawson, Mo., on Friday, March 15th. This should be an event worth the time of any who are interested in the jack business, as Lone Retreat jacks and jennets are noted wherever the mule is raised. The late J. C. Ray bred jacks all his life, succeeding his father, who settled in Missouri in the early part of the last century. Mr. Ray's great success was made by his honest dealings and the guarantee that every animal that left Lone Retreat must be as represented. It was a Lone Retreat jack that sired many prize-winning mules at the St. Louis World's Fair and it was only by their performance after leaving Lone Retreat that these jacks became noted, as Mr. Ray was not a show man. Mr. C. F. Chamberlain, who has been associated in a business way with Mr. Ray for the past six or seven years, has had charge of the farm and the stock since Mr. Ray's death, and will manage the sale for Mrs. Ray, administratrix of the estate. Catalogs are being issued and will be mailed to all who write for same. See page 40 for advertisement of the sale and when writing kindly mention this paper.

#### SMUT IN OATS AND BARLEY

Is most deceiving to the farmer who undertakes to arrive at his annual loss from this disease. He is apt to figure that if 5 per cent of the heads are smut instead of good grain that his loss is 5 per cent. This is an error. The smut spore in these grains are enclosed beneath the husk or hue of the kernel. The start with the kernel when it germinates and from then until the head is formed the fight is on as to whether the head will be smut or good grain. During this period the grain is greatly stunted in growth. The smut being covered as it is, the treatment must be most thorough to eradicate it. A solution must be as strong as can be safely used and must be applied in a careful way to not endanger the germ of the grain. This, if undertaken by hand, is apt to prove disappointing. Three years ago Mr. A. V. Cleland, of Minneapolis, invented a smut machine especially for this work that has now been thoroughly tested by farmers and has proven that it is possible to control the smut in these grains. It has been found that an increase in yield results of from five to ten bushels per acre. This has been determined by leaving a portion untreated for comparison. This machine is advertised on page 32. Write them for information and see if the claims are reasonable. If an increase of five bushels per acre can be obtained, figure up what it will mean to you.

#### LAST CALL FOR THE KANSAS CITY HEREFORD SALE, FEB. 27TH-28TH.

The above sale is one that should not be overlooked, as all the cattle to be sold have been carefully selected and not a poor one will be offered. Every year at this time a big public sale of Herefords has been held in Kansas City and each year the contributors have tried to put forward better cattle than the previous year and this year they think they are putting forward the best lot ever offered. From the advertisement that appears on page 40 of this issue it will be seen that the sale is made up from a number of the leading herds in the country and as each contributor has selected some of his very best things, those who attend the sale with the expectation of seeing something really desirable, will not be disappointed. If a breeder wants just one good bull to head his herd, he can fill his wants at this sale; if the ranchman wants a car load of good, strong bulls to improve his range cattle, he can fill his wants at this sale; if the farmer or breeder wants a few head of good females to start with or to add to their herds already started, their wants can likewise be filled in this sale. Every animal is of a good age and all are thoroughly guaranteed. The sale will begin promptly at 1 o'clock on the afternoon of the 27th and at 10:30 o'clock on the forenoon of February 28th. Catalogs are now ready giving a full description of



each animal offered and if you have not already received one, Secretary C. R. Thomas, 221 West Twelfth St., Kansas City, Mo., under whose management the sale will be held, will take pleasure in sending you one. If you cannot attend the sale in person, trust your bids to one of the auctioneers, any one of whom will be glad to serve you.

LAST CALL FOR MESSRS. CHURCH'S SHORT-HORN SALE AT ROCK FALLS, ILL.

On Tuesday, February 26th, which is next week, Messrs. L. A. & H. L. Church will make a sale of Short-horn cows, heifers and bulls from their herd on Larchwood Farm, five miles south of the above place. This offering merits the attention of all those looking for some good individuals of Scotch breeding and from families that have proven profitable for the general purposes for which this breed of cattle is bred. As stated last week, the cows either have calf at foot or are bred to one of the two herd bulls, Matchless 207311 and Beaufort's Victor's Pride by Imp. Beaufort Victor 211984. One of the good cows in the sale is May Queen 6th sired by Reformer out of May Queen. She is, like her sire, a thick-fleshed, beefy cow and an easy feeder and should be worth looking after, as she is just in her prime. Several others are by this sire. Quite a number of yearling heifers are included and are sired by Matchless out of good cows of English and Scotch breeding. The male offering contains seven bulls and includes some excellent material for herd bulls. The breeding is similar to that of the heifers. Matchless, the sire of much of the offering, is also included. He has proven his value as a sure breeder and his get on sale day will be absolute assurance of his worth as a sire. Those looking for individuals of this breed of either sex will do well to secure the catalog which will be sent for the asking. Kindly mention The Homestead.

HIGH-CLASS ANGUS AUCTION AT SIOUX CITY.

It is an unusually attractive offering of Aberdeen Angus that Manager McGavock catalogs for the opening day of the Sioux City sale on March 6th. Sixteen entries are consigned from the noted herd of Messrs. Anderson & Findlay, of Lake Forest, Ill., the oldest importers and breeders of this breed in America. These are all cows and heifers and are especially attractive not only on account of their individual merit, but from the fact that they are of such famous families as the Erica, Lady Ida, Coquette, Westertown Rose and other good ones, and are sired by the great imported bulls brought over by Messrs. Anderson & Findlay a few years ago and which have done such grand service for the breed in America. Sixteen daughters of such imported bulls are attractions in any auction and a word about the breeding of these bulls is interesting at this time. Imp. Elberfeld, as well as a bred Trojan Erica as was ever brought to America, has the distinction of being out of Elba, the greatest breeding cow ever in the famous herd at Ballindaloch, and she was by Young Viscount, the greatest bull of the breed. Elberfeld was sired by the Pride bull, Prince of Insh, an almost full brother to the \$9,100 Highland Society champion, Imp. Prince Ito, both having the same sire and Prince of Insh being out of a daughter of Iliad that was from the dam of Prince Ito and representing all that is best in the celebrated herd at Ballindaloch. Imp. Pacific, another of the Anderson & Findlay sires, is an Erica-topped Pride, being sired by Egypt, a son of Equestrian and out of Pure Pride by Esquire, one of the most celebrated cows of recent years. Imp. Monitor of Glamis, a Blackbird, represents the great prize-winning blood of Glamis, the property of the famous breeder, the Earl of Strathmore; and Imp. Conqueror of Aberlour is a Coquette that stands for the excellence of the great herds of Mr. John Findlay, of Aberlour, and the Countess of Seaford, of Cullen House. There are some twenty-five cows and heifers and fifteen bulls cataloged for the auction. The catalog will prove interesting and can be had upon application to Mr. W. C. McGavock, sale manager, Springfield, Ill.

SELECT SHORT-HORNS IN THE SIOUX CITY SALE.

Sale Manager McGavock has attained an enviable reputation as manager of high-class Short-horn sales. He has sold quite a number of stock bulls to head western herds and some of the best females secured by the breeders in this country have been bought in his auctions. His Sioux City sale on March 8th is one of the most attractive that he has held anywhere. Of the twelve bulls cataloged, nearly one-half of them are Scotch. Mr. A. O. Stanley, of Sheridan, Mo., is sending quite a choice consignment. The yearling bull, Scottish Banker, of the Cruickshank Marsh Violet family, was sired by the Norton-bred bull, Rosemont, a Cruickshank Rosemary by Imp. Banker, Valley Godoy, another yearling, was got by Baron Godoy, a son of the celebrated Harris-bred bull, Godoy, and out of the Cruickshank Victoria cow, Rose Victoria by Cherub 159421. In addition to these two Scotch bulls, Mr. Stanley is sending several high-class Scotch-topped bulls. Mr. G. P. Simpson, of Blockton, Iowa, consigns the long yearling Scotch bull, Baron Bud, also by Baron Godoy, and out of Rose Leaf, a granddaughter of Imp. Daybreak 4th. This is a straight Scotch bull and an unusually good one, and breeders in search of Scotch bulls to head herds will find this sale replete with them. Mr. McGavock always makes good his claims. This is something that he is very particular to do, and he claims that he is offering in this auction four show females of one family, the best representatives of one family he has ever included in one auction. The seven-year-old cow, Louise, was got by the Prather-bred bull, Financier, by the Duthie-bred bull, Imp. Duke of Hamilton 2d. She is a show cow and two daughters and a granddaughter, all show animals, are included in the sale. The three-year-old Miss Signet, a daughter of Louise, is a beautiful red with the quality, symmetry and smoothness of her dam, and she was got by Imp. Scottish Signet, a Duthie-bred bull that sold for \$1,350 when a yearling and proved a remarkable sire. Miss Signet 2d, a daughter of Miss Signet, is a show heifer in any company, very short legged, thick and quality all over. She was got by Scotch Hero, a Harding-bred bull by Iowa Champion, out of Cecelia 12th by Imp. British Statesman.

A last June heifer calf from the seven-year-old cow, Louise, is also cataloged. She is called Concord Missie and was got by Concord, a son of Scotch Hero. Messrs. J. L. Smith & Son, of Minier, Ill., consign this grand quartet, along with eight other cows and heifers of superb quality. Mr. McGavock will take pleasure in mailing catalog. See advertisement on page 37.

LAST CALL FOR THE JAMES BIG POLAND CHINA SALE.

On Saturday, February 23, 1907, Mr. J. A. James and his big Poland China brood sows will attract breeders from far and near. Pawnee Lad and his get will be the center of attraction, as will also some big Big Prospect gilts, and some grand, good brood sows that he is selling on this occasion. A word about Pawnee Lad to those who are not personally acquainted with him. He is a son of Klever's Best 25447 and is out of Big Mariah, and he is as good a boar as Mr. John Blain ever bred. He has done a great service in the James herd and there is not a Poland China breeder in southern Iowa, and especially those who are looking for the great, big kind, that have not been impressed with Pawnee Lad and his get. One of his great brood sows goes into the sale bred to Pawnee Lad. She is Rose Perfection by Proud Monarch and out of Rose Allerton by Allerton Tecumseh, a boar that weighed 1,000 pounds. This sow is a tried brood sow and is strictly all right. Mr. James also sells two spring yearlings and two fall yearlings by Pawnee Lad and out of his famous old brood sow, Anna Price II. No man can go wrong on any of these. He sells a great many Big Prospect gilts out of Pawnee Lad sows. It is an offering of the big kind, with great, big bone and lots of stretch. If any of our readers want this kind they should attend this sale.

NOLAND HAS TEXAS LANDS.

While many other real estate men have been selling Texas Panhandle lands, Mr. S. K. Noland, Watrous Block, Des Moines, Iowa, has been quiet. He declared that he would not sell Texas lands until he was able to put on the market the very best lands at the very best prices. This, he says, he is now in a position to do. He has hargains in about twenty-five different pieces, of which he will be glad to give you a detailed description if you simply drop him a card. His lands are accessible to good market centers, such as Houston and Galveston, and are surrounded by railroads. Then, too, an important point in their favor is that they require no irrigation. One can obtain a constant flow of water at a depth of from fifteen to fifty feet. Following is a letter from a man who lives forty miles from the land in the Brazos Valley: "Chapell Hill, Texas, Nov. 20, 1906. Answering your inquiry, beg to say I have on several occasions in the past twenty years gathered as much as two bales of cotton per acre off my plantation in the Brazos Valley. I have gathered as much as ninety-three bushels of corn, but sixty bushels is about an average crop of corn. If we don't get sixty bushels we call it a small crop. I have fifty acres in alfalfa and cut it from six to eight times a year and get one and one-half to two tons per acre at a cutting. I have never sold a ton for less than \$15. Sugar cane makes well, but I have a small mill and lose 25 per cent of the juice and get 400 gallons per acre. The valley of the Brazos is the richest in the world. Off 1,200 acres in cotton this year I have gathered and ginned 1,628 bales and have about thirty or forty hales to pick yet. My rents this year will amount to more than \$15 per acre. I never rent for money, but for one-fourth cotton and one-third corn. My plantation can be seen at any time and will bear out my statements. Yours truly, John Carlisle." Mr. Noland's advertisement appears on page 27 of this issue.

LAST CALL FOR PODENDORF'S SUNSHINE SALE.

On Saturday, February 23d, Mr. A. J. Podendorf will sell about thirty-seven head of Poland China sows and fall pigs at Logan, Iowa, and it is an offering that our best breeders can afford to buy. A large part of it is sired by his celebrated boar, Iowa Sunshine, or will be bred to him. This old hog has been the sire of all the Podendorf show stuff and he has won many a hard-fought battle with the get of this old boar. A number of the sows will be bred to Western E. L. 43250, a son of Perfection E. L. and out of a G's Perfection dam. Among the matured sows to be sold are Lora Pet, a daughter of Black Chief, bred to Iowa Sunshine. She has been a producer of some of Mr. Podendorf's show winners and also some of the highest-priced sale stuff. U. S. Lady is a four-year-old sow and her daughter by Iowa Sunshine won second prize at the Iowa State Fair in 1905. She is bred to the same boar for March 2d farrow. He sells Proud Lady, a daughter of Proud Perfection, bred to Iowa Sunshine for early March farrow. Tecumseh Belle 2d is one of his great producing sows that is the dam of a lot of his high-priced stuff. While not a great individual, she certainly has been a great brood sow, and bred to Iowa Sunshine she is certainly worth buying. The Podendorf offering is full of quality and much promise, and a sow bred as these are will do any breeder a lot of good. He is putting in a good bunch of fall pigs. No. 30 is a great prospect for a show boar and we will simply say to Poland China breeders that they will miss a good thing if they do not buy this pig. There is a good gift in this same bunch. Remember the date, February 23d and be sure to attend the sale.

A COMING SALE OF SHORT-HORNS AND POLAND CHINAS.

One of the pure-bred stock sales that should be of special interest to stockmen is that to be held by Messrs. W. & G. A. Schneider, of Dana and Grand Junction, Iowa, respectively. The sale will take place March 6, 1907, at the farm of the latter named breeder, which is located two miles east and one mile north of Grand Junction. These two brothers have made a splendid success of their breeding work during the ten years they have been in the business. By careful selections from some of the best Iowa herds, some very excellent individuals have been added to the two herds, and the effect of this purchase of good blood has been marked. Buyers will find all of the stock in nice thrifty condition and we

TOO LATE TO CLASSIFY.

Two Good Percheron Colts For Sale

I AM now offering for sale two extra good two-year-old Percheron stallions, one sired by Blande 35257 and the other by Beringer 48918-3556. These colts are the makings of big horses with clean limbs and drafty make-up. One of them, a son of Blande, is a half brother to the former international champion Olbert, now owned by Mr. McMillan of Rock Rapids, Iowa. These colts will stand inspection and they will be priced right. Will F. Hooker, Northboro, Iowa.

Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.

DeClow's Got 'em

The Largest and Best JACKS IN THE WORLD

And the largest number to select from and at the lowest prices.

Please write for photographs of stock.

CEDAR RAPIDS JACK FARM,

Cedar Rapids, Iowa



THE above is a picture of a stallion I owned that had but few equals in show rings, under saddle and in harness. Have ten stallions and mares for sale, of like style and breeding, all blacks. I breed mammoth jacks and jennets. I owned King Mammoth, the sire of Callaway Queen, largest male in U.S. Wt. 2,200 lbs. Dr. W. E. Chestnam, Orrick, Mo.

Percherons and Belgians

I Have the Largest and Best IMPORTED Percheron and Belgian Stallions In America.



Prices, \$1,000 to \$1,400; mostly \$1,000 to \$1,200 each. New importation of German Conchers will arrive Mar. 12, 1907, \$1,000 each. Write for photo of fifty head. Address:

CEDAR RAPIDS JACK FARM,

Cedar Rapids, Iowa

Please write for photographs of stock.

25 BRED Poland China sows, will farrow in Mar. to May, sired by Corrector, Hustle On, L's Tec. 2d and others; safe in Hustle On, Perfect Spellbinder, Corrector, Know Jr.; weigh from 225 to 450 lbs. S. M. cows, heifers and bulls; 50 R.C.B. Leghorn chicks. Fred Eberdorf, Strawberry Pt., Ia.

WANTED.

TEN to forty head of Short-horns or Aberdeens Angus. Will pay from \$75 to \$125 per head and put in 80 to 240 acres of good Iowa land at right price. Address owner, BOX 21, Orheyedann, Iowa

10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Alox and Redwood Chief. AUSTIN RENSILAW, Blair, Neb.

\$35 BRED SOWS \$35

I have a few very good Duroc sows bred to Top Notcher Chief, Fancy Orion Chief and Helen's Top Notcher II, which I will sell at \$35 each. Order at once. H. B. GRIFFITHS, Bowen, Ia.

Iowa Herd Chester White Swine

GOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best. GEO. H. LAWESHE, R. R. No. 3, Harlan, Iowa

20 Duroc Jersey Gilts

AND 6 yearling sows, bred, all choice ones. Write, S. M. Dwyer & Son, Mason City, Iowa.

HERE'S THE BEST SNAP YET.

SHORT-HORN bulls 9 months old for \$50.00; will put them up against any. Geo. Nutch, Elroy, Wis.

FOR SALE.

20 HEAD of pure bred Duroc Jersey gilts, bred for April farrow to a son of Crimson Wonder Agaln. Sherman Edwards, Bondurant, Iowa.

CYCLONE Herd Duroc Jerseys. Gilts for sale, bred to a Crimson Wonder. Good size, color, length and bone, \$20 to \$30. F. M. Jenkins, Pomeroy, Ia.

FOR sale, 4-year-old registered Shire stallion, right in every way, good bone, weight between 19 and 20 hundred. W. S. Spear, Stanwood, Iowa.

The Puckett & Grinnell Duroc Sale.

The last day of the noted Ohio Duroc Circuit was devoted to the sale of Messrs. Puckett & Grinnell, of Yellow Springs, Ohio. Those present were well pleased with the offering. Owing to the fact that these gentlemen did not decide until late to make a good brood sow sale, they had disposed of many of their early pigs and were compelled to include a number of pigs of late farrow which they had concluded to keep in their own herds. The top sow of the sale went to Whitehall Farm at \$178. Mr. S. E. Morton secured a very good yearling sow in Veribest's Model at \$150. Colonels Vinnege, Iglehart and Eisenhower conducted the selling in a highly satisfactory manner. List of sales follows:

Lot.	Price.
M. R. GRINNELL'S CONSIGNMENT.	
1 Fred Bauer & Son	\$48.00
2 Ira Jackson	48.00
3 J. S. Fry, Xenia, Ohio	33.00
4 Jas. H. Moore, Waverly, Ohio	29.00
5 W. H. Snyder, Springfield, Ohio	29.00
12 Whitehall Farm, Springfield, O.	29.00
13 S. E. Morton	150.00
14 C. V. Harness, Waynesville, O.	52.00
15 G. C. Holloway, Nicholasville, Ky.	35.00
16 R. W. Hutchison, Xenia, Ohio	29.00
22 Whitehall Farm	178.00
23 G. C. Holloway	34.00
24 Jas. H. Moore	34.00
25 W. H. Snyder	29.00
26 C. J. McLaughlin, Pleasantville, Ohio	35.00
33 J. Chilton, Campbellsburg, Ky.	100.00
34 Bronnery Bros., Anderson, Ind.	49.00
35 Clarence Schleintz, Yellow Springs, Ohio	38.00
36 W. H. Snyder	36.00
39 G. H. Fogg	49.00
40 Jas. H. Moore	32.00
41 Wm. Layton, Springfield, Ohio	42.00
42 G. A. Confer, Yellow Springs, Ohio	27.00
45 Same	50.00
46 C. E. Speaks	42.50

SUMMARY.

25 head	\$1,278.50; average, \$51.10
S. S. PUCKETT'S CONSIGNMENT.	
6 S. E. Morton	60.00
7 J. S. Fry	38.00
8 Fred Bauer & Son	50.00
9 Watt & Foust	41.00
10 I. C. Rutledge, Mulberry, Tenn.	50.00
11 R. C. Watt, Cedarville, Ohio	27.00
17 J. H. Vance, Lynchburg, Ohio	50.00
18 Same	50.00
19 Wm. Eidemiller, Tippecanoe City, Ohio	61.00
20 D. H. Olds, Springfield, Ohio	37.00
21 Same	60.00
29 J. H. Vance	46.00
30 J. P. Fundberg, Yellow Springs, Ohio	40.00
31 Ira Jackson	40.00
32 S. E. Morton	50.00

37 John F. Crum, Sellersburg, Ind., 46.00

38 J. P. Fundberg 36.00

SUMMARY.

17 head \$780; average, \$45.83

J. J. ZIMMERMAN'S CONSIGNMENT.

27 A. E. Foster, New Salem, Ohio, 39.00

23 W. H. Robbins, Springfield, O., 39.00

SUMMARY.

2 head \$78.00; average, \$39.00

S. E. MORTON'S CONSIGNMENT.

43 J. E. Bailey, Yellow Springs, O., 40.00

44 H. C. Thomson & Son, Fremont, Ohio, 30.00

SUMMARY.

2 head \$70.00; average, \$35.00

GENERAL AVERAGE.

46 head \$2,206.50; average, \$47.56



# C. R. STEELE'S Great Two-Day Short-horn Sale

112

40 HEAD STRAIGHT SCOTCH CATTLE---90 COWS AND HEIFERS AND 25 BULLS

IRETON, IA., TUESDAY &amp; WEDNESDAY, MARCH 12-13, 1907

112

Never before has such an offering of Scotch and Scotch-topped cattle been offered in the Northwest. The Scotch families in the sale are Victoria, Duchess of Gloster, Orange Blossom, Mysie, Dorothy, Lavender, Nonpareil, Airy Buckingham, Miss Ramsden, Matchless, Louisa, Butterfly, Mary Ann of Lancaster, and other families. There will be three imported cows in the sale, two with calf at foot, by Ceremonious Archer, the other by Lord Banff 3d. There will be eight Scotch bulls in the sale. There will also be a lot of Scotch-topped cattle in the sale. In fact I am offering cattle for both the farmer and the breeder. They will be bred to Lord Banff 3d, Ceremonious Archer and Imp. Sittyton Fame. Write me at once for catalog. Address.

COLS. BELLOWS AND JONES, AUCTIONEERS.

Kindly Mention Iowa Homestead When Writing.

C. R. STEELE, IRETON, IOWA.

## The Logan Valley Duroc Jersey Sale Circuit.

One of the last Duroc Jersey sale circuits that will be held in the state of Nebraska this year will be the Logan Valley sale circuit, beginning with that of Mr. George Blessing, of Homer, Neb., on February 26th, and ending with that of Mr. W. A. Peterson, of Lyons, Neb., on March 2d. Those who have not already secured sows had better arrange for this week of sales, because there will be sows offered here that are as good as have been sold this year.

GEO. C. BLESSING.

On February 26th, at Homer, Neb., Mr. Blessing will offer forty head, and twenty of these will be sired by that noted boar, Reed's Banker, a full brother to the great Proud Advance. In some of the best herds in this country you will find Reed's Banker sows and you will find they have made great brood sows. The most of these are bred to the present herd boar, Mo. Gold Finch, a first-prize boar at both the Missouri State Fair and also at the American Royal. This boar comes from a line of prize-winning ancestry, both on sire and dam side. He is a hog of medium size, with heavy bone, stands on the best of feet, with a good back, a good under line, low and full in the hams and a good breeder. About twenty-five sows in the sale are bred to him. His dam, Mary Windsor, was a prize winner and her sire is Oom Paul 2d. We predict a splendid outcome for these Reed's Banker sows bred to this great prize-winning boar. Quite a few sows in the sale are sired by Mammoth John, a son of Long John. One of the very best of these is out of a sow called Princess by Gold Dust Jim, the old sweepstakes boar. No man will go wrong who buys this sow at any price. Lady Banker 1st and Lady Banker 2d are two others of the "peaches and cream" kind and they are both bred to Mo. Gold Finch. Mr. Blessing also sells a daughter of old Peerless and an extra good daughter of Carroll Boy. To top it off he sells a daughter of Proud Advance bred to Mo. Gold Finch, and here is a line of breeding that combines the blood of Oom Paul, Gold Finch, Advance and old Orion. She has a right to bring a good price, and if the breeders present to do the right thing she certainly will. A number of the sows in the sale will be bred to Duroc Banker, a son of Reed's Banker. Write for Mr. Blessing's catalog and go to the sale.

JOHN H. TRYON &amp; SONS.

The second day of this circuit—February 27th—Messrs. John H. Tryon & Sons will sell thirty head, and such an offering! It has not been duplicated in Nebraska this year. Twenty of these sows are bred to Junior Jim, the \$5,000 boar, and the hog that Ruberta was bred to when she sold for \$1,500. Five of the sows to be sold are daughters of old Orion. One of these, Manley's Profit, is one of the greatest sows ever sired by that old king of kings. This sow is good all over, and such a pair of hams! She is bred to Junior Jim and she will be one of the great bargains of the year. They will also sell three daughters of the immortal Proud Advance, all bred to Jim, and they are all good. They will also sell some good daughters of Carroll Boy and old Dandelion, others by Trone's Oom Paul, Young John, Profit Advance and a few by John L., a son of Long John. Breeders will find the Tryon offering one of the greatest of the year. There are sows in this sale that are fit to go anywhere. The sows that go into this sale are bred to Junior Jim, West's Compromise, Robt. Orion and Oom Paul Jr. Write for catalog and if you cannot get there send your bid to Mr. M. T. White, in care of the above firm.

W. H. STONE, FEBRUARY 28TH.

The third day's sale will be that of Mr. W. J. Stone, at Lyons, Neb. Mr. Stone has been a good buyer from the Manley and other herds and has laid a good foundation, and he is now offering a good bunch of sows for sale. There will be ten aged sows in his offering and thirty gilts. One of his best matured sows is Adelaide 2d by Onlmade by Red Chief, dam Adelaide by Royal Red by old Jumbo Red. She is a splendid individual, is quite large and very smooth and is bred to a son of Top Pride. A sow that will appeal to breeders on that day is Proud Addy by Proud Advance. This sow is the one that topped the Edmonds, Shade & Co.

sale last year and her dam is the great sweepstakes winner, Royal Blossom 5th, that sold for \$600 recently in the Shade sale. She is bred to Orion's Redeemer and should be the top sow in the sale. He also sells two of her gilts in the sale. The gilts will be sired by Barton 40397, a son of Belle's Chief and Davy 40599, a son of Agitator by Proud Advance. They will be bred to Royal Prince, a son of Top Pride and out of Proud Addie, and also to a son of Orion. Mr. Stone puts up a nice, useful offering and there will be some bargains in his sale. Write for his catalog at once and be sure you are with him on sale day.

E. F. LA RUE, MARCH 1ST.

Few offering this year have been able to show a better lot of sows than Mr. E. F. La Rue will show the boys in his sale at the town of Lyons, Neb., on March 1st. He is selling a number of matured and yearling sows in this sale that are hard to beat, and the breeder who does not attend his sale is going to miss one of the good offerings of the season. The most of these matured sows are sired by Col. Roberts, a son of the great Owen and Glendale Chief. Another good sow is a daughter of the old sweepstakes winner, Gold Dust Jim, and she is bred to Radiator, the boar that Messrs. Manley & Co. formerly had in their herd and the boar that was used at the head of the state farm at Lincoln. The gilts are mostly sired by Monarch L. by Red Chief W. C., and also by Alix. They are bred to Radiator and to Prince Regent. There will be a couple of extra good gilts in the sale by Alix and out of the Gold Dust Jim sow. There will be four granddaughters of Jumbo Red to go in, and the whole offering is first class in every particular. Mr. La Rue is a good care taker and he will surprise the boys with what he will sell on this occasion. Be sure to attend his sale if you can.

W. A. PETERSON, MARCH 2D.

The last day of this circuit will see the boys at the home of Mr. W. A. Peterson, of Lyons, Neb. Mr. Peterson sells on the last day, but the boys should stay with him, because he is selling a splendid lot of sows and he is one of the most popular young breeders in the state. He is only selling thirty-five head. Ten of these are yearlings and aged sows. These will be sired by the well-known boar, Dandelion, Long Arion and Acme. The gilts are sired by Dandelion and Dandy Orion. They will be bred to Jumbo John 53403 and a son of Top Pride, dam Proud Addy out of the great sweepstakes sow, Royal Blossom 5th. Two of his yearling daughters out of the granddaughter of Jumbo Red are the attractions of the sale. They are both good sows of the Dandelion type, being heavy quartered, thick, close to the ground and are bred to Jumbo John, a son of Young John, whose dam is by Jumbo Red. Either of these is very good. Another daughter of Dandelion whose dam is by Long Orion is a good smooth sow, not overly large, but a very neat one. She is also bred to Jumbo John for an early litter. Two spring gilts sired by Dandelion, dam by Acme, are red ones with nice length and good finish and are the making of desirable matrons. They also are bred to Jumbo John. Place one of these in your herd and you will own some of the same blood that produced Proud Lady, the \$1,275 gilt. There is also another Dandelion gilt in the sale whose dam carries the blood of Surprise. This is the best gilt in the sale. Has good color, nice size, good width, broad head and the making of something above the ordinary. She is bred to Logan Pride, a son of Proud Addie and Top Pride. Every breeder on the circuit should stay for the Peterson sale. He will appreciate the favor and will not forget to return the compliment.

## The Last Call for Wheeler's Mastodon Poland China Sale.

Those looking for big Poland Chinas should not miss Mr. W. W. Wheeler's brood sow sale at Harlan, Iowa, next Wednesday, February 27th. Mr. Wheeler's chief stock boar is not only a large hog, but he is a big, smooth, mellow fellow. The gilts are on the same order, big, smooth and mellow, with strong arch backs, and they have the size and length that insures their making prolific brood sows of the profitable sort. Mr. Wheeler has turned down flattering offers for sows at private sale in order that he might make this a sale of tops. Our read-

EVERYTHING GOES . . . CLOSING OUT SALE

## Angus and Polands

To be held at Farm near Paton, Iowa, March 7, 1907.

Seventy head Angus males and females representing leading families. Many valuable producing cows, some with calves at foot by King Ito by Prince Ito. Also the herd bull and a number of yearlings of good merit. The complete herd of forty breeding Poland Chinas, principally of Perfection breeding. Here will be some snaps, as they go without reserve. Send for catalog and plan to spend the day with us.

COL. C. E. LUTHER, AUCT.

C. H. SEIBEL, PROP.

## Grand Public Sale of Poland China Brood Sows

On February 26, 1907, at the Fair Grounds

At MARSHALLTOWN, IOWA,

I WILL SELL

**30 HEAD** Of the best Poland Chinas ever offered in Marshall County, 22 head of March and April gilts, weighing nearly 300 lbs. each.

THE remainder aged sows, sired by Perfection Star, Nemo Boy, Long Price, Ohio Perfection 2d and Lookout Tecumseh. They are bred to Keep On Perfection 2d 115921 and Good Shine 117265. Write for catalog which is now ready.

**J. C. BAILEY, Proprietor, - MARSHALLTOWN, IA.**  
Cols. Menzie, White and Esslinger, Auctioneers.

## JAS. E. WALKER'S

## ..Annual Bred Sow Sale..

AT ATLANTIC, IOWA, TUESDAY, FEBRUARY 26, 1907.

THIRTY HEAD of yearling fall and spring gilts, some of which were in my prize winning herd last fall. Two three-year-old daughters of Vale's Perfection. Nine yearling daughters of Perfect Chief 2d, a Francis-bred boar. 6 fall gilts, daughters of Perfect Chief 2d, a Francis-bred boar. 12 spring gilts, daughters of Corrected, by Corrector 2d. 1 fall gilt, Silver Lining, bred by John Francis & Sons. She was a member of their under a year show herd at Des Moines, Iowa, 1906. These sows will be bred to Timekeeper, a son of Keep On, bred by E. L. Jolson and to Corrected. Sale under cover and a square deal. Send for catalog.

JAMES E. WALKER,

ANITA, IOWA

Cols. Geo. P. Bellows, Todhunter and Goodspeed, Auctioneers.

ers looking for the good ones with extra size and bone should appreciate this fact by patronizing the sale. Mr. Wheeler is breeding the big kind because he has found this is the kind most in demand and the most profitable kind for both the breeder and farmer to raise. The farmer sells his hogs by the pound and he wants the kind that makes the most pounds in the shortest time. Mr. Wheeler is selling the big kind backed up by breeding that produces that kind. Write for his catalog, read his unique announcement, foot notes, etc., and arrange to be at the sale. Write for his catalog and mention The Homestead.

## The Wm. W. McClelland Duroc Sale.

Mr. Wm. W. McClelland, of Clarinda, Iowa, will hold a Duroc bred sow sale on February 26th. The offering includes Lady Crimson 51814, a 600-pound sow which at this weight moves around like a gilt. She is bred to Pratt's Improver, a son of Improver 77. This sow is enough in herself to attract many a buyer to Mr. McClelland's sale. There will be three litter sisters to Pratt's Improver offered and these are bred

to Iowa Standard, a pig that has been selected by competent judges as an extra good one. Four of the gilts are sired by Proud Perfection by Proud Advance and three by Iowa Banker Again. There will be a pair of fall yearlings by Paddy Orion out of Crimson 2d, one of the best sows ever owned by Mr. McClelland. One of these yearlings is bred to Iowa Standard and the other to Gold King. There will also be a Glendale Critic sow in the offering. The offering throughout includes forty head, there being six tried sows, three fall yearlings and the balance spring gilts. There will be offered an extra good young male farrowed last August. Of the many good things in this sale we desire again to refer to Lady Crimson. Mr. McClelland says it is like pulling teeth to part with her, and he is particularly anxious that she be taken to a good herd so that her kind will be preserved for the benefit of the breed through years to come. The sale date is just at hand, February 26th. Catalogs are ready and will be sent upon application, but in case there is not time to send, no man who is looking for something good will make a mistake if he plans to attend this sale. See advertisement on page 32.



## ONE HUNDRED AND TWENTY HIGH CLASS

## Aberdeen Angus, Herefords, Short-horns

..... AT AUCTION AT SALE PAVILION, STOCK YARDS, SIOUX CITY, IOWA, MARCH 6, 7 AND 8, 1907 .....

Comprising the Greatest Auction of Breeding Cattle of the Beef Breeds to be held in the Northwest this Season.

Forty Aberdeen Angus are cataloged for Wednesday, March 6th, from the well-known herds of Anderson & Findlay, Lake Forest, Ill.; J. V. Arney, Leon, Iowa, and L. H. Lamar, Storm Lake, Iowa. The sixteen cows and heifers consigned by Anderson & Findlay are sired by the imported bulls, Elberfeld, Conqueror of Aberlour, Monitor of Glamis and Pacific, and are from dams of the Erica, Coquette, Lady Ida, Westertown Rose and Garline Beauty families. Other consignments include representatives of the Blackbird, Queen Mother, Pride and other noted strains. It is a choice offering, grandly bred and a full attendance of the friends of the breed is asked.

Forty Herefords will be auctioned on Thursday, March 7th. They are consigned by G. W. Harness, Galveston, Ind.; H. J. Stinger, Allen, Neb.; W. A. Bichel, Glenwood, Iowa; C. W. Morse, Sioux City, Iowa; Jesse Engle, Sheridan, Mo., and J. N. Neal, Jr., Lamberton, Minn. The fifteen entries consigned by Mr. Harness are strong in the blood of the famous champion and sire of champions, Dale, the grandsire of the only two bulls to sell for as much as \$1,000 at public auction within the last few months. All of the strains that have contributed to the greatness of the breed are represented and the best of individual merit is maintained throughout.

Forty superb Scotch and Scotch-topped Short-horns will be sold on Friday, March 8th. They are consigned by A. O. Stanley, Sheridan, Mo.; J. L. Smith & Son, Minier, Ill.; Louis Clouse, Galva, Iowa; G. P. Simpson, Blockton, Iowa, and J. N. Neal, Jr., Lamberton, Minn. The twelve bulls include the Scotch herd headers, Valley Godoy 275195, a Cruickshank Victoria; Scottish Banker 275194, a Marsh Violet; Lancaster Lad 262183, a Cruickshank youngster of great merit, and other good ones suitable for breeders or farmers' use. The females include the show heifer, Miss Signet 2d, a daughter of the Harding-bred Scotch Hero; and her dam and grandam and also a daughter of the latter cow. The quartet comprises the greatest family of show cattle that I have ever offered at auction and there are many other show and breeding females cataloged that will well repay the attendance of Short-horn breeders and farmers.

SEPARATE CATALOGS OF EACH BREED WILL BE MAILED ON APPLICATION TO

W. C. McGAVER, SALE MGR., SPRINGFIELD, ILL.

Col. Geo. P. Bellows and Assistants, Auctioneers.

### Last Call for the Central Iowa Duroc Jersey Sale Circuit.

The last of the important Duroc Jersey sale circuits to be held in Iowa is the Central Iowa Circuit, which begins with Messrs. W. A. Staples & Sons, at Glidden, Iowa, on February 25th and ends with Mr. J. W. Pittman, at Lohrville, Iowa, on February 27th. Every one of these sales will have some of the best to offer, and there will be daughters of Orion, Junior Jim, Ohio Chief, Glendale Critic, Proud Advance Again, and other great sires. It will be one of the last opportunities of the season to attend one of the most important circuit sales, and there will be some splendid sows in these three sales.

W. A. STAPLES, FEBRUARY 25TH.

The opening sale of the Central Iowa Circuit will be that of Messrs. W. A. Staples & Sons, at Glidden, Iowa, on February 25th, when they will sell fifty head, the tops of their herd. Their offering is a good one and deserves to be well patronized by both breeders and farmers. Among the many good things that they will sell is their noted brood sow, Willmette, a daughter of old Indicator and of Nancy 4th. Here is one of the best sows they have ever owned, and they are putting her in the sale simply as an attraction. As a brood sow she farrowed twenty-eight pigs last year. She has great length of body, with good depth and deep ham, and is one of the best brood sows that will be sold in Iowa this year. Proud Nancy, a March 14th gilt out of Willmette also goes into the sale. She is sired by O Pig, a son of Orion, and she is bred to Proud Advance Again. There will also be two litter sisters to Proud Nancy in the sale. Messrs. Staples also sell a daughter of their noted show and brood sow, Nancy VII. In this offering, she is sired by Orion and is bred to Proud Advan. Again, a comingling of blood that should produce something good. They sold two litter brothers to her last fall for \$232.50 and \$140. About ten sows in the sale are bred to Clear the Way, a litter brother to this sow. They also sell a good sow in Beatrice, a yearling daughter of Orion out of the great Kruger's Maid, and she is bred to Proud Advance Again. There will be two Orion gilts in the sale and a granddaughter of Kan't Be Beat in the sale. They also sell two Junior Jim gilts and one by the great Ohio Chief, two by Critic's Echo, a prize winner himself, and a son of a noted prize winner, Glendale Critic. Their offering is a good one and it is to be hoped that the breeders will all turn out and give this firm a lift. No breeder in Iowa has been a better pusher than Mr. Staples, and we hope the boys will not forget him on sale day.

W. D. PITTMAN, FEBRUARY 26TH.

At Lake City, Iowa, on February 25th, Mr. W. D. Pittman will sell thirty-five head, and a perusal of his catalog will show that no breeder has put up a better lot of sows. He will sell nine granddaughters of the great Nebraska Belle in this sale, three very choice gilts by Ohio Chief, and a great many granddaughters of old Orion. There will also be some choice gilts in the sale by Orion, Goldie's O., Top Notcher, King James and Orion II. They will be bred to Pittman's Ohio Chief, a son of the great boar, Ohio Chief, and Clear the Way, one of the best sons of old Orion out of the great brood sow, Willmette. He also puts a daughter of the great Tientsin in the sale. She is a half sister to the great sow, Ruberta, that recently sold for \$1,500 in the Garrett sale. He is offering several granddaughters of Proud Advance in the sale and a few daughters of Zoo V. Orion. We want to say this to Homestead readers, that we have known Mr. Pittman for a number of years past and have never seen him buy a poor sow nor a poor boar. He was always after the tops and it was the tops he purchased. He now comes forward with the tops from his herd, and not only offers a line of blood that any breeder can use, but is offering a class of sows that are right up to the mark in individual merit. He deserves a good sale because he is offering a good, well-bred, and high-class lot

of sows. He will also offer twenty high-grade Shire horses and mares and a couple of good driving teams on day of sale. The mares will all be bred to one of his splendid Shire stallions, one of which is an imported horse, and a leading prize winner in the old country. Write him for a catalog and be sure that you go to his sale.

J. W. PITTMAN, FEBRUARY 27TH.

The last sale of this circuit will be that of Mr. J. W. Pittman, at Lake City, Iowa, on February 27th. Breeders should secure one of his catalogs at once and see what he is selling. He is offering three splendid daughters of old Orion, three by Proud Advance, two by Crimson Wonder I Am, one by American Royal, one by Tientsin, the sire of the great \$1,500 sow, Ruberta, several by Young John, Peerless Orion, West Side and Young Advance. No. 1 is a daughter of Orion out of Nebraska Queen by Red Chief. This sow is a splendid mother and a good sow all round. She has a nice, arched back, a good bone and stands on good feet, and is bred to Young Advance. Another good Orion sow is out of a Dandelion sow and she is also bred to Young Advance. Two good Crimson Wonder I Am sows go in, bred to Orion Jr. These two sows topped the Frank Clouse sale as gilts, and have since developed into good sows. Their dam, Crimson Lady is by Duke of Ohio by Kan't Be Beat. Another one of his best sows to be sold in this sale is Violet F. II. by American Royal. Here is where you get show blood. Her sire, American Royal, was the undefeated sweepstakes boar, and her dam, Violet F., is out of a litter sister to the dam of Royal Blossom V., the sweepstakes Iowa and Minnesota State Fair sow. Here is a good proposition for any breeder. Tolstoy Beauty is a daughter of the great Tientsin out of Hazel VI. by Fairview Chief, and she is bred to Orion Jr. Mr. Pittman also sells the sweepstakes sow at the Manson Fair and she is bred to Young Advance. Anna Tolstoy is a half sister to the great Crimson Wonder, and she is bred to Orion Jr. There are two good Young John sows in the sale out of Zoo V. Orion, and they are both bred to Young Advance. He also puts three good Proud Advance gilts in the sale, and these are all out of a Matchless Chief dam. Two of these are bred to Orion Jr. and one to W. D.'s Ohio Chief by Ohio Chief. He sells a richly-bred offering and one that will appeal to our very best breeders. He will also sell four Aberdeen Angus bulls in the sale. One of these is a Queen Mother. The dam of this young bull is Queen of Blackwood by Heather Jim by the Immortal Jim Jams. He will make a splendid herd bull when matured. The other three are Easter Tulloch Duchess bulls. Their sire is Pallas 66948, an Erica-topped Pride bull, and everyone of these will develop into good bulls. Send for his catalog and if you want sows or bulls, be sure to arrange to be with him on sale day.

CUSTER'S BROOD SOW SALE.

On February 28th, Mr. George W. Custer will make his annual Duroc Jersey brood sow sale at Merville, Iowa. He is selling forty head of yearling and matured sows and spring gilts, and they are of the big-boned, long-bodied kind of sows, with good backs and feet. A great many of these are sired by Jumbo Giant, a son of the great Jumbo Red. There will also be daughters of Royal Triumph, Phil Clark 2d, Iowa Model and King James. A representative of The Homestead has looked over the Custer offering and desires to say to our readers that it will be a good place to buy sows. Mr. Custer has paid considerable attention to size of bone, good feet and backs, and he is putting that kind of sows in this sale. Write him at once for catalog and then go to his sale.

CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los

## THIRTIETH

## Semi-Annual Sale

..... JACKS AND JENNETS .....

At Limestone Valley Farm, Smithton, Mo., Tuesday, March 5, 1907, At 10 a. m.

60 40 BIG REGISTERED JACKS 40  
20 REGISTERED JENNETS, SOME WITH JACK COLTS AT SIDE 20 60

This is the greatest offering in point of quality that we have ever made. It is even superior to our World's Fair premium sale. Sale will be held under cover. Free conveyance from Beaman and Smithton. Farm is six miles east of Sedalia. If possible come day before sale as we desire to have you examine this offering carefully. All entertainment at our expense. Railways, Missouri Pacific, main line, and M. K. & T. main line. Send for catalog.



L. M. MONSEES & SONS, - - SMITHTON, MO.  
HARRIMAN, SPARKS, HIERONYMOUS BROS., BURGER AND HARKLESS, AUCTIONEERS.

## 45 - Head of Durocs - 45

AT AUCTION

Monday, Feb. 25th, at Pawnee, Ill.

the property of Ed. A. Baxter.

Owing to the fact that I am closing out my entire herd of Duroc Jerseys, I will offer for sale at public auction about forty-five head of spring and fall pigs. Some of the spring gilts are daughters of Buddy K. IV., but were bred too late for my former sale. An unexcelled opportunity to get breeding stock at your own figures. I extend an invitation to all to be my guests on February 25th.

ED A. BAXTER, : : Pawnee, Ill.

Send bids to Mr. D. M. Pierce, Homestead representative.

### FINLEY'S JACK SALE AT MARSHALL, MISSOURI

Sat., March 2d, '07 40 Head High-Class Jacks, Jennets and Stallions 40

20 REGISTERED blk mammoth Jacks, 15 to 16 hands high, 10 regist'd Jennets, extra fine, several with Jack colts at side, others bred to good Jack. Ten stallions (3 standard and registered trotting-bred, 4 to 7 years old), 1 registered Coach stallion, 1 registered Shire stallion, 1 registered Percheron stallion, 5 grade Percheron stallions from 2 to 6 years old. Sale will be at Finley's home in North Marshall. Sale will begin at 12:30. Sale will be held under cover. No postponement. Nothing for sale privately after cataloged. Auctioneers: Sparks, Harriman, Snyder, Hieronymous, Ross, Hudson, Logsdon, Irvine. Write for catalog. Terms—Cash.

W. J. FINLEY, MARSHALL, MISSOURI

Angeles and San Francisco are run via Kansas City and the popular Santa Fe System.

Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



# IF YOU WANT THE BEST BRED SOWS OF THE BREED, THEN WAIT FOR THE ... LOGAN VALLEY DUROC JERSEY SALE CIRCUIT ...

Daughters of the world's most famous sires in the sale, such as Proud Advance, Orion, Dandelion, Reed's Banker, Glendale Chief, Col. Roberts, Long John, Trone's Oom Paul, Belle's Chief and others.

## Feb. 26th--Homer, Neb.--From The Herd of George C. Blessing 40 HEAD--MOSTLY FALL AND SPRING YEARLINGS AND AGED SOWS

Twenty head of these are daughters of the noted boar, REED'S BANKER, a full brother to Proud Advance. Others are sired by Mammoth John, a son of old Long John, and other good boars. The most of these are bred to the famous sire and show boar, MISSOURI GOLD FINCH, first-prize boar at the Missouri State Fair and at the American Royal. Catalog now ready. Write for it. Address, GEORGE C. BLESSING, HOMER, NEB. Col. J. L. Luther, Auct.

## February 27, Homer, Nebraska. As great a lot of sows as was sold in Nebraska from the herd of John H. Tryon & Son. 50 Head, 4 daughters of the noted boar Orion, 3 daughters of Proud Advance, Trone's Oom Paul, Carroll Boy and the great Junior Jim.

These sows will be bred to the \$5,000 boar, JUNIOR JIM 30437, West's Compromise 44429 and Oom Paul Jr. The best breeders and field men say we are selling as good a bunch of sows as was ever sold in the state. Write for our catalog. Address, JOHN H. TRYON & SONS, LYONS, NEB. Col. J. L. Luther, Auct.

## FEB. 28, LYONS, NEB.--THE TOPS OF THE W. J. STONE HERD--40 HEAD, 10 AGED SOWS, REST SPRING GILTS.

I am selling Proud Ady, by Proud Advance, out of the Iowa State Fair sweepstakes sow, Royal Blossom 5th, that recently sold for \$600. This sow topped the Shade sale last year. Also selling some good daughters of Onimode, by Red Chief, Barton 40597, by Belle's Chief and Davy 40599. I am selling my very best gilts in this sale. Write at once for catalog. Address, W. J. STONE, LYONS, NEBRASKA. COL. J. L. LUTHER, AUCTIONEER.

## March 1st--Lyons, Neb.--The Tops of the Herds of E. F. La Rue 40 Head--8 Matured Sows, the rest gilts

The matured sows are sired by Col. Roberts, a son of the great boar, Owen, and Glendale Chief. The gilts are sired by Monarch L. and Alix. I am selling four good granddaughters of Jumbo Red. They are bred to Radiator, the boar that Professor Burnett used at the Nebraska Agricultural College; Prince Regent and R. Gold Dust by Gold Dust Jim. You will find my offering an extra good one in every way. Write for catalog. Address, E. F. LA RUE, LYONS, NEB. Col. J. L. Luther, Auct.

## March 2d, Lyons, Nebraska--A Great Offering from the Herd of W. A. Peterson

35 of the Tops--10 yearlings and aged sows, the rest spring gilts. Sired by old Dandelion, Long Orion, Acme and Dandy Orion, and bred to Jumbo John 53403 and a son of Top Pride. I have culled all my gilts and nothing but the very best will be offered. The blood of Orion, Proud Advance and Long John makes up my herd. Write me for catalog. Address, W. A. PETERSON, LYONS, NEB. Col. J. L. Luther, Auct.

Send for Catalogs to any of the above Breeders and mention Iowa Homestead.

## Last Call for Carey Cameron's Short-horn and Duroc Jersey Sale.

One of the most select bunches of Short-horn cattle and Duroc Jersey hogs that will be offered at public sale in the West this season will be that of Mr. Carey Cameron at Herman, Neb., on Monday, February 25th. It is very seldom that such a good offering of two breeds is made in one sale as he will sell on this occasion. The cattle will be represented by Scotch and Scotch-topped sorts, and he is certainly offering some good ones. He is selling a particularly nice lot of Scotch and Scotch-topped heifers and young bulls. These have been well cared for, in fact have been grown out right. Many of these are sired by his great Scotch bull, Imp. Victoria's Count 195220, considered one of the best-bred bulls in the state of Nebraska. This bull was bred by Mr. J. Dean Willis and was imported by Mr. W. D. Platt, and is sired by the noted Duthie-bred bull, Collinzie Favorite. His dam is Imp. Victoria Adelaide by Count Lavender. He is a line-bred Victoria and on sire's side runs down through Gondoller, Roan Ganntlett, Barnpton Prince, Lord Privy Seal and Champion of England. A heifer by him or bred to him, or a young bull by him will be a most excellent proposition to put into any herd. All the young bulls in the sale are sired by him. One of these, No. 4 of catalog, is a straight Scotch bull out of Rose-dale Butterfly 3d by Red Bud. He is a Cruickshank Butterfly and the making of a splendid herd bull. Another good bull is Red Lochinvar 270941 out of Daisy Lochinvar by the Harris-bred bull, Lochinvar. He was a year old in December, a solid red in color and will make an excellent bull when matured. There are several other good bulls in the bunch. Mr. Cameron is offering some richly-bred heifers and some particularly good ones in this sale. Roan Lady is a Canadian-bred heifer, got by the great bull, Royal Fancy, out of a daughter of old Scotsman. Here is one of the great young heifers in the sale. She is a nice roan in color, a good individual and is bred to the pure Scotch bull, Butterfly Duke 2d. Another good heifer is Red Fanny by Scottish Count out of Fanny Weldon by Knight of Weldon. The dam of this young heifer is the best cow in the Cameron herd. He also sells two richly-bred Butterfly heifers and both of these are bred to Imp. Victoria's Count. Mr. Cameron will offer thirty-six head of Duroc Jersey gilts, and after seeing most of the other sale offerings we will say to our Duroc Jersey friends that a better lot of sows have not been sold in Nebraska than he is offering in this sale. They are rich in the blood of Gold Dust Jim, Crimson Wonder, Malcolm's Model and old Top Notcher. They have the size, length of body and ample bone, in fact the kind that breeders are all after. We went into details in our last week's issue regarding this offering and we only now want to repeat what we then said, that no breeder in the West has put a better lot of sows through a sale ring than Mr. Carey Cameron will offer on this occasion. Herman, Neb., is only thirty miles north of Omaha and can be easily reached. A train leaves Omaha at 6:30 Monday morning, or Iowa breeders can get there by way of Missouri Valley early Monday morning. Mr. Cameron invites all Short-horn men and Duroc Jersey breeders to be with him on that occasion.

## A Notable Jack and Mule Sale At Savannah, Mo., March 7, 1907.

The third annual jack and mule sale of Quiet Glen Farm will be held under cover at the time and place above mentioned. The offering will consist of twenty-five jacks, twenty-two three-year-old mules and one draft and one harness stallion. There will be no postponement whatever and there is every indication to lead one to predict that the sale is going to be a cracking good one. The catalog is most elegant in its get up and contains fifteen page illustrations of the jacks, taken from actual photographs. This feature makes plain reading and very interesting as well. There are other illustrations of farm surroundings which make the catalog one of the neatest we have seen. The farm is situated six miles east of Rea, and

those who are unable to attend the sale should make their selections previously and their bids will be honorably handled. Everything is as good as described. Take a day off and attend the sale. Write for the illustrated catalog to Mr. G. M. Scott, Route 2, Rea, Mo. Kindly mention this paper when you write. Remember, the sale is in Savannah and opens at 10 o'clock a. m.

## The J. C. Bailly Poland Sale.

Mr. J. C. Bailly, of Marshalltown, Iowa, will hold his first annual Poland China sale on the fair grounds at Marshalltown, Iowa, on Tuesday, February 26th. At that time Mr. Bailly will offer something a little extra in the way of yearling sows and gilts. The special feature of the offering is that the sows are a little extra in size, though they combine with this all the quality that can be imparted by the very richest blood found in the breed. Some of his Ohio Perfection 2d gilts measure from six and a half to seven and a quarter inches of bone. Two gilts by this great sire out of Miss Knucky are bred to Good Shine and two to Keep On Perfection 2d. There are two gilts in the offering out of Susa Courtney 167894 by Perfection Star. The dam of these two gilts is two years old and has been a wonderfully profitable sow. No man can make a mistake if he sends a mail bid on either of these two great gilts. One, No. 20 in the catalog, is bred to Keep On Perfection 2d and the other, No. 21, bred to Good Shine. Most of our readers are aware of the fact that Keep On Perfection 2d was sired by Keep On Perfection and he by Keep On. There is no richer blood than this found among the Polands, and when hogs of this breed are handled right, as they are when they fall into the hands of Mr. Bailly, the outcome is sure to be satisfactory. In the offering is an extra good five-year-old sow sired by Perfection U Know 65351 out of Beauty 18860. She raised nine pigs last fall and is bred again January 12th to Good Shine. We possibly have said enough to indicate the character of Mr. Bailly's offering, and we urge our readers to send at once for catalog. The sale will be held under cover at the state fair grounds at Marshalltown, Iowa, February 26th. Please write at once for catalog, addressing Mr. J. C. Bailly, Marshalltown, Iowa, and kindly mention The Homestead when you write.

## Last Call for Sellers & Son's Duroc Sale.

A sale of Duroc bred sows that should attract farmers and breeders from all parts of the state is that of Messrs. M. A. Sellers & Son, of Huntley, Neb., on February 26th. In looking over the pedigrees of the animals in the catalog and more especially of the herd boars, we find that the breeding is second to none, and after a careful inspection of the herd we find some extra good individuals and some that would be worthy of a place in most any good herd. The offering consists of thirty-five head, ten of them being tried sows, five extra good fall yearlings and twenty spring gilts. They are in the pink of condition, not fatted, but just right to do the purchaser good. They represent the best blood known to the breed, there being daughters of such noted prize-winning boars as Cole's Duroc, Improver II, and many other noted boars of show-yard fame. One of the best things of the sale is No. 2 in the catalog, a daughter of Boon by Cole's Duroc. She is a good individual and has proven a good brood sow. She was bred to Tip Top Dandy on December 23d, which should be a good cross. In No. 1 in catalog we have a daughter of Mendenhall Choice, dam Peggie by Liberty Jim. She has good length, good bone, good color, and has proven herself an extra good brood sow. She will farrow a nice litter on March 8th from Sellers' Duroc. The gilts are an extra good, strong bunch of sows of good breeding and bred for the best results, some of them being bred to Ohava Chief, a son of the great Ohio Chief. This sale is the second of the circuit and parties attending the Sanstead sale at Holdrege will be conveyed to this sale free of charge. Parties who cannot attend can send bid to Mr. Ray Page, of this paper, and they will be properly handled. Send for catalog and arrange to attend this sale.

## DISPERSION SALE OF THE NOTED PATRICK GLEESON HERD

# Short-horn Cattle

AT OAKLAND, NEB., FEB. 28, 1907.  
62 HEAD 15 Bulls, 47 Females, including  
Two Good Herd Bulls.

### COUNT WATERLOO 151016

Victorious 121467 ..... W. A. Harris

Waterloo Duke of Hazel-  
hurst 6th ..... Peculated Wild Eyes 109348 ..... H. M. Vail  
Waterloo Duchess 5th ..... 31st Duke of Airdrie 50831 ..... A. J. Alexander  
Imp. Waterloo D. 3d ..... Waterloo Earl (32816) ..... E. H. Cheney

### CLOVERLAWN SULTAN

Imp. Craibstone 150955 ..... G. Anderson  
Imp. Peony Rose 2d ..... Fitz Allen (76688) ..... H. R. Macrae  
Primrose 4th ..... Dennaberill (67893) ..... J. Wilson

All our breeding cows, heifers and young calves. The Scotch families are represented by the Queen of Beauties and Orange Blossoms. One of our best Queen of Beauty heifers is safe in calf to the noted bull, Choice Goods, and she is a proposition for some good breeder to buy. There will also be some good Rose of Sharons, Wild Eyes, Sanspareils, Oxfords and other well known families. Everything must be sold to settle up the estate. Catalog now ready. Address,

**GLEESON BROS.,**  
OAKLAND, NEBRASKA.

COL. F. M. WOODS, AUCTIONEER.

## Custer's Duroc Jersey Sow Sale

at the Park Livery Barn

Moivre, Iowa, February 28, 1907

40 HEAD, including some of my very best brood sows, yearlings and spring gilts. These are sired by Jumbo Giant, a son of the noted boar, Jumbo Red, Royal Triumph, Phil Clark 2d, Iowa Model and King James. They are bred to Jumbo Giant, Royal Triumph, Rockefeller and Square Deal. I am selling a grand lot of sows, particularly strong on feet and all carrying a heavy bone and good length. Write me at once for catalog and come to my sale. Address,

**GEO. W. CUSTER, Moivre, Iowa**  
COL. PAT McGUIRE, Auctioneer.



# LYNDALE

# POLAND CHINAS

## AT LYNDALE FARM NEAR KING CITY, MISSOURI

### THURSDAY, FEBRUARY 28, 1907

## 50 Head

## I am including the choicest sows in my producing herd

## 50 Head

**G**RAND MODEL 42551, one of the best sons of the \$3,000 Grand Chief, has been used on about 20 of my best sows and gilts. Fourteen are bred to Tormentor 29273, a good son of the World's Fair champion, Meddler. Others are bred to Maple Lawn's Top and T.'s Perfection, a son and a grandson of Chief Perfection 2d. Arrange to be with me, as I know the hogs will please you. Write for catalog.

## A. F. GRAVES, - - KING CITY, MO.

### COLS. BELLOWS, ZAUN, KLAAS, AUCTIONEERS.

#### Last Call for Wassen's Bred Sow Sale.

On Friday, March 1st, Mr. C. C. Wassen, of Wilcox, Neb., will offer a draft of Duroc Jersey bred sows from his herd that should be bought by breeders and farmers of the state of Nebraska. This sale will be next to the last one on the southwestern Nebraska Duroc Jersey sale circuit, and he has a good offering to show his patrons on this day. The sale consists of thirty head, three of which are tried sows, nine spring gilts and twenty-three big, strong fall yearlings. They are in nice breeding condition, are of an extra good brood sow type and are bred to as good males as Mr. Wassen has been able to find. Most of the best things in the sale are bred to Jumbo Wonder 40949, a son of Jumbo's Perfection and out of a daughter of Desoto, the first-prize hog at the Kansas City Royal show in 1903. This hog comes from noted prize-winning blood, his sire being first-prize hog at the Nebraska State Fair two years in succession. He is a good individual, a very strong-backed fellow, with good ham and side lines, good head and ear, good bone and good feet. Several of the best fall yearlings are bred to Cole's Duroc II, he by Cole's Duroc, dam Pauline by Paul Finch by Oom Paul. Catalogs of this sale are now ready and can be had by dropping a card to Mr. C. C. Wassen, of Wilcox, Neb. Those who cannot attend can send bids to Mr. Ray Page, of this paper, and they will be properly handled. Write for a catalog of the sale and mention this paper.

#### Last Call for the Sanstead Bred Sow Sale

With this issue we wish to call the attention of our readers for the last time to the sale of Duroc Jersey bred sows to be held in Holdrege, Neb., on February 25th. The offering is not large, only thirty head being sold, but they are the tops of about seventy-five head now on the Sanstead farm. Eight tried sows and twenty-two spring gilts comprise the offering and among them are some very choice individuals. Among the offering of tried sows is the great brood sow, Pauline 72966. She is a daughter of Paul Finch 14733, he by the great prize-winning boar, Oom Paul 7545. Her dam was Perfect West 50590, she by Duroc Challenger 11163, sire of many noted prize winners. This great sow has proven herself a wonderful breeder, being the dam of several noted herd headers. Another good sow to be included in this sale is Ines 446690, a daughter

of the great Improver II. 13365. Her dam was Alice 98990 by Percy 18641. This sow was bred by Messrs. Bowman & Fitch, of Lawrence, Neb. She is a good individual and has proven a profitable brood sow for Mr. Sanstead. In Rosa Belle 98658 we have a sow of good scale, has good back and ham, good bone and feet and is of typical brood sow type. She is by Holdrege Boy 16689, he by the great sweepstakes boar, Van's Perfection 11571. Her dam was Fancy G. 40344 by Kozy Boy 9317 (A.). The gilts included in this sale are a very choice lot, being the tops of about seventy-five head raised this year. They are mostly daughters of Munger's Ideal and those not by him are bred and safe in pig to him. Most of the Munger's Ideal gilts are bred to Red Prince I Am, he by Red Chief I Am, dam Garnett by Morton Prince. Others are bred to Jumbo Ideal 57989, a son of Jumbo Wonder by Jumbo's Perfection. His dam was Pansie by Mendenhall's Choice. These two young boars are very promising youngsters and much is expected from their get. This sale will be held in sale pavilion right in Holdrege and parties from a distance will be cared for at leading hotels free of charge while attending this sale. Col. T. C. Callahan will do the selling and parties that cannot attend can send a bid to Mr. Ray Page, of this paper, and it will be properly handled. Parties can attend this whole circuit at one expense. Send for catalog and arrange to attend.

#### Last Call for the A. A. & W. G. Karschner Bred Sow Sale.

We wish to call for the last time the attention of the many readers of this paper to the bred sow sale to be held at Wilcox, Neb., on March 2d, by Messrs. A. A. & W. G. Karschner. The offering consists of forty head, eleven of which are aged and yearling sows. The balance are big, strong, growthy spring gilts. They have been raised on alfalfa pastures with plenty of range which gives them the exercise so necessary in developing the brood sow and the litter she is carrying. They are in prime breeding condition, fed on protein foods and are a lot of hogs that we are sure will please buyers and give the best results under anything like good care. This great bunch of gilts are daughters of Nebraska Wonder, a son of the great show and breeding boar, Crimson Wonder. They are very growthy, extra good boned gilts and bred to such boars

as Lord Gold Finch, the great show boar recently purchased by these gentlemen from Messrs. McFarland Bros., of Sedalia, Mo. Others are bred to Chief Bell Top, a son of Morrison's Bell Top, and a pig that is well worthy of a place in most any good herd. Among the best aged sows is Cherry B., a daughter of Colonel Smith by Mendenhall's Choice. Her dam was Jennie L. by Sir George. This is a sow of great scale, has proven a wonderful brood sow and will be sold safe in pig to Lord Gold Finch. The fall sows included are all by Colonel Smith and bred to these great boars, Lord Gold Finch or Nebraska Wonder, they should produce something worthy the best breeders' attention. Write for a catalog of this sale, look over the breeding and make arrangements to attend. If you cannot be present, a bid sent to Mr. Ray Page, of this paper, in care of the above breeders, will be properly handled. When writing please mention this paper.

#### Last Call for Geo. Karschner's Duroc Sale.

With this issue we call attention for the last time to the sale of Duroc Jersey bred sows to be held at Wilcox, Neb., February 28th, by Mr. Geo. Karschner. The offering is not large, only thirty head included, but they are a very choice lot, being the tops of about 100 head raised this year. Four of this number are tried sows and are put in this sale for no other reason than to make the sale a very attractive one. The gilts are very growthy, of good breeding and as individuals as a whole are hard to duplicate. They have been raised largely on alfalfa and are in the pink of breeding condition. Just right to do the purchaser a lot of good. They are bred to such boars as Journal II, first-prize pig under six months at the Kansas State Fair in 1905, and was only four months and two days old when he was shown. He is a son of Duroc Jim by Liberty Perfection. He is a fine individual in every respect, having a fine, wide arched back, with extra good side lines, very even from end to end, good ham coming down well to the hock joint, a good bone and extra good feet. He is assisted in service by Kan't Beat Top Notcher II, a grandson of old Kan't Be Beat, and his dam a daughter of old Tip Top Notcher. This pig is a richly-bred fellow, is a good individual and the produce from the gilts bred to him should be extra good. Catalogs are now ready and should be in the hands of every Duroc Jer-

sey breeder. Parties from a distance will find free entertainment while attending this sale, and those who cannot attend can send a bid to Mr. Ray Page, of this paper, and it will receive proper attention. Write for a catalog at once and arrange to attend this sale. When writing please mention this paper.

#### Last Call for the Tillman Sale.

With this issue we wish to call attention to the sale of Duroc bred sows to be held on February 27th at Ragan, Neb., by Messrs. S. J. Tillman & Son. We wish to say to the breeder who is in love with the large type of the Duroc Jersey that this will be one of the grandest opportunities to secure that kind of any of the sales to be held this spring. They are in prime breeding condition, being fed on protein feed and developed properly to produce the best results. One of the good propositions in the gilt line to be sold this spring you will find in No. 16 in the catalog. She is a daughter of Cole's Duroc II, he by Cole's Duroc, the first-prize boar at Nebraska State Fair in 1904. Her dam was Dark Daisy by Jumbo's Perfection, a first-prize winner at Nebraska State Fair two years in succession. This gilt is an extra good individual, has good size, a wonderful back, good even side lines, good bone and extra good feet. She is one of the best things to be offered this year and will be sold safe in pig to Crimson Dandy for an early March litter. Another of the good gilts that would be a credit to any herd is No. 25, a daughter of the great Jumbo's Perfection, dam Rose Loudon, the \$300 sow sold in the H. B. Loudon & Son sale, 1906. This sow is one of those large, mellow kind, with great length, a smooth, even makeup from end to end and the type that always makes a good brood sow. Send a good bid on her, as she is a hummer. In No. 1 in the catalog we think we have a sow worthy of a place in some good herd. Molly Sanstead is by Koriki by Young Grant, dam Susie Ann by Holdrege Boy by Van's Perfection. This sow has proven one of the most profitable ones on the Tillman farm and will be sold safe in pig to Jumbo's Ideal. We wish to recommend this bunch of sows to anyone who is looking for the right type of a Duroc brood sow. Catalogs are now ready and should be in the hands of every Duroc Jersey breeder. Those who cannot attend can send bids to Mr. Ray Page, of this paper, and they will be properly handled. When writing please mention this paper.



# Administratrix Sale Of "Lone Retreat" Stock Farm's

**Jacks and Jennets and Stallions--Friday, March 15th, at farm near Lawson, Mo.**  
**20 JACKS---YEARLINGS TO 9 YEARS OLD. PAST YEARLINGS ARE 14 1-4 TO 16 HANDS HIGH. 6 JENNETS FROM 3 TO 9 YEARS OLD, 4 COLTS**

Bryan 280, one of the greatest jennet jacks in America, is included. Among the stallions is the famous Jarvis 2578, a black beauty, Spion Kop 32864, a Wilkes-bred trotter. Ture 44093, a black Percheron, and Ben Hur, a bay yearling Percheron. This stock must be sold to settle the estate of the late J. C. Ray. Sale starts at 1 p. m. Lawson—On C. M. & St. P., and Santa Fe Rys., 42 miles northeast of Kansas City and 48 miles southeast of St. Joseph. Farm located in northeast corner of Clay county, 4½ miles east of Holt, on C. B. & Q., and C., R. I. & P. Rys. For catalogs, write

Harriman & Sparks, Auctioneers.

MRS. LENA M. RAY, ADMX., OR C. F. CHAMBERLAIN, MGR., LAWSON, MISSOURI.



## Jacks and Jennets at Limestone Valley's Thirtieth Annual Sale.

Attention is once more directed to the thirtieth semi-annual sale to be held at the Limestone Valley Farm, owned by Messrs. L. M. Monsees & Sons, of Smithton, Mo. Sixty head of jacks and jennets, the equal of which have never been offered at public auction, will go through Messrs. Monsees & Sons' sale ring on Tuesday, March 5th. They have shown the same judgment in the breeding of jacks and jennets as is shown by the best breeders of other live stock, and as a result they will show a line of jacks and jennets on sale day that have no equal for scale, bone and quality. At the Chicago World's Fair Superior Mammoth was shown by Messrs. Monsees & Sons and was made champion. At the St. Louis World's Fair, Orphan Boy, a son of Superior Mammoth, was shown by them and won the same honors. Thus it may be seen that they breed the kind that go into the big shows and win. Their winnings did not end here, as it was this firm that carried away over \$10,000 in premium money from the St. Louis World's Fair. For their sale on March 5th they have selected forty jacks and twenty jennets. Among these jacks are a whole lot that are classed as "cracker jacks;" in fact there is not an inferior animal in the sale, and the poorest jack listed has a right to be classed as a good one, and were it not for the exceptionally high quality of the tops the poorest would make a great showing. A line-bred jack got by Superior Mammoth, sire of the great Orphan Boy, is one of the superior of which has never gone through any sale ring. He has the scale, the bone and does not lack in quality. At the St. Louis World's Fair he was a second prize winner. Not an old or a stale jack is listed and the large part are three's and four's. Seven yearling jack colts will be sold, as Messrs. Monsees have at each sale been asked to put in some yearlings. The jennets are probably the best twenty head ever gotten together. Several sell with colts at foot and all are in foal to one of the Limestone Valley jacks. Messrs. Monsees & Sons request that those wishing to purchase at this sale come a day in advance, so that you can examine the stock carefully. This is in accordance with Limestone Valley business methods. They want every customer to be satisfied and know exactly what he is buying. See page 37 for advertisement and arrange to be with Messrs. Monsees & Sons sale day if you want a high-class jack or a jennet or two.

## Finley's Sale of Jacks, Jennets and Stallions.

A catalog of the sale of jacks, jennets and stallions to be sold by Mr. W. J. Finley, of Marshall, Mo., on Saturday, March 2d, has just reached our desk. We find that Mr. Finley has included pictures of practically all the jacks that sell. These are made from photographs and are not overdrawn or retouched. In his catalog Mr. Finley says: "I extend a cordial invitation to everyone interested in fine jacks and stallions to attend this, my first public sale. I have been breeding and handling jacks for the past fifteen years and believe I know a good one when I see him. The jacks offered in this sale are most of them tried sires, and several of them are as good as calls be found anywhere, and their produce sells for the highest prices. The jennets, with the exception of a few young ones, are tried dams and have produced jacks that have sold at good prices. I am also offering a first-class lot of stallions, among them a number of trotting-bred stallions, bred on most popular lines, and a number of English Shires and Percherons, all good individuals. Come to the sale and see my offering; you will be well repaid for your time and expense, as I have in the sale jacks, jennets and stallions that will make you money." See page 37 for Mr. Finley's advertisement and if you have not received a catalog write for one now and kindly say you saw his advertisement in this paper.

## Seckman & Allen's Duroc Sale.

One of the best lots of Duroc Jerseys which will be offered to the public this season is that of Messrs. Seckman & Allen, of Ripley, Ill., which will be sold on Wednesday, February 27th, at Mt. Sterling, Ill. In our last issue mention was made of the boars which are now in use in these herds. This week we wish to call the attention of our readers to some of the females which are included in the auction. Two April gilts by Tip Top Notcher and out of a Kruger dam go into the auction, one bred to Speculation, the good son of Orion Chief, and the other to The Commodore, one of the best sons of the champion, Commodore. Four daughters of Ohio Chief II., the boar which sold in Mr. Seckman's last sale for \$605, and out of Lad's Goldie 40th, a sow which Mr. Seckman refused \$1,000 for last fall, go into this sale. Two of these gilts are bred to Speculation and two to The Commodore. To the breeder or farmer who is in the market for something especially good this litter will afford an excellent opportunity to secure well-bred gilts at their own figures. Three daughters of Double Track, the boar which has been used to such good advantage in the

herds of Messrs. E. H. Deal & Son, of Elwood, Ill., are among the best gilts that have been included in this sale. They are very smooth, with good length and stand up well on their feet. In fact, the whole offering is especially good in feet and legs and no one in attendance sale day will need to have any fear on this account. Several yearlings by Tip Top Notcher are also included in the sale and will certainly prove good property in the hands of good breeders or farmers who wish to start into the Duroc business. Gilts by Ohio Chief II., Fancy Orion Chief, Champion Paul, Top Notcher King and other boars of equal note give the buyer a variety of breeding coupled with excellent individuality that is sure to please the most discriminating buyer. We take pleasure in recommending this offering to our readers, and bids sent to Mr. D. M. Pierce, in care of this firm, will be properly handled. Write for catalog at once and kindly mention this paper when writing. See page 41.

## Iams' New Catalog.

The 1907 catalog of that noted Percheron horse importer and breeder, Mr. Frank Iams, of St. Paul, Neb., is off the press and now ready for distribution, and it excels by far anything of its kind ever before issued by him. It is printed on the finest quality of book paper and is illustrated from cover to cover. It contains nearly 100 illustrations, many of which are pictures of his leading winners. The front cover contains a picture of Mr. Iams in characteristic pose, selling a 2,100-pound "peaches and cream" stallion, and is a splendid likeness of both the man and the horse. The name "Frank Iams, the leading importer of horses," stands out in bold relief, being embossed in gold above and below the picture. But while the printing is a work of art, the best thing of all is the information contained therein. The pictures are the work of Mr. Lou Burk, and he has caught them in every conceivable position. In the artist's eye he has pictured them in singles and doubles, in groups and in contented pose. In one instance you will see a 2,000-pounder coming down the road, with great force of movement, but with neatness of action, and on another page you will see one as "wide as a wagon" waiting to be transferred to the home of some good horseman. The life history of Mr. Frank Iams and his winnings, of his rise from that of a poor man to one of the most successful horsemen in the United States, will be found therein, and it all makes interesting reading. The catalog is certainly interesting to all lovers of Percheron, Belgian and French coach horses, and any of our readers who are contemplating buying a stallion will be particularly interested in this great work of art. It is sent free to those who are thinking of buying stallions, provided you mention this paper when writing.

## Last Call for Lyndale Polands at Auction

Mr. A. F. Graves, of King City, Mo., proprietor of the Lyndale herd of Poland Chinas, makes his first sale of bred sows on Thursday, February 28th, at which time he sells as good a lot of breeding matrons as are owned at Lyndale. These are bred to the Lyndale herd boars, a large part being safe to the service of Grand Model, one of the best sons of the \$3,000 Grand Chief. The sows to which this boar has been bred are the kind that Mr. Graves thinks will produce best to his service. Other sows are bred to Tormentor, a son of the World's Fair champion, Meddler, and Maple Lawn's Top, a grandson of Chief Perfection 2d. Mr. Graves says come and see the stock, as he is including sows that he should not part with, but in order to give the public the best he owns they go, and at your price. See page 39 for Mr. Graves' final announcement and arrange to be with him sale day.

## Some Good Short-horns.

Mr. Chas. C. Norton, breeder of Short-horn cattle, Corning, Iowa, writes: "We have recently sold to that discriminating and progressive breeder, Mr. C. L. McClellan, of Lowden, Iowa, the very choice yearling Short-horn bull, Cinch 272753, the sire of which was the prize-winning Bankers' Victor by Imp. Banker, and whose dam was sweet Charity 7th by the prize-winning Imp. Salamis out of old Sweet Charity by Imp. Bandmaster. Sweet Charity 7th was the third-prize yearling heifer at the International Exposition at Chicago in 1900, and her full sister, Sweet Charity 5th, was the second-prize two-year-old heifer at the same show. Sweet Charity will be sixteen years old next April; has had thirteen calves and is well along in calf again. She has the honor of being the dam of two of the produce of one cow that won second prize at the International of 1900. I have kept all of her female produce but one, and the four bulls and one heifer which I have sold from her have brought me \$3,045. We think this good enough blood for any man's herd. We have also recently sold the choice red heifer, Honeyuckle, by the prize-winning Bankers' Victor, and out of the very choice cow, Imp. Honeycomb 5th, to Mr. O. C. Hardin, of this county, who is building up a good herd and is very careful in his selections." See advertisement on page 44.

## DISPERSION SALE

OF REGISTERED

## SHORT-HORN CATTLE AND POLAND CHINA HOGS

To be held on Farm 3 miles north of Gilmore City, Pocahontas County, Iowa, February 27, 1907

## 40 HEAD PURE BRED SHORT-HORN COWS, HEIFERS AND YOUNG BULLS,

Seven cows from the herd of H. G. McMillan, Cedar Rapids, Iowa, some with calves at foot; cows sired by Royal Lavender 164545, Orange Chief and three young bulls sired by Victor Lad 182026 out of Young Mary dams. This is all good stock, in nice condition and should find ready buyers.

## 15 HEAD POLAND CHINA BROOD SOWS.

And gilts, principally Perfection bred, bred to a son of Iowa Sunshine and King Pilot 107581. Valuable producers; plenty of size and bone. Free entertainment. Comfortable sale place. Send for catalog.

COL. A. P. MASON, AUCTIONEER.

E. O. WOLCOTT, PROP.

Gilmore City is north of Ft. Dodge on the Minneapolis & St. Louis. R. R.

"I'm in a hurry to get to Kansas City to buy some of those good Registered Hereford Cattle that are to be sold in the Live Stock Sale Pavilion, February 27 & 28."



This Man is not frightened, as you may suppose, but is simply on the way to Kansas City, Mo., to attend the big combination sale of **HEREFORDS** that will be held at the Live Stock Sale Pavilion, Wednesday and Thursday, Feb. 27th and 28th, commencing at 1 o'clock the first day and 10:30 o'clock the second day, at which time 100 carefully selected ones will be sold. 60 of these are big, strong, well bred bulls, ready for hard service; 40 are choice females. Every animal a good one and especially selected to inaugurate the spring sales at Kansas City. More herd bulls of outstanding character than ever before offered in one sale. Sixty bulls mean bargains for the buyer of one or a car load. Breeding cows of foundation stock. The consignors to this sale are all members, in high standing, of the Hereford Association and each is putting forward some of his best animals.

Send now for catalog to C. R. THOMAS, Sec'y., 221 West 12th St., Kansas City, Mo.

## PUBLIC SALE OF Poland Chinas and Chester Whites

BY F. G. PAUL

Exchange Pavilion, Laurel, Iowa, Thursday, Feb. 28th.

The offering will consist of twenty-five head of bred Poland China sows and gilts and one two-year-old herd boar. The herd boar is Prince Donald 101473. The sows are principally of Nemo L. Dude and Perfection breeding. There will also be twenty-five head of Chester White bred sows and gilts and one yearling herd boar. Laurel Winner. For further particulars, address,

F. G. PAUL, - - LAUREL, IOWA.

## WENDT'S DUROC JERSEY SOW SALE

At the home of the Grand View Stock Farm

MARCUS, IOWA, WEDNESDAY, FEBRUARY 27, 1907.

**38 HEAD** Daughters of Wonder C 32393, a son of Crimson Wonder, Albino, Royal Plummer, Wendt M., Wendt's King, Wonder Again and Golden Prince II. They are bred to Wonder C, Lottie's Top Notcher, a son of Top Notcher Again, Grand King and Crimson King. Write me or catalog. Address,

W. J. WENDT,

COL. J. A. BENSON, Auctioneer.

MARCUS, IOWA

When Writing to Advertisers Please Mention This Paper



Central  
Iowa**DUROC JERSEY SALE CIRCUIT**

The blood of such noted winners as

Proud Advance, Junior Jim, Orion, Glendale Critic, Ohio Chief, Nebraska Belle and Rural, and Daughters of Junior Jim, Glendale Critic, Proud Advance Again, Orion, and out of Nancy VII, the great show sow, and Clear the Way, the best son of Nancy VII.

**"Nancy" Duroc Sows at Auction**

Sale to be held on the farm six miles northeast of

**Glidden, Iowa, Monday, Feb. 25, '07**

There will be about fifty head in the sale, twenty of them tried brood sows, the balance spring gilts. The grand brood sow, Beatrice, by Orion, dam Kruger Maid by Long John, is one of the attractions; also a spring gilt by Orion, her dam the sweepstakes sow, Nancy 8th; Williamette, one of the best brood sows on the farm; two gilts by Critic's Echo out of a Nancy sow; two by the \$5,000 Junior Jim, their dam by Golden Perfection; two by Rural out of Old Gold Lady. They are bred to Proud Advance Again, a pig by Orion, dam by Echo King; Nancy's Orion by Orion, dam the sweepstakes sow, Nancy 8th, and some to a son of I Am A Wonder out of an American Royal dam. Attractions for everybody. A carefully selected lot of stuff. Come to the sale and buy a good one at your own price.

**W. A. STAPLES & SON, Glidden, Iowa.**  
**COL. F. F. LUTHER, Auct.**

**Lake City, Iowa, Tuesday, Feb. 26, '07**

I will offer at my farm near town

**35 Head of strictly choice Brood Sows 16**

gilts, rest yearlings and matured sows.

I am offering nine granddaughters of the great Nebraska Belle in my sale, three choice gilts by Ohio Chief and a great many granddaughters of old Orion. The blood of Nebraska Belle is to be found in my offering, also of June Choice Again by the great Tientsin, the sire of Ruberta, the highest-priced Duroc Jersey sow ever sold, and a first-prize Iowa State Fair winner. I am selling some choice Ohio Chief gilts out of a Belle's Echo, a son of Nebraska Belle. There will also be some good gilts in the sale by old Orion, Young Advance, Goldie O's Top Notcher, King James and Orion II. These will be bred to Pittman's Ohio Chief and Clear the Way. The sows I am putting in are an excellent lot and some of them I hate to part with, but I am going to sell the best and I want the breeders to attend my sale, whether they buy or not. I will also sell twenty head of high-grade Shire horses and mares, and two good driving teams. Write me for catalog.

**Col. F. F. Luther, Auct. W. D. PITTMAN, Lake City, Ia.**

**February 27, 1907****40 Head Yearlings, Matured Sows 40**

and some Choice Spring Gilts

Three of these are sired by Orion; a litter sister to one of them sold in my last March sale for \$205; two by Crimson Wonder I am; three by Proud Advance; one by American Royal; others by Peerless Orion, Young John, West Side, and Tientsin, the sire of the \$1,500 sow, Ruberta. These will be bred to my great young breeding boar, Young Advance by Proud Advance, Orion Jr. by Orion, and W. D.'s Ohio Chief. Come one; come all, and see a fine lot of massive sows go through the ring.

I will also sell 1 Queen Mother and 3 Easter Tulloch Duchess Aberdeen-Angus bulls in my sale. Send for catalog.

**J. W. PITTMAN, Lohrville, Ia.****COL. F. F. LUTHER, Auct.**

Write any of the above breeders for catalog and mention Iowa Homestead.

**Next Week—E. O. Wolcott's Dispersion Stock Sale.**

On February 27th, which is next week, Wednesday, Mr. E. O. Wolcott will close out his herd of Short-horn cattle to the highest bidders in the sale ring. The offering will be made at the farm, three miles north of Gilmore City and four miles south of Bradgate. Gilmore City is on the Minneapolis railroad between Tara and Rolfe. The offering contains some very good cows that have been doing well for their owner in every way and nothing is to be sold except on its own individual merit. This, however, does not signify that the blood lines that are represented are not worthy of attention also, for the collection is made up of some good selections from some of the well-known breeders in the state. Mr. Wolcott has chosen some of his herd numbers from the breeding work of Messrs. H. G. McMillan and N. A. Lind. This part of the offering contains some very attractive numbers, as some of these cows have calves at foot and are in calf to good Scotch bulls, such as Orange Chief 144661, Morning Joy 198620 and others. Leno, Vol. 61, is a black roan, four years old, by the first named sire and due to calve soon to the service of the latter named bull. Roan Lucy by Imp. J. I. Marengo 145091 has a heifer calf at foot and will make a good purchase. Another is a three-year-old sired by Royal Lavender 164545. She is a good, useful type of heifer and promises to be a money maker. The young bulls are three in number and are sired by Victor Lad, the herd bull. They are about ten months old and are vigorous and growthy and should make good herd bulls for some one. Remember that fifteen Poland China sows and gilts will be sold at the same time. Refer to the breeding in the advertisement on page 40. Send for catalog.

**Remember F. G. Paul's Growthy Polands and Chester Whites Will Sell At Laurel, Iowa, February 28th.**

The swine breeder that can put up an offering with as much size, bone and all round individual merit as that which is to be offered at Laurel in southern Marshall county, Iowa, Thursday, February 28th, is to be congratulated. Mr. Paul believes that the great, big, growthy hog, that retains all the early-maturing and quick-finishing characteristics of the Poland, as well as the Chester White, is the hog that will make the most money for the majority of breeders. It is not overstating the case any to say that buyers will find on sale day as grand a collection of sows and gilts from the standpoint of large, deep-bodied, prolific individuals as any breeder could desire. The Poland offering consists of twenty-five head of sows and gilts, all bred for March and April litters to two splendid boars. Prince Donald 101473, a two-year-old, out of a Lightfoot dam, and on sire's side tracing to Ideal Sunshine 44645, is the sire of most of the gilts, and this union has brought such good results that the mature sows have been reared to him. Prince Donald will be for sale also, and we venture to say he is as big and well-formed a hog, at the same time carrying as much bone as any Poland boar in the state. His bone at its smallest part measures eleven inches and after having been used all fall he weighs 800 pounds. He has never been shown except at the county fair, where he has won the tops. However, he has some very toppy gilts in the sale which are certainly showy. Nos. 20 and 21 in the catalog were farrowed the middle of April and now measure eight and one-half inch bone and tip the scales at 350 pounds. They are a very neat pair and have the right kind of a head and ear and are strong in the back and stand close to the ground. They were bred the middle of December to Golden Perfection 115645, a vigorous March pig and one of the growing kind. This pair should prove a valuable addition to any herd. One of the special numbers in mature sows is Modesty 12P, coming three years old in May. Her weight is 600 pounds in ordinary flesh and four gilts from her last litter will be in the sale. A look at them will satisfy anyone about what kind of a producer the sow

is. She is a producer that is certainly what most men are looking for. Her sire is Monarch 81699 by Young Look Over Price, and on the dam's side traces to Young Jumbo 52723. Another one of the good sows is Belle W. 2d by Nemo Boy, and her dam is Bell Wilkes 210634. This is reliable breeding and she has proved it in this case by raising two good litters this last season. She has less range than the Modesty sow above mentioned, and is a very easy feeder. A bunch of fancy gilts is Nos. 10 to 14 inclusive, out of a Nemo L. Dude sow and by Prince Donald, the herd boar. They will stand a neat bid, for they have an eight-inch bone along with an elegant conformation and style. There are more just as good as any we have mentioned, and to be fully appreciated they should be seen. The Chester White offering will consist of twenty-five sows and gilts and one yearling herd boar, Laurel Winner 13485 by Busy Boy by Perfection 2d 10015. Great length, strong back, well-sprung ribs, strong bone and vigor as a breeder are all pronounced in this sire. All the offering is bred to him and the litters he gets will certainly be well sired. Among the many good looking numbers is No. 35, a March gilt that weighs 370 pounds and stands on very strong, straight pegs. Her sire is Jumbo Chief 12179, now doing duty in an Illinois herd. Many of the strains represented are of the Dorsey breeding. The offering of white hogs is full of good, valuable stock. The sows of this breed have been producing an average of twelve pigs right along. Send for the catalog at once. Plan to attend this sale and kindly bring your catalog with you, as the supply through an error is small. Mention The Homestead when you write.

**Last Call for J. C. Bailey's Poland China Brood Sow Sale.**

As has been before stated in these columns, February 26th is the day on which Mr. J. C. Bailey, of Marshalltown, Iowa, will sell thirty very select Poland China bred sows at the fair grounds in Marshalltown, Iowa. He has engaged to make this sale, auctioneers Menzies, White and Esslinger. The writer has been breeding Poland Chinas himself for nearly forty years and considers this bunch of some thirty head now offered by Mr. J. C. Bailey one of the most useful and practical bunches of brood sows that have been offered the public in a long time. There will be five yearling sows and the remainder March and April gilts, whose breeding, from the standpoint of blood lines, is unsurpassed. We have not in many years seen a bunch of gilts that were so well grown and yet stood up as well on their feet, carrying the true level underline with good arched backs, as these referred to. Mr. Bailey has always been a stickler for good, short heads and nice ears, in so far as this was possible and consistent with size, bone and growth. It is doubtful if central Iowa has had the opportunity in several years to buy a class of brood sows equal to these, and we predict that owing to Mr. Bailey being a conservative, quiet and modest man, this stock will not be fully appreciated on sale day, and for this reason we should like to impress upon Homestead readers the fact that it will in all probability afford them a splendid opportunity to buy high-class Poland Chinas at a much lower figure than is usually paid for stock of this class when sold by breeders who have a wider circle of acquaintance; yet we wish to say that Mr. Bailey is in no wise a new breeder. In fact he was raising registered Poland Chinas when a large per cent of the present so-called prominent breeders were growing grades. Mr. Bailey is his own herdsman, breeds, feeds and develops his own stock, and he certainly is an artist at the work. As has been before stated, the most approved blood lines are represented in these brood sows. They are all sired by such boars as Ohio Perfection 2d, Lookout Tecumseh, Nemo Boy, Long Price and Perfection Star. They are bred to such noted boars as Keep On Perfection 2d 115921 and Good Shine 117265. The first named is a boar about eighteen months old that stands on the best of feet and legs, is exceedingly good in his ham, shoulder and

Dispersion Sale of  
**Duroc Jersey Bred Gilts**

I will sell at Lilac Hill Farm, near Clarion, Ia., Tuesday, Feb. 26, '07

**60 Head of Choice Duroc Jersey Gilts, Bred**

They are the long-bodied, heavy-boned, growthy sort that have from 8 to 14 pigs at a litter and raise them. In other words, they are the Farmers' Ideal Mortgage Lifter. They are of March and April farrow and contain some of the best blood lines that has assisted in making the Duroc Jersey the most popular of all breeds. About 60 gilts were selected for this sale and the remainder fattened and sold on the general market. The dams of these pigs averaged 600 pounds each in November. These gilts were sired by Togo 37421, a 1,000-pound boar, and they are bred to Golden Chief and Gold Bud.

Address for catalogs **G. J. MACK, Clarion, Wright County, Iowa**  
Send bids to Col. M. K. Uhr, or Col. J. A. Haley, in my care.

**40 HEAD** **THE MAGNIFICENT** **BRED: SOWS** **40 HEAD**  
IN THE  
**SECKMAN & ALLEN**  
OFFERING

**At Mt. Sterling, Ill., Wednesday, February 27, 1907**

Sired by Tip Top Notcher, Ohio Chief II, Champion Paul, Fancy Orion Chief, Double Track, Best of Top Notchers and others

Bred to Masterpiece Chief, The Commodore, Speculation, Hanley, Tip Top Notcher and King Hanley. These sows have been selected with great care, properly fitted, and all will be safely bred by sale day and carry their own guarantee. Taken as a whole we believe this offering to be as good a lot, both in breeding and individuality, as ever were offered at public sale. Send bids to Cols. Fred Reppert, Judd McGowan, James Riley or to Mr. D. M. Pierce, representing this paper. For additional information and catalogs address Geo. W. Seckman or Fred Allen, Ripley, Ill. A very cordial invitation to all Duroc Jersey breeders in America to attend this sale.

**AT PUBLIC AUCTION.****ALTA, BUENA VISTA COUNTY, IOWA****THURSDAY, FEBRUARY 28, 1907.**

**28 REGISTERED SHORT-HORN COWS, HEIFERS AND YOUNG BULLS.** Scotch and English blood lines. Regular producers, money makers.

**30 PURE BRED POLAND CHINA SOWS AND GILTS.** Recognized blood. Bred to Perfection and Jumbo boars. Growthy and thrifty. Send for catalog. Farm north of Fair Grounds.

**J. A. PENN,**

**COL. C. W. LOOKINGBILL, Auctioneer.**

**ALTA, IOWA**

middle, has an exceptionally fancy ear and a crest seldom equaled. He is a regular peacock in style and appearance, coal black in color and with a splendid coat of hair. The other boar, Good Shine, is intensely inbred in the blood of Ideal Sunshine; this fellow has the smoothest and straightest coat of hair that we have ever seen on any boar of this line of breeding. Aside from his many other good qualities, his great arched back is one of the most striking. This good qual-

ity he imparts to all of his get, and the breeder who purchases some sows bred to this boar, or the young boar above referred to, can reasonably expect to get pigs of a very high class. These brood sows have been fed for growth rather than flesh. We know the ration on which they have been sustained and consider it as near perfect for the proper development of brood sows as can be secured. Mr. Bailey will be pleased to furnish his sale catalog to all Homestead readers who apply.



240 DUROC JERSEY BRED SOWS AT PUBLIC AUCTION

# GREAT SOUTHWESTERN NEB. SALE CIRCUIT

## Six Days Sale---Feb. 25th to March 2d Inclusive---The Tops of Six Grandly Bred Herds

February 25, 1907

**Wm. Sanstead, Holdrege, Neb.**

Will offer forty head richly-bred, tried sows, yearlings and gilts of most noted prize-winning families. They are bred to such boars as Munger's Ideal, first-prize pig under six months at Wisconsin State Fair, first at Beloit, Elkhorn, La Crosse Interstate Fairs. He is assisted by a good son of Red Chief 1 am. This combination of blood should produce good ones. A guarantee with every animal. Write for catalog. T. C. Callahan, auctioneer; Ray Page, assistant.

February 26, 1907

**M. A. Sellers & Son, Huntley, Neb.**

Will sell forty head from their well-known herd and they are right in every respect. The blood of such boars as Crimson Wonder, Cole's Duroc, Improver II., and other prominent sires represented in this herd. Most of them are bred to Seller's Duroc by Cole's Duroc; others to Crimson Pat by Duroc by Cole's Duroc; Dandy Top Notcher by Tip Top Crimsou Wonder, Dandy Top Notcher by Tip Top Notcher, and a son of the great Ohio Chief. Sale right in town in heated quarters. Come and look over a good bunch of sows. Catalog now ready. T. C. Callahan, auctioneer; Ray Page, assistant.

February 27, 1907

**S. J. Tillman - Ragan, Neb.**

Will sell at his place right in town forty head of tried sows and gilts that are hard to duplicate. If you are looking for size, with quality, come to this sale. I have sows of most noted strains and the individuals to back the breeding. They are bred to such boars as Jumbo's Ideal, one of the best sons of Jumbo's Perfection, and a son of Nebraska Wonder by Crimson Wonder. Come to this sale. I can please you. Write for a catalog at once. T. C. Callahan, auctioneer; Ray Page, assistant.

February 28, 1907

**Geo. Karschner, Wilcox, Neb.**

Will offer at his farm near Wilcox, Neb., a draft of forty head, consisting of tried sows and good, growthy, spring gilts. They represent the blood of Jumbo's Perfection, Improver II., Hambletonian, Crimsou Wonder, Red Chief and others of equal note. They are bred to such boars as Journal II., first-prize pig at Kansas State Fair, 1905, in under six months class; others are bred to Kan't Beat Top Notcher, a grandson of Kan't Be Beat. Every sow in prime breeding condition. Write for a catalog and arrange to attend the sale. T. C. Callahan, auctioneer; Ray Page, assistant.

March 1, 1907

**C. C. Wassen, - Wilcox, Neb.**

Will sell forty head, including three tried sows, nine spring gilts and the balance big, growthy, fall yearlings. They are in the pink of condition; represent the best blood lines and are bred to such boars as Jumbo's Wonder by Jumbo's Perfection; others to Cole's Duroc II. by Cole's Duroc. Come and look them over; they are extra good, both in breeding and individuality. Write for catalog and arrange to attend the sale. T. C. Callahan, auctioneer; Ray Page, assistant.

March 2, 1907

**A. A. & W. G. Karschner, Wilcox, Neb.**

Will offer forty head of top sows from their herds, and they have selected nothing but the very best. They are very growthy, being raised on alfalfa and fed to do the purchaser good. They are bred to such boars as Lord Gold Finch, a noted prize winner; Nebraska Wonder, a good son of Crimsou Wonder, and a good son of Morrison's Bell Top. Come and spend the day with us. Catalog now ready. T. C. Callahan, auctioneer; Ray Page, assistant.

Mail bids can be sent to Ray Page, of The Homestead, in care of the above gentlemen, and they will be properly handled.

### Last Call for the Wendt Sow Sale.

On Wednesday, February 27th, Mr. W. J. Wendt will sell at his Grand View Stock Farm, near Marcus, Iowa, thirty-eight head of well-bred Duroc Jersey sows. Mr. Wendt is not a man who makes a great amount of noise, but we will say for him that no breeder has a better lot of hogs. One of the chief boars at the head of his herd is Wonder C., a son of Crimsou Wonder out of a Duroc Challenger sow. He is one of the best sons of his famous old sire and he will have a number of yearling sows and spring gilts in this sale. He is also bred to many of the sows to be sold. Lottie's Top Notcher, a son of the World's Fair boar, Top Notcher Again, is also doing service in the herd and he is bred to a great many sows in the sale. The dam of this hog is Lottie A., the dam of the champion barrows at St. Louis. This boar is an excellent breeder and no one will go wrong in buying a sow bred to him. Some of the sows will also be bred to Grand King 56765, a son of Wendt's King. Among the old sows that Mr. Wendt will sell is a daughter of old Albinus, also one by Royal Plummer. One litter will be sired by Wonder Again, a son of Crimsou Wonder, and a number of litters will be sired by Wendt M. and Wendt's King. We would like to urge all of our Homestead readers to send for his catalog and then attend the sale. He is offering a good lot of well-bred sows, and the Wendt stock always does well in the buyers' hands.

### Short-horns and Polands at Alta, Iowa.

On Thursday, February 28th, of next week, Mr. J. A. Peun will sell at his farm adjoining the Alta Fair Grounds, his herd of Short-horn cattle and thirty head of pure-bred sows and gilts. The herd of cattle consists of twenty-eight head, among which are fourteen cows of Scotch and English breeding and that have proved good producers, as will be shown by their produce in the sale. Some cows have calves at foot and others are well along in calf to the service of a very good Scotch bull, Duke of Orange 2d 192733, a \$225 bull. There will also be some young bulls by this sire and they deserve the attention of farmers or breeders looking for a good young bull. The swine offering includes sows and gilts. The sows are good, prolific producers and represent well-established lines of breeding. The gilts are mostly sired by Ohio Boy 81137 by Ideal Tecumseh. Also by Jumbo 104677 by Crow's Model. This is a bunch that contains good, growthy stock and some have taken prizes at the county fair. Write for catalog and kindly mention The Homestead. On page 41 appears the formal notice.

### Last Call for Gleeson Short-horn Sale.

On Thursday, February 28th, the well-known Short-horn herd of the late Patrick Gleeson, of Oakland, Neb., will be closed out at public auction. This was one of the best-known Short-horn herds in Nebraska and few breeders were better known than the late Mr. Gleeson. At the head of the herd is the noted bull, Count Waterloo, for which Mr. Gleeson paid Mr. Martin Flynn \$1,000 at one of his public sales a few years ago. He never made a mistake in buying this bull, as he has proved himself a great breeder. Many of the young bulls and young

heifers in the sale are sired by him and he is bred to most of the older cows in the sale. This bull is a solid red in color and he is in splendid condition today. He will be sold with the rest, also the two-year-old Scotch bull, Clover Lawn Sultan 254376, a son of Imp. Craibstone, dam Imp. Peony Rose 2d by Fitz Alan 247820. This is a roan Scotch bull that has been used on the Count Waterloo heifers. Among the females the Scotch tribes represented will be Queen of Beauties and Orange Blossoms. Their foundation Orange Blossom cow was Orange Queen 4th. She is now nine years old, but is still a good breeder and goes into this sale with a roan heifer calf at foot by Clover Lawn Sultan and is rebred to the same bull. Her two-year-old daughter goes into the sale bred to Clover Lawn Sultan. The Queen is a good Queen of Beauty cow. She was bred by Messrs. F. Bellows & Sons and is a daughter of old Valley Champion out of a daughter of Imp. Red Emperor. She will have a bull calf at foot by Count Waterloo. Her four-year-old daughter, Missouri Queen, goes in and she is one of the best propositions in the sale. She was bred by Mr. W. E. Robinson, of Fairport, Mo., who at one time had one of the best herds in Missouri. She was sired by Violet's Galahad. She is a richly-bred Scotch cow of the Queen of Beauty family and she goes into the sale bred to the great \$5,500 champion show and breeding bull, Choice Goods. Clover Crest is a daughter of King Abbottsburn and is out of the Queen of Beauty cow. The Queen, she one of the richly-bred Scotch heifers in the sale. There will be a lot of Scotch-topped tribes in the sale. All the foundation cows and their heifers go in. Besides the two herd bulls there will be twelve or fifteen young bulls. Many of these are sired by Count Waterloo and all red in color. This is a dispersion sale, made necessary in order to close up the estate, and it will therefore be a good place to buy. A car load of good bulls can be secured in this sale, or a couple of good herd bulls can be bought. Write Messrs. Gleeson Bros., of Oakland, Neb., for catalog and mention The Homestead, and be sure that you are at the sale if you want Short-horn cattle.

### Last Call for G. J. Mack's Dispersion Sale of Duroc Jersey Bred Sows.

Previous mention has been made of the fact that on February 26th Mr. G. J. Mack, of Clarion, Iowa, would make a dispersion sale of Duroc Jersey swine. While The Homestead regrets to see Mr. Mack close out his Cherry blond pigs, we can with much pride and comfort cite our former readers to this sale as being a splendid place and opportunity to secure the large, roomy Duroc Jerseys that have all the marks of making ideal brood sows, that will attain great size at maturity and be productive of large litters of pigs. Some breeders of Duroc Jerseys have followed the fad laid down by the score card, with the result that they have a neat, tidy, nice red pig to look at, but possessed of little intrinsic worth or merit. It has been the aim and ambition of Mr. Mack to maintain in his herd just as much aristocratic breeding as was possible to find, and still maintain the size, bone, constitutional vigor, growth and ability to reproduce as large, strong litters of healthy, growthy pigs as was possible. In this he has succeeded admirably, as is evidenced by the

## PUBLIC SALE

.....of.....

### Short-horn Cattle

at farm

5 miles south of Rock Falls, Ill.

On Tuesday, February 26, 1907

consisting of

## 34 head cows and heifers 34

sired by Matchless 207311 and Reformer 120790. Those not with calves at foot are bred to Beaufort's Victor's Pride and those not kin to Matchless 207311.

### 7 HEAD OF BULLS

from yearling upward. Their sire, Matchless, is also included. He is by Baron Taylor 127795, dam Daisy by Favorite of Maple Leaf 167851.

FREE LUNCH at 11:00 o'clock; sale to commence immediately after.

## L. A. & H. L. CHURCH

Rock Falls, Illinois

COLS. E. J. PITTMAN and A. L. COE, Auctioneers. M. E. WILGER, Clerk

Send for catalog. No postponement.

sixty head of gilts that now weigh around the 300-pound mark. A Homestead representative has carefully inspected the entire offering, as well as analyzing the breeding, and believes that this sale affords a splen-

did opportunity for securing good, useful brood sows. The chief claim for the Duroc Jersey has been their strong, vigorous constitutions and ability to produce large litters of strong, healthy pigs and raise them suc-



cessfully. Whenever the Duroc Jersey approximates the Poland China type, which in the hands of some breeders they have done, they have lost many of the strong points that were claimed for the breed by the earlier promoters of the breed. It was the in-and-in breeding of already intensely in-bred Poland Chinas that has caused them to be less prolific than they were in former years when this state of affairs did not exist to any great extent. This condition of things discouraged farmers in some instances from continuing to breed Poland Chinas. They switched them to the Duroc Jersey for relief, and they found what they were looking for, but with the advent of the score-card type of Duroc Jersey, the neat, tidy Duroc found favor in the show ring, but lost favor with the farmer. Mr. Mack has reasoned this all out in his mind and has steered clear of the score-card type and will offer the farmers of the Northwest, and the state of Iowa in particular, sixty head of the ideal type of Duroc Jerseys that are real mortgage lifters. He does not expect at this sale any fancy prices, and is content to accept farmers' prices for this stock, although he himself has invested heavily in the best foundation stock and later in herd boars in order to breed up and propagate this type referred to. These gilts offered for sale are practically all sired by Togo, he by Jumbo Red and out of Pride of Iowa. Togo himself weighs 1,000 pounds. The dams of these pigs, as has already been stated, weighed 600 pounds each in November. The reason these gilts have attained a great size and are possessed of the immense bone of which we speak is now easily understood. Mr. Mack respectfully invites all readers of The Homestead who are interested in the most useful type of Duroc Jersey extant to send to him at once for the sale catalog, mentioning The Homestead. See advertisement on page 41.

JACKS.

BIG JACK AND HORSE SALE.

75 BIG registered Jacks. Jennets and registered trotting, saddle and harness horses. Closing out of the Johnson Co. Jack Farm, February 22, 1907, rain or shine, as have big tent.

Write for catalog.

G. A. Fewell, Leeton, Johnson Co., Missouri.

KENTUCKY BRED

75 Kentucky Bred and Imported Jacks For Sale.

We have more good Jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

J. F. COOK & CO., Lexington, Kentucky. Or Branch Barn, Newton, Kansas.

JACK AND MULE SALE

THIRD annual at Savannah, Mo., March 7, 1907. 25 Jacks as good as are bred, two stallions and 22 good 3-year-old mules. Catalog containing description and photos of Jacks now ready.

G. M. SCOTT, R. F. D. No. 2, Rea, Mo.

HEREFORD CATTLE.

HEREFORD BULLS

15 CHOICE Hereford bulls, ages 12 to 20 months. 15 choice Hereford heifers, ages 24 to 30 months, side in calf. These are sired by St. Elmo of Shadeland, McKinley and Advancer. These are very choice and as good as I have ever raised.

6 Duroc Jersey Boars, sired by Corn Cracker 14206, dam by Luther Top Notch 3907. Price \$25. Write at once.

Z. T. KINSELL, Mt. Ayr, Ia.

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

40 Choice Hereford Bulls  
40 Choice Bred Heifers  
RANGING in age from twelve months to two years. All sired by prize-winners.

EDMONDS, SHADE & CO., Kingsley, Iowa

Table Backed Herefords

For Sale Cheap to Quick Buyers.  
40 BULLS from 10 to 26 months old. 50 heifers, bred, average two years old. Prices low, try me.

W. W. WHEELER, Box H, Harlan, Iowa

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

BEAU BRUMMEL

4TH 194318. First prize Hereford bull of Iowa, 1896, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

HEREFORD CATTLE.

BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

John Secor, - Mechanicsville, Iowa

JACKS.

FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jim and Morning Star 21. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

PLEASANT GROVE STOCK FARM

THIS HOME of 200 Aberdeen Angus cattle. Herd now headed by Imp. Pride of Aberlour 41201 Nugget of Cottage Grove 2d 19066, Lowlander 21880 and Newton Hero 46150. 40 choice bulls and some cows now for sale. This is an excellent opportunity for farmers to supply themselves with a first-class bull from 1 to 2 years old. Write or come and see us. Free transportation furnished from Palmer's Livery to farm. Address, Dunning, Johnson & Allen, Greene, Iowa. On C. R. 1 & P. Ry

WHEATLEY AND WARD'S

ANGUS CATTLE

Bulls For Sale

GOT by Maplehurst Proteros 47351, Hule Lad 2d 42497 and Gardner's Pearl Rosegay 52637 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

WHEATLEY & WARD, King City, Missouri

Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. Nissen, Meservey, Cerro Gordo Co., Iowa

When writing to advertisers please mention this paper.

DUROC JERSEY HOGS.

A FEW CHOICE GILTS

Bred to Hanley 42345 and Helen's Tip Top Notcher 47489

THE highest priced Duroc Jersey boar ever sold at auction. The sows will farrow in March, April and May. Write for prices and descriptions. Address,

McNEIL BROS., - BOWEN, ILL.

Kindly mention Homestead when writing.

FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & McCABE, Hersman, Brown Co., Illinois

KENTUCKY'S NOTED Duroc HERD

COMMODORE 13381, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d. Brood sow sale, Louisville, Ky., February 22. Write for catalog at once.

Amos W. Harris & Sons, - Waverly, Ky.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and littered all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, CEDARVILLE and XENIA, OHIO

CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

U. G. DAVIDSON, MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

50 Duroc Jersey Sows.  
3 Proud Advance Sows  
4 Orion Sows  
Will be sold in Our Sale at  
LYONS, NEB., February 27, 1907  
Jno H. Tryon & Son, Lyons, Neb.

Shamrock Herd of Duroc Jerseys

OFFRIZE WINNING sires and dams. Have a few boars left and some sows and gilts.

F. M. ERSCHEN, Odell, Illinois

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

DUROC JERSEY HOGS.

KRASCHER'S Duroc JERSEYS  
150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.  
FRED KRASCHER & SON, MACON, ILL.

Smith Brown's Duroc Jerseys

THIS home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimison Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.  
F. E. Garrett, Lohrville, Iowa.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April furrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.  
R. D. 1 JOS. SKINNER & SON, BEDFORD, IA.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL - BLAIR NEB.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.  
JAMES T. DOLLISON, SAC CITY, IOWA.

Prize-Winning Durocs

I HAVE a few royally bred gilts that I will price right, if taken at once. They are good ones. Write me for particulars.

E. K. YOUNG & SON, Havelock, Neb.

DUROC BRED SOW SALE, FEB. 13, 1907

HERD boars King Top Notcher 38703, 2d prize senior yearling at Des Moines, '06, Crimison I Am 43105, by Crimison Wonder H. A.'s, Choice Goods 51197, by W. S. A.'s Choice Goods, mated on the tops of over 60 head to pick from. Address,  
H. A. SEXSMITH, GREENFIELD, IOWA.

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendole Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

ELM LAWN Durocs.

BRED sows and gilts for sale. They are the get of Elm Lawn Orion and Elm Lawn Top Notcher and are bred to these boars, where blood lines permit. Some bred to Smasher II. Write your wants.  
CHAS. SOBOTKA, Calmesville, Mo.

PILOT LAD 15153.

2D prize under year Duroc boar Illinois State Fair, 1905, for sale. Fall boars of herd leader type, also a good lot of fall sows and spring pigs at reasonable prices.  
L. H. Brynn, R. R. 1, Neponset, Ill.

L. H. ROBERTS & SON, PATON, IA.

Choice Duroc Jerseys

FOR SALE at all times, stock of the most approved character, largely of the type bred and sold by the late Wm. Roberts & Son. Visitors welcome at all times.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

FOR SALE—Forty Duroc Jersey bred sows and gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free livery, Buckeye, Iowa, mail, Alden, Iowa. J. V. Briggs.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

WOLF CREEK HERD OF Duroc JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

FOR SALE—Duroc Jersey gilts bred for April and May farrow to Golden Tip 17911A, also a few late male boars, sired by Red Champion 12551A. Prices reasonable. Write F. Bowman, Eldora, Iowa.

SPRING boars sired by fancy Crimison Wonder. S. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. W. A. Kirkpatrick, Lincoln, Neb.

CHOICE BRED GILTS Bred to extra good boars and safe in pig. Prices reasonable. Address, Frank Warwey, Mt. Pleasant, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

CHOICE, YOUNG Duroc JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

**BRED SOWS**

Duroc Jersey sows and gilts, bred to farrow in February, March and April. Send for our catalogue that gives pedigrees and particulars, and contains plans for hog houses, plans for dipping plants. Catalogue and booklet for 30 days for

attached corner. The Roycroft Farms, Des Moines, Iowa

Please send me catalog of boars and sows, and booklet on breeding hog, plan of hog house, plan of dipping plant, and calendar showing period of gestation in farm animals.

**CUT OFF THIS CORNER**



## DUROC JERSEY DOGS.

## GOLDEN DUROCS

WE OWN one-half interest in World's Fair champion boar 'Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

J. C. PORTER, OGDEN, IOWA  
Duroc Jersey Boars, Gilts and Tried Sows

OF the prominent lines of blood and of good individual merit. I have a few young boars of May litters carrying the blood of Old Advance and Orion. They are in nice shape and will go at moderate prices. Also some gilts of March and February litters, bred to a very good grandson of 'Tip Top Notcher, the St. Louis champion. They will farrow in March and April. Also a few yearlings and tried sows that should prove a good investment. I feed with a view to prolificacy. Farm in edge of town. Call or write.

## RED OAK HERD

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. They are safe and ready to ship. They are sired by 'Tip Top Notcher's Model 37663. You will hunt some before you expect his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern. J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

## 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one. MANLEY & CO., LYONS, NEB.

## 40 TOPPY DUROC JERSEY BOARS 40

Sired by Junior Jim, 2d prize winner at Des Moines, Glenduke Critic, 2d prize boar at Nebraska state fair, and Long Alex, litter brother to the sweepstakes sow Alex H. Good ones. AUSTIN KENSHAW, Blair, Neb.

## Fashion Improver Jr. at Head of Herd.

I HAVE several choice spring male pigs that will be priced to sell. I sell at private sale and these must go. Sired by Fashion Improver, winner at Nebraska State Fair '05. Will make good price on young gilts as well. Write today. F. A. Kruse, Waco, Neb.

## BOARS! BOARS!

BY 'Tip Top Notcher, 'Tip Top Notcher, Chief, Ambition, Hanley, Big I Am, and other noted sires at reduced prices. Write for descriptions. H. B. GRIFFITHS, Bowen, Ill.

## GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that pleases, also a few open mature sows, one a noted prize winner. Farmers' prices on boars. HODD BROS., (Swine Specialists), Lake Park, Ia.

HAVE a few good Duroc bred sows for sale, bred to Chief Knight and Imp. King. Also have a few extra good Sept. male pigs, sired by Ham's Challenger 31277. They have good length, extra broad with good bone and feet. To make room for spring pigs will be sold at very reasonable prices. F. A. Hym, Saratoville, Nebraska.

## DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Niddler's Corrector. They are of the average quality as sold in my Jan. 29th sale at an average of \$76.80, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IA.

## AVERYDALE HERDS.

Bred Sow Sale February 22, 1907  
A Few Gilts at Private Treaty.

—Send for catalog.—  
A. M. AVERY & SONS, Mason City, Ia.

## 40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S. Whineshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, KENNARD, NEB.

## PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

## 80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE.  
G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

THE farmers' kind. The best lunch we have ever raised. Boars and sows. Farmers' Prices.

## SHORT-HORN CATTLE.

## COLLEGE VIEW SHORT-HORNS FOR SALE.

FIFTEEN head of cows and heifers with calf at foot or bred to the great Scotch bull, Imp. Chatter. Also 12 young bulls from 8 to 20 mo. old by Imp. Kinellar Stamp. A. J. GRAVES & SON, Ames, Iowa

## WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## HEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as true a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address, N. A. LIND, Rolfe, Iowa

## FOR SALE: A good, growthy Short-horn bull

ready for service, at a low price. V. A. Lathrop, Marion, Iowa.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

## SHORT-HORN CATTLE.

## NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Gollman, five by Melba's Victor, one by Violin's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Gollman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead, NEW SHARON, IOWA.

## SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Murr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 16th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, Unionville, Mo.

## HUGHESDALE

REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowen 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, Trenton, Mo.

## ARDMORE SHORT-HORNS.

10 Scotch and Scotch-Topped Bulls For Sale 10

Sired by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 26904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

ARDMORE STOCK CO., Iowa

Holstein.

## MALAKA SHORT-HORNS.

Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me.

H. D. PARSONS, Iowa

Newton and Baxter,

## WILDWOOD SHORT-HORNS

ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write.

W. W. VAUGHN, Marion, Iowa

## WAYSIDE SHORT-HORNS

G. H. BURGE, Prop., MT. VERNON, IA.

## 6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

## JONES CO. HERD OF

SHORT-HORN CATTLE. Sittytton Sort 173649 Bulls Wampun of Wayside 243046

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

FOR SALE—Eight young bulls, Scotch and Scotch-topped from 8 to 18 mos. old and from such families as Imp. Generosity, Rosemary, Crocus, Strawberry and Charlotte, got by the Cruickshank Victoria bull, Craven Archer 17402; also a few cows and heifers. Come and see cattle or write. A. C. Rogers, Luwood, Lyon Co., Iowa. Yards 9 blks. from depot.

## Walnut Grove Short-horns &amp; Poland Chinas

LEAK The Way 231482, winner 1st in 2-y.-old class C and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

## 4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

## Imp. Fashion Favorite 149580

FOR SALE.

Also a few very choice young Scotch Bulls.

Address J. D. McDERMOTT, Wiota, Ia.

## FAIRVIEW SHORT-HORNS

SCOTCH bulls at reasonable prices. Fairview Royal S Bud 25937, a straight Cruickshank, Bravith Bud, two year old bull for exchange, he by Lavender Royal 135256.

M. D. YARD, CRAWFORDSVILLE, IA.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, Alhurnett, Iowa

Otter Creek Stock Farm.

## 10 Red Short-Horn Bulls For Sale



12 TO 17 MONTHS OLD.

Sired by Victoria's President 208996.

McKEEVER BROS., Farley, Iowa.

## 9 Short-horn BULLS FOR SALE

AT Pike Timber Stock Farm, from 10 to 15 months old. Three pure Scotch.

T. A. DAVENPORT, BELMONT, IA.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One lavender, two Mysies, four Bravith Buds, five Victorias, five Duchesses of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

## I. BARR &amp; SON,

Davenport, Iowa.

## CATALOG

## Of Young Bulls For Sale

Will be ready about January 20, 1907.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,

Room 316 Flynn Building,

Des Moines, Iowa

## BARGAINS IN

## SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA, or LISCOMB, IOWA.

## CRUICKSHANK

## BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## EVERGREEN STOCK FARM

## SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull I Prince Royal 175494 got by Imp. Prince Odeic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,

Vinton, Benton Co., Iowa

## 15 Cruickshank and 15 Cruickshank-Topped Bulls 15

FOR SALE—From 10 months to 2 years old. All reds but one roan. Mostly all sired by Baron Kear 2d 138495. They are the most valuable lot for herd headers that we ever had at any one time. If you want a herd bull send for our bull catalog and come and see them.

OWENS BROS., Homestead, Iowa

## CHOICE SHORT-HORN CATTLE

FOR SALE.

I HAVE for sale both bulls and heifers—some choice Short-horn, sired by Scottish Baron.

Address, J. H. MOYER, Newton, Iowa

## SHORT-HORN CATTLE.

## NOVINGER &amp; SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,

Kirksville, Missouri.

## Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Houn Archer heads herd. Write for private catalog.

W. H. SCHAFER,

KEANSBURG, ILL.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evers, It. No. 1, or Gus C. Seaman, R. It. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE live extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

OTHOLD BOYD, Virginia, Neb.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schroterberger, New Lenox, Ill., or Gardner, Ill.

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or write, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

## LARGE YORKSHIRE HOGS.

## Large, Improved English Yorkshire Swine.

F. Rabeler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made live importations. Oak Lodge Minstrel 8th 1855 and O. L. Fusilier 6443, two imported boars and Minstrel Emperor 7035 at head of herd. Stock for sale at all times. Call for stock not akin. Now booking orders. Write us at once.

## LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,

Box 2, Lake Park, Minn

## BERKSHIRE HOGS.

## Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

Address,

GEO. S. PRINE,

Oskaloosa, Iowa

## Heavy Weight Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, black legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

W. D. McTAVISH, COGGER, IOWA.

## BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,

E. H. DANCER, Lamoni, Iowa







## HORSES.

## THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props.  
Lafayette, Ind.

Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 championships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equalled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

J. CROUCH &amp; SON.

Departments:

Sedalia, Mo. Nashville, Tenn. Seattle Wash. Sacramento, Cal.

MILLER'S  
IMP. PERCHERONS  
AND  
FRENCH COACHERS.

Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.

S. J. MILLER,

KIRKSVILLE, MO.

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## 21 IMPORTED STALLIONS 21

FOR SALE—I have recently landed from Belgium, (everything considered), the choicest bunch of imported Belgian stallions and mares that I have ever owned. They range from two to five years old. They are blacks, bays and rouins.

Address, E. H. KNICKERBOCKER, Fairfax, Iowa



## 80 STALLIONS

THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

A. LATIMER WILSON, CRESTON, IOWA



## H. LEFEBURE'S BELGIANS.

Best and largest collection of Belgians in America, imported and home bred; 3 mi. west of Cedar Rapids on 2 railroads. The greatest Belgian horse market in America. Cedar Rapids and Iowa City elec. car passes 3 mi. E. of farm every hour. Come and see or send for catalog.

H. Lefebure, Fairfax, Ia.



## Percheron Stallions and Mares For Sale

I AM the breeder of Glades, second prize winner at the St. Louis World's Fair, the largest two-year-old mare in the world. My three-year-old stallions weigh 1,850 to 1,900 lbs. I also offer my herd stallion, a jet black, 2360 lbs.

NICHOLAS STAMM, Letts, Iowa

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdum & Wheeler, Fairfield, Iowa

## FOR SALE OR EXCHANGE.

A GOOD Belgian Stallion. Will sell at a bargain or exchange for another Belgian and pay difference. Ant. Vanderwaul, Pella, Iowa.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

A PERCHERON stallion for sale. Imported, color black, coming 11 years in spring. A sire breeder, weight about a ton. Write L. Mansdum, Pella, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

McLay Bros.  
Clydesdales

Janesville, Wis.

THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition for a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to

Send For New Catalog.

FOR SALE.  
Percheron, Clyde  
Stallions and Mares

At prices all can buy.

Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired.

Address, A. H. BRETT, Mason City, Iowa

5 Black  
Percheron Stallions 5  
FOR SALE.

ALSO have a corking good three-year-old gray stallion. Horses are two-year-olds and over, and prices are right. Address,

J. S. GOLDER, Scribner, Neb.



CLEANING UP SALE  
of the  
J. H. Barnett Estate.  
10 PERCHERON  
and  
FRENCH DRAFT  
STALLIONS  
At a Sacrifice.  
Indiana, Iowa

Write L. C. BARNETT,

## HORSES.

His Majesty, King Edward VII, of England,  
and Lord Rothschild's Exhibit of Stallions Were  
Purchased by ROBERT BURGESS & SON at the  
International Exposition at Chicago, 1906.

Winnings 1906 Demonstrating to the Public the Superior Quality of Our Stud:

Champion Percheron Stallion  
at the Kansas state fair.Champion Belgian Stallion  
at the Kansas state fair.Champion Shire Stallion  
at the Illinois state fair.Champion Shire Stallion  
at the American Royal, Kansas City.Champion American-Bred Percheron Stallion  
at the American Royal.First Best Five Percheron Stallions  
at the Kansas state fair.First Best Five Belgian Stallions  
at the Kansas state fair.First Best Five Shire Stallions  
at the Illinois state fair.Second Five Best Belgian Stallions  
at the Illinois state fair.First Best Five Shire Stallions  
at the American Royal, Kansas City.Second Best Five Belgian Stallions  
at the American Royal, Kansas City.Second Best Five Percheron Stallions  
at the American Royal, Kansas City.Champion Shire Stallion  
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VOL. LII. NO. 9.

DES MOINES, IOWA, FEBRUARY 28, 1907.

WHOLE NO. 2589

## KEEPING UP SCALE IN ANIMALS.

There are several difficult problems that must be constantly met by the man who breeds pure-bred animals, but it is doubtful if any one causes the average breeder as much anxiety as the one relating to the maintenance of scale. The animal that is finished for the block, suited exactly to the taste of the purveyor of meats, is only in a measure the kind and type that is needed to keep up stamina in the herd.

A little incident occurred a few weeks ago at the annual meeting of the interstate breeders' association, held at Sioux City, Iowa, which illustrates the point we have in mind. Prof. Andrew Boss, of the Minnesota Station, was on the program for a live animal demonstration. Two Short-horn bulls were led into the pavilion to be used as the basis of Professor Boss' remarks. One was a thick set, blocky fellow, fleshed just about where the flesh ought to be and he displayed, withal, typical Short-horn character. His head and horn, if anything, were over-refined, but, all in all, he was an individual that pleased the eye wonderfully well.

His ringside mate was heavier in the bone, a little coarser in the head, rather more openly built in the frame and not quite so well fleshed. He at once impressed you as being a little on the coarse order, and was, in the opinion of practically every man present, rated below the other bull. These bulls were supplied by the Pure Bred Cattle Commission Company, of Sioux City, and when a member of this company was asked which bull would sell for the higher price without reference to pedigree, his reply was that the coarser bull would outsell the other—that the coarser type always sold more readily than those of the more refined type. This reply was significant. While, as said before, those present would readily place the refined bull above the other, yet at the same time the general discussion brought out the fact that in the opinion of many who were present it required the coarser type to keep up the

scale, constitution and general robustness of character in the herd.

Turning to the hog we find almost the same condition of affairs. Unless men take special pains to emphasize the matter of not only strength of bone, but quantity of bone in their males, their herds constantly tend to become too fine. One of the first results of over-refinement is the breaking down on the pasterns, and of course a hog that is not active on his feet under any weight is not a desirable hog to breed from.

Now, the problem is to know just where to draw the line between what might be called "medium" and "coarseness" of bone and frame. As we size the situation up, it is simply this: The feeding of corn, either to hogs or cattle, has a refining influence on the frame, for the reason that in actual composition corn lacks in flesh-forming and bone-forming material. This tendency toward refinement induced by feeding must be counteracted by one's method of breeding. None of us from choice like the coarse animal, but prefer the well-fleshed, smooth individual whether it be male or female. Nevertheless, it behooves the average breeder of the corn belt to use on the male side of the herd just a little more stamina and a little more bone than is desired in the animal

that is fitted for the block. This being the case, one cannot always secure just that smoothness of shoulder, neatness of head and horn and tidiness about the hip bones that so meets one's fancy in an animal finished for the block. Of course it goes without saying that we desire them as smooth as possible on these points, nevertheless the problem is to choose between the neat, well-fleshed, refined and handsome individual and the one of a little rougher contour.

Our advice would simply be this, get as much finish and quality as you can, but above all things keep them up in scale and constitution. In order to attain the latter, one may have to sacrifice a little on the former.

## THE ACRE IS THE UNIT.

We expect to have a good deal to say during the next few months on the subject of preparing the seed bed for grain. As a general proposition we have not yet learned to get the most out of our soils, for the reason that cultivation is hardly carried far enough in most instances.

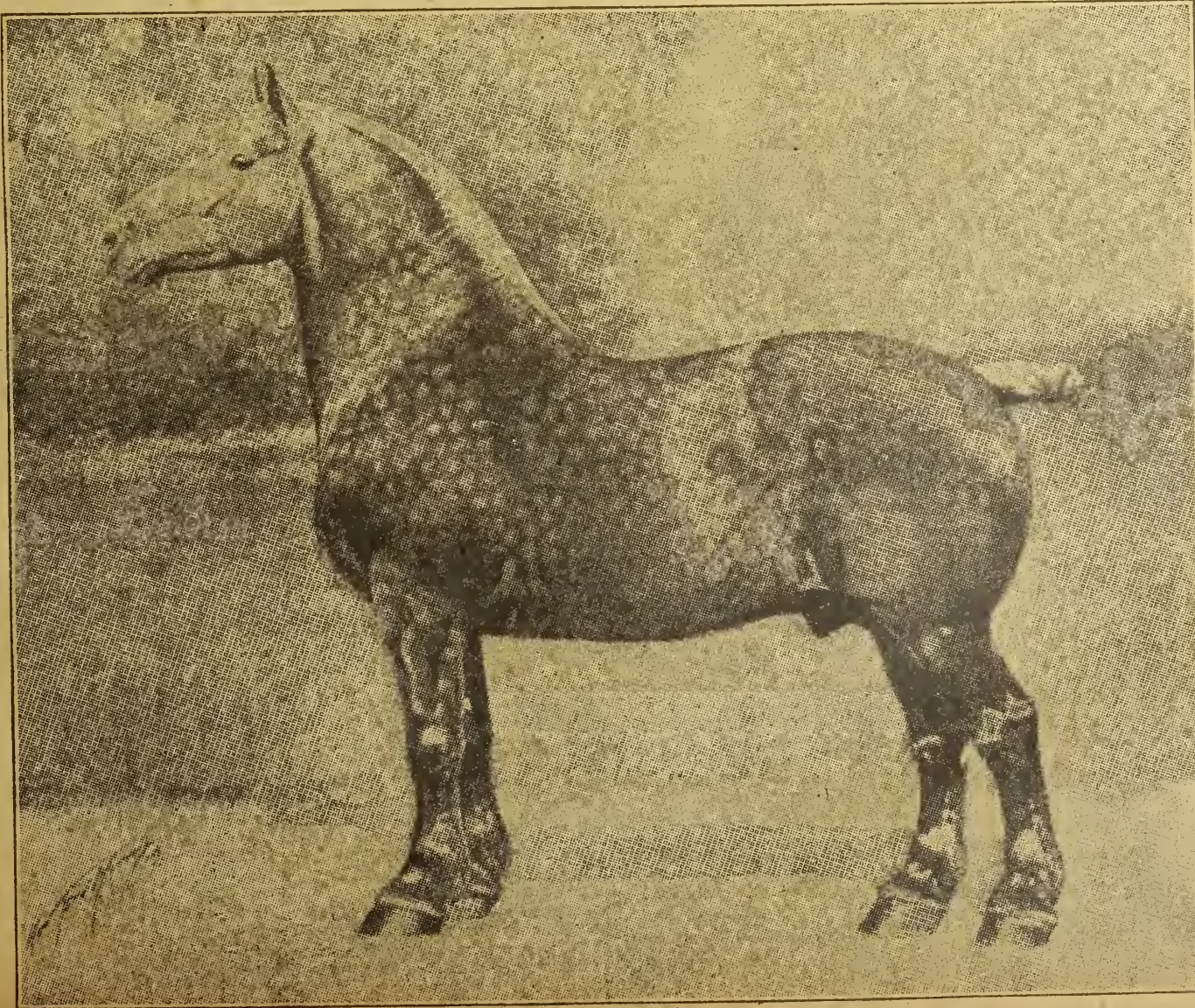
Sometimes the study of an individual character will throw a good deal of light on a single important problem, or even on several important ones. We will give

a little attention now to an individual of our acquaintance. For a number of years this man has been farming a comparatively small acreage. His corn crop amounted to not more than forty or fifty acres annually. His practice has been to put in his crop in what we always have thought a rough-shod manner. Where a good farmer would plow three acres a day and do it well, this man when he started to put in his crop would plow at least five. He would prepare with a disk, in his way, about as much land in a day as a good farmer would in two.

Generally, this individual's corn land was plowed, disked once, harrowed once and then planted. It was the intention to work down the seed bed in good shape between the time of planting and the period of germination. Weather conditions have been such during the last few years that the ground was scarcely ever touched between these dates.

The cultivation of the crop was done much in the same manner—too much in a hurry for good results, and the yield, well, the yield in 1906 on land fully capable of producing sixty bushels of corn per acre was a little less than thirty bushels.

The gentleman whom we are describing had large ambitions and grieved over his lot, that he did not have a larger acreage under his control. He thought that his profits were small because his farm was small, and recently he has, in his estimation, solved the problem. He has rented a 550-acre farm and no doubt expects to do wonders in years to come. We know, without waiting to see the result, that this man will be no better off at the end of next year on his big farm than he was on a farm of 120 acres. We say this because we know that he does not realize that the acre is the unit in crop production. One must handle his land so that every acre under crop is made to do its best. If it is the putting in of corn on old stalk ground it will pay, and pay well, to disk the surface once or twice before plowing. After the ground is plowed it will pay always to work it down well.



Imported Percheron Stallion, Velo (52877) 41474, owned by Messrs. J. Crouch & Son, of Lafayette, Ind. See Field Notes.



the soil is firm and fine. If weeds come on before planting is done, the disk should be used, but in any case see to it that the harrow is worked full time. One can raise corn at a much less cost per bushel when an acre is made to produce eighty bushels than can be done when it requires two acres to give this amount of corn.

We understand perfectly how the work sometimes rushes us, but on general principles it will always pay when you get into a field to do the work just as if it were the only field on the farm. Of course we believe in good, snappy action and in making the horses put in faithful days' work, but we insist that the weak link in the agriculture of the corn belt is that men are in a much greater hurry to get their crop in than is necessary.

Instead of jumping from the 120-acre farm to the 550, we like the thought of going the other way, and indeed, with the present labor problem staring us in the face, it would appear that our main study must be how to make a smaller acreage produce the same yield that we are now receiving from our large acreage.

### LARGE PREMIUMS FOR CORN.

The officials of the Iowa State Fair believe in the encouragement of those who are striving to improve the character of the corn crop. At this year's fair, which will be held from August 23d to 30th, the sum of \$1,273 will be paid out in premiums for corn alone.

The state will, as usual, be divided into the northern, southern and central sections and in each section twelve premiums will be given for the best ten ears of white corn, also for the best ten ears of yellow; for the best single white ear and for the best single yellow ear. Then of course there are a number of cash sweepstake prizes.

The corn for the 1907 fair must be chosen from the crop of 1906, with the exception of sweet corn which is taken from the crop of 1907. We desire that our readers who are growing good corn keep the matter in mind and before shelling the seed for this year's crop take the time to select a good sample to enter at the state fair. It is no small honor to win at a contest of this kind, and whether you win or not, the very fact that you take sufficient interest to enter will fully reward you for all your efforts.

### New Galloway Herd Book.

Volume 16 of the American Galloway Herd Book is now ready for distribution. It contains numbers from 2701 to 2900, made up of 1,115 cows, 880 bulls and five steers. It is illustrated with the noted show celebrities of the breed in 1906 and contains a copy of the association's charter, constitution, by-laws, scale of points, tabulated list of prize winners and the secretary-treasurer's report for 1906. For a copy of this herd book address Sec. Chas. Gray, Exchange Bldg., Chicago, Ill.

### Keeping up the Fertility Supply.

To the Editor of The Homestead:

The day has gone by when the farmer is considered the most ignorant of citizens; in fact, farming today is more of a science than any other occupation if handled rightly and as it should be. Much has been said in regard to the maintenance of soils, but the half has not been told. It is one of the most vital questions of the day.

The history of this country will be the same as other older countries so far as fertility of soils is concerned, and if we feed the people that we will be called upon to feed in the near future we must surely raise more per acre than we do now. Our soils, in my estimation, are like a bank account—if one keeps drawing on his bank account and restores nothing to it, it will soon exhaust itself. It is the same in regard to the soil. Just look at the people everywhere who are getting their living from the soil with practically nothing restored to it. In a very few years all the land in the United States that is worth anything will be utilized, and in Iowa forty to eighty acres will be a good-sized farm, and we will raise as much on eighty acres as we do now on 160 acres. The sooner we come to understand the elements that must be maintained in the soils, the better off we will be.

I have been much interested in the articles printed in your paper in relation to the effect of farm-yard manure on soils. In my estimation the time

has come when we must compute the value of farm-yard manure in cold dollars and cents. The maintenance of the fertility of our soils so that we can make it pay on \$75 to \$100 per acre land is a vital question. I believe the majority of farmers do not study agricultural chemistry as they should today. We find out from experience that we cannot raise the amount of bushels (under favorable conditions) on a certain piece of land that we desire, and it is always an expensive teacher. We should know through analysis of the soil just what elementary body of the soil is lacking and take pains to restore that element. In order to do this successfully we must make agricultural chemistry a study. The fertilizing elements must be maintained in sufficient quantities in the soil in order to produce good crops.

Different crops take away different quantities of these ingredients and in different proportions; according to the quantity of fertilizing elements carried off, the crop is said to be more or less exhausting. Some crops are especially rich in nitrogen, others in nitrogen and phosphoric acid, while others are rich in potash. The system of fertilization to be adopted must be governed by this fact, as well as by the character of the soil and its condition of fertility. This is one of the main reasons why the adoption of a system of rotation of crops is advantageous. The same crop grown for a number of years on a piece of land will take away the same fertilizing elements every year, thus reducing the contents of these in the soil to below a limit where profitable crops can be grown.

Manure may be regarded as a food for plants, and this must be composed of the same elements as the plant itself, although they may exist in quite different forms and proportions. The adoption of manures in the raising of a given crop can only be learned by first acquiring a knowledge of the constituents of the crop itself. A field, as before mentioned, may be fertile in regard to one crop and barren in regard

to another. The defect in a soil which renders it poorly adapted to produce a given grain may often be readily supplied by a small expenditure of money, provided the particular defect is well understood by the farmer. In fact, I don't believe there is one farmer in fifty that has manure enough to keep his farm up to the high state of fertility that it should be in order to make it profitable. We must crop our land so as to restore as much as possible the elements that are lacking. For instance, if nitrogen is lacking, we should raise clover, peas, beans, or something of that nature that will not deprive the soil of any of its stores of nitrogen.

W. E. Goodlander.

Chickasaw county, Iowa.

### Warming Feed for Hogs.

To the Editor of The Homestead:

I have seen so much in your paper recently about warming feed for hogs that I thought I would like my little say on this subject.

In the months of August and September, 1905, I had sixty-five pigs farrowed from eight sows and I was in a quandary what I would do with them without something in which to warm slop for them. We have a feed house with a ground floor, so we bought a large sixty-gallon kettle and dug down about six inches in the floor and filled up level with earth and brick and then took brick and laid up a good fireplace under the kettle. It is best to start a chimney on the ground and have a place in front 8x12 feet for a door. Use a piece of sheet iron for door and have a blacksmith make two hinges and a latch and have a mason set in the brick. A good mason will do the work in a day and it will not cost over \$20, kettle and all. This is far ahead of anything I have ever seen. The fire goes up all around and holds the heat a long time. One fire a day is sufficient and a basket of cobs thrown under will warm sufficiently to feed.

Waucoma, Iowa.

A Subscriber.

## THE GROWING OF COW-PEAS

BY A. E. GRANTHAM, AGRICULTURAL COLLEGE, COLUMBIA, MO.

The value of cow-peas is not fully recognized by the average farmer of the corn belt. The cow-pea belongs to that class of plants known as legumes comprising clover and alfalfa, and like them has the power of taking nitrogen from the air and appropriating it for its own use. For this reason peas produce abundant forage, rich in protein and leave the soil in a better state of fertility when the crop is removed. Cow-pea hay, when well cured, has a greater feeding value than red clover and has the further advantage of being produced in a much shorter time. A crop of cow-pea hay can be grown in seventy days, while fifteen months are required to produce an equal amount of red clover. Because of its quick maturity habit the cow-pea is especially well suited for a catch crop between the regular crops of the rotation. It is possible to sow peas after wheat and oats have been removed and secure a crop of hay before frost. For the northern half of the corn belt, a very short-maturing variety must be used when sown as a catch crop.

Another method is to sow cow-peas in corn at the last cultivation and pasture the crop late in the summer or early fall. Such pasture is splendid for hogs and sheep. In the case of failure of wheat, oats or clover, cow-peas may take the place of the main crop for the summer. In whatever manner the peas may be grown they leave the soil richer and a marked increase will be noted in the following crop yields. Where a green manure crop is desired for plowing under cow-peas are very satisfactory, provided enough time elapses between plowing under the crop and fall seeding to enable the ground to settle well. It is generally better economy to take off the crop as hay, or pasture it down if the fall sowing of grain is planned. Cow-peas are not difficult to grow. A warm, moist, well prepared seedbed is necessary to insure prompt and uniform germination. When the peas are sown with wheat drill the plants must come through the soil promptly and evenly to insure the smothering of weeds. This method of sowing will not admit of cultivation, but is rather generally prac-

ticed where large areas are sown. Drilling as for wheat will require from four to five pecks of good seed per acre.

Another method commonly used where the area is limited, or where a saving of seed is desired, is to use the ordinary corn planter with drill attachment. Drill as for corn, dropping the peas six to eight inches apart in the rows, and about two inches deep, or at a depth sufficient to secure proper moisture. When field is finished go over the second time straddling every other row, which will leave the rows about twenty-two inches apart. Cultivation should begin early and two or possibly three times going over the field will be sufficient to keep the weeds down until the plants have spread enough to fill the row. Do not cultivate after the plants begin to vine. In general, the cultivation of peas is very similar to that for corn and can be accomplished with the same implements. When drilled six to eight quarts of seed per acre will be required. Peas may be planted at the same time with corn. They will climb and envelop the stalk so that the two may be pastured in fall or winter, or may be cut with binder and fed the usual way.

When peas are the main crop for summer they should be planted about two weeks after ordinary time for corn planting. Care should be taken to have the ground thoroughly warmed as the peas will rot very readily in a cold, wet soil. When sown after wheat or oats for hay or pasture it is generally better to sow with wheat drill. The yield of hay from this method of sowing is hardly so heavy as when cultivated, but the vines are not so coarse. On the other hand cultivated peas produce more pods and a coarser stemmed hay.

The variety of cow-peas to use will depend on the length of growing season and the purpose for which it is grown. The Whippoorwill is one of the best varieties for the general grower and will mature in about seventy-five days. It is recommended for a main crop. The New Era will mature under favorable conditions in about sixty-five days and is the best variety to sow as a catch crop after wheat or oats.

Peas should be cut for hay when the

**\$5.95**

Freight Prepaid

Is all I ask for the

**Galloway Bike Harrow Cart**

Orders From Farmers Only Accepted



That's less than your dealer pays for the cart he handles. I was about to say "the cart he sells" but I'm not sure he sells any. He won't sell you one if you read this advertisement through to the end.

And I'll tell you why. In the first place he can't sell you as good a cart, for I do not sell my cart to dealers. Dealers can't get them. I know all about this dealer business and how every farmer has to pay from 30% to 70% more for his goods, as I was a dealer myself once. But before I was a dealer I was a farmer and so I stick to the farmers. Many's the day I've walked behind a harrow with tired legs and my mouth full of dust.

I guess that's the reason I'm so enthusiastic about my harrow cart. Another reason is that I can save you money. I am going to save you from \$2.00 to \$4.00 on the best harrow cart made. That means that 30% to 70%, I can't help feeling that you will appreciate my doing this.

Wait a minute now. Don't take my word for anything but send for my book, "The Proof of the Pudding." In that book farmers who have used my harrow cart answer these questions.

- Is it good value?
  - Does it save time and labor?
  - Can you do more and better work?
  - Is the draft light?
  - Is it strong?
  - Does it work properly on hillsides?
  - Does it follow the harrow all right in turning?
- All these questions are answered, not by me, but by men I never saw, and who never saw me,—men who have used my Bike Harrow cart, and know just how good it is.

Now about my price. \$5.95—that's it, five ninety-five, freight paid. I have to laugh.

When I hear this talk about the implement trust and the dealers,—and those fellows selling harrow carts for \$8.00 and \$10.00 I just chuckle to myself.

Talk about forcing me to do this or that—they can't force me to do anything.

I am dealing direct with the farmers and they are the fellows who have the money. But to get back to the harrow cart. Send me \$5.95 and I'll send you the cart, freight prepaid. Try it—at my expense. If you don't want to keep it send it back at my expense and I'll refund you \$6.00—that's what you paid me and be for postage.

Write today, send an order. If you're not quite sure send for my booklet. A postal will bring it. Don't go through another summer's work without one of my New Galloway Bike Harrow Carts.

*Wm. Galloway*

President of William Galloway Company,  
105 Commercial St., Waterloo, Iowa.

oldest pods have turned yellow. Begin cutting after the dew is off if conditions promise a period of fair weather. Leave in swath until well wilted, but do not allow the leaves to become dry and brittle. If the vines are heavy stir with a tedder. Where a tedder is not available rake into windrows which may be turned as the upper side dries. Or, the peas when wilted, may be put up in small cocks as high and as narrow as can be built to stand well. This will allow circulation of air and the peas will cure with bright color and retain most of the leaves. Peas in cocks may stand out a week and will take considerable rain without much injury. As soon as dry, however, the hay should be stored in a dry place.

Peas intended for pasture should be allowed to ripen several pods before turning in the stock. The peas have their growth by this time and are not so readily wasted by tramping.

The yield of pea hay will vary from one to three and a half tons per acre, while eight to twenty bushels of seed per acre is an average crop.

### THE DENNING FENCE EXHIBIT.

The Denning Wire & Fence Co., of Cedar Rapids, Iowa, was one of the conspicuous exhibits at the Iowa Retail Hardware Association meeting held in Des Moines last week. Our readers are well aware of the fact that this company manufactures all kinds of wire fencing and portable corn cribs. They have made a specialty of gates. In addition, and the company today is putting on the market some of the most attractive as well as the strongest gates, price considered, that are obtainable. Their six-sided revolving fence, showing the various patterns of fencing made, attracted a large share of attention last week, but not more than was deserved. Those who are interested in fencing this year should write the Denning Wire & Fence Co., Cedar Rapids, Iowa, for their new catalog, and please mention The Homestead when writing.



## Farm Furrows

Turned by a Practical Farmer.

Procrastination cost many a man his supply of ice this year.

Men worry about their money and women about their boys and girls.

Nearly every farmer has figured out an interurban line that will pass right by his front yard.

It takes more study to turn crops into cash to the best advantage than it does to raise them.

They have a Thaw in New York that is causing lots of gossip. We have a "thaw" out West here, too.

If filth could be as easily detected in milk as in clear water there would be fewer careless milkers.

An old case knife, a rag and some kerosene are great helps in removing axle grease from plows and shovels.

The tax assessor is certainly an inquisitive fellow. Of course one always has to put up with him the best he can.

A good many people are wanting to know how to measure hay in the stack. I think a much better way is to measure it over the scales.

The theory and practice of agriculture are coming closer together every day. There is no conflict between the scientific side of things and the common-sense side of things.

Soon the chug wagons will be terrorizing drivers on the country roads. It will give the newspapers something to talk about and maybe some of the legislators something to think about.

Those who have found that feeding the refuse from distilleries to milk cows increases the butter fat content in milk might try feeding beets and red paint to white steers to change their color to red.

There is another question on which I find myself in the lonesome minority; that is on the question of hours on the farm. I think that the person who starts off at five o'clock in the morning should have his work completed by 6:30 in the evening. I not only think this, but I know it can be done and the work kept well in hand also.

I generally concede that the majority are right, but on one proposition I will not yield. The great majority of farm-

## CONSUMPTION

### BRONCHITIS and CATARRH

### CURED.....FREE

TRIAL TREATMENT OF CONDOR INHALATION (California's marvelous discovery) sent to any one afflicted with Consumption, Catarrh, Bronchitis, Asthma, or any nose, throat or lung trouble, to prove that a cure can positively be made at home, without change of climate, loss of time or stomach dosing.

CONDOR INHALATION quickly and directly reaches the affected parts and permanently cures pain in chest or between shoulder blades, raising matter, constant spitting, lingering colds, hoarseness, chronic coughs, tickling in throat, loss of taste and smell, flushed cheeks, night sweats, chills, fever, hemorrhage, foul breath, stuffed nose, head noises, sneezing, shortness of breath, choking, gasping, wheezing, loss of vitality, strength, weight, etc.

Inhaled through mouth or nose, the heated, medicated vapor arising from burning pastilles penetrates to every nook and corner of the air passages and lungs, disinfects and rebuilds ulcerated tissues, loosens and raises mucus, destroys and ejects poison germs, heals lung cavities, affected nasal passages and bronchial tubes, and restores health.

Write today, mentioning your disease, and we will send you free of charge, Trial Treatment, 48-page illustrated book and information about how to get well.

CONDOR CURE CO., Dept. 173 Los Angeles, Calif.

## JOIN THE UNITED STATES NAVY

GOOD PAY, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentice seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.

MAKE your own fence posts. Write for prices of the Smith Cement Post Machine. Address, Dept. B, W. Smith Grubber Co., La Crosse, Wis.

## CAN DAN PATCH PACE A MILE IN 1:54?



CRESCEUS 2:02 1/4

DAN PATCH 1:55

### 3 FEEDS FOR ONE CENT

My stallions, Dan Patch 1:55, Cresceus 2:02 1/4, Directum 2:05 1/4, Arion 2:07 1/4, Roy Wilkes 2:08 1/4, Eutonwood 2:11 and my one hundred high-class brood mares eat "International Stock Food" every day. Dan Patch has eaten "International Stock Food" every day for over four years and during this time has broken fourteen World Records and his physical condition has been marvelous. It will pay you to use it for your Stallions, Brood Mares, Colts, Race Horses, Show Horses, Carriage or Coach Horses and Work Horses because it gives more Nerve Force, Endurance and Strength. "International Stock Food" is prepared from finely powdered medicinal Roots, Herbs, Seeds and Barks and is fed in tablespoonful amounts as an addition to the regular grain feed. It is equally good and very profitable to use for Horses, Colts, Fatening Cattle, Cows, Calves, Hogs, Pigs, Sheep or Lambs, because it Purifies the Blood, Tones Up and Permanently Strengthens the Entire System, Keeps them Healthy and Greatly Aids Digestion and Assimilation so that each animal obtains more nutrition from all grain eaten. In this way it saves grain and will make you a large extra profit. We have thousands of reliable testimonials on file in our office, and every pound of "International Stock Food" is sold, by over 150,000 dealers, on a "Spot Cash Guarantee" to refund your money if it fails to do as claimed. It is used by over Two Million Stockmen throughout the world. If you desire any further information write to M. W. SAVAGE, Proprietor of International Stock Food Co., International Stock Food Farm.

HIS TRAINER SAYS DAN WILL ASTONISH THE WORLD IN 1907. WATCH LEADING FAIRS.

## Dan Patch 1:55, The Pacing King, Cresceus 2:02 1/4, The Trotting King, MARVELOUS PICTURE OF WORLD CHAMPIONS.

THIS BEAUTIFUL PICTURE IN 6 BRILLIANT COLORS MAILED TO YOU FREE.

We have just published a large, colored lithograph of the above Photo-Engraving, which shows our World Famous Stallions, Dan Patch 1:55 and Cresceus 2:02 1/4 in an Exciting Contest and at Extreme Speed. The picture is 16 by 21 inches and shows both horses in their natural colors and as life-like as if you saw them racing on the track. You can have one of these Large and Beautiful Colored Pictures of the Two Most Valuable Harness Horse Stallions and Champions of the World, Absolutely Free and we will prepay the postage. This picture was made from life and every lover of a great horse should have one, as it is pronounced the best motion picture ever taken.

WRITE FOR ABOVE PICTURE AT ONCE.

1st, Name the paper in which you saw this offer. 2nd, State how much live stock you own. We will then mail the picture promptly.

INTERNATIONAL STOCK FOOD CO., MINNEAPOLIS, MINN., U. S. A.

### THE WORLD'S MOST FAMOUS HARNESS HORSE FARM.

International Stock Food Farm of seven hundred acres, owned by M. W. Savage, is generally acknowledged to be the most famous harness horse farm in the world. BECAUSE it owns the Four World Champions Stallions, DAN PATCH 1:55, Champion Pacer and Fastest Harness Horse in the World. CRESCEUS 2:02 1/4, the Champion Trotting Stallion of the World. ARION 2:07 1/4, the Champion 2 and 3-year-old Trotting Stallion to high wheel talk. DIRECTUM 2:05 1/4, the Champion 4-year-old Trotting Stallion. Also Roy Wilkes 2:08 1/4, the first stallion to beat 2:10 and World Champion for four years. All of these stallions and the one hundred brood mares and their colts are fed "International Stock Food" every day. You are specially invited to visit this farm at Savage, 10 miles from Minneapolis, and see the every day, practical results of feeding International Stock Food. 3 Feeds for One Cent.

AFTER EATING "INTERNATIONAL STOCK FOOD" EVERY DAY FOR FOUR YEARS DAN PATCH OPENED THE SEASON OF 1906 AS FOLLOWS: First Start, GALESBURG, 1:57 1/4. Second Start, DUBUQUE, 1:58. Third Start, MINNESOTA STATE FAIR, 1:58 1/4. Fourth Start, MINNESOTA STATE FAIR, 1:55.

ers make the mistake of hauling loads that are too small. I have seen men haul a thirty or thirty-five bushel load of corn ten miles when the same team would have taken fifty bushels without hurting them in the least. I like to load to the limit and let the horses take their time.

An eastern funnyman has solved an important house-wife's problem. Instead of having the men tracking mud into the house, he has them all trained athletes and as soon as they enter the door they walk in on their hands with their feet in air.

I wonder why it is that all the smart things are said by our neighbors' children and not by ours? Recently a little neighbor girl heard her father say that his father was an optimist, and surprisingly remarked, "Why, papa, I thought he was a farmer!"

A great many people think that a gray horse will do more work in hot weather than will a horse of any other color. The reason for this is that the gray hair does not absorb the heat rays to anything like the same extent as will dark hair.

The enthusiast or boomer in the live stock business is generally short-lived and a harm to the business. It is the conservative, thoughtful breeder who buys and sells for living prices that will leave the breed benefited when he retires.

There are a number of Iowa senators and representatives now in session at Des Moines who do not know how to vote on state fair appropriations. There is one item asked for, namely, \$75,000 for a swine pavilion, and if we mistake not, the people of Iowa want that pavilion. There is only one way to get it, namely, by politely informing your senator or representative by letter that it is your wish, if so it be, that the appropriation for the swine pavilion be not only favored, but fought for. Many of them are waiting for light on the subject, and we believe that our readers are the ones to shed the right kind of light on the situation.

### AMERICAN BERKSHIRE CONGRESS.

The annual session of the American Berkshire Congress was held at Springfield, Ill., February 20-21, 1907. The meeting was largely attended by the representative breeders residing in Canada and all portions of the United States. The most successful breeders, exhibitors and sellers of Berkshires, presented papers to the congress on every line of effort, in connection with the swine business, and the large number of prominent breeders present, freely participated in the discussion of every topic of interest to the practical and progressive swine breeder.

The four-day and one-evening session were devoted to the study of practical questions pertaining to the breeding, care, exhibition and sale of Berkshire swine.

The meeting can but give a great impetus to the effective campaign that has been conducted for some years past, by the more progressive breeders interested in the further improvement of the breed. A much greater increase in the demand for good Berkshires is likely to follow. A leading feature of the Congress was the enthusiastic exchange of congratulations on the present prosperous conditions and future prospects for still better demand for high class Berkshires.

There was a strong representation of breeders from the South in attendance and in recognition of the large number of good herds of Berkshires recently established in the southern states, it was unanimously voted to hold the next session of the congress at Nashville, Tennessee.

The trade of the past year has been the best on record and there was no lack of assurance in the minds of all present for a continued increase in the home and foreign demand for Berkshires.

The officers elected for the ensuing year are as follows: President, A. J. Lovejoy, Roscoe, Ill.; vice president, J. M. Overton, Nashville, Tenn.; secretary, Charles F. Mills, Springfield, Ill.

Directors: W. H. Coffman, Bluefield, West Va.; N. H. Gentry, Sedalia, Mo.; J. D. Kirk, Roanoke, Va.; G. S. Prine, Oskaloosa, Iowa; C. S. Sutton, Lawrence,

### Every Farmer and Stockman

**HIDES TANNED FOR ROBES** Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered our prices are the lowest. We guarantee satisfaction. FREE booklet on hides, also shipping tags and prices. Write today. IOWA TANNING CO. Des Moines, Iowa

**HIDES TANNED** SEND YOUR HIDES TO US They are valuable. Don't trust them to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cowles Glove Co., Des Moines, Iowa

Kan.; C. D. Woodbury, Lansing, Mich. State Berkshire associations are in successful operation in the states of Illinois, Indiana, Iowa, Michigan, Missouri, Nebraska, Ohio, etc., and there is a provincial association in Ontario, Canada.

Why Not Visit California this winter? There will be an especially low rate during March and April—colonists' second-class one-way tickets \$33 from Chicago. A corresponding reduction in rates will be made from all points on the North-western Line.

Our daily and personally conducted tours offer many advantages to the traveler, among which is our service of Pullman tourist sleeping cars, through without change Chicago to San Francisco, Los Angeles or Portland, in which a double berth costs only \$7.

First-class round-trip tickets with very liberal return limits are sold daily. Consult the nearest agent of the North-Western Line for full information regarding rates, routes, etc.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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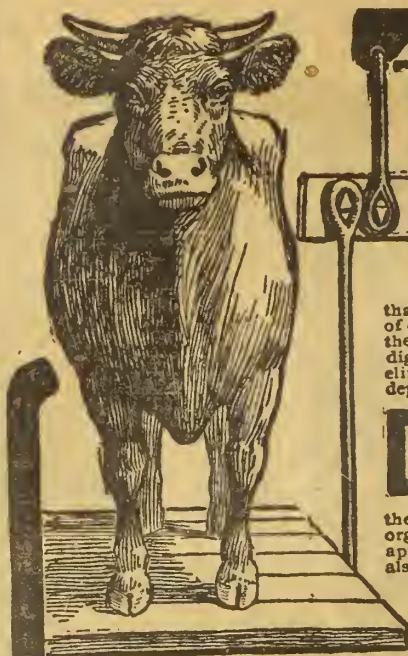
Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## PREMIUMS ON HEREFORDS.

At the recent annual meeting of the directors of the American Hereford Breeders' Association the sum of \$20,000 was appropriated for premiums at the various 1907 expositions and fairs. Premiums will be paid in thirty-two states and in addition Mexico is embraced in the list. The American Royal held at Kansas City and the International at Chicago, were each appropriated \$4,000, while Ft. Worth is given \$1,000 and St. Joseph \$300.

Arrangements were made to hold sales under the auspices of the directors at Kansas City, Chicago and Denver. At the two former places fifty head will be sold and at Denver 100 head. Members of the association will be permitted to con-



## The FINISHING PERIOD

It requires more feed to produce 100 pounds gain on a fattening steer the second six months than it does the first, and more each month thereafter than the month previous. The advantage of early marketing is evident, but early marketing requires skillful feeding. Every function of the digestive apparatus must be kept in perfect condition. The matter of growth is a matter of digestion. Crowding is always dangerous unless certain precaution is taken to assist nature in eliminating or expelling from the system, waste and poisonous residue that is sure to be deposited under heavy feed.

## DR HESS STOCK FOOD

the prescription of Dr. Hess (M. D., D. V. S.) contains bitter tonics which act upon the digestive organs, strengthening and improving them so that the largest possible amount of nutrition is appropriated to building bone, muscle, milk fat, etc., and besides looking after the supply, it also takes care of the overflow—it contains the nitrates which assist nature in expelling through the pores of the skin, and in the urine, those elements that would be harmful if allowed to linger in the system. Furthermore, Dr. Hess Stock Food furnishes iron, the greatest known blood builder, and is mildly laxative, regulating the bowels during the period of dry feeding as though the animal was on pasture, and relieves the minor stock ailments. That bitter tonics, iron, nitrates of soda and potash produce the results above mentioned we refer to Professors Quitman, Winslow, Finlay Dun, and every medical writer of the age, and sell Dr. Hess Stock Food on a written guarantee.

100 lbs. \$5.00  
25 lb. pail \$1.60

Smaller quantities at a slight advance

Except in Canada  
and extreme  
West and South

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

**FREE from the 1st to the 10th of Each Month**—Dr. Hess (M. D., D. V. S.) will prescribe for your ailing animals. You can have his 96-page Veterinary Book any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-c-c-a and Instant Louse Killer.

Instant Louse Killer Kills Lice.

tribute three head each until the requisite number is reached. The following is a detailed list of the appropriations made for the coming year:

Kansas City: American Royal.....	\$4,000
Chicago: International .....	4,000
Port Worth: Fat Stock Show .....	1,000
San Antonio: Interstate Fair .....	600
St. Joseph, Mo.: Live Stock Show.....	300
Denver: Fat Stock Show .....	800
Minnesota State Fair, Hamlin, Minn..	500
Arkansas State Fair .....	300
Ohio State Fair .....	200
Indiana State Fair .....	300
Illinois State Fair .....	300
Kentucky State Fair .....	300
Iowa State Fair .....	500
Sioux City Live Stock Show .....	300
Nebraska State Fair .....	300
Kansas State Fair .....	400
Colorado State Fair .....	300
Wyoming State Fair .....	300
Montana State Fair .....	300
Idaho State Fair .....	100
Washington State Fair .....	200
Hagerstown, Md., Live Stock Show...	200
South Dakota State Fair .....	200
North Dakota State Fair .....	200
West Virginia State Fair .....	300
Missouri State Fair .....	300
Louisiana State Fair .....	200
Tennessee State Fair .....	200
Wisconsin State Fair .....	300
Michigan State Fair .....	200
Oklahoma Live Stock Show .....	200
Mississippi State Fair .....	50
Maine State Fair .....	100
Alabama State Fair .....	100
Virginia State Fair or Jamestown Ex- position .....	500
Old Mexico (place undetermined) ....	500

### The Week in Kansas.

To the Editor of The Homestead:

This is the ending of the second week of spring, for the year 1907, in Kansas. Just what the next week will be, no man can tell, but we have enjoyed spring-like weather ever since our last letter, and that, too, during the time when Mr. Hicks was going to have one of the severest blizzards of the winter sweep the state.

All sorts of work has commenced on all sides. No one has commenced sowing spring grain yet, but plowing has been started; work of building goes on, and grain is being marketed over the fast-becoming excellent roads. To all intents and purposes, it is spring, but we feel that it may be temporary spring—that it is still too early for this fine weather to come as a season.

Corn has gone up to forty cents; that is the feeders to the west of us are now offering this price. In other localities it is not so high, but very few are selling for less than a forty-cent price. Corn is now considered by most everyone the same as cash, and there is not the hurry to sell "before the price goes down," that was noticeable a few years ago.

The public sales are being crowded in as thick as ever. One could go each day until March 1st, and then not get far from home, but attending two or three in a year satisfies us, unless there is just nothing else to do, a rare thing on this farm. Everything continues to sell

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### OUTWEARS TWO PAIRS

READ THIS OFFER

If you buy a pair of Rubberhide boots and find that they do not outwear two pairs of best quality rubber boots, we will refund to you the money you paid for them.

We say two pairs, but experience shows that they outwear three and four pairs of ordinary boots.

## RUBBERHIDE BOOTS

The Rubber Boot With A Leather Sole

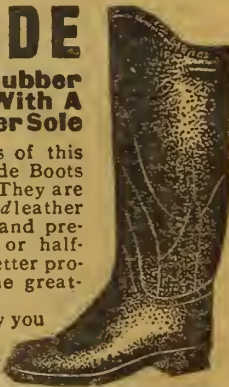
We want one thousand readers of this paper to try a pair of Rubberhide Boots at our risk. See our guaranty. They are the only rubber boots with a sewed leather sole; They keep your feet dry and prevent sweating. Can be tapped or half-soled by any cobbler. Give better protection, greater comfort and the greatest economy.

If your dealer cannot supply you

### SEND FOR FREE BOOK

and get our remarkable offer which will enable you to wear a pair of Rubberhide Boots at our risk. We send them to you express prepaid.

Rubberhide Co., 712 Essex Bldg., Boston, Mass.



## SEND YOUR HIDES TO BAYER TANNING CO.

To be Tanned for  
ROBES, COATS, RUGS, HARNESS  
and LACE LEATHER.

Practical and technical knowledge of tanning. Superiority in workmanship and finish makes our work the kind you want. Write for new price list.

BAYER TANNING CO.

1206 W. 9th St. - Des Moines, Iowa.



for high prices. No one seems to have got enough, even though the chances to do so have been numerous. At some of the sales there is the usual amount of buying on time, but at many everything changes hands almost altogether on a cash basis.

It is now barely more than a week to the first of March. Much of the moving has already been done. There are no farms left to rent, as most all were spoken for during the fall. The renter has to hunt the farm here now, instead of the farm owner hunting the renter, and then there are a few who are being left without a farm. There is usually plenty of farm-land to lease, as many farmers will have from twenty to forty acres more land than they care to farm, but the houses out on the farm, in which to live, are scarce.

The weather this evening is cooler. The wind is in the northeast, a stormy quarter, and the few clouds in sight give warning of a possible storm to come.

Henry Hatch.

Coffey county, Kan., Feb. 20, 1907.

**FUR**  
MINK  
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Fair dealing has  
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**THIS IS IT—**

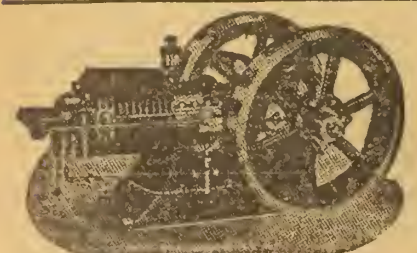
**ELECTRIC**

The wagon you are looking for; the wagon folks are all talking about. By every test it is the best—no living man can build a better. Of course you have guessed that it's the

**ELECTRIC HANDY WAGON**

Low steel wheels; wide tires and durability and good service written all over it. Don't be talked into buying an inferior. Get the wagon that lasts. Or we'll sell you a set of Electric Steel Wheels and make your old wagon new at slight expense. Spokes united with the hub; absolutely impossible to work loose. Sold on a money-back guarantee. Their saving in time, labor, horse flesh and repair bills will pay for them in a single year. More than a million and a quarter in use. All we ask is a chance to tell you more about them. Drop us a line, we'll do the rest. Catalog free.

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Sizes 2, 3 and 6 H. P.

We keep our cylinder cooler than it can be kept by water or oil. We have no frozen up water jackets or burst cylinders in cold weather like the old styled water cooled engines. Write for catalog and price list.

GADE BROS. MFG. CO., North Iowa Falls, Ia.

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ALL American producers are interested in obtaining better markets. A company has been organized among producers combining economy and financial strength for marketing agricultural produce by modern methods, centralizing their business in fewer hands, shipments going direct from the producers to the car lot consumers, thus obtaining higher prices in the best markets of the world. Should you be a producer or shipper of stock, grain, fruit, hay, straw, etc., interesting details will be forwarded.

UNITED EXPORT & IMPORT CO., Ltd.,  
DE KALB, ILLINOIS.

We want responsible parties to sell shares. We make liberal terms.

**CLOVER SEED** Famous Madison Co., Ia., grown over seed from any other section. A delight to the lover of pure seed. \$8.50 and \$9.00 per bushel. Fancy timothy, \$2.00 per bu. Shipper holding 2 1/2 bu. Be quick; supply limited. Write for samples. Miles Young & Co., Winterset, Iowa.





## What a Bare Spot Means

Watch closely for the first indication of lice on cattle. Don't wait till they are infested, and rub themselves bare in their misery. The wisest course is to dust Instant Louse Killer into the hair along the back, and at base of tail and horns, whether you see signs of lice or not. If there is a louse on the animal this powder will kill it.

## Instant Louse Killer

does it's work thoroughly—kills lice on poultry, horses, cattle, ticks on sheep, bugs on cucumber, squash and melon vines, cabbage worms, slugs on rose bushes, etc. It is also a standard disinfectant and deodorizer. Guaranteed. Comes in shaker-top cans, and being a powder, may be used in cold weather as readily as in hot weather. Look for the word "INSTANT" on can, as there are many imitations.

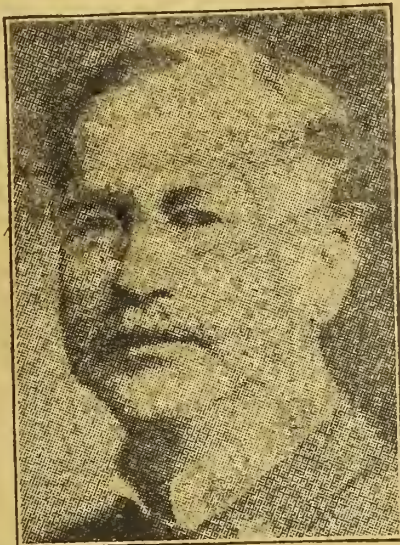
1 lb. 25c. } Except in Canada  
3 lbs. 60c. } and extreme  
West and South

If your dealer cannot supply you, we will send 1 lb. by mail or express, pre-paid, for 35c.

Manufactured by  
**DR. HESS & CLARK,**  
Ashland, Ohio.

## PROFESSOR HENRY RESIGNS WISCONSIN STATION DIRECTORSHIP.

At a recent meeting of the board of regents of the Wisconsin University, Prof. W. A. Henry tendered his resignation and asked that this be made effective at the close of the present school year. For two years Professor Henry has urged the regents to grant him this favor, but has always been dissuaded by the board in his desires. At the meeting referred to, however, the board



PROF. W. A. HENRY.

reluctantly accepted Professor Henry's resignation, so that in the future he will serve this great university in the capacity of emeritus professor.

There are but few of our readers who are not familiar, directly or indirectly, with the work of Professor Henry, who, for twenty-seven years, has been connected with the Wisconsin University, and who has, for twenty years, been director of the experiment station and for sixteen years dean of the college of agriculture.

There has been no investigator of agricultural and live stock problems who, during all this time, has been quoted more by The Homestead. Professor Henry's work began at a time when agricultural education was unpopular and was therefore not in demand. Indeed, it was scorned by the very class of our citizens whom it was destined to benefit. In few fields has pioneering been found so difficult as was the case in the field of agricultural instruction and agricultural experimentation, and our whole agricultural education system is deeply indebted to the great men who have been leaders in this work and who have persisted in it to the end. Among these men Professor Henry stands at the very top—at the top in what he has accomplished for sensible education in general and for what he has done for the agricultural interests of Wisconsin.

In a degree possessed by few in his line of work Professor Henry had the faculty of surrounding himself with strong men, than which there is no better or stronger evidence of a really great man. Such names as Babcock, Russell, King, Farrington, Woll, Craig and Carlyle are known to the world because of their work at the Wisconsin University and Experiment Station, and if Professor Henry had done nothing more during his administration than to create opportunities for these men to do their good work, his name would go down in agricultural history as one of the foremost men of his time.

But, independent of his co-workers, Professor Henry has pursued a line of investigation that has resulted in greatly benefiting the live stock interests of this country. We refer to what he has done in solving problems relating to the feeding of live stock. His work in this line culminated in the publication of his great book, "Feeds and Feeding," which has always been looked upon as the standard work of its kind. Professor Henry combined in a marked degree the rare talents of teacher and investigator, and as teacher he has done much for Wisconsin agriculture through the medium of the farmers' institute. As a worker along that line no man stands higher today and the hope of the Wisconsin people is that with the cessation of his activity, as applied to the duties of the great educational institution, there will be created only larger opportunities for him, as his health permits, to serve the people in this great and useful field.

## RUBEROID RED ROOFING

Combines beauty with the wearing qualities for which Ruberoid Roofing has always been noted.

### The Only Permanent Roofing With a Permanent Color

RUBEROID RED ROOFING is not only permanent in color, but a permanent weather proof, fire resisting roof covering; suitable for buildings of all kinds. Color absolutely guaranteed for five years. Write for samples and prices.

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SOLE MANUFACTURERS  
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Branch Offices: Chicago, Cincinnati, St. Louis, Kansas City, Atlanta, Boston.

Plaza Bird Double Lift New for 1907

**\$32.50 Complete**

## 2 BIG REASONS WHY WE SHOULD HAVE YOUR ORDER

If You are Going to Buy a SULKY or GANG PLOW

First—We absolutely guarantee this plow equal in every respect to any plow on earth, and refund your money if not entirely satisfactory to you.

Second—We save you the middleman's profit of from \$10 to \$20 as we are the only Plow Factory in the world selling its goods direct to the consumer at wholesale prices.

These plows are made of iron and steel throughout, are perfect in handling, perfection in work and light draft. Every part is backed by our thirty-six years' of successful experience in this business. Write us before buying. Secure our big free catalogue of Implements, Buggies, Harness, Steel Range, etc.

14 inch Double Shin Plows, \$8.65; 12-16 Champion Disc Harrows only \$14.95. Tell us what you want when you write. Address

**Hapgood Plow Company, 1266 Front Street, Alton, Ill.**  
The only Plow Factory in the United States selling direct to the consumer at wholesale prices.

## \$3.50 for 100 Pound Sack

FREIGHT PREPAID. NONE BETTER. WHY PAY MORE.

4 formulas, for Dairy Cows, Horses, Hogs and General feeding. If your dealer cannot supply you, send for **SPECIAL PREMIUM OFFER**. Our local agents are making money. Write for particulars, don't delay. We grind **ALFALFA MEAL**. Quotations on application.

**TONIC STOCK FOOD CO. ELGIN, ILL.**

## TENTS TO RENT

FOR STOCK SALES, ETC.

MANUFACTURERS of all canvas goods, also Slickerine, a waterproof dressing for all canvas goods.

**Peoria Tent & Awning Co.,**  
Peoria, Illinois.

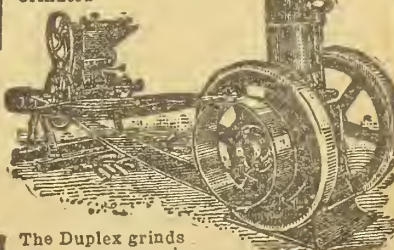
E. J. Brown Averages \$81.

The sale of Duroc Jersey bred sows made by Mr. E. J. Brown, of Osceola, Neb., on February 21st was a decided success. Although the day was very cold and bad a large crowd of breeders and farmers gathered to see one of the best offerings yet put up before the public this year. The top sow sold for \$815, she going to Mr. Smith Brown, of Waterloo, Neb. This great sow, Fancy Maid, was second-prize sow at Nebraska in 1905, second also in 1906 and promises to make a stronger show this year than ever. The entire consignment was sold at an average of \$81. Below is a list of those selling for \$50 and over:

Lot.	Name	Price.
1.	Smith Brown, Waterloo, Neb.	\$815.00
2.	E. R. Danielson, Osceola, Neb.	77.00
3.	R. N. Youngquist, Stromsburg, Neb.	72.50
4.	O. Westberg, Osceola, Neb.	52.50
5.	O. C. Dorsey, Osceola, Neb.	60.00
6.	G. E. Samuelson, Osceola, Neb.	67.00
7.	Smith Brown	100.00
8.	Con McCarthy, Henderson, Neb.	70.00
10.	John Barnes, Shelby, Neb.	50.00
11.	W. G. Unitt, Seward, Neb.	52.50
13.	Lowell Van Allen, Gresham, Neb.	52.50
16.	Geo. Steeye, Osceola, Neb.	52.50
17.	W. E. Van Sickle, Thayer, Neb.	50.00
18.	Smith Brown	62.50
19.	F. E. Merrick, Osceola, Neb.	52.50
20.	W. H. Cottrell, Osceola, Neb.	61.00
21.	Same	55.00
22.	F. C. Croker, Philley, Neb.	90.00
26.	E. Z. Russell, Blair, Neb.	70.00
27.	C. A. Curtis, Osceola, Neb.	112.50
28.	W. A. Blrth, Osceola, Neb.	28.00
29.	Jake Wernsman, Cedar Bluffs, Neb.	59.00
30.	E. R. Danielson, Osceola, Neb.	58.00
31.	Same	55.00
32.	W. H. Cottrell, Osceola, Neb.	60.00
33.	Same	50.00
37.	Ray Briggs, Fairfield, Neb.	50.00
38.	J. A. Johnson, Osceola, Neb.	50.00
40.	C. A. Curtis	55.00

## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kaffr corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

**The O. S. KELLY WESTERN MFG. CO.**  
DEPT. H, IOWA CITY, IOWA.

**250 Styles UP \$23.50**

**150 Styles HARNESS \$4.50 UP**

2 YEARS GUARANTY

Direct to you at factory prices is our way. No middlemen between you and us. You save %. We build all styles of vehicles. Our "National Leader" \$49.50. Top Buggy is the best known and known as the best made. Don't buy until you hear from us. Write today for Free Money-Saving Catalog.

**U. S. BUGGY & CART CO.**  
Sta. 86, Cincinnati, O.

30 DAYS FREE TRIAL

## Cement Posts 10Cents Each

Cement Fence Posts made from Moore's Patent Fence Post Mold.

You can fasten any kind of fence.

Posts never wear out or rot—and having holes molded in them, you always have a sure way of fastening fence.

Make your posts at odd times—at a cost of only 10 cents each.

Write for descriptive circular today.

**MOORE POST MOLD CO.**  
327 E. Third St., STERLING, ILL.

## IRON AGE

(Improved Robbins)

## Potato Planter

The only potato planter that does absolutely perfect work—no misses or doubles. Write for the new 1907 Iron Age Book describing Potato Sprayers, Cultivators, Diggers, and other Farm and Garden Tools.

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Greencastle, N.J.

## The "STAY THERE"

**Aluminum Ear Markers** are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address

**WILCOX & HARVEY MFG. CO.,**  
167 Lake St., Chicago, Ill.

## Musgrave Wire Stretcher

Stretches fence post and post; turns with a crank; pulls 10,000 lbs., \$6.00. Also ask for cat. lawn, poultry and hog fences and gates.

**MUSGRAVE FENCE CO.,**  
Des Moines, Iowa

**PILES CURED IN 6 TO 14 DAYS.**  
PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c.



## IMPROVEMENTS ON IOWA STATE FAIR GROUNDS.

Doubtless the great majority of our Iowa readers are aware of the fact that the state board of agriculture has asked the present legislature for an appropriation of \$160,000 for permanent improvements on the fair ground. Three items are included in this sum, namely, \$75,000 for a swine pavilion, a similar sum for a steel amphitheater and \$10,000 for the purchase of additional land.

Unless we stop to analyze the situation this lump sum may seem a little large, and yet when one considers the magnitude of this great institution and contemplates, in connection therewith, the fact that up to date the state has only appropriated during the last twenty-three years the sum of \$179,509 for permanent and temporary improvements and for contingent expenses, it appears as though here is a great state institution that has been seriously neglected up to this time. It almost places Iowa in a humiliating position when she looks to her neighboring states and finds that Illinois, for example, has appropriated for their state fair the sum of \$880,000; Minnesota, \$324,000; Ohio, \$880,000, and Missouri with its fair established only in 1901, the sum of \$472,000.

Last week the senate and house appropriation committees gave a hearing to members of the state board of agriculture and to representatives of the swine breeders' association. In pointing out the urgent need of better quarters for housing the swine exhibits, John C. Simpson, secretary of the state board of agriculture, said:

It is unnecessary for me to refer to the immensity of the hog exhibit at the state fair, but to simply tell you of the conditions and poor accommodations which exhibitors have to put up with. Of all the poorly-equipped, inconvenient and unsanitary quarters provided for the showing of hogs at any of our great state fairs or stock shows, Iowa stands in a class by herself, and this in the face of by far the largest and best show of its kind the world over. The swine breeders of Iowa, a state that produces annually one-eighth of the hogs raised in America, and one-seventeenth of the entire world's supply, to these men, I say, it is an insult to longer ask them to put up with the conditions and barns now at the grounds. Not only are the old barns unfit and unsanitary to show in, but the quarters are so cramped that it is impossible to get in with team and wagon to remove the daily litter when sleeping tents are put up and crates piled up beside the barns. Last year the department was so crowded that not even space could be had large enough to put up a tent to shelter one herd of hogs that had been brought in without the owner previously engaging his pens from the superintendent. The ground where the present sheds are located is so low that during the rainy week two or three years ago the exhibitors were driven out of their tents in the middle of the night by the water.

Mr. W. D. McTavish, president of the Iowa Swine Breeders' Association, appeared before the committees following Mr. Simpson. He pointed out the fact that the swine department, the greatest department of the fair, had never received the appropriation of a single dollar from the state, in spite of the fact that Iowa stands at the very head of the list as a hog producing state, the total value of her hogs being practically twice that found in any other state. Mr. McTavish, after dwelling on the inconvenience and unsuitability of the present quarters, referred to the unspeakably unsanitary condition of the present equipment. The floors are of such construction as to render thorough disinfection an absolute impossibility, consequently, although the annual display is mammoth, it is not as large as would be the case if there were less

## This is the Harness I Make and Sell You Direct By Mail for \$24. Your Dealer Would Ask You \$35 for It.

All Shipments On Approval

WHEN you were a boy you went 'cross lots when you wanted to get there in a hurry. You didn't care for fences—you went right over them.

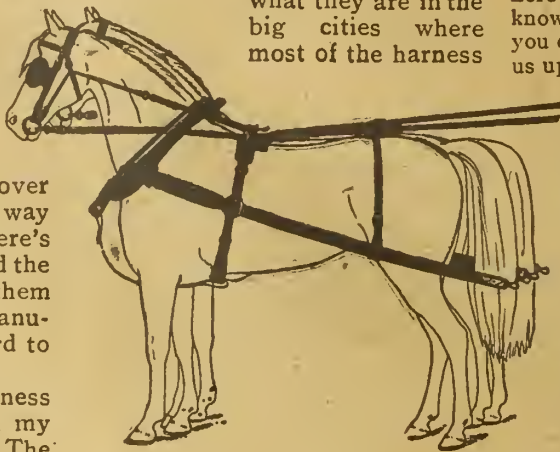
Now when you buy harness why don't you buy by the 'cross-lots method? In the old way there are a lot of fences and if you don't climb over them it's a long, round-about way from harness maker to you. There's the fence of the wholesaler and the fence of the retailer—jump them both and go straight to the manufacturer. You will save a third to a half.

I make 50 styles of good harness and I make them right here in my own factory in Waterloo. The whole business is under my own supervision. I know the men and I know what they can do. They are all skilled harness makers and I pay them enough so they feel right and do good work.

I use only the best oak-tanned leather—I buy every bit of it myself so I know what's going into my harness as well as how it is made.

There's cheaper harness sold than mine but as far as I've been able to find out there's no harness anywhere near as good as mine

that is sold for as little money. Our expenses here in Waterloo are low—very low compared with what they are in the big cities where most of the harness



sold by dealers and mail-order houses, is made.

And then, when you buy from us you are paying only one profit and that's not a very large one. We believe big sales at small profits are better than big profits and small sales.

I've told you about the harness—how good it is and how we save you money. Now I want to tell you about our firm. There's not a more reliable and honest concern in the country than the Western Harness & Supply Co. The men that

are associated with me are men who stand high in this community. You can ask any Bank or Express Company right here in Waterloo, where we are best known, what sort of fellows we are, or you can go to your own bank and look us up in Dunn or Bradstreet.

All our shipments are made on approval. If you are not satisfied with the harness when you get it and have examined it, you are to send it back and your money will be refunded together with transportation charges both ways.

As I said before we make 50 styles of harness—all are good and all are sold at a mighty low price but the set illustrated here we call our "leader." The cut gives you a fair idea of it. It's a genuine bargain—a splendidly made 1½-inch team harness, strong and stylish in appearance and made of the very best grade oak-tanned leather. It is actually worth more today than it was when we made it up, because leather is advancing in price, as you may know.

So, if you want this special harness value, please order promptly. Just send me the money, \$24, and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways, if you are not perfectly satisfied.

My big, free Harness book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address R. M. Knox, Pres.

Western Harness & Supply Co.,  
613 Main Street, Waterloo, Ia.

danger of spreading disease. Mr. McTavish stated that there have been many instances where men have lost their entire herd from disease which was contracted at the state fair, and he pointed out that with a properly constructed building it would be entirely practicable to so disinfect as to completely remove the danger of spreading disease throughout the state. He called attention to the fact that as president of the swine breeders' association he was importuned on every hand, by the breeders of pure-bred hogs as well as by those who raise swine for pork, to use every legitimate means to secure the appropriation asked for the swine pavilion.

The editor of The Homestead, James Atkinson, also appeared before the appropriation committees in the interests of the swine breeders. He stated that swine breeding and feeding was Iowa's most profitable industry and yet one that up to date has not been recognized by any appropriation from the state by way of encouraging the exhibiting of pure-bred swine. No feature of the fair, according to Mr. Atkinson, is more educational in its effect than the swine department, though conditions for sight-seeing and for instruction at the present time are deplorable. The great bulk of the people who attend the state fair come from the farms, and as every

farm in Iowa produces hogs, it is but natural that men, women and children alike should inspect this department. The state, therefore, should make sight-seeing in this department more educational and more pleasurable. Attention was called to the fact that the pure-bred swine industry of Iowa is the foundation stone on which the pork industry rests. The breeder of grade hogs must look to the man who raises pure bred for his males in order to keep up the stamina, feeding ability and quality of his stock, and therefore it is but reasonable that the state should come to the aid of all classes of swine breeders, both grade and pure bred, by appropriating the sum asked for this pavilion in order that the production of better hogs by the people of the state may be encouraged.

He stated that, after all, the greatest need for the new swine pavilion was due to the fact that in the future more must be done to prevent the spread of swine disease than in the past. Successful disinfection is impossible now, but with the plans prepared by the department of agriculture put into a structure it would be entirely feasible to absolutely suppress, stamp out and prevent the spread of disease. There is nothing, said Mr. Atkinson, that this legislature can do that will please the great majority of the people out on the farms in the state so much as the appropriation of the \$75,000 asked for this swine pavilion.

Just what the action of the legislature will be on these appropriations we cannot say, but we feel that our readers have a duty to perform if it is expected to bring these things to pass. If your legislators fail to favor the appropriation for the swine pavilion it will be simply because their constituents have not taken enough interest in the question to make known their views. We believe that all our Iowa readers would like to see this pavilion erected in 1907, and we believe that the present legislature would willingly grant the appropriation if they believed that there was a majority demand for it. Now, as a matter of fact, there is throughout the state a great majority who favor this appropriation, so that we suggest that communication at once be established between the farmers of Iowa and the state legislators relating to this swine pavilion matter. Let each man express his own views in his own way, but do not fail to express

### 100 LBS. FENCE WIRE, \$1.25

No. 14 Gauge Painted Wire Shorts, 100 lbs., \$1.25; No. 14 Gauge Galvanized Wire Shorts, 100 lbs., \$1.40; Other sizes at proportionate prices. Galvanized Barb Wire 2 and 4 point, per 100 lbs., \$2.50; "B.B." Galvanized Phone Wire, per 100 lbs., \$2.40; Annealed Wire, per 100 lbs., \$1.90; Graduated Diamond Mesh Galvanized Fencing, 24 ins. high, per rod, 20c; Galvanized Poultry Netting, per 100 sq. ft., 40c; Indestructible Steel Fence Posts, the best manufactured, each, 35c. Everything in the line of Wire and Fencing for all purposes. Now is the time to buy. These prices are for immediate action. Ask for Free 500-page Catalog. No. B. A. 500 quotes lowest prices on staple farm supplies of every kind; also offers furniture and household goods from Sheriffs' and Receivers' Sales. Chicago House Wrecking Co., 35th & Iron Sts., Chicago

### White Hickory Flyer—\$50

We challenge any vehicle manufacturer to equal the Flyer in quality at the Flyer price. 30 Days' Road Test FREE. 2-YEAR BOND GUARANTEE—This Bond affords you absolute protection. Choice of 3 Plans of Payment. Write for details and our GREAT VEHICLE CATALOGUE FREE. Consumers Carriage Mfg. Co., Dept. BA, Chicago, Ill.

### BOWSER SWEEP MILLS

Different from all others. 4 or 2 horses' Gears 10 to 1 or 1 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 size belt mills.) E. N. P. Bowser Co., South Bend, Ind.

FREE We will send you this beautiful gold plated Ring absolutely free if you will send us the names of ten of your neighbors and 10c for postage, etc. Gem City Supply Co., Quincy, Ill.

KEELEY CURE. CURES LIQUOR, Neurasthenia, Drug and Tobacco habits. Send for free booklet. Address KEELEY INSTITUTE, INC., 706 Fourth St., Des Moines, Iowa

Only One "BROMO QUININE" That is LAXATIVE BROMO QUININE. Similarly named remedies sometimes deceive. The first and original Cold Tablet is a WHITE PACKAGE with black and red lettering, and bears the signature of E. W. GROVE. 25c.

SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Minneapolis & St. Louis R. R. will place on sale special second-class settlers' tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## What Co-operation Has Done Farmer's Friend Separator

Costs You Only \$55 Delivered

WE farmers of Iowa have broken away from the creamery trust and are manufacturing and marketing our own dairy products. During the past eight months, we have forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa. Now we are saving money in another way—on farm supplies, and our offering of the Farmer's Friend Cream Separator gives you a fair idea of the saving.

This Separator is made for our members, in the best cream separator factory in the world, and we fully guarantee it to be as good as any \$90.00 Standard separator ever made.

Just think of the difference in price, \$35.—Thirty-five dollars just as good as thrown away as far as you are concerned. Thirty-five dollars—not of separator value and efficiency, but of big profits for the manufacturers. It was only by getting nearly 2,000 farmers together, (there are more of us now) that we could force this reduction.

But we have it now, and we want every farmer in this part of the country to know about it. We organized to benefit the farmer and we want to help just as many as we can. Space will not permit us to describe the "Farmer's Friend" fully here. Send for our catalog. We have selected a number of articles on which we are able to offer remarkably low prices. We save you from 20% to 50%. Write today.



Capacity, 450 to 600 Lbs.

FARMER'S CO-OPERATIVE PRODUCE CO., DES MOINES, IOWA.



February 28, 1907.]

# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGGS for hatching, Barred Plymouth Rocks exclusively. Guaranteed fresh, fertile and true to name. 25 years experience, matings better than ever this season, satisfaction guaranteed, prices low, circular free. H. M. Jones Co., Graceland Farm, Berwick, Iowa. Shipping point Des Moines, all express companies.

STOUT'S Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

FOSTER'S Barred Rocks clean the platter at Southern Iowa Poultry Show. If you want to win buy eggs from stock scoring to 92. One dollar per sitting, live dollars per hundred. Write for circular. Albert Foster, Russell, Iowa.

BARRED Plymouth Rocks, Thompson strain. Choice cockerels, \$1.00 to \$3.00. Pullets, \$1.00 to \$2.00. Money back if not satisfactory. Write me. Eggs, 75c, \$1.00, \$1.50. R. H. Heitzman, Riverside, Iowa.

WHITE PLYMOUTH ROCKS. Eggs, 15 for \$1.00. Bred right and handled right. Member American White Plymouth Rock Club. W. H. Auderson, Oneida, Ill.

75 BARRED Plymouth Rock cockerels for sale, nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

WHITE Plymouth Rock cockerels for sale, \$1.25 each. Eggs one dollar per fifteen. Address, H. C. Grothier, Gen. Del., Pittsburg, Kansas.

BARRED, Buff and White Rock cockerels, good ones, one dollar and one fifty each, eggs five cents a piece. James Molloy, Albion, Iowa.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

## RHODE ISLAND REDS.

RHODE ISLAND REDS, Light Brahmas, White and Barred Rocks, White Wyandottes and Leghorns, hardy, prolific, farm bred, pure stock. For "eggs to hatch" at 10c each or birds, (moderate prices) write Walter Sherman, Edgewood, Newport, Rhode Island.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show. \$2 for 15. C. A. Kenworthy, Oskaloosa, Iowa.

G. WEISER, Humboldt, Iowa, breeder Rhode Island Reds. Eggs, six dollars hundred. Cockerels, price reasonable.

## MINORCAS.

S. C. BLACK Minorcas, best of layers, hardy non-sitters. Eggs \$1.50 per 15. A few good cockerels at \$1.50. Geo. E. Blackburn, Dunbarton, Wis.

## BRAHMAS.

PURE BRED Light Brahma cockerels for sale. Mrs. Ollie Dubendorf, Grenola, Kansas.

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

## LEGHORNS.

ROSE Comb Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazel Dell Poultry Farm, Chas. Lyman, Clarinda, Iowa.

SINGLE COMB White Leghorns. Eggs, \$1.00 sitting, \$4.00 per 100. At county show took live first and club special. C. A. Beut, Specialist, Mt. Airy, Iowa.

R. C. B. LEGHORN day old chicks, ten cents each in lots of fifty or more. Order now for March and April delivery. C. E. Lister, Iowa City, Iowa.

SINGLE COMB White Leghorns exclusively. Write A. H. Byarlay, Clay Center, Kansas.

## TURKEYS.

MAMMOTH Bronze turkeys, large size and true to color, bred by stock scoring 96½, for sale at prices reasonable. Mrs. J. E. Davis, Oskaloosa, Iowa.

FOR SALE, three trios of Mammoth Bronze turkeys, first class stock, \$10 per trio. Some single birds. W. L. Vanlyke, Route 7, Canton, Ill.

BARGAINS in Mammoth Bronze turkeys. Must close them out; young toms 28 lbs., pullets, 16 lbs. Mrs. E. D. Matthews, Morning Sun, Iowa.

77 MAMMOTH White Holland turkeys. Write, Mary Culver, Route 1, King City, Mo.

## PIGEONS.

THOROUGH BRED Homer Pigeons for sale; any quantity. M. H. Keeler, Sabetha, Kan.

## DUCKS.

ROUEN DUCKS, farm raised; healthy drakes, \$1.25, ducks, \$1.00. Address, H. A. Flett, Downs, Ia.

PEKIN DUCK EGGS, \$4.00 the 100. Fine large stock. Fairacres Farm, Joliet, Ills.

## HORSES.

CLYDESDALE STALLIONS, Prince Goodwin 831, an international winner and one of his get, both extra good. Must sell immediately. Also two stud colts. Write owner, Thos. Rider, Fairfield, Ia.

SPAN large black Percheron mares, five years old; three large Percheron stallions, 1,750, two years old; two large black Jacks, 16 hands, L. H. Luckhardt, Tarkio, Mo.

FOUR Percheron Stallions for sale. L. C. Barnett, Indianapolis, Iowa.

## HOGS.

FOR SALE—Growthy, smooth, Poland China gilts bred to a large, lengthy, big boned son of Perfection E. J. 71635. Satisfaction guaranteed. H. G. Boyer, Lovilla, Iowa.

25 POLAND CHINA bred gilts for sale. Weight 250 to 295 lbs.; everyone guaranteed. Joseph Bouska, Route 2, Calmar, Iowa.

## WYANDOTTES.

WYANDOTTES, White and Silver Laced, 100 choice cockerels and pullets, bred for show, size and the 200 egg per year hen. They go at a bargain. Mrs. A. A. Berry, Route 4, Clarinda, Iowa.

BURD'S Business Bred, White Wyandotte winners, cockerels, \$2.00, \$5.00. Eggs, \$1.00, \$2.00 and \$3.00 per 15; \$5.00 per 100. Folder free. Maple Dell Farm, Route 4, Lee, Ill.

PARTRIDGE Wyandottes exclusively. Doolittle strain. Cockerels from prize winning stock for sale. Eggs in season. Write for prices. P. W. De Lury, Alden, Minn.

WHITE WYANDOTTE pen, one male, 8 females, a beautiful pen of birds; first order \$15 gets them. Few cockerels at \$1.50 and up. S. W. Harr, Riverside, Iowa.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

GOLDEN Wyandotte cockerels for sale, pure bred, farm raised. Eggs in season, also Buff Cochins eggs. Write for prices. John C. Peterson, Ogden, Ia.

50 CHOICE Silver Laced Wyandotte cockerels and pullets for sale at a very low price, all from high class stock. O. O. Howell, Oelwein, Iowa.

GOLDEN, Silver and White Wyandotte cockerels, nice birds. Leading strains. W. W. Conn, Parkersburg, Iowa.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

GOLDEN WYANDOTTES for sale, pure bred. J. L. Boner, Lenora, Kansas.

## MISCELLANEOUS POULTRY.

BLUE Ribbon Poultry Club won this winter 40 1st premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Buff and Black Tail Japanese bantams, Bronze turkeys, Itonen ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter (secretary) Clarinda, Iowa.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

NEW 40-page catalog, 2c. If you are looking for beautiful stock I have them at a very low price. Geese, ducks, turkeys, guineas, pea fowls, chickens. F. J. Dammann, Farmington, Minn.

MAKE your own Louse Killer and sell to your friends. Send twenty-five cents for formula. Liquid or powder. Both forty cents. Lloyd Maffitt, Registered Pharmacist, Wapello, Iowa.

BARRED and White Rocks, Buff, Golden and Silver Laced Wyandottes. Eggs in season. Write for prices. A. L. Anderson, successor to Anderson Bros., Indianapolis, Iowa.

TWENTY-FIVE breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Mapleton, Minn.

EGGS booked for spring delivery from our Toulouse geese and Pekin ducks. Geese eggs 20c each, duck \$1.50 per 11. J. O. Walcott, Belle Plain, Iowa.

WHITE WYANDOTTE and White Leghorn cockerels for sale. Pure breeds, \$1.00 to \$2.00. Henry Hink, Jr., Route 2, Grinnell, Iowa.

FOR SALE—Good laying strain, Buff Rocks and Rhode Island Reds. Prices reasonable. J. J. Peterson, Route 1, Garwin, Iowa.

FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Aledo, Ill.

PURE Black Langshans, Rose Comb Brown Leghorns, Mury McCall, Elk City, Kan.

## DOGS.

SCOTCH COLLIE male 7 months old, sable with full white markings. This is a beautiful Collie; will ship on approval. First draft \$20 gets him, pedigree with sale. Fine puppies, males \$6, females \$5. S. W. Harr, Riverside, Iowa.

SCOTCH COLLIE DOGS—Puppies from best imported strains. Write for our new catalog. Several good studs at service. Geo. T. Underhill, Knoxville, Iowa.

RATS, my Scottish Terriers will make them fit. Fine pups, make good raters; males \$10, females \$7. Pedigree with sale. S. W. Harr, Riverside, Iowa.

FOR SALE—Some choice Collie pups from working parents. Males, \$7; females, \$5. Leroy A. Hayes, R. F. D. 7, Knoxville, Iowa.

PEDIGREED Scotch Collies for sale at reasonable prices. John Fagan, Cumming, Iowa.

## HORTICULTURE.

FOR potted plants and garden flowers, Acme Flower Food. Clean, odorless and a truly wonderful grower. Great for plants under glass. A trial will convince you. Trial box 15c; box three times as large 30c, postpaid. Big thing for agents. Acme Specialty Company, Dept. D, Erie, Pa.

FOR SALE—175 black walnut trees varying from 15 to 30 inches in diameter at butt, also 9 Bronze ton turkeys weighing from 22 to 30 lbs. and 20 Barred Rock cockerels weighing up to 10 lbs., same scored. M. V. Leeper, Redfield, Iowa.

SEED CORN. Oats and Clover Seed. Only stock from heaviest yielding varieties offered for seed. Satisfaction guaranteed or money refunded. Illustrated catalog free. Oaklawn Seed Farm, Box 22, Chatham, Ill.

SEED OATS—Swedish Select oats. Choice stock. Samples free. Alfred Danielson, Black River Falls, Wisconsin.

STRAWBERRIES, four hundred strong plants, choice varieties, one dollar. James Molloy, Albion, Ia.

## MILL FEED.

MILL FEED—For best quality and lowest prices mill feed, oatmeal, cottonseed meal, alfalfa feeds, etc., write Des Moines Flour & Feed Co., Des Moines, Iowa.

## CATTLE.

RED POLLED CATTLE. Special prices for 30 days on good cows and heifers, bred. Write for booklet and particulars. O. P. Russ, Ravenwood, Missouri.

SHORT-HORN bull for sale. I now offer my herd bull, Gloster's King 212203. Write for pedigree and price. F. T. Allen, Stanberry, Mo.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

G. C. KENNEDY, Patent attorney, Waterloo, Iowa. Write for booklet.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

\$300 FOR POEMS. Write for particulars. Orpheum Music Company, Dept. G, 1183 Broadway, New York.

## AGENTS WANTED.

AGENTS WANTED, in every town and on every rural route to sell Crippen's Compound for Rheumatism. The Little Dose big Result Remedy for Rheumatism, Kidney and Bladder diseases retails at \$1.00 per bottle. Liberal profits to agent. Guaranteed to conform to Pure Food and Drug Act June 30, 1906, guaranty No. 540. Address, The Crippen Medicine Co., No. 202 Reese Bldg., Wichita, Kansas.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

AGENTS—Here is corker; only pancake griddle in world that bakes square cakes, turns them, bakes six each time; 100 per cent profit. Canton Griddle Co., Canton, Ohio.

AGENTS, sell automatic self-cleaning curry comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

AGENTS' BONANZA—Big Bargain Household Package. Quick sales and re-sales. Special four weeks' offer. Jewett Mfg. Co., Box 1, Milton Junction, Wis.

## WANTED.

WANTED—Two milkers, no farm work, \$40.00, room and board. Two farmers, no milking, \$35.00. One experienced wagon man, must understand sharpshooter, no milking, married or single, \$40.00. One woman cook, 10 to 15 men, city conveniences in house, \$30.00. H. C. Burgess, Box 846, Helena, Montana.

MEN AND WOMEN agents wanted to sell women's \$2.50 Comfort Shoes, Juliet's, Balm, Oxford. Splendid profits. Write Restwell Shoe Co., Dept. B, 316 Union St., Lynn, Mass. Reference: Mrs. Nat'l Bank, Lynn.

POSITION wanted as Buttermaker. Ten years experience; thoroughly experienced on whole milk and hand separator plan. State wages in first letter. Enos Albertson, Culivui, North Dakota.

WANTED AT ONCE—Sober, reliable. English speaking farm hand. Good milker; references. Address, stating age, experience and salary expected, C. G. Odell, Morrison, Ill.

## REAL ESTATE.

280 ACRE farm, 3 miles town, Warren Co., Iowa, all good farm land, main road, R. F. D. and phone, 10 room house, large frame barn, and ample out-buildings, excellent water, fine grove and orchard. \$55 per acre. Write for our list of farm lands, Frank L. Hall Land Co., 209 Crocker Bldg., Des Moines, Iowa.

FARM for 10 cents. Send me 10 cents in silver and I will send you a booklet telling you all about how to get free homestead of 160 acres in western Canada. Also sample of wheat which yielded 50 bushels per acre. J. A. Dobry, Killam, Alta, Canada.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce Bldg., Minneapolis, Minn.

FOR SALE—In Lyon County, Kan., 74 acres Neosho River bottom land, 90 miles from Kansas City. Near two railroads, fenced in two lots, \$40 an acre. Milo J. Owens, owner, Barton, Va.

BIG BARGAINS—Katy County lands, 160 acres, smooth, less than \$40.00 per acre; 160 acres, smooth, less than \$35.00 per acre. Write Chas. E. Vogele, Newkirk, Oklahoma.

CHEAP, OWNER DEAD—You should write for list describing the best 220 acre farm, stock and machinery in Wisconsin. Jonas Bergh, 504 Eddy St., Eau Claire, Wis.

FOR SALE—Farms, Reno and adjoining counties, ranches west special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

BELLEVUE & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

WRITE for full particulars. Eastern Kansas stock farm of 720 acres, \$21 per acre. A bargain; will go quick. A. W. Baird, Marne, Iowa.

A GOOD improved 160 acres, 1 mile from Devon, Burbon county, Kan. Railroad at Devon. Price \$35 per acre. S. S. Jordan, Weonon, Ill.

HEALTH AND WEALTH in the great southwest. Write us for good, cheap lands. Hall P. Street & Co., San Antonio, Texas.

\$100 Buys good 160 acres. Stock, crop implements; good soil; southern Mo. McGrath, 2340, Prairie St. Louis.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

KANSAS INVESTMENTS—Central Kan. stock and grain ranch; easy terms; line as silk. Corn, alfalfa, grass, water, fine improvements, well fenced; priced to earn 10%; 2,300 acres. 320 acres, Hodgnum Co., six miles from railroad town; 200 acres in wheat, \$5,500 gets land and all crop; no buildings. L. G. Boies, Birmingham, Iowa.

320 ACRE FARM in Sherman County, Kansas 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

CHEAPER HOMES. Buy in Kansas, the state that's growing by leaps and bounds. List of 60,000 acres of farms and ranches of 10 to 1,760 acres each at \$1 to \$75 per acre. Terms best rent. Fine investments for future. Full information for asking. Woodston Realty Company, Woodston, Kan.

160 ACRES, 2 miles from Severy, Greenwood county. Nice smooth land, 125 acres cultivation. 30 acres tame grass, well fenced, house 7 rooms, good barn and other out buildings, good orchard, 2 wells, wind pump, \$40.00 per acre. Write L. E. Glasco, Severy, Kansas.

IDEAL STOCK FARM—Full section, 150 acres under plow, balance timber and brush land; all fenced, only five miles from station, good roads. Located on shore beautiful lake. A bargain. Lock Box 58 Little Falls, Morrison Co., Minn.

FOR SALE—My 106 acres, 45 under cultivation, balance brush. Good buildings, nice laying, only 2½ miles from town; clay soil, good well water and a creek. Clover and timothy grows four to five feet high. Geo. Gaerth, Shell Lake, Wis.

FOR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

MICHIGAN stock farm, 275 acres, clay loam soil, 200 cleared, fine houses, barns, timber, orchards, rural route, telephone, school, \$6,250. Others, list free. Evans & Holt, Fremont, Mich.

FOR SALE—640 Acres A 1 wheat land. Saskatchewan, Canada. All usable. Three miles from town. For price, terms, write John McKenzie, Box 162 Alisa Craig, Ont., Canada.

TO EXCHANGE—Good farm in South Dakota or Minnesota for two good young draft stallions and a good large Jack. L. Smith, Keystone, Iowa.

BEAUTIFUL HOMES in southwest Missouri level prairie farms, no stone. \$30 to \$40 an acre. M. Wight, Ianthin, Barton Co., Mo.

120 Southern Missouri; horses, cattle, crops, farm implements; \$1,500. Seth Cooper, Blanche, Douglas Co., Missouri.

## MISCELLANEOUS.

FOR SALE OR EXCHANGE—Clean stock merchandise and building stock consisting of dry goods, notions, millinery, shoes, groceries. No clothing, men's hats nor cloaks; a money maker, a home. About \$4,200 merchandise, fixtures \$300. Building, \$4,500, is good one-story brick 28x80 on two lots; rear arranged with living rooms, well located in live railroad town, less than 70 miles from Des Moines. Stock and building go together. Also have small brick and tile plant, operates eight months each year. Home demand entirely. Plant complete with five acres of land, \$4,500, clear profits \$1,000 to \$1,500 per season. Write for full particulars and give full description of what you have. I am owner and want to deal direct for Dakota, Minnesota or Iowa farm, improved or unimproved, or will take merchandise for plant. Address Lock Box "H," Jewell, Iowa.

FARMERS AND SWINE BREEDERS: Brothers—After 50 years' experience I have discovered that it is better to put one dollar's worth of practical knowledge in our heads than hundreds of dollars invested in slum stock foods or medicines in our hogs. A good swine tender like the good shepherd will get Smith's unequalled treatise on Swine Culture, essays, advice, receipts and formulas of quality not quantity. Work right and prevent disease, then there will be no need of trying to make impossible cures. This valuable treatise sent by mail upon receipt of \$1. Remit by P. O. order or registered letter to Francis Smith, Lock Box 616, Des Moines, Iowa.

25 fine photos from any photograph 25 cents, size 1½ by 1½ inches. 15 nice post cards from any photograph 75 cents. Photographs returned unimpaired. Satisfaction guaranteed or money refunded. Write plainly, Newlon Photo Co., 1369 East Ninth St., Des Moines, Iowa.

CEMENT—Workers' Handbook tells farmers all about cement work. How to build walls, floors, walks, tanks, cisterns, blocks, posts, etc. Fourth edition revised; cloth bound. Send 50c to W. H. Baker, Wadsworth, Ohio.

WE MADE \$40,000 in the mail order business; began with \$5.00; any one can do the work in spare time at home; send for free booklet telling how to get started. 103 East 125th St., New York City.

WANTED—Sixty-two ladies in every town to accept a handsome stick pin, free, also valuable beauty secret. Send no money, simply name and address. Trade Supply Co., Waterville, Conn.

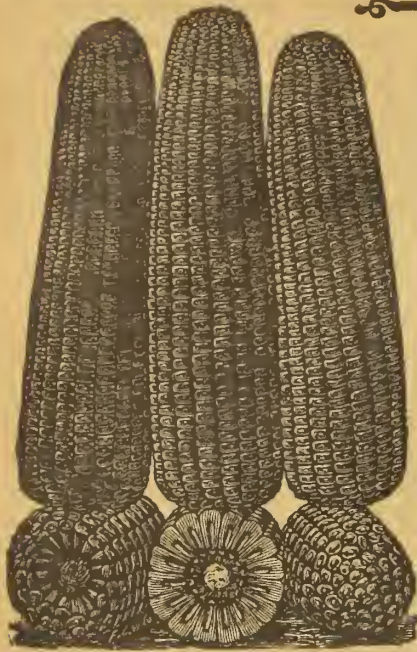
START a factory on the farm. No machinery to buy, honorable, clean, profitable. We tell you how free. DeHaas Supply Company, Dept. "R" 3215 Mt. Vernon St., Philadelphia, Pa.

CLOVER SEED—Medinn Red, best cleaned. Send for sample. Also Angus bulls, registered nine to seventeen months old. Prices reasonable. J. C. Hagens, Pella, Iowa.

THREE HORSE equalizers for wagons, manure spreaders, disk, etc. Patented June 26, 1906. Price, \$5.50 each. The patent is for sale W. F. Maas, Muskegon, Iowa.

CORNS can be cured without pain, says Mrs. J. Gustafson. Positively cured after 25 years of suffering. Address, 2103 Portland Ave., Minneapolis, Minn.





## USE IOWA Seed Corn If You Want Perfect Corn.

Iowa stands at the head as a corn growing state. The soil and climate here are specially adapted to it and practically all the best varieties have originated with us. Seed corn has been our great specialty for over 20 years, and we are the largest dealers in the U. S. It will pay you to try our

### BIG 4 FOR 1907

**New Golden West.** The nearest perfection of any corn ever offered. Notice cut showing depth of grain, smallness of cob and how well it rounds out over both tip and butt. Ears large and solid; bright golden yellow. Matures in 100 days. Per pk. 65c; bushel, \$2.00; 10 bushels, \$17.50.  
**Iowa Silver Mine.** Has the reputation of being the most productive of all. Yielded 215 bushels per acre in the great corn contest. Per peck, 60c; bushel, \$1.60; 10 bushels, \$14.00.  
**Iowa Gold Mine.** Deepest grained pure yellow variety. Matures in 95 days. A veritable mine of wealth for farmers. Per peck, 60c; bushel, \$1.60; 10 bushels, \$14.00.  
**Farmer's Reliance.** Earliest dent corn in existence. Matures in 85 days. Double the size of Pride of North, with deep grain. Every farmer should plant this extra early. Per peck, 60c; bushel, \$1.60; 10 bushels, \$14.00.  
**SPECIAL OFFER.** One peck each of above for \$2.00; one bushel of each, \$8.25. Above prices are for thoroughly tested seed from selected ears. Write today for a copy of our large, illustrated catalog, describing all the best varieties of Seed Corn, Oats, Wheat, Potatoes and all other farm and garden seeds. If you mention this paper in your request we will also send small samples of all of the above varieties. **FREE**

IOWA SEED COMPANY, Des Moines, Ia.

## BLIZZARD BELT FOUR HARDY EVERGREENS FREE

We grow our "Blizzard Belt" Evergreens in ten million lots. To advertise them and prove that they are healthy, well rooted and vigorous, we offer to send four fine sample trees 3 years old, free to a limited number of property owners. Mailing expense 5 cents, which send or not as you please. A postal will bring them. Last year we distributed 500,000 of these sample evergreens and gained thousands of new friends. This year we have

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for this free advertising distribution and if you want your share of them write at once for they will go fast. W. H. Gibboney, Mandan, North Dakota writes: "Please accept thanks for the sample evergreens. They are doing fine." This is but a sample of thousands of letters. Our catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Ornamentals, Evergreens, etc., with a mine of valuable information for fruit growers, is free for the asking. Write to-day.

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## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### Some Garden Hints.

To the Editor of The Homestead:

The farmer who does not take the time to properly prepare a strip of ground for a garden, and even who does not go a little further and put it in, is generally very severely condemned for his thoughtlessness. It is right that he should be condemned and it would be even well if he could be punished. Nevertheless, on the average farm in the corn belt it is a very difficult matter to find the time to care for a garden properly.

It is not the actual money value of the produce grown in a garden that must be considered so much as it is the convenience of having all kinds of fresh vegetables and the necessity for same. Whether we like it or not, we must have gardens, and I propose to give my fellow readers a few hints that may save a little time.

Do not make the garden too large; take the time to figure out how much space it will require for each vegetable that you propose to grow. There is no advantage in having large quantities go to waste. This is one of the weakest points in the farm garden system, so I would say, first, cut down the size.

The next point I would emphasize would be to put it in rows far enough apart so that most of the work may be done with a horse. Last year we made a mistake and put the rows twenty-one inches apart and found that it was almost impossible to put a horse in between the rows after the vegetables had made any considerable growth. It is my intention to put the rows in the future at least twenty-eight inches apart, and where large horses are used I do not know but what thirty would be better.

Bear in mind that it is not necessary to put the same vegetable the entire length in one row. One can, for example, put parsnips in part of a row and possibly lettuce in the balance. Just as soon as you start using these vegetables you can put in more seed and keep the ground producing during the growing season.

When it comes to the matter of putting in peas and beans I have found it a good plan to plant two rows close together, say a distance of ten or twelve inches apart, and then leave a space between each pair of rows sufficiently wide so that a one-horse cultivator may be used. You can then put some kind of wire network in between the two rows for climbing purposes.

The Little Planet Jr. hand weeder is a tool that will pay for itself in one year in any garden. It can be used when the vegetables are too small for horse cultivation, and one will do as much with a little cultivator in five minutes as you will do in half an hour with the hand hoe. One had better not put in a garden unless he makes up his mind before doing the seeding that it will be kept clean, and if you plan it so that you can do the work with a horse and will, in addition, use the wheel hoe as referred to, comparatively few hours of work will put in and properly tend all the garden needed on the average farm.

### Blackberries.

To the Editor of The Homestead:

Blackberries have, perhaps, been given the lowest place in respect and attention in the fruit garden, but it is probable that a change will take place in the popular estimation of this fruit. It may be the reason is that it is found wild in such profusion and that the wild fruit is good enough to compete with tame in some degree. Another reason may be that it is so hardy and so easily grown.

But I, no doubt, as well as others, am coming to the opinion that they are as profitable, acre for acre, as almost any fruit that can be raised and that they are growing in favor with the public. On our own table I find that blackberry pie ranks second to none and that the jaded appetite turns to the tart and vinous flavor of this fruit in preference to any other. It is true that, box for box, they average cheaper than the raspberry, but the same cannot be said

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of the strawberry, except for the early berries that sell at fancy prices. I find that in our local market the Early Harvest first sells at ten-cents per box and holds up at that for quite a time; then it drops to three for a quarter, then two for fifteen cents and is mostly gone before it touches five cents a box, which



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it, by no means, always does. The  
larger, later kinds always bring good  
prices if they are large and juicy. When  
we consider how easily they are grown,  
how sure a crop and how abundantly  
they bear, we cannot clear ourselves of  
the charge of not treating the black-  
berry with the care and respect that it  
really deserves.

The blackberry has rather lagged be-  
hind in the race for improvement, most  
of the prominent varieties of today be-  
ing the same as twenty years ago, but  
during the last year or two quite a  
number of new varieties have been  
brought out with more or less claims of  
superiority. Most of these I have tested  
one or more seasons. Blowers and  
Wards fruited for me last year and pro-  
duced large, fine berries, but it is im-  
possible to estimate the market value  
for a variety in one season. For example  
the much advertised Mersereau fruited  
the second time last year and one out  
of the half dozen bushes took the rust.  
That condemned it with me. A variety  
must be rust proof to have commercial  
value. I have never seen a better all-  
round variety than the Kittatinny, but  
its susceptibility to rust dooms it, al-  
though it is said to do well in favored  
localities. I fruited it three years be-  
fore it took the rust, but when it did,  
hardly a plant in the acre was exempt.  
The one new variety whose trial over  
the country seems to have verified most  
of the claims made for it, is the Eldorado.  
It is a berry of good size and extra  
fine quality, perfectly hardy and rust  
proof, and the only criticism I could  
make here is that it lacks vigor of  
growth, but I have it on thin, dry soil.  
On heavy moist land no doubt it would  
be satisfactory. The Erie is an older  
kind, but not well known, that I con-  
sider one of the best market berries.  
It is almost round and of the largest  
size. I do not hear that it ever rusts.  
It is very vigorous in growth and a  
heavy bearer, but it is not a good fam-  
ily berry because it is sour unless dead  
ripe.

A splendid berry is the Early King,  
not so early as the Early Harvest, as  
has been claimed, but a week later. It  
is one of the sweetest berries that grows  
and I strongly recommend it for fam-  
ily and market. It is a large, heavy  
bearer and so much like a good dew-  
berry in flavor that my customers mis-  
take it for that.

Another good berry is Taylor's Pro-  
lific, very sweet, hardy, vigorous and  
the latest of all. Plant it for late ber-  
ries. In conclusion I would urge to  
give the blackberry deep moist soil and  
it must be good enough to enable them  
to make a strong annual growth. I  
have never seen a berry overfed.

Missouri. L. R. Johnson.

### The Exposure of an Orchard.

To the Editor of The Homestead:

The following inquiry has been for-  
warded from one of our subscribers, Mr.  
Walter A. Hoffline, of Washington coun-  
ty, Kan.:

In a recent issue you published an article  
on horticulture by L. R. Johnson. It was  
just what I was wanting. In addition, I  
would like to ask if a northern exposure in  
this locality would be best for pears, and  
if they are as hardy as the peach as far  
as cold is concerned. What variety would  
you plant? Is the Worden Seckle pear an  
improvement over the Seckle? Is Wismer's  
Dessert apple a reality, and is it desirable  
to plant it in this locality? Also would the  
Apple of Commerce do well in this lo-  
cality? I have a piece of ground, about  
one-half acre, that is underlaid with water  
at a depth of three feet. It is on the east  
side of a stream and slopes to the west,  
about six inches to the rod. The ground is  
very rich, something like muck. What is  
the best for it? Would quinces or pears  
do well on it, provided I plowed it in ridges  
to drain off as much surface water as pos-  
sible?

In answer to these questions I will  
first say that a northern exposure is  
considered good for any variety of  
fruit, but especially for early bloom-  
ing kinds like the peach. Pears are  
usually hardier than the peach and do  
not bloom so early. Both Worden-  
Seckle and Wismer's Dessert apple are  
varieties of late introduction that have  
not yet been well tested throughout the  
west; I should not therefore advise to  
plant them for market purposes until  
they have been tried in your locality.  
Planting untried varieties is a very haz-  
ardous experiment. The same objection  
applies to the Apple of Commerce. The  
glowing descriptions of new varieties  
found in many catalogs are very al-  
luring, especially to beginners in horti-  
culture, but they should be stoutly re-  
sisted except to buy one or two speci-



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mens for experiment. For pears that  
can be depended upon wherever that  
fruit does well I would name the Keiffer  
and Garber, the latter earlier than the  
Keiffer and of better quality. These  
are almost blight proof. Pears of high-  
er quality are the Duchess, Howell, Rut-  
ter, Bartlett, Seckle and Tyson. Tyson  
is a summer pear. Bartlett is popular,  
but blights badly in some places. We  
cannot raise it here. Rutter has done  
finely with me, bears equal to the Keif-  
fer, but is of weaker growth. Fruit  
should be thinned. Howell is of delicious  
quality. Duchess is usually planted as  
a dwarf; as such it requires rich soil  
and cultivation, a treatment that would  
soon kill all the standards.

For an apple I have no hesitation in  
advising the planting, even in large  
quantities of Stayman's Winesap. This

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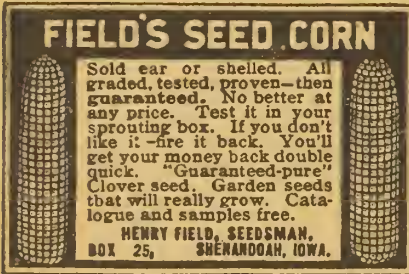
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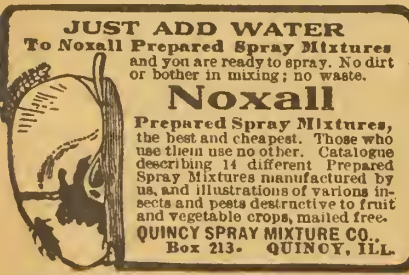
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**We Have a Limited Amount of  
HOME-GROWN NEW ALFALFA**

At \$10.00 per Bag of 60 lbs.  
ALSO MEADOW FESCUE OF  
Our Own 1906 Raising at \$6.00 per 100 lbs.

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**SEED CORN**

Our leader is Brown's Choice, which we years  
ago developed from Learning stock. **Yellow  
Dent, Iowa Silver Mine and Yellow  
Hose**, the latter one of the best early (30-day) va-  
rieties are the others. We grow all the corn we  
sell. We ship in the ear or shell and grade it as  
desired. Our seed will please you. Try it. Samples free.

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**CLOVER** New Crop  
IOWA GROWN  
Recleaned  
and Tested

Modern Red, Mammoth and Alsike Clover; also Alfalfa,  
Timothy, Blue Grass, etc., of superior quality. It will pay you  
to buy early this year. Ask for prices and one of our large, il-  
lustrated catalogs of farm and garden seeds. Mention this paper.

**IOWA SEED CO.,** Des Moines, Iowa.

for itself from the Atlantic to the Pa-  
cific. The prospect is that it will take  
its place as the greatest winter apple  
in existence. It has size, color, proli-  
ficacy, and above all, quality equal to  
the best.

Lastly, as to the half acre underlaid  
with water, I should not think that it  
would be at all suitable for pears.  
Whether quinces would do well if it  
were ridged up I would not undertake  
to say. If the soil be so saturated that  
air can not penetrate, the trees would  
be sickly or die for the roots have a  
process similar to breathing and if  
deprived of air by the presence of too  
much water, they cannot grow. I can  
only advise to experiment on a small  
scale to discover the capabilities of this  
land.

L. R. Johnson.

**Hardy Evergreens.**

To the Editor of The Homestead:

A subscriber at Osmond, Neb., sends  
the following inquiry:

I desire information regarding evergreens  
for this section of Nebraska. I wish to plant  
a number on my place in the spring and  
want information as to what varieties to  
plant, particularly those that will make quick  
growth.

The Jack pine and the Scotch pine are  
both hardy, rapid growing evergreens,  
and succeed well in the section named.  
Both of these species possess a spread-  
ing root system and are among the  
easiest of all evergreens to transplant.  
The Jack pine does especially well in  
Nebraska and has been widely planted  
in the government forest plantation at  
Halsey. Mr. Charles A. Scott, govern-  
ment forester in charge at Halsey,  
states that a number were planted on  
the ranch of Bruner Brothers in Holt  
County with excellent success. At the  
end of the fourteenth year many of  
them averaged above twenty feet in  
height. Mr. Scott states that the Jack  
pine have proven their adaptation to  
Nebraska conditions, and have made a  
remarkably thrifty growth. Even where  
planted in the sand hills in the govern-  
ment experiments on the Bruner ranch  
it outstripped all other species.

It must be borne in mind, however,  
that the Jack pine and in fact all other  
rapid growing species produce a rather  
inferior wood, and one that is not of  
the highest quality for timber purposes,  
though for fuel it does very well.

We would suggest that our corre-  
spondent plant two varieties of ever-  
greens, using one row for some quick  
growing sort such as the Jack pine, and  
planting the second row with a long-  
lived variety. In this way early results  
may be obtained and also a permanent  
effect secured. For the long lived va-  
riety the Austrian or white pine could  
be used to advantage. The latter forms  
a splendid tree and also makes a hardy,  
rapid growth after it becomes well es-  
tablished. However, when small it is  
rather tender and for this reason it  
should be planted on the lee side that it  
may receive protection from the severe  
winds when young. The Platt cedar or  
the Blackhills spruce and the Colorado  
Blue spruce are also excellent ever-  
greens of the long-lived class, and will  
do well in this region.

The average planter will have the best  
success by using rather small evergreens.  
We prefer those once transplanted and  
about eighteen inches in height. Plants  
of this size are very reasonable in price,  
and they are much easier to plant suc-  
cessfully than the larger size.

A. T. Erwin.

**All Knowledge Summarized in One Great  
Work.**

One of the great writers of France  
has said that "history teaches every-  
thing, even the future;" and a more re-  
cent American writer has declared that  
to study history "is to familiarize our-  
selves with the whole realm of literature,  
science, art, philosophy, conquest, explora-  
tion, romance and human biography."

This being true, a complete history of  
the world from the remotest antiquity to  
the present day would be a summary of  
all knowledge; and to master such a  
work would be, in a real sense, a liberal  
education.

Unfortunately, however, most of the  
great historical works of the past have  
dealt with a brief epoch of periods, so  
that many years of reading, covering  
numerous large separate works, were once  
necessary to give one a complete mas-  
tery of the world's history as a whole.

"Ridpath's History of the World" has  
supplied this long-felt want. This great



**THE OLD RELIABLE  
..Anti-Friction Four Burr Mills..**

Double the Capacity of other Mills.

TWO-HORSE mill has 24 ft. grinding  
burrs all grinding at once and grinds from  
25 to 50 bu. per hour. Four-horse mill has 30  
ft. of grinding burrs and grinds from 60 to  
80 bushels per hour.

**30,000 Bu. With One Set of Burrs.**  
I have used a Mogul No. 1 mill for 7 years  
and it has ground with one set of burrs more  
than 30,000 bu. of corn and the burrs are still in  
good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gear. Will earn cost  
price in three days. The largest ears of corn  
to these mills are like pop corn to other mills.  
We manufacture the most durable and fastest  
grinding line of mills sold, including our Fa-  
mous Iowa No. 2 for \$12.50. Send for free catalog.  
Bovee Grinder & Furnace Works, Waterloo, Ia.

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A money-maker for the farm. Increases yield of every acre 5 to 15  
bushels. Pays for itself every year with every 20 acres tilled. Has  
7 complete riddles, 4 double wire screens, 11 in. all, and does  
the grain and seed work for a 160 acre farm perfectly. Has  
double the screen surface of any machine of its kind.  
Separates, cleans and grades all kinds of seed, performs all  
three processes at once and will perfectly clean, separate  
and grade any four similar seeds at the same time no matter  
what proportion the mixture. The cheapest, most efficient  
grader made. Our "Corn Grader" screens No. 8 and 9 provide an  
absolutely even "drop" from the "Corn Planter," edge drop or  
otherwise. You are sure of the exact number of grains in a hill.  
Removes all weeds and noxious seeds including thistles. No  
shifting riddles nor change of adjustment. Does work of three  
machines, sells for the price of one. Price complete, freight paid,  
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Hall Grain Grader Co., 224 Locust St., Winfield, Ia.

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be the best on the market. We have a full line of  
**TREES, SHRUBS, ROSES and EVERGREENS, etc.**  
which we will ship you on approval, freight prepaid.  
Why not order Evergreens, of which we make a specialty, for a wind break for  
your home? We guarantee lowest prices on everything in our line. Write for free  
cut-rate price list.  
**M. J. Wragg Nursery Co.,** 330 Good Block  
DES MOINES, IOWA

**GRAIN** Freeman Bros. & Co., **HAY**  
COMMISSION MERCHANTS.  
Established 1886; 66 Board of Trade, Chicago.  
Your shipments to this market and orders  
for the purchase and sale of grain for future  
delivery solicited.

**Wanted:**

Two married men for or-  
chard and farm work. Sepa-  
rate house and garden for  
each. No booze fighters or  
cigarette fiends need apply. Address, N. C.  
Dunlap, Manager Watson's Ranch, Kearney,  
Nebraska.

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**PLANTERS** send for our Wholesale prices. We  
will sell to you direct at Wholesale until surplus  
is reduced. The Lorimer Nurseries, Box 200, Lor-  
imer, Iowa.

**AGENTS** wanted to introduce Burbank's wonder-  
ful stoneless plum—Miracle, and sell our well-  
known hardy nursery stock. Big pay. Best pro-  
position offered salesmen. Oregon Nursery Co.,  
Detroit, Michigan.

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pay freight, give FULL value  
Founded 1825. Large NEW Fruit Book  
free. **STARK BROS.,** Louisiana, Mo.

**CLOVER SEED** for SALE—Choice, recleaned,  
medium red, my own raising. Price \$8.50 per  
bushel including bag. Write for sample. H. D.  
Clare, Norwood, Iowa.

**5 VARIETIES** of seed corn for sale at \$1.25 per  
bu., eared or shelled. Satisfaction guaranteed or  
money refunded. Alex. James, R. 1, Shenandoah, Ia.

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for sale right if taken at once. Write me now.  
Geo. W. Schwab, Clay Center, Neb.

**KHERSON** SEED OATS FOR SALE. Big  
yielder, will not lodge or rust. 50 cents a bushel.  
Aye Brothers, Blair, Nebraska.

work, charming as a delightful novel, yet  
historically accurate, embraces all his-  
tory from the earliest days down to the  
present. All the fabled greatness of  
Egypt, Assyria, Babylon; the more re-  
cent, but still remote wonders of Greece,  
Rome and Carthage; the marvels of  
medieval and modern times are unfolded  
with the skill of a master hand. Our  
own country, its colonization, its heroic  
revolution, its enthralling history as a  
republic, the growth of its possessions  
down even to the acquisition of Panama,  
its struggles over slavery, the tariff and  
other problems—all this is told, and in  
its true relation to all other events. The  
work—it embraces nine handsome vol-  
umes—is in every sense of the word com-  
plete. It is complete as a history and  
also as a review of science, art, litera-  
ture, politics, war and peace. To follow  
Dr. Ridpath through its luminous pages  
is to acquire that eminent scholar's  
broad grasp of human progress in all its  
aspects.

The Homestead heartily commends this  
splendid work to its readers. We wish  
that it might have a place on every  
farmer's book shelves. It will prove a  
mine of instruction to any family wise  
and fortunate enough to secure it. It is  
published by the Western Newspaper As-  
sociation, No. 204 Dearborn Street, Chi-  
cago, Ill., who make interesting an-  
nouncements respecting it on the last  
page of this issue.

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Apples 6c, Peach 6c, Plums 12c,  
Cherries 16c. Best quality  
good bearers, grafted  
stock, not seedlings.  
Concord Grapes 2c.  
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lings \$1.00 per  
1,000 up. We  
pay the  
freight.  
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We have  
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of Vegetable  
Flower and  
Farm Seeds. Our  
large illustrated cat-  
alog free.  
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Selected, Butted, Graded, Tested.

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**J. B. ARMSTRONG & SON,**  
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**EVERGREENS,** Good  
stocky, well-rooted, trans-  
planted trees, 5c. each.  
Three-year apple trees 10c. each. \$6.00 per 100.  
Our catalog will tell you all about our cut prices on  
**ROSES, BULBS, SHRUBS, BERRIES,**  
**SHADE TREES, Etc.** A postal will bring it.

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have them for sale and many other kinds of the  
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kinds of Shrubs, Vines, Trees, Roses, Bulbs, Per-  
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mation. **Sloux City Seed & Nursery Co.,**  
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**400 STRAWBERRY PLANTS \$1.00**

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Prime Medium Red Clover per bu. \$7.25  
Prime German Millet per bu. .60  
Prime Timothy per bu. 2.25  
Delivered freight paid to your depot.  
Bags 20 cents each.

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I have Early Champion Seed  
Oats for sale. They weigh 36  
lbs. to the bushel. These oats  
are re-cleaned. My seed was treated for smut last  
spring. They are best for seeding grass and clover.  
Write for sample and testimonials. Address,  
**G. Gregory, Rulston, Carroll Co., Iowa**

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**WE MAKE** a specialty of growing Red Cedars  
from seed and we are the largest growers in  
the United States. Write us for price list.  
**GARLAND & FOWLER, AHon, Iowa**

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**REID'S YEL-  
LOW DENT** and  
Improved Prize of  
the North. Scientifically bred, carefully selected.  
If corn is not satisfactory, it may be returned and  
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sired. **W. G. GRIFFITH, McNabb, Ill.**



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By sliding this ring back the largest hogs may pass under

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"No fifty volumes, and I might safely say, not even a hundred volumes in my library could be selected that would be to me of so much practical use what the law is in Iowa on a given question, or advising others as to the law." Judge C. B. Bradshaw.  
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All No. 9 Steel Wire. Wall galvanized. Weighs 1/2 more than most fences. 15 to 25¢ per rod delivered. We send free sample for inspection and test. Write for fence book of 133 styles. The Brown Fence & Wire Co., Cleveland, Ohio.

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### Wanted

Men each state to distribute samples of our goods and tack advertising cards. Salary \$21 per week, \$3 a day expense allowance. Saunders Co., Dept. 9, Chicago.

**Agents:** Sell automatic self-cleaning curry comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### OFFICIAL DUTIES.

A Subscriber, Comanche, Iowa.—I recently received a letter from a county treasurer in south central Missouri saying, "Amount of taxes on land referred to is \$9.57, my commission, \$2.00; total, \$11.57." The letter was on stationery of the county treasurer and signed by him. (1) Is he entitled to such a commission? (2) Is he rendering himself criminally liable for demanding it?

Answer.—(1) Probably so. Most likely you wrote the treasurer to look up the matter and give you the information. The law does not require him to do this without compensation. It is not his official duty to give out such information; it is the duty of the collector of taxes. You wrote to the wrong officer. (2) We think not.

#### MUTUAL TELEPHONE COMPANY.

A Subscriber in Iowa.—A mutual telephone company sold one share in the company to B for \$35. B is a tenant of C and the company agreed to buy the share back at the expiration of three years at a reduction of fifty cents per year. B has a chance to sell the share to C, his landlord, for \$50. There is no written contract between the company and B about buying the share back. Can B sell his share to C so that C will be considered and treated as a member of the company with like privileges as other members?

Answer.—We do not know. It depends on the rules and regulations of the company and its contract with its members. You have said nothing about these things; you have not even stated whether or not the company was incorporated.

#### LEGAL EFFECT OF DEED.

A Subscriber, Clarence, Iowa.—A owned a quarter section of land, his deed calling for 160 acres more or less. He sold 160 acres to B. After survey of the quarter section it was found to contain 162 acres. Each of the other quarter sections in the section contain a like area. (1) Will the two acres in excess be recorded to A for assessment? (2) Can A sell and give good title to the extra two acres?

Answer.—(1) It will not. (2) Unless the deed from A to B described the 160 acres by metes and bounds, or excluded the two-acre excess by specific description, the probable legal effect of it is to convey the whole quarter section to B. This is probably what it did. Any lawyer could tell you by an examination of the deed, and not without it.

#### INHERITANCE.

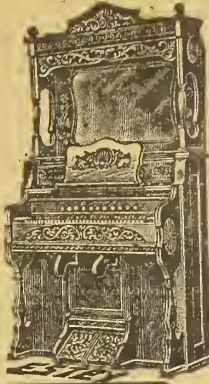
A Subscriber, Lisbon, Iowa.—A husband and wife own a farm in Iowa, part of which came to the husband by inheritance from his parents. The husband has brothers living, so also has the wife, but there are no children or issue of either husband or wife. (1) In case the husband should die first, who would inherit the property? (2) Do the laws concerning inheritance differ in the several states?

Answer.—(1) We assume that the title to the farm stands in the name of the husband. In such case the surviving wife would be entitled to one-half of it and the other half would go to the husband's brothers (and sisters, if any), his parents being dead, in equal shares—that is, the children, or issue of his parents, would get half the property, share and share alike. (2) The laws relating to inheritance in the several states differ very materially. Every state has its own law on the subject.

#### A DEAD CONTRACT.

A Subscriber, Perth, N. D.—A sold a farm to B on the half crop payment plan—that is, it was agreed that one-half of the crop grown on said farm, beginning with the crop of 1906, was to be delivered by B to the elevator to pay interest, and if there was any over it was to be applied on the principal of the purchase price, but should default be made in the delivery of said grain, or any part thereof, or in any of the covenants of the contract, then the agreement to be void at the election of A, time being of the essence of the agreement, and in case of B's default it was agreed that B should, upon demand of A, quietly surrender possession of the premises, and that until such default, B should have possession thereof. B had a poor crop last year and half of it only paid interest, and they agreed that B should farm the place next year and give up the contract. Can A hold more than enough to pay interest, or can he hold half the crop just as he formerly did?

Answer.—Why did you leave out the main and only fact necessary to an answer?—the rent which B is to pay next year—that is what A can hold. The old contract between them for one-half has been rescinded by mutual agreement and has no force whatever.



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- A more sympathetic touch.
- A smoother, easier action.
- A better style and finish.
- A more durable construction

than any other organ of the same character, simply box it up, and return it at our expense. That's all we ask. But, if you want to buy it, after thoroughly testing it, we will sell it to you, at the actual factory price. If it develops any imperfections within a year, which we cannot rectify to your satisfaction, we will give you a brand-new organ, and we give you also, a 25-year guaranty—a guaranty with the name of Estey behind it.

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Send to-day for Catalogue No. 109, and select the organ you want to try.

**ESTEY ORGAN CO.,**  
Brattleboro, Vt.,  
(Established 1846)

Send For Illustrated Catalogue

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**Will You Write Me a Postal for a 50c Corn Book?**

**Do it NOW—while they last.**

The book is from the pen of Professor A. D. Shamel of the Illinois Experiment Station—recognized everywhere as "the man who knows"—about corn.

It's full of photographic illustrations, and explains fully about selection—modern corn breeding and cultural methods. The American Corn Expert, Professor Holden, demonstrates his Seed-Testing Machine on page 17 of this book. The book should be in the hands of every up-to-date corn-raising farmer—it will help him double his corn crop.

**All I ask you for this 50c Book**

Is that you will give, on a postal, the names and addresses of three of your farmer neighbors whom you understand will be in the market for a riding plow this season. It will take only a few minutes of your time, and a postal, and I will send you the book prepaid by return mail.

**See that little girl lift her father with one foot?**

He weighs 196 lbs., and she is only 6 years old—yet she can lift him with only one foot. WHY—and what does the "WHY" mean to you? Simply this—it means that the Emerson Foot Lift Plows are the easiest handled in the field of any plow made. FOOT-CONTROL ALWAYS—in or out of the hardest soil. Manage the Plow with your Feet—your Horses with your Hands.

The same EMERSON means easiest to handle—lightest draft—and most durable. Every EMERSON Gang Plow is equipped with 2000-mile magazine box and axle. When you buy an EMERSON you buy for a lifetime, not for a few years, because an EMERSON will last as long as you live. I will send you, FREE, our Implement Literature, and the Corn Book if you act promptly and write the postal TODAY. I gave away 100,000 of these books—then the supply ran out. They went like wildfire. I've only a limited number this year, so don't wait till they're all gone.

Putting off may mean I won't have a single copy to send to you. Write TODAY—Now—while you think of it.

**S.H. Emerson,**  
Emerson Mfg. Co.  
Rockford, Ill.

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Can be made of whole wire than of cut wire. That's why Advance is the strongest fence. Our stay wire is NEVER cut, but runs continuously up and down across the fence for many rods without an end. Thus we preserve ALL the strength of the wire, fully half of which is wasted in cut stay fences—sacrificed to convenience and speed in manufacture.

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**WE PREPAY FREIGHT** and guarantee safe delivery of your shipment. Write today for our Fence Book and Freight Paid Prices.

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34 Old St., Peoria, Ill.



**Succeed with a Successful**

**Results**  
are what you want. So get the proven machine, and don't waste time and eggs experimenting. You'll not fail with

**Successful INCUBATORS and BROODERS.**  
Closest to nature of all machines. Guaranteed to hatch the most and strongest chicks and to bring most to maturity. Incubator and poultry catalog free. Booklet "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper 1 year, 10c.

Des Moines Incubator Co.,  
Dept. 60,  
Des Moines, Ia.

**PAGE Poultry Fence**

Strongest, best on the market. Fences poultry in, stock out, and lasts. Costs less erected than common netting, because it requires no boards at top or bottom and so few posts—one every 50 feet. You can't afford to buy poultry fence without investigating Page. Write for descriptions.

Page Woven Wire Fence Co.  
Box 776, Adrian, Mich.

**\$10**  
Buys a 240 Egg Incubator

120 EGG SIZE	66.50
60 EGG SIZE	34.00
100 CHICK OUTDOOR BROODER	35.00
100 CHICK INDOOR BROODER	34.00

**DON'T PAY HIGH PRICES**  
When you can get Reliance Incubators and Brooders at the above figures. No other machines hatch or raise more or stronger chicks. They are sent complete. You pay for no extras. Send for Free Catalog, containing our guarantee of satisfaction or your money back, and explaining how we can undersell all competitors. Lists everything you need to succeed with poultry, at lowest prices.

Reliance Incubator Co., Box 537, Freeport, Ill.

**\$11.75**  
Buys a 240 Egg Incubator. The easiest and easiest hatcher made.

**The Famous IDEAL INCUBATOR**  
240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than 1¢? Let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's free.

J. W. MILLER CO., Box 305, Freeport, Ill.

**INCUBATORS 40 DAYS FREE TRIAL**

**\$8**  
The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

**GUARANTEED FOR 10 YEARS**  
Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not well we claim return it at our expense. Write for complete FREE catalog of Great Western Incubators and brooders.

**GREAT WESTERN INCUBATOR CO.**  
914 Liberty St., Kansas City, Mo.

**AMERICAN INCUBATOR**

240 Egg size	\$11.00
120 Egg size	\$7.50
60 Egg size	\$5.00

Brooders too low to price here. Iron bound. Personal guarantee of their superiority. All about the best incubators, brooders, poultry and poultry supplies, with prices, in our free book. American Incubator Co., Box 112, Freeport, Illinois.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## POULTRY PARAGRAPHS.

The four signs that point to success are grit, pluck, energy and perseverance.

Mistakes are object lessons. It is the wise man who will profit by them. Fools never learn.

Success is not measured altogether by capital. There is a profit in anything you take care of.

The broiler business is very exacting. It requires constant care, careful nursing, and eternal vigilance.

The British market prefers the American turkeys to those from any other point, claiming the flesh is whiter, sweeter and higher flavored.

When an egg has a hard, metallic sound when struck, it is claimed by some experts, it will not hatch. The egg with a dead, chalky shell, is equally worthless.

Filth is a stumbling block. The man who will not keep his poultry houses in a good, sanitary condition, must expect to have sickness in his flocks. Disease has driven many a man out of the poultry business.

Inbreeding is a crime. It degenerates stock, enfeebles the constitution, and cripples the egg yield. The fancier may find merit in it, but not the market poultryman. He is better off when he introduces new blood each year.

Don't become jubilant over the fact that you have a hen that lays double-yolked eggs. It is not to her nor your credit. It means that she is out of condition, that you are feeding to heavy of a feed of a very fattening nature. Cut it out.

Over on Long Island they place the feed for young ducklings on feed sacks instead of in troughs. After the meal is over the sacks are gathered up, and when very dirty are washed. The duck raisers are well pleased with its convenience and safety.

Credit is due the fancier for producing the good breeds we have, and for maintaining their characteristics, but it remained for the poultryer to develop in these breeds good egg records and a large winter production. These two factors in poultry culture must work together.

The game fowl ranks with the best for table purposes, and yet the game has taken no prominent place in market poultry culture. The reason for this is that as a class they are poor layers, and it would be too expensive to keep them in large numbers to produce stock.

Quality rather than weight fixes the price for dressed poultry. Do not blame the commission man if you do not realize on your shipment what you expected. Ten chances to one you have sent something that is hard to sell. Prime stock meets with ready sales at good prices.

Carrying chickens by the legs, heads down, is a cruel, barbarous practice, especially if the fowls are fat. The proper way is to have the body under your arm, with the head to the back of you, and feet firmly held with the hand. In this way they can be carried a long distance and with no discomfort to the fowl.

The refrigerator trade allows speculators to palm off frozen and thawed-out stock, to an unsuspecting public, as fresh. After being frozen solid for months, these chickens are brought out of the refrigerators and placed into cold water, where they are allowed to remain for a time. When they are taken out they look as fresh as just-killed stock, but the flavor is all gone.

An authority says that one of the causes of loss of customers and loss of confidence on the part of those who purchase strictly fresh eggs, is the fact that an occasional nest egg will find its way into the egg basket. Now it is admitted that such an accident may happen and occur only once, but that once is sufficient to destroy a reputation gained by years of care. Why have a nest egg? They have no influence on the hens' lay-

**Save 2/3 Expense**

More than 2/3 saved in oil and time by using the X-Ray Incubator. One filling of lamp makes the entire hatch. Egg tray not removed during the hatch. Glass top, and thermometer in plain sight. Lamp need not be removed during the hatch. Automatic wick trimmer, chimney need not be removed. Flame is turned down automatically when hot enough. Eggs aired and turned by simply lifting the lid. The X-Ray Incubator is entirely different from other incubators. You should know about this before buying. Catalogue free.

**THE X-RAY INCUBATOR CO.**  
28th St., Wayne, Nebraska

**OLD TRUSTY**  
INCUBATORS AND BROODERS

Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on **40, 60 AND 90 DAYS' TRIAL** and Five Years' Guarantee.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

**SEND FOR JOHNSON'S BIG BOOK**  
Chock-full of common-sense chicken talk and straight from the shoulder money-making suggestions. 300 illustrations. It is free. Write today sure, and get his special offer.

**M. M. JOHNSON CO., CLAY CENTER, NEB.**

**HATCH ALL Incubators Will Hatch Your Eggs**

It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

**OUR HOT WATER, EASY TO CLEAN, BROODER**

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

**HEBRON INCUBATOR CO., Box 8, HEBRON, NEBRASKA**

**Racine Incubator**

The practical, serviceable kind. Automatic regulator; self-ventilated; nursery; no moisture. Built by a man who devoted 25 years to nothing but incubators. It can be operated successfully by anyone, anywhere. There lies the great value of the Racine. Don't buy without reading our remarkable Incubator Book—written by the man who made the Racine. It tells facts that you must know to get the right incubator. It's free. Write for it.

**Racine Hatcher Co., Box 135, Racine, Wis.**  
We have Warehouses at Detroit, Buffalo, Kansas City and St. Paul.

**\$7.00** Freight Prepaid, **120 EGG**  
Buys the Best Incubator Ever Made.

**\$4.50 Buys the Best 100-Chick Brooder.**

Both Incubator and Brooder, if ordered together, cost but \$11.00. Double cases all over; best copper tank; hot water; self regulating; satisfaction guaranteed. Our book, "Hatching Facts," tells all about it. Mailed free. Write for it.

**Belle City Incubator Company, Box 52, Racine, Wisconsin.**

**125 Egg Incubator and Brooder** Both For **\$10**

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

**WISCONSIN INCUBATOR CO., Box 71, Racine, Wis.**

**WRITE TO US BEFORE YOU BUY AN INCUBATOR**

We Can Save You Money only \$7.90

We buy material to the best advantage. We manufacture at lowest expense. Victor machines give you most for your money. Just say on postal "Send Victor Book" and tell us the size machine you want and let us give you our special prices. Geo. Eriel Co., Quincy, Ill.

**BIG MONEY IN POULTRY.**

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties, quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

**FRANK FOY, BOX 9, DES MOINES, IOWA.**

breeds, and it is up to you to get it out of them.

Black-legged fowls for roasting; white-legged ones for boiling, was an English opinion expressed fifty years ago. The leading roasting fowls we have today are the black-legged Langshans, the yel-



low-legged Brahmas, and the white-legged Dorkings.

Don't let the "mental impression" theory worry you. There is nothing in it. The best impression you can get on your mind is to give the stock the best of care.

Talking of ducks, calls to mind the general belief that duck eggs are strong and not suitable for culinary purposes. In the household of the writer duck eggs are used in making cakes, omelets, cooking generally, and they are also relished fried. For making plum puddings, or any kind of puddings, they are more eco-

nomical than those of fowls, being larger in size and richer. One duck egg in this particular is equal to two hen eggs.

Pluck wins. A lazy man will have lazy fowls. A good poultryman never gets the "blues."

Poultry and horticulture make fairly profitable side lines, but I really think that it requires a specialist to make either one very remunerative.

Don't raise bones and feathers alone—get meat on the carcass. There are too many scrawny specimens shipped. The market is ready to pay the price for prime stock.

Never buy a "100 capacity" brooder with the expectation of rearing 100 chicks in it. You will never do it. No more than fifty chicks should be placed in any brooder.

Never eat a chicken the day it is killed. The tenderest fresh-killed chicken will be tough as soon as the animal heat has left the body. But in about twelve hours, when the muscles relax, it is fit for food.

It is better to buy the poultry farm on instalment than to pay rent. There is nothing so stimulating to success as the fact that each month you are accumulating something. It is the right way to true independence.

The farmer can produce a pound of chicken just as cheaply as he can a pound of beef, pork, or mutton, and it always brings a better price. Why, then, not give this branch of our business more attention? With good laying stock eggs can be produced at a handsome profit. Instead of a farmer having twenty-five or thirty hens he ought to keep 200 or 300, or more, as his fancy and the size of his farm permits. If hens are kept in this way in connection with other live stock, farming will be more of a business and the farmer will be better satisfied with the returns from his farm.

A pound of green cut bone is sufficient for sixteen hens one day, which, according to prevailing prices, means that one cent will pay for the bone for that number of fowls. If one quart of grain be fed at night to sixteen hens, and one pound of bone in the morning, it should be ample for each day in the winter. Of course a variety is high-

## COME INTO THE FOLD.

Be one of the successful poultrymen. Our people make money out of chickens. They run  
**The Petaluma Incubator**  
and Brooder too. Perfect regulation of heat, air and moisture. Awarded Gold Medal St. Louis and Portland Expositions. The catalogue is free. Write for it.  
**PETALUMA INCUBATOR CO., Box 3, Petaluma, Cal.**

**FOR SALE:** Live deer, all ages, California quails, forrests, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, milk, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock.  
**Deer Lake Park, Severy, Kan.**

**Hatch Chickens by Steam with the EXCELSIOR INCUBATOR OR WOODEN HEN**  
Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made.  
**Geo. H. Stahl, Quincy, Ill.**

**Hatch 'Em Easily**  
Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is guaranteed. Glad to send free my handsome, new, illustrated catalog. Write now to Emil Ochauer, Box 17, Sutton, Neb.

**60 DAYS TRIAL**  
gives you an opportunity of taking off two hatchers and thoroughly trying machine. Send back if not satisfactory. Send for free illustrated catalog.  
**AMERICAN BROODER CO. Box 38 Racine, Wis.**

**POULTRY PAYS** Our Book, "Poultry for Pleasure and Profit" showing 35 best paying varieties mailed for 10 cents.  
**Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.**



# Linofelt

It Keeps Your House Warm

## You Can Build Your House But Once

A little false economy in selection of materials will mean big losses in the years that follow.

# LINOFELT

keeps the heat in, and saves 40% of your fuel cost.

By actual test, 44 per cent. more heat passed through walls where building paper was used than through walls of similar construction using Linofelt.

Linofelt is a blanket of degummed Flax Fibre quilted between two sheets of rosin-sized paper.

It is clean, antiseptic, odorless and vermin proof.

To cover your house from foundation to ridge-pole with Linofelt will cost only a trifle when compared with the saving and comfort it will bring as long as your house stands.

If you are planning to build, by all means investigate the merits of Linofelt.

Send for booklets and reports of scientific tests.

Just the thing, too, for Barns, Poultry Houses, etc.

**Unlon Fibre Company**  
16 Harvester Ave.  
Winona, Minn.

*"The Recollection of Quality Remains Long After the Price is Forgotten."*  
Trade Mark Registered



**Tool Requirements**

What do you expect of a hammer—a rightly formed handle that can't work loose or come off—a face you cannot batter—the true hang and balance for straight driving? Then you must get a hammer on which this name appears.

## KEEN KUTTER Tools

No matter what kind of tools you want, this name signifies that every requirement in quality and service will be met.

Keen Kutter Tools include not only Carpenter Tools of all kinds but also Forks, Rakes, Shovels, Hoes, Manure-hooks, Pruning-knives, Grass-shears, and all kinds of Farm and Garden tools. Each tool is the best of its kind and is guaranteed.

If not at your dealer's, write us.

**TOOL BOOKLET FREE**

**SIMMONS HARDWARE COMPANY,**  
St. Louis and New York, U. S. A.

ly desirable. Such a diet provides starch, fat, nitrogen, phosphates, lime and all the substances required to enable the hens to lay eggs. As an egg is worth about three cents in winter, it is plain that it is cheaper to feed bone than grain, as the greater number of eggs not only reduces the total cost, but increases the profit as well.

### POINTERS.

—Mr. C. L. Cole, of Geneva, Iowa, is offering Mammoth Bronze turkey toms and Single Comb Brown Leghorn cockerels for sale in his advertisement that appears on page 14 of The Homestead.

—Mr. F. W. Johnson, of Luther, Iowa, is offering for sale Single Comb Brown Leghorn cockerels, scoring from 92 to 94%, on page 14 of The Homestead. He also has eggs for sale from pens properly mated.

—Mrs. R. Van Der Wert, of Lacey, Iowa, is closing out her Barred Plymouth Rock cockerels. Those she has left, so she advises us, will please her customers. Her new advertisement appears on page 14.

—The advertisement of Mr. H. M. Almy, of Greenwood, Neb., will be found on page 14 of The Homestead. He advertises fourteen Toulouse geese and eggs and will have White Wyandotte eggs for sale in season.

—Mr. C. G. Good, of Ogden, Iowa, writes: "I still have some nice Barred Plymouth Rock cockerels that will be sold at a great bargain, quality considered. Write your wants." Mr. Good's advertisement appears on page 14.

—Mrs. Anna Dockey, of Pilot Mound, Iowa, can still furnish Barred Plymouth Rock cockerels to Homestead readers. Those wanting something fine should write her, stating what is wanted. Mrs. Dockey's advertisement appears on page 14.

—Large, blocky White Wyandottes, great winter, as well as summer, layers, are advertised for sale in the North Western Poultry Yards' advertisement that appears on page 14. The company is located at Preston, Iowa, and will send free illustrated folder for the asking.

—Mr. H. H. Hiniker, of Mankato, Iowa, breeds fifteen different varieties of chickens, ducks, geese and turkeys. He also has incubators, brooders and poultry supplies. Send two cents for large incubator and poultry catalog as per advertisement on page 14.

—Eggs for hatching, from pure-bred White Wyandottes, White Holland turkeys and Toulouse geese, are offered for sale by the Forest Home Poultry Farm of Audubon, Iowa. Their advertisement appears on page 14 of The Homestead. Write them for circular.

—Mr. Robert Hunt, breeder of Barred Plymouth Rocks and Mammoth Bronze turkeys, of Earlville, Iowa, writes: "I have several trios of Mammoth Bronze turkeys I am closing out at \$11 per trio and also a few Barred Plymouth Rock cockerels that I am closing out at six for \$5."

—Mr. H. C. Clymer, of Bertram, Iowa, announces in his advertisement on this page that he has fifteen extra fine large young Mammoth Bronze turkey toms for sale. They will weigh from twenty-five to thirty pounds each and are of the noted Giant Jumbo King strain. Write Mr. Clymer your wants.

—Mrs. C. F. McLoehlin, of Gray, Iowa, reports that she is all sold out of White Wyandottes and that she is now ready to receive orders for eggs at the price named in her advertisement on page 14. She still has four fine White Holland toms, weighing eighteen to twenty pounds, and two trio of ducks which she is offering at \$3 per trio.

—Mrs. D. C. Molsberry, of Plymouth, Iowa, whose advertisement appears on page

## LOW ONE-WAY RATES

VIA

### UNION PACIFIC

FROM

### Missouri River Terminals

(KANSAS CITY TO COUNCIL BLUFFS, INCLUSIVE)

## EVERY DAY

MARCH 1 to APRIL 30, 1907

\$25.00	to San Francisco, Los Angeles, San Diego, and many other California points.
\$25.00	to Everett, Fairhaven, Whatcom, Vancouver and Victoria.
\$25.00	to Portland, Astoria, Tacoma and Seattle.
\$25.00	to Ashland, Roseburg, Eugene, Albany and Salem, including So. Pac. branch lines in Oregon.
\$22.50	to Spokane and intermediate O. R. & N. points to Wenatchee and intermediate points.
\$20.00	to Butte, Anaconda, Helena, and all intermediate main line points.
\$20.00	to Ogden and Salt Lake City, and intermediate main line points.

Low Colonist one-way rates, also in effect to many points in Nebraska, Kansas, Colorado and Wyoming, February 19th and every Tuesday in March and April.

For full information inquire of

J. W. TURTLE, T. P. A.,

313 W. Fifth St.,

Des Moines, - - - Iowa.

14, writes: "I have had good results from my advertisement in The Homestead. I am all sold out of turkey pullets, but still have some fine young toms that are well marked and large boned, weighing from twenty-eight to thirty pounds. One big fellow weighs thirty-two and one-half pounds. I have a few Silver Laced Wyandotte and Black



Cochin cockerels that I will sell, as I need the room."

—The Dean Swift Poultry Company, of Des Moines, Iowa, announce on this page that they wish to buy Buff Orpington and Rose and Single Comb Rhode Island Red eggs in large lots. Those of our readers who have eggs of either of these varieties for sale should write them, giving lowest price and the number they will probably have to dispose of.

—We start the advertisement this week of Mr. Orlando Jacobs, of Mediapolis, Iowa. Mr. Jacobs' Single Comb Brown Leghorns are of the Kulp strain. He writes: "My birds were winners of all firsts and specials at the Winfield poultry show. Every bird is a true Leghorn and all eggs shipped will be strictly fresh and all customers will be treated right."

—Mrs. Floy Collins, of Viola, Iowa, in furnishing copy for her new advertisement found on this page, writes: "I have some of the finest penciled, heavily feathered, well-shaped Partridge Cochins females I have ever seen. The males are just as good for size. They cannot be beat by the best. My White turkey hens weigh eighteen to twenty pounds each; toms, thirty-four pounds."

—We re-insert the advertisement of Mr. M. S. Helland, of Slater, Iowa, on this page of The Homestead. Mr. Helland breeds Single Comb Buff Orpingtons of the Cook strain. He has two pens from which he can furnish eggs this season. The scores of the fowls range from 92½ to 94 points. He is now booking orders for eggs and has scored stock for sale. Write him for circular.

—Mrs. J. C. Webber, of Montezuma, Iowa, writes that she still has some fine Barred Plymouth Rock cockerels for sale. She has been selling them at \$3 for choice, \$2 for second choice or three for \$5. She has others at \$1 each or six for \$5. The Light Brahmas she is selling at \$2.50, second choice \$2, others at \$1. Her Light Brahma pullets she is selling at \$1 each. See advertisement on this page.

—Mr. Samuel Bone, of Montezuma, Iowa, is quoting prices on Barred Plymouth Rock eggs in his advertisement that appears on this page of The Homestead. Mr. Bone's Plymouth Rocks are of the Thompson and Bradley Bros. strains. He can fill orders promptly and will guarantee satisfaction. He writes: "Our poultry are in the best of health and laying well. We are putting a very low price on eggs this season. We sell our own eggs and set from the same. Early orders will be promptly filled; send them in now."

—In advising us to start her advertisement, which will be found on this page of The Homestead, Mrs. J. H. Allen, of New Sharon, Iowa, breeder of Black Langshans, furnishes us the following from Mr. Henry Goedicke, of Spencer, Iowa: "The cockerels arrived yesterday O. K. We are well pleased with them. They are fine birds, better than we expected for the money. We shall certainly speak a good word for the way you served us." The price at which Mrs. Allen can furnish unscored or scored cockerels will be found in her advertisement.

—"My Barred Plymouth Rock cockerels," writes Mrs. James Cockerton, of Whiting, Iowa, in furnishing copy for her advertisement on this page, "will be quoted at bargain prices to make room for my breeding stock. My Toulouse ganders are extra large, deep-bodied fellows and I will give all letters of inquiry and orders for eggs prompt and careful attention. I guarantee my stock to be as represented and will satisfy all reasonable persons. I will be able to supply eggs a little later in the season from carefully-mated yards in incubator lots or by the sitting."

—Messrs. Whisler Bros., of Fairmount, Iowa, are offering choice Mammoth Bronze toms and hens for sale in their advertisement on this page. In sending copy they write: "We have a good lot of birds, all scored, good bone, long broad back and breasts with fine markings. They are the best lot of Mammoth Bronze turkeys we ever raised and will be quoted at reasonable prices. They are sired by the best tom we ever owned as to markings, bone, style, etc. He weighs forty-five pounds, scores 95½ as a young tom and we believe would score now 96½ or better. We think enough of him to keep him over."

—Mr. W. J. Applegate, of New Sharon, Iowa, in ordering a change in his advertisement this week, writes he has sold out all of his cockerels but six which are extra fine birds scoring from 90 to 91½ and is offering them at the extremely low price of \$3 each. Mr. Applegate has been a continuous breeder of Barred Plymouth Rocks for the past sixteen years and has built up a reputation for his stock which is seldom excelled. He believes in the theory of like producing like and by carefully carrying out this theory has produced one of the very best strains of line-bred poultry in the world. Judge J. L. Todd says: "Mr. Applegate has the best flock of Barred Plymouth Rocks I have visited this year." Mr. Applegate is advertising three dozen of his pullets at a very low price and assures all his patrons perfect satisfaction. His advertisement will be found on this page.

## POULTRY.

**HOLT POULTRY COMPANY.**  
30 VERY choice B. P. Rock cockerels for sale, \$1.50 to \$5.00 each. Hawkins and Bradley strains direct; 13 leading varieties. Circular free. Benton J. Holt, Box 7, Pleasantville, Iowa.

**THIRTY-FOUR** Mammoth Bronze toms at \$5.00 each. Good Rouen drakes at \$1.50 each. J. H. Howarth, Moulton, Iowa.

**FOR SALE**—White Holland turkey toms and Buff Cochins cockerels and pullets. Peter Gelger, Minden, Iowa.

## DOGS.

## A Fine Yearling Fox Terrier

**FOR SALE**—He is well trained, a great ratter and has an excellent nose. He is well bred and priced right. Write  
**C. C. DRAKE & SON,** - La Harpe, Ill.

## POULTRY.

**400** Barred Plymouth Rocks for sale. Large boned and nicely marked. Sexes scoring 91 to 93 points. 18 M. B. Turkeys, large boned and nicely marked; sired by that great first prize winning tom, scoring 98½ at Newton and Monroe Poultry shows, 1906. Won 9 first prizes. Nothing but first-class stock shipped. J. W. Wagner, Monroe, Iowa.

**50 FINE**, large Barred Plymouth Rock cockerels yet for sale, also 2 dozen hens and pullets, a fine lot of Pekin ducks, both drakes and ducks, weight 7 to 9 pounds and scoring 97 to 98. Will sell cheap to close them out. Mammoth Bronze turkeys and Toulouse ganders all sold. Write Mrs. Silas Cobbs, Evergreen Poultry Farm, Marabon, Iowa.

**Mammoth Bronze Turkeys at Special Prices.**

**THEY** are good, large bone, good shape, good white markings and extra bronze. Score card with each bird. Eight Pekin drakes. Barred Rocks all sold. Eggs in season. Mitchellville, Iowa.  
**G. M. GRINSTEAD.**

**MAMMOTH BRONZE** White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

**60 BARRED** Plymouth Rock cockerels, \$1.00 to \$3.00 each. Are of Bradley and Russell strains, are large bone, well barred to the skin, weight from 7 to 10 pounds, are from birds scoring from 91 to 91½ points and from cockerel that won first at Des Moines State Fair. Address, Geo. Bonewell, Grinnell, Iowa.

## B. P. ROCK EGGS FOR HATCHING

**FROM** Bradley Bros. strain. For orders received before March 20 will price them at 13 for \$1.50, 45 for \$3.00, 100 for \$6.00. Cannot guarantee to fill orders after March 20th. Geo. H. Lawshe, R. 3, Harlan, Ia.

**I HAVE** a fine lot of cockerels from Barred Rocks, Silver Laced Wyandottes and Light Brahmas that I will sell at December prices; just drop me a card. Wm. Michael, Lawler, Iowa.

## RICHARDS' BARRED ROCK EGGS

Send for free circular.  
**H. Richards & Son,** - Toledo, Iowa.

**ROSELAWN FARM.**  
**WHITE** Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

**SINGLE COMB** W. Leghorn cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Paton, Iowa.

**BARRED PLYMOUTH ROCK** cockerels. Bred for bone and fine plumage. The kind that weighs. Price \$1.00 to \$2.00. Address, Chas. H. Meyers, Cincinnati, Iowa.

**BLACK LANGSHANS**—In order to close out I will sell unscored cockerels from high-scoring stock for \$1.00 and \$1.50 each. Address, S. L. Parkhurst, Lacey, Iowa.

**ROSE COMB** Brown Leghorns, exclusively. Cockerels from high scoring stock \$1 each, 6 for \$5. Eggs \$3.50 per 100, \$6 per 200. R. R. Stewart, Charles City, Iowa.

**MRS. J. W. BLOXHAM**, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. 1, Grundy Center, Iowa.

**MAPLE GROVE** Poultry Farm. Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. E. A. Newell, R. 6, Audubon, Ia.

**MAMMOTH** Bronze turkeys, large boned, well marked young toms \$5 to \$8, hens \$3, pullets \$2.50. W. P. R. cks., \$1 each. Sterling Martin, Melrose, Ia.

**S. C. B. Leghorn** cks., from stock scoring to 93½. S. While they last \$1.50 to \$2. No more egg orders booked this season. Nettie Crane, Blencoe, Iowa.

**UPLAND** Poultry Farm eggs at Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Iowa.

**40 BREEDS** hardy, thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. Catalog free. R. R. Neubert, Mankato, Minn.

**200** Barred Plymouth Rocks, scoring 89 to 92, bred for laying and fine plumage, large and vigorous. \$1.00 to \$5.00. C. G. Good, Ogden, Ia.

**CHOICE** Mammoth Bronze turkeys, both sexes, large boned, fine plumage, best strains. Prices reasonable. Mrs. C. C. Kitz, Madelia, Minn.

**LIGHT** Brahmas, ten pound scored cockerels with true Light Brahmas shape and size, two leading strains. E. E. Condit, Newton, Iowa.

**LIGHT** Brahmas, White Wyandottes, White Holland turkeys, Pekin ducks. Pure bred, large, No. 1 stock. E. S. Dyas, Bellevue, Iowa.

**S. C. BROWN** Leghorns and Barred Rock cks., \$1. Single bird \$1.25, two \$2.25, three or more \$1 each. Franz Bollman, Wall Lake, Iowa.

**SILVER-LACED** WYANDOTTES, Pekin ducks, choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

**CHOICES** S. L. Wyandotte cockerels of good size, also S. C. B. Leghorn cockerels. Mrs. B. De Jaeger, R. F. D. No. 6, Waterloo, Iowa.

**20 FINE** Black Langshan cks., \$2 to \$4, from stock scoring to 95. Eggs 20 for \$1.00, \$4.00 per 100. Mrs. Geo. Tutt, Marabon, Iowa.

**IMPERIAL PEKIN** DUCKS, Barred Plymouth Rocks, prize-winners, extra large size and high-scoring. Fred Post, Moulton, Iowa.

**100 FULL BLOOD** Black Langshan cockerels, \$1.00 each. B. F. Read, Route 1, Blairburg, Iowa.

**CHOICE** S. L. Wyandotte cks., W. Wyandottes, Lt. Brahmas, both sexes for sale. Mrs. Edith Eggabroad, R. 1, Grundy Center, Ia.

**WHITE** Wyandotte cockerels, unscored. \$1.25 for 1, two or more \$1 straight. Mrs. L. M. Eetes, Route 2, Audubon, Iowa.

**LIGHT** BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spatti, Box 7, Pleasantville, Iowa.

**400** BARRED Plymouth Rocks and White Wyandottes, cockerels and pullets. W. C. Frazier Atlantic, Cass Co., Iowa.

**"SPECIAL** high-class snappy lot, Barred Rocks, cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

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## Phillips' Black Langshans.

**I HAVE** a fine lot of young stock that I wish to dispose of at once and will make the price right if you will write me just what you want in quality. If you want Langshans I have them. They score from 90½ to 95½ at \$2.00 and up. I guarantee the quality of my birds, so you take no chances in purchasing from me. Unscored cockerels from \$1.00 to \$1.50 each.

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Barred P. Rocks  
E. B. Thompson Strain.

**LARGE**, heavy boned birds for the farmer and fancier. Scored by Heimlich. Will sell at public sale, February 28th, Poland China bred sows and Shorthorn cattle. Farm joins Alta, Iowa. Telephone No. 87. Write for catalog.

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All good ones and from the very best of stock.  
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**15 BREEDS** farm raised chickens, ducks, geese and turkeys; incubators, brooders and poultry supplies; send 2 cents for large incubator and poultry catalog. Address  
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**PURE** bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-H Audubon, Ia.

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## Mammoth Bronze Turkeys.

**SIRIED** by a 96-point, 45-pound tom. Toms, \$5.00, hens, \$3.00.  
**GUY W. OFFILL,** - Prairie City, Iowa

**WE** have about 150 B. P. Rock pullets and cks. for sale from stock scoring to 92. We are crowded for room and will sell low. Also have a few young M. B. toms. Henry Schlatter & Sons, Lawler, Iowa.

**ROSE COMB BROWN** LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

## EGGS FOR HATCHING

**\$1.50** PER 15 of the Golden Buff Plymouth Rocks and Golden Buff Orpingtons. Good hatch guaranteed. A. C. Harre, Belmond, Iowa.

**CHOICE** M. B. Turkeys, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strain; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

**SILVER** Comb Brown Leghorns, Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

**WHITE** P. Rocks, B. Langshans, S. L. Wyandotte cks., scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora E. Berger, Harlan, Ia.

**MAMMOTH** Bronze turkeys, descendants of a 52 lb. tom. White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

**BUFF** Rocks for sale.—150 pullets, hens, cocks and cks., scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steddon, Lacey, Ia.

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**FOR** sale, M. B. turkeys, fine young stock. Hens weigh from 15 to 18 lbs., toms 25 to 28 lbs. Prices reasonable. Henry O. Miller, Bristow, Iowa.

**LIGHT** Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

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**MY** ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

**FOR** SALE—Eggs from White Wyandottes of fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

**MAMMOTH** BRONZE Turkeys, scoring from 94 to 96, Barred Rock cockerels, scoring 89 to 92½ pts. Mrs. P. L. Carroll, Hampton, Iowa.

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**WHITE** PLYMOUTH ROCK eggs, 15 for 75 cts., 30 for \$1.00, 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa.

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**BOTH** hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Dancer, Lamoni, Iowa.

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**LIGHT** Brahma cockerels and pullets. Barred Plymouth Rock cockerels at a bargain. Write me.

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**SIX** cockerels scoring from 90 to 91½ at \$3.00 each. Three doz. pullets that will score from 90 to 92 points, \$1.00 each or six for \$5.00; \$10.00 per dozen.  
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**FOR** SALE—My unscored cockerels are excellent and I will close them out at \$1.25 each. My scored cockerels score from 91 to 94 points and are fine vigorous birds. These I will sell at \$2.00 to \$2.50 and guarantee satisfaction in all shipments.  
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**EGGS** from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94, 15 eggs \$2.00, 25 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

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**BUFF** Orpington eggs, Rose and Single Comb Rhode Island Red eggs in large lots. Write stating what you have, giving lowest price. Deas Swift Poultry Co., Des Moines, Iowa.

**BARRED** Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92½ points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7½ to 11 pounds. Price \$1 to \$3. Write your wants to M. A. Easthouse, Hartley, Iowa.

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**HAS** 15 extra fine large young Mammoth Bronze turkey toms weighing 25 to 31 lbs. each. These toms are of the noted Giant Jumbo Klug strain. Write your wants.

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**A FEW** choice M. B. toms and hens for sale all scored and a fine lot; will sell reasonable for quality of stock. Address, Whisler Bros., Fairmount, Iowa.

**BARRED ROCKS** for sale, one hundred cockerels and 50 hens and pullets. Cockerels scored and unscored, scoring from 91½ to 88, 87, mating up breeding pens a specialty. Eggs in season, circular free. The Evergreen Poultry Farm, Mrs. Eva Girard, Schleswig, Iowa.

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**FOR** SALE—Extra choice Single Comb Brown Leghorn cockerels, \$1 each. A few fancy ones at \$2 and \$3. E. O. Wolcott, Ellmore City, Iowa.

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**OTTUMWA** Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

**BARRED** Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa.

**ROSE COMB** WHITE LEGHORNS. Write for prices.  
**M. T. McEvoy,** - Emmetsburg, Iowa

**FOR** sale, Light Brahma cocks and cks., White Wyandotte cks. and pullets. Eggs in season. Write wants to L. C. Dale & Son, R5, Webster City, Ia.

**FINE** P. Cochins cocks and cks., \$2 to \$5. Eggs, farm range \$1, 15; \$6, 100; fancy show pen, \$3. 15. Fancy W. H. turkey eggs, 25c ea. Mrs. Floy Collins, Viola, Ia.

**MAMMOTH** Bronze toms; Barred P. R. eggs, \$1.00 per 15, \$4.00 per 100; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Iowa.

**S. C. B. LEGHORNS**, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

**FOR** sale, Black Langshan cockerels at \$1.00 and \$2.00 each. Parent stock scoring high as 95 pts. Address, J. M. Cameron, Oskaloosa, Ia. &c.

**CLOSING** OUT SALE of Barred Rock cockerels. Score cards furnished. Prices right. Mrs. R. Van Der Wert, Route 2, Lacey, Iowa.

**FOR** SALE—Single Comb Brown Leghorn cockerels scoring from 92 to 94½. Eggs \$2.50 per 15. F. W. Johnson, Luther, Iowa.

**ROSE** Combed Brown Leghorn cockerels for sale \$6 for \$5.00, also eggs in season. Write for prices. F. Howman, Eldora, Iowa.



VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

SYMPTOMS AND TREATMENT.

BIG HEAD.

I have a twenty-months-old Belgian filly that began to split as if she had something in her nose. Along about the first of last July I examined her and found she had scarcely any air through her right nostril. About the latter part of August the bone began to enlarge under the eye, making the eye look smaller than its fellow. There is very little discharge and that only at times from the left nostril, resembling the white of an egg. The enlargement has gone down about one-third and seems to be drawing in the upper jaw bone, which is bulged out at quite an angle, giving her head a rather lop-sided appearance. She does not seem to have much air through that nostril yet. She was drinking water the other day and I noticed some of it came out of her right nostril, as it is apt to do with all horses. She had the distemper three times a year ago last spring. She has always been fat, and is full of life. I took her to a veterinarian and he told me he would have to cut a hole three or four inches long under the eye and chisel out the bone and also cut out or through the membrane of the nose; but as it was raining, said he would not operate on her until weather got settled. I have been putting off having it done, hoping that it might get well of its own accord. The colt has not been kicked to my knowledge. Any information you can give me in regard to this case will be appreciated.

There is a possibility that the disease may be "big head" (osteoporitis) in which case an operation would do no good, but if the disease is simply a thickening of the membranes lining nostril and sinuses of the face, with implication of the bones of parts involved, trephining proposed by the veterinarian will give per-

haps the only hope of recovery, although repeated blistering of the face under eye sometimes causes re-absorption of enlargements. As the veterinarian, whose card you enclose, is a competent graduate, we would, however, feel perfectly safe in leaving the proper method of treatment to his best judgment. All things considered the ease is a most unsatisfactory one to treat.

FEEDING COAL ASHES TO HOGS.

I should like to know if feeding hard and soft coal ashes to hogs will do them good or harm. Can they be given too much, or should they have all they want to eat?

Wood charcoal or charred corn cobs would be preferable to coal ashes which contain practically no carbon and some impurities which might prove injurious. When hogs have depraved appetite from indigestion, worms or sickness they might take more ashes than would be good for them and it is doubtless best to limit the use of the ashes by giving them but once or twice a week. Coal is better than ashes as a corrective for hogs; wood ashes have a stronger effect in ridding them of worms.

CALF CHOLERA.

What is the matter with my calves? They appear to be all right when born, but when one or two days old they are dumpish and do not care to get up or drink. After sucking or drinking they appear worse. Their eyes become sunken, the nose is blood red and they scour some. Those affected are sure to die in a few days. My cows have the same care that I have practiced for years.

The disease is due to germs born with the calves or introduced into the system by way of the raw navel cord at birth. The latter cause is most common. Clean up, disinfect and whitewash all stables and provide a new perfectly clean, sunny, perfectly ventilated pen for accommodation of new born calves. When calf comes, immediately wash its belly with a 2 per cent solution of coal tar disinfectant and wet its navel with a 1-500 solution of corrosive sublimate. Repeat the latter treatment twice daily until navel is completely healed. Cows should not be fed corn, but should have plenty of ground oats and bran along with other good food.

LAMENESS.

Can you tell me the trouble and remedy for my work mare seven years old? About eight weeks ago she got lame in her left hind leg and is still lame when she trots. I took her to a veterinarian who advised blistering on the stiffl joint. I did this and she is just as lame as ever.

We are unable to throw any light on this case of lameness, as you do not even tell us the symptoms of the trouble nor how it occurred. As the blister has done no good it probably has been put on the wrong place and a more careful examination will have to be made to locate the true seat of the lameness.

SNUFFLES.

Can you tell me what is the matter with my hogs and what to do for them? They sneeze and their noses grow crooked. They got this sickness when they were small. They eat and drink, but they do not grow. They are seven months old and weigh twenty pounds apiece. My shoats all sneeze. I disinfect once a week and have done so for over a year. I feed salt and copperas mixed; also feed turpentine in swill. I thought perhaps this condition came from the ground, so I put a floor in the hog house, but this did not help it any.

The disease is incurable and apparently hereditary and akin to rickets. It is best to destroy affected pigs as they fail to thrive. Your practice of disinfecting is first class, only coal tar is not effective and a coal tar disinfectant should be used instead, and in addition all woodwork of pens, etc., should be whitewashed at least twice a year. Hogs should be sparingly fed on corn while growing and should have free range on grass, clover, rape, etc., during summer. A change of blood is indicated and we would reject any sow that had produced affected pigs and use a new strong boar from a distant part where there is a more bracing climate.

THIN COLTS.

(1) Could you tell me what is the matter with my colts? I have three spring colts that were weaned in October. One of them is doing all right, but the other two are getting poor and their hair has commenced to lie the wrong way. They are fed twice a day three ears of corn and two quarts of oats apiece and have the run of stalk and meadow field through the day. Have fed them a bucket of stock food, but it has done no good. (2) I also have a ten-year-old mare that is in the same condition.

(1) Stop feeding corn to colts and keep them out of the stalk field; also stop feeding stock food. Substitute for corn a mixture of two parts oats and one part wheat bran and add gradually a little dried blood meal. Also feed well on best of hay and fodder. They should have the run of a sheltered yard and be allowed free access to a "lick" of common

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Is there any reason on earth why you should continue to make this work the hardest kind of drudgery by *walking* over plowed ground?

Or riding one of those crude carts that twist and turn and jerk you about until you wish you had walked?

No, Sir,—there is no longer any excuse for saying that "harrowing is the hardest work on the farm."

The new Rock Island Two-Wheel Cart has changed all that.

It offers you a pleasure you never enjoyed before—a ride behind a drag harrow that is just as comfortable as a ride on your Sulky or Gang Plow or your Cultivator.

LOOK at the man in the picture above. He's riding a Rock Island Cart, and he doesn't look a bit more comfortable and easy than he feels.

The feature that adds most to his comfort is the fact that he always faces the horses, no matter which way the wheels may be angled. Think what that means!

The swinging back and forth of the axle doesn't affect the driver a bit.

This is why: The platform for the seat is made of two circular plates, lower plate being bolted solidly to the axle.

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An automatic locking device, similar to that used on the rear wheel of a Sulky Plow, holds the parts in position while the cart is being drawn straight ahead.

But permits the wheels to angle either way while making a turn, or when either of them strikes an obstruction, without disturbing the driver in the least.

This feature is exclusive with the Rock Island Cart. No other harrow cart has it.

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One serious trouble with two-wheel carts is that in striking an obstruction which throws one wheel behind the other, the wheels do not quickly return to their correct position, but frequently slide along for quite a distance. This is why nothing of this kind can possibly happen with the Rock Island Cart!

The draw-bars are crossed and pivoted at the axle. While the axle can swing freely when one wheel of the cart strikes an obstruction, or when making a short turn, the axle and wheels are always perfectly controlled by the draw-bars in the same manner as the front wheels of a wagon are controlled by the tongue.

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A boy at \$8.00 or \$10.00 a month with a Rock Island Two Wheel Cart will do as much harrowing as a man at \$25.00 or \$30.00 will do without the cart. You, therefore, actually save the price of this useful implement two or three times over in a single month.

And when you consider that the Rock Island Cart will last ten or fifteen years, you see that the price, \$8.00, means an investment of 50 to 75 cents a year. Can you point to any other labor saving implement on your farm that pays you as big a dividend as this? Think it over, Neighbor!

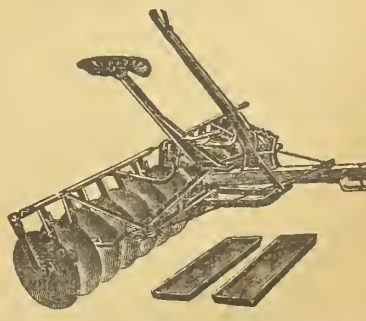
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salt, four parts; flowers of sulphur, two parts; dried sulphate of iron and ground gentian root, of each one part. The medicine is prescribed, as we feel pretty sure that worms are causing some of the trouble. (2) Treat mare in same way after having her teeth attended to by a veterinary dentist, but mix a tablespoonful of the powder mixture in her food

night and morning, unless she happens to be in foal; continue her medicine for ten days, then skip ten days and repeat.

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## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## SOME FACTS ABOUT CREAM SEPARATORS.

The Indiana Station has been investigating the separator problem somewhat extensively, and as a result has arrived at a few facts. These may be summarized as follows:

1. The use of the hand separator in the place of the gravity systems of creaming will effect a saving of \$3.50 to \$7.00 worth of butter fat from one cow in one year.

With the hand separator a richer cream

and a better quality of cream and skim milk can be produced than with the gravity systems.

2. Of the gravity methods the deep setting system is the least objectionable. It produces a more complete separation and a better quality of cream than either the shallow pan or the water dilution systems.

3. Any neglect to thoroughly clean the separator after each separation reduced the skimming efficiency of the machine and lowers the quality of the cream and butter produced. Wash the separator after each separation.

4. A trembling machine, insufficient speed, sour, curdled, slimy, or cold milk, and over-feeding the separator caused a loss of butter fat in the skim milk amounting to from eight to twelve pounds of butter per cow in one year.

5. Other things being equal, high speed and a small rate of inflow tend to produce a thick cream. Insufficient speed, a trembling machine and a large rate of inflow result in a thinner cream.

The figures given in the first item, namely that the hand separator will effect a saving of \$3.50 to \$7.00 per cow enables one to estimate how large the herd should be before it is safe and profitable to invest in a separator. On the basis given, a separator in a herd of ten cows would save somewhere in the vicinity of \$50 per year. This, of course, would pay good dividends on the price of many separators.

But there is another factor which must be taken into account in computing the profit in the use of a separator. We refer to the condition in which the skim milk is left after being run through one of these machines. If calves or hogs are being fed this product it is a very important item, because in hot weather it frequently happens that the milk fed does more harm than good. In many cases it is impossible, no matter how effective the cooling system may be, to prevent milk from souring even in as short a time as twelve hours, and sour milk is not a good food for a calf and there are those who do not believe that it makes a satisfactory food for a growing pig.

When a separator is used the milk is fed not only in a sweet condition, but it may be used while the animal heat is still retained. In the case of the calf this is an important item and one that adds to the feeding value of the milk by contributing to the thrift of the animal. It is nature's way to feed warm milk, and the nearer we approach this in our feeding methods the greater will be our success, other things being equal.

Then, the separator greatly lessens the labor of washing cans and caring for the milk generally. It certainly lessens the labor of the women on the farm, because separator work naturally falls to the men. The separator, therefore, not only gives an economic problem from several standpoints, but really overcomes a household difficulty, because the work connected with dairying is a real difficulty in the average home. Women have enough to do without attending to every detail of that business, and it is fit and

# 1 1/2 more butter

## 1 1/2 lbs.

If you can increase your butter production without any increased cost or any more work won't it pay you to do it? And if you can get more butter from you milk with less work, that will be still better, won't it? That's exactly what you can do if you will do as Mr. LEITING did—buy a Sharples Tubular Separator. Here's what he says about the Tubular:



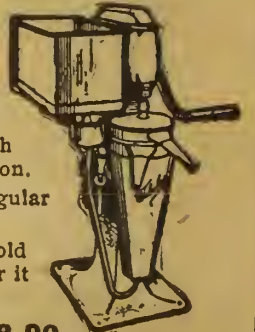
**MORE BUTTER  
MORE MONEY**

gets all the cream there is in the milk, does it so easy that it's not work to run it at all, and is so simple, with only one little part in the bowl to wash and keep clean that comparison is out of the question.

The extra cream it gets makes the Tubular a regular savings bank for its owner.

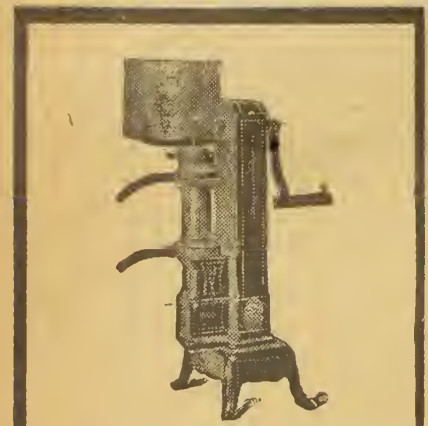
All the other good money-making points are told in book F-121, which you ought to read. Write for it today—we'll send it free to you.

**THE SHARPLES SEPARATOR CO.,**  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.



## The Sharples Tubular Separator

Randolph, Nebraska, Feb. 15th, 1906.  
Gentlemen:—On the 23rd day of January, 1906, I took a No. 4 Sharples Tubular Separator on trial. On learning that I was in the market for a cream separator, the agent for the disc style "bucket bowl" separator brought one to my farm and requested me to give it a trial before making a purchase. After giving both machines a fair trial, I concluded to keep the Tubular as I consider it far superior to the other machine. It skims closer, runs easier, and is very much easier to wash, there being so many less parts. From three skimmings of milk from 7 cows, we were able to make 1 1/2 lbs. more butter with the Tubular than we could with the "bucket bowl" machine. B. LEITING.



## A Cream Separator Without Cost

That is What We Offer You in the

## Iowa Dairy Separator

Repeated tests have demonstrated that the "IOWA" is the only Separator that takes out every particle of the cream. Therefore, given a certain amount of milk, for a specified length of time, and the additional amount of cream secured will pay for the machine.

Gold medals at World's Fair, and Portland attest the superiority of the "IOWA" over all others.

Made in all sizes from 250 to 750 pounds. Your name and address on a postal card will bring you a handsomely illustrated booklet with full information, price, list, etc. Write at once, for every day that finds you without an "IOWA" finds you losing money. Ask for catalog 25. Address,

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

## Why the Omega Cream Separator Will Give You the Best Results!

THE man who never heard of a horse, would think an ox-cart beat walking, a whole lot. Because he wouldn't know there was a better way.

Your great-grand-mother was perfectly content to spin flax by hand, because there wasn't any better way known at that time.

But that's no reason why you should shut your eyes to the better way, is it?

Now, we say to you that the Omega Cream Separator is as far ahead of other separators as sunlight is ahead of darkness.

A pretty bold claim, we will admit. But you can't really know whether our claim is the honest truth or more advertising clap-trap, unless you investigate.

We don't ask you to buy; we don't ask you to invest one cent. All we ask is the opportunity of proving to you the truth of our claims.

We are spending thousands and thousands of dollars in the farm papers of this country, inviting the farmers and dairymen of America to investigate our claims. And that's all we ask.

We would be pretty foolish to do it, if we couldn't "make good," wouldn't we?

Well, here's what we want to prove to you: We don't claim that the Omega, under ordinary conditions, will skim closer than all other separators;

We want to be fair and we admit that there are two or three machines that do as good work in this respect as the Omega.

But no separator ever built by man skims any closer.

And no separator ever made produces so fine a quality of cream.

You can get more money for cream from an Omega Separator—you can make better butter with cream from an Omega Separator—

Because the Omega Separator is the only separator that doesn't break up the globules of butter fat and whip them into a putty-like mass.

We can prove that to you.

Isn't it worth investigating?

Moreover,

By actual test no separator made turns nearly so easily as the Omega.

You can prove that by simply turning the machine.

But here's the explanation:

The Omega is the only separator that has a bearing at both the top and bottom of the bowl.

Other separators leave the top of the bowl—the place where the "wobble" is—without support.

Other separators are like your wheelbarrow

would be if you tried to use it with the axle supported at only one end.

Look at them! Isn't it true?

The Omega is able to have a bearing at the top of the bowl because it delivers both its cream and skim milk from the bottom.

It's the only separator that does this.

Others would imitate our method, but we hold the patent.

Moreover, again:

The Omega is the simplest cream separator made.

Now, we know that every manufacturer who ever made a machine of any kind, no matter how complicated it was, immediately got up and howled about its simplicity.

Sometimes, however, he was counting more on the simplicity of his heavers, than on the simplicity of his machine.

All we ask is that you investigate the Omega and compare it with any other under the sun.

You will find that others require as high as fourteen different tools, wrenches, punches, rods, etc., for their daily care, while you need nothing but

THE OMEGA SEPARATOR CO., 35 Concord St., Lansing, Mich.



your ordinary, every-day bowl wrench for the Omega. And this simplicity, of course, saves in repairs and makes the Omega long-lived. That's why the first separators we ever made and sold, 15 years ago, are still in use, and giving good service.

But good gracious!

It's costing us a lot of money to talk to you here. Let's cut out the talk and get together.

Summed up, all we want to say is the one word

**INVESTIGATE.**

You are just as anxious to get the best separator as we are to sell the Omega. We make stronger claims than any other manufacturer dare make and we stand ready to prove them. Make us prove them!

It won't cost you a cent to investigate and it means dollars to you. Send us your name, tell how many cows you keep and get our free book, "More Milk Money," with Omega Catalogue and proofs—Address—

THE OMEGA SEPARATOR CO., 35 Concord St., Lansing, Mich.

make a high-class product the churn must be stopped before the butter particles collect themselves together.

On this point McKay & Larsen say:

Different makers have various ways of ascertaining when the churning process has been completed. Some determine the proper churning stage by the size of granules. Others by the height at which the butter floats in the buttermilk. Others, again, depend upon the appearance of the buttermilk. It is well to let all of these factors influence the operator in deciding when the churn should be stopped. Any one of these factors may not be sufficient indication to insure the proper time to stop.

The size of the granules is the most common factor that determines the time when the churn should be stopped. It has been a general rule in the past to stop churning when the granules are a little larger than wheat kernels. As a rule, it is safer to carry the churning on a little further until the granules increase to the size of corn kernels, irregular and flaky in shape. At this stage the buttermilk will usually appear bluish in color, and the butter is raised above the buttermilk a considerable distance. When the butter is churned to too small granules, many of them will go through the strainer into the buttermilk and cause considerable loss. When butter in such shape is washed in medium cold wash-water, the granules continue to remain in a separate state. When salt is added, the moisture is extracted from them, and the water is likely to be caught in holes and crevices during the working, and cause leaky butter. If the churning is carried on a little further, the granules will not escape into the buttermilk. The churning is more complete, and the moisture will be incorporated in a better condition.

Overchurning should be avoided as much as underchurning. If butter is overchurned in the buttermilk, it will retain a large amount of the buttermilk, which will be very difficult to remove by washing. Overchurning butter, especially at a medium high temperature, is very effective in increasing the moisture content of butter, and should be guarded against for that reason. Butter containing more than 16 per cent water is not permissible on the American market.

We desire to call special attention to the change which these authors note in recent times, namely, that of carrying the churning process a little past the point when the butter granules are the size of wheat grains, it being preferable now to allow the particles to become the size of corn kernels before stopping the churn.

To carry it beyond this point means that a difficult task will be involved in working out the butter-milk, and even though the water-content could be reduced to the right amount there is still a disadvantage, inasmuch as the texture of the butter is liable to be injured in the working. This is the common fault with old-fashioned butter—butter



February 28, 1907.]

## Before You Buy Your Next Lot of Stock Food, do these Two Things:

- 1st—Examine several different kinds—smell them and taste them;
- 2nd—Read carefully the feeding directions and figure out how long a dollar's worth of each kind will last. You will find that

## Standard Stock Food



looks better, smells better, tastes better and is better than any other, because it is richer, purer and more concentrated.

You will also find that because it is so much better, you need use but a very little of it at each feeding, so that a dollar's worth of it lasts longer, goes farther and does more good than a dollar's worth of any other. Not only the best, but also costs you the least. Sold on our square-deal, money-back guaranty.

### Go to Your Dealer

and ask him to supply you. If he cannot, do not take a substitute but send us direct.

We will ship immediately and protect you with our square-deal, money-back guaranty.

### Free to You.

Our big book, "The Standard Feeder," 160 pages, 200 illustrations, 12 chapters on the feeding, care and handling of all kinds of live stock. Regular price 50 cents, and you could not buy it equal at several times the price. But free to you if you give us the name of your dealer and tell us how much stock you keep.

**STANDARD STOCK FOOD CO.**  
1516 Howard St., Omaha, Neb.

## Perfection Seed Corn GRADER

Perfect Sorter.  
10 Bu. Per Hour.  
None Better.  
Never Wears Out. Price Only \$1.00

Why pay from \$10 to \$25 for a grader no better—few as good? It enables you to produce most corn to the acre. Sorts for any corn planter. Get One of Your Dealer and be pleased—most of them shout its praises. If yours hasn't got it yet, write us for circular and full particulars. \$1.35 express prepaid. Here is big value for a small price.

W. E. ASHBY TELEPHONE CUT OUT CO.  
199 Square Street, Chariton, Iowa  
Makers of the famous No-Risk Lightning Arrester

**\$25 ON 5 TON** IS WHAT YOU CAN SAVE  
We make all kinds of scales.  
Also B. B. Pumps and Windmills.  
**BECKMAN BROS., DES MOINES, IOWA**

**WANTED** Men to travel, deliver samples and advertise our goods locally. Salary \$91 per month, expenses advanced.  
**WEEZLEY CO., DEPT. 5, MONON BLOCK, CHICAGO.**

that is churned until it is a lump. You will find it somewhat greasy in character, and when this is the case it presents anything but a desirable appearance.

The principles of good butter-making apply alike in the factory where thousands of pounds are made daily and in the home where only a few pounds are churned at a time. In either case, to produce the best product the churn must be stopped before the particles of butter accumulate into a large mass. This is a fundamental principle, though a visit to the average grocery store and an examination of the butter will indicate that it is a principle too often lost sight of in the making of butter.

### REMOVING HORNS WITH CAUSTIC POTASH.

The following communication has been received from a subscriber, Mr. Andrew Strausmyer:

Some time ago I noticed a recipe in your paper for removing horns from young calves by chemical means. I had no use for it at that time and consequently did not save the recipe. I shall therefore consider it a favor if you will kindly give it again for my benefit, and there are no doubt others who would be pleased to have it called to their attention.

Reference is here made to the caustic potash treatment. At a very small cost one can purchase a small stick of caustic potash at a drug store and make use of it before the calves' horns break-through the skin. Clip the hair from the little spot where the horn will appear and apply a little grease around so that the caustic will not spread. Then moisten the stick of caustic and rub thoroughly. It will be necessary to wet the end of the potash stick from time to time in order to do effective work. One thorough rubbing should be sufficient to completely interfere with the growth of horns on a calf.

Grand Junction, Iowa, Poland China Sale.

The three days' combination sale at Grand Junction, Iowa, February 19th to 21st, inclusive, brought a good gathering of breeders and farmers together. Those who were in attendance found plenty of good material to study and few there were, indeed, who found it possible to leave without some of the good numbers that were offered. The five consignors, Messrs. George F. Freie, C. C. Healy, C. M. Howard, J. L. Hudson and J. W. Wampler, fully demonstrated their ability to put up a good sale offering. Owing to the failure of the railroad to deliver the tent, there was some inconvenience experienced; however, the crowd kept in good spirits from start to finish. Prices in good steady throughout, though some late ruled sows reduced the final average somewhat. The mature part of the offering was especially creditable and the top price, \$62, was paid by Mr. J. H. Bahrens, of Ft. Dodge, Iowa, for No. 29, a Perfection-bred sow owned by Mr. C. M. Howard. Mr. J. O. Thompson, of Maxwell, Iowa, secured a plum in No. 91, for \$56, consigned by Mr. J. L. Hudson. She will undoubtedly make good. Cols. C. E. Luther and W. W. Stewart, of Tingley, Iowa, did the selling, much to the satisfaction of all concerned. The average, which was close to \$31, makes a good record, considering the number of head sold. The attached list shows where the offering went:

Lot.	Name	Price.
35	I. K. Eaton, Grand Junction, Iowa	\$ 30.00
32	Sherman Moore, Perry, Iowa	36.00
45	J. F. Higgins, Grand Junction, Iowa	39.00
53	J. B. Hastings, Grand Junction, Iowa	38.00
42	A. T. Troeger, Storm Lake, Iowa	36.00
56	J. W. Hillman, Grand Junction, Iowa	38.00
38	I. K. Eaton	40.00
46	J. W. Hillman	42.00
60	S. H. Coughenour, Colo., Iowa	38.00
37	Thos. Goodwin, Grand Junction, Iowa	30.00
11	T. J. Hitt, Lincoln, Neb.	46.00
12	White & Whiton, Perry, Iowa	50.00
10	W. F. Metzger, Grand Junction, Iowa	34.00
67	I. K. Eaton	30.00
68	T. E. Kinsella, Grand Junction, Iowa	45.00
64	D. H. Gunn, Grand Junction, Ia.	46.00
62	Thos. Fogarty, Grand Junction, Iowa	40.00
104	M. J. Foley, Grand Junction, Ia.	30.00
92	D. S. Needham, Woodward, Iowa	32.50
100	E. F. Sweeny, Grand Junction, Iowa	30.00
107	C. Phinney, Grand Junction, Ia.	30.00
115	J. O. Thompson, Maxwell, Iowa	32.00
91	Same	56.00
93	S. H. Coughenour	32.00
105	T. J. Noggle, Madrid, Iowa	37.00
103	Prouty & Keeline, Council Bluffs, Iowa	30.00
87	E. F. Sweeny	40.00
67	D. S. Needham	30.00
29	J. H. Bahrens, Ft. Dodge, Iowa	62.00
95	P. J. Kehol, Monticello, Iowa	31.00
21	J. H. Bahrens	35.00
40	Wm. Maxline, Grand Junction, Iowa	30.00

## — CAPACITY OF — CREAM SEPARATORS

Capacity is an important consideration in the purchase of a cream separator. It enters largely into the cost and value of the machine, and there is no way of properly gauging either without reference to it.

A large capacity machine separates the same amount of milk in just so much less time. This saving of time means something in dollars-and-cents every time the machine is used. It counts up in the course of a month or a year. Then the wear of the machine is just so much less and it lasts that much longer.

But capacity must always be determined with CLEAN SKIMMING under PRACTICAL, EVERY-DAY USE CONDITIONS,—with ordinary speed, milk cool as well as warm, cows as they come, and thick cream. Capacity means nothing if any of these conditions have to be sacrificed to obtain it.

Thus capacity marks one of the BIG DIFFERENCES between the "ALPHA-DISC" DE LAVAL and other cream separators. The DE LAVAL machines fully meet these conditions. All other machines either lack the capacity "claimed" for them or can only reach it through the sacrifice of one or other of the important considerations named.

The DE LAVAL catalog makes plain the reasons for this difference and is to be had for the asking.

**THE DE LAVAL SEPARATOR CO.**  
RANDOLPH & CANAL STS. CHICAGO  
1213-15 FILBERT STREET PHILADELPHIA  
DRUMM & SACRAMENTO STS. SAN FRANCISCO  
General Offices: 173-77 WILLIAM STREET MONTREAL  
74 Cortlandt St. NEW YORK.  
14 & 16 PRINCESS ST. WINNIPEG  
107 FIRST STREET PORTLAND, ORE.

### GET DAVIS' PRICE

on a Cream Separator direct from the factory at real wholesale factory prices. Save 20% to 50%. Our improved 1907 model with wonderful cone bowl is a skimming device not equalled. It will double your dairy profits while cutting labor in two. We want you to have our 1907 catalog. Send postal or letter for it to-day—now, for money saving catalog No. 118.  
**DAVIS CREAM SEPARATOR CO.**  
541 N. Clinton St., Chicago, U. S. A.



### AGENTS WANTED For Mend-a-Rip

Greatly Improved. Better than ever. Does all kinds of light and heavy stitching. Can use heavy thread. Shows it means a sale. Agents make and write to hurry machine to him. Write for special agent price. J. B. Foote Foundry Co. Dep. 438 Fredericktown, O.  
(The Great Agents Supply House)

112	Chas. H. Jones, Diagonal, Iowa	31.00
54	Geo. F. Freie, Ogden, Iowa	42.00
119	Same	31.00
23	White & Whiton	36.00
47	W. N. Catell, Grand Junction, Ia.	31.00
20	T. J. Hitt	38.00
108	A. J. McComis, Grand Junction, Iowa	33.00
59	E. H. Black	31.00
61	E. H. Jackson, Jefferson, Iowa	32.00

### The Kirkpatrick & Wilson Duroc Sale.

Messrs. Kirkpatrick & Wilson, of Lincoln, Neb., held their annual Duroc sale on February 13th, as advertised, and the event was one of the successful ones of the season. The top price, \$700, was paid for No. 1 of the catalog by Messrs. Steele & Steinbech, of Yutan, Neb. Those paying more than \$100 for hogs in this sale were:

Lot.	Name	Price.
1	Steele & Steinbech, Yutan, Neb.	\$700.00
2	P. H. Pagett, Beloit, Kan.	130.00
3	O. G. Smith & Son, Kearney, Neb.	130.00
7	W. L. Addy, Parnell, Mo.	100.00
9	J. C. Logan, Onaga, Kan.	115.00
18	Mrs. Ford Skeen, Auburn, Neb.	145.00
21	James Conkling, Franklin, Neb.	125.00
25	J. L. Williams, Belaire, Kan.	260.00
26	J. S. Beem, Bethany, Neb.	150.00
27	W. H. Haith, Vesta, Neb.	200.00
28	Frank Alldritt, Friend, Neb.	145.00
29	John Hammer, Greenwood, Neb.	145.00
30	Ed Burkhardt, Fairbury, Neb.	105.00
33	C. O. Anderson, Manhattan, Kan.	102.50

SUMMARY.  
33 head ..... \$3,629.50; average... \$109.70

### ONE WAY SETTLERS' RATES

To points in Nebraska, Eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas, Louisiana, Alabama and Mississippi, etc.

The Iowa Central Railway will place on sale on the first and third Tuesdays of each month, January to March, inclusive, one-way tickets at the extremely low rate of only one fare plus \$2 for the benefit of homeseekers and settlers.

Don't fail to call on Iowa Central agents for full particulars, rates, etc., or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

## Why You Should Have A Cream Harvester

If you are keeping three or more cows, it will pay you to own a Cream Harvester, because its use brings greater returns in the form of increased quantity and better quality of products, and because it removes much of the drudgery connected with dairy work.

It makes no difference whether you are making your cream into dairy products on your own farm or are shipping to a creamery. In either case the separator is equally important. It gives you more cream and leaves you the skimmed milk to be fed while yet warm to pigs or calves. If ground feed is added to this skimmed milk it becomes as valuable for feeding purposes as whole milk. This is one of the great advantages of a cream separator.

Then, the three big advantages of a separator are—more cream, less work and fresh skimmed milk for feeding, and these are sufficient to pay the cost of a separator in a short

time. But not all separators will do the same for you. Some make more work instead of less work, for they are so hard to operate and so hard to clean. Watch out for these things when you buy a separator.

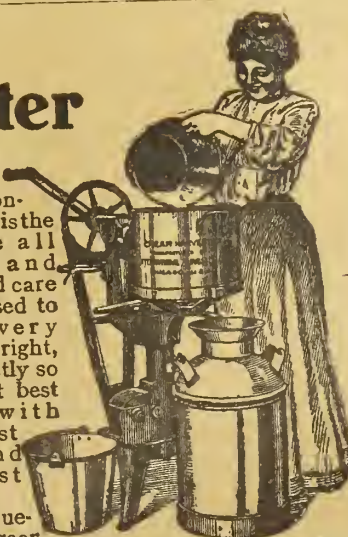
It will pay you to call on the International local agent and examine The Dairymaid and Bluebell Separators. There you can see by actual test how they will skim down to the one thousandth part, whether the milk be warm, cold, rich, viscid or old.

You can try for yourself, and see how easily they are operated. Notice in the illustration how the handle is at just the right height, and that the supply can be low while the milk and cream spouts are high.

You can see the excellent gearing, and how, though all the parts are covered to prevent dirt getting into the bearings, each is easily accessible; how strong and simple they are, and how this will give them great durability.

You can see how simple construction is the key note all through, and what rigid care is exercised to make every part just right, and exactly so as to get best results with the least work and the least trouble.

The Bluebell is a gear drive machine, and the Dairymaid is a chain drive—you can take your choice. If it isn't convenient for you to call on the agent, write for catalogs. These tell in concise descriptions and in many excellent illustrations what you will wish to know.



**INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO, U. S. A.**  
(INCORPORATED)



## OUR HOME DEPARTMENT

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

Although American women enjoy the privileges of full suffrage in a few states and limited suffrage in quite a large number, and although there are perhaps a hundred thousand club women in the country at large, there seems to be no disposition on the part of women to neglect their homes or rush into public life.

At this stage of the game it is probably just as well that it should be so. There are still many persons who hold the good old-fashioned idea that the place for woman is at home minding the babies. In the minds of quite a number of persons women and babies are as inseparably connected as flowers and a garden. They know that there are seasons when there are no flowers in the garden, but it never seems to occur to them that there is any time in a woman's life when she is without babies.

An eminent English scientist in a recent interview, published in Great Thoughts, expresses himself as of the opinion that society loses immeasurably in failing to avail itself of the services of a class of women whose numbers are constantly increasing in consequence of the advance in medical science. He refers to women of forty or fifty whose children are growing, or already grown, and passing out into the world.

Dr. Saleeby claims that this class of women is not only fitted for public service, but should be given opportunity for public service. He holds that society needs them and that they need society. Absence of outlet for their energies and interests induces senile decay in large numbers of women at the very time when society stands badly in need of just such service as they are eminently suited to give. As he justly remarks a wiser society would rectify this double wrong.

Unlike many men Dr. Saleeby is not afraid of woman suffrage. He frankly declares that, personally, he has never heard an argument against it that was not ridiculous. Moreover he honestly thinks that "the arguments commonly heard should be allowed to retire to obscurity; that they cannot stand the wear and tear of public appearance." Continuing, Dr. Saleeby said: "Consider for a moment, the argument about taking women from their domestic duties. So far as the mere recording of a vote is concerned it takes no more time than an afternoon's shopping. It has only to be laughed at. And as for continuous work, whether on county councils, or elsewhere, no one who knows women at all will imagine that the attraction of such work will take away from motherhood the normal woman, and the women whom it would tear away are just the very women whose natural gifts do not lie in the direction of motherhood."

One point in Dr. Saleeby's position deserves special attention—it was referred to at the outset of the article—he makes a strong point of the foolishness of society's failure to utilize the services of the older women of the community. His words are: "I should welcome the day when society recognizes that the domestic duties of a woman, by the time she is fifty, have usually become very light. Her eldest children are married and independent, and even her youngest may be so, or at any rate needs very little of her time. This is the

## TWO PIANOS! CASH! BIG PRIZES FREE!



If this chart gets destroyed another printed upon heavy paper will be sent upon receipt of 2c stamp for postage.

**CONDITIONS**—50 cents pays for a year's subscription to **SUCCESSFUL FARMING** and one count; \$1.00 pays for two years and three counts and makes you eligible for the special \$50.00 prizes given to winners of 1st prizes if they have three counts. See below.

**AWARDS** will be made as follows—The person giving corrector nearest correct count will get first prize. Next nearest second, etc.

**\$50 PRIZES**—We believe everybody should have three counts so they can have one each side of what they think is correct to be more sure to hit it. To encourage this we will give \$50.00 extra to winners of 1st prizes if they have three counts. Remember if you have one count you get piano only, but if you have three counts you get \$50 extra.

**TIME PRIZES**—\$25.00 Extra. We feel early counters should be rewarded and we will give \$25.00 to the person sending best answers by Feb. 28th.

**OUR RESPONSIBILITY**—We are a responsible business house, and every prize must be and will be paid as stated. We refer to Iowa National Bank, Central State Bank, German Savings Bank; in fact any Bank, Express Company, business house or individual in Des Moines, as well as Dun or Bradstreet's Agency, or the publisher of this paper.

**JUDGES**—We have wholly disinterested judges to award prizes. Here is what they say:

**TO WHOM IT MAY CONCERN:** We have been asked by the publishers of **SUCCESSFUL FARMING** to act as judges in their contest and see that prizes are all awarded fairly. This we will gladly do guaranteeing each contestant absolute fair treatment. Signed—W. W. MORROW, Treasurer State of Iowa; HUGH BRENNAN, Judge District Court; Rev. A. J. WILLIAMS.

In case of tie we will write each person so tied asking them to make as few words as possible from the letters of the alphabet, using each letter of the alphabet twice and only twice, and no one word more than once, each letter left over counting as one word. To the one tied in the counting who gives us the fewest words as above will be awarded first prize. This practically eliminates all question of tie, but if there should be any possibility be a tie in this prize will be divided equally between those so tying.

Subscription without counts is 25 cents per year, additional counts after you have three entered as per our terms in paragraph "condition" above may be entered at 25 cents each.

This contest is not to be confused with the guessing or estimating contests. Our contest is a test of skill in planning and counting and the best man wins. Nobody connected with our paper will be allowed to compete. Contest closes June 30, but get your counts in at once. See about time prize above.

Address all letters to **SUCCESSFUL FARMING, 381 Tenth St., Des Moines, Iowa.**

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Next 25. Two Dollars Each.

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A Piano for \$1.00. Surely people may enter your contests knowing that they will receive fair treatment. How glad I was to win a piano for so small an amount and wholly unexpected. The paper alone is worth all I paid.

MRS. L. W. NOTT, Marion, Ia.  
He Won a Piano. Refer people to me if they are honest. I got a piano for a prize and never heard of you until I answered your ad. Your paper is worth twice the subscription price.

W. C. ELLIOTT, Audubon, Iowa.  
I got my \$100.00 prize the easiest I ever earned. The dots are hard to count but I know the prizes go to those who win them fairly.

AMY R. BARNES, Van Horn, Iowa.  
To Whom It May Concern: I won grand prize of \$350.00 Cash in last contest. I was much surprised. I won \$350.00 Cash in last contest. I was much surprised. I won \$350.00 Cash in last contest. I was much surprised.

JOHN A. GOODWIN, Richmond, Va.  
Way nphere in Canada I won \$50.00 for Canada. I never knew there was such a paper until I answered ad. Now I will never be without it again.

MISS E. FURNIER, Mantano, Quebec.  
I received the elegant piano which I won in your recent contest, and all was perfectly grand. I am recommending you to all my friends and you are at liberty to use my name as reference any time you wish.

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Eva I. Buckner, Fredonia, Kas. C. S. Wyman, Vinton, Iowa. E. M. Hall, Montrose, Mo. J. W. Smith, Rome, Okla.

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EUGENIE FOURNIEU, Matane, Quebec.  
THESE ARE BUT A FEW OF MANY. WE COULD GIVE A LIST OF HUNDREDS IF WE HAD SPACE. YOU MIGHT AS WELL BE A WINNER IF YOU GO AT IT AT ONCE.

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I enclose \$..... for subscription to **SUCCESSFUL FARMING**. and I wish to enter the..... (write ladies' or gents') Contest. If \$1.00 is paid send three counts; if only 50c is paid send ONLY ONE count. The extra \$50.00 go only to those having THREE or more counts entered.

My Count is: (1)..... (2)..... (3).....  
NAME.....  
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woman whose knowledge and experience and moral discipline can be turned to the utmost national service. She has no private interests to serve; she will be extremely conscientious, hard-working and faithful in her devotion to matters concerning the young generation—which matters are the only vital matters for any nation."

## HOME AND HOMEMAKING.

**LITTLE HELPS BY THE WAY.**  
"Even here," says Phillips Brooks, "every man may claim his own life, not for himself, but for his Lord." Even here and now one may live as unto the Lord; live with tenderness and consideration and care for others; live with dignity and fortitude through his own trials and keep in spirit touch with divine and beautiful things. He who contributes as best he can to the happiness of the world is the practically religious man; who does so in the name of Christ is the practical Christian.—W. B. Smith.

But the question is not what experiences you have had, but what use you have made of them, whether you have read them aright, and learned wisdom by the things you have suffered; whether you went on and on, still trying to find God's star, which was your one guide, still trying to read aright the sealed order which was continually being opened up to you.—Oscar McCulloch.

**A SMILE OR FROWN.**  
Which do you think is prettiest, girls, A smile or a frown?  
There may be beauty in crimps and curls, And a neat, dainty gown;  
But if your face has the slightest trace Of a frown thereon, it has less of grace. Beauties within are beauties that stay; Those from without will soon pass away.

Which, now, is sweetest, a frown or a smile? Now tell us the truth.  
Which do you think is really worth while? A frown is uncouth.  
But if your face has the faintest trace Of a smile thereon, it has more of grace. Beautiful souls shine out through the eyes,

Clear as the light from cloudless skies. —W. S. Whitacre

## SMILES.

"I have often stood in a slaughter house," observed the fleshy man from Chicago, "while the butchers were killing hogs on all sides of me."

"Oh," exclaimed the tender-hearted, but tactless girl, "weren't you dreadfully afraid?"

"Are you willing to chop some wood for me," asked the kind lady, "if I will give you a good dinner when you've done?"

"Dat depends," replied the hobo. "Depends on what?"

"On whether yer'd let me look over de menu card before I starts in workin'."

## OUR WONDERFUL LANGUAGE.

Baby Powder—Powder to put on babies after bathing them.  
Insect Powder—Not a parallel case.  
Fish Food—Food for fishes to eat.  
Seafood—Different.

Horseshoes—Shoes for horses to wear.  
Kid Gloves—Rule doesn't hold.  
Baby Buggy—Buggy for baby to ride in.  
Top Buggy—Not a buggy for a top to ride in.

Boot Tree—A tree to shape boots on.  
Apple Tree—Not a tree to shape apples on.  
Milk Cart—A cart to haul milk in.  
Pushcart—Not a cart to haul the push in.  
Kitten—A small cat.  
Mitten—Not a small mat.—Chicago News.

## HOUSEHOLD HINTS.

After continual use the lamp burners will get dirty and dingy. I think the following a good way to clean them. Put the burners in a stew kettle and cover them with boiling water. Add a tablespoonful or so of wood ashes and a lump of lye soap. Set on the stove and boil half an hour. Take off and dry the burners, then brighten them up by the use of powdered charcoal or brick dust.

The following recipe is highly recommended for its efficacy in cleansing fabrics without injuring the texture or "starting" the color, however delicate: Grate two potatoes of ordinary size into a bowl containing one pint of clean, cold water; strain carefully through a sieve, allowing the liquid to fall into another vessel containing an additional pint of cold water. Let it settle and then

pour off the water and bottle it for use. It may be put into a clean fruit jar. Rub the soiled garment softly with a sponge dipped in the potato water, after which wash it in clean water. Dry carefully in the shade and then iron it. Use the sediment left after pouring on the water for cleaning heavy cloths, rugs and carpets.

Essence of cinnamon, when exposed in a sick room, will kill the bacilli which are floating around. A decoction of cinnamon is recommended as a drink to be taken freely in localities where malaria or fevers prevail, for cinnamon has the power to destroy all infectious microbes.

## GOOD HOT SUPPER DISHES.

More than one housekeeper I have heard say, "Supper is the hardest meal in the day. Do tell me of something new in the way of a relish!" Or, if a late dinner is served, there must be a substantial luncheon smoking on the table when the children come in hungry at "noon recess," for this want is, of course, particularly felt in cold weather. Of the following recipes, a few are dainty enough for "company tea," but most are meant for plain, every-day use, and all are appetizing, nourishing and easily prepared:

**Creamed Eggs**—Pour into a saucepan half a pint of milk, three tablespoonfuls of butter, a saltspoonful of salt, a little celery salt and a dash of pepper; thicken with a little flour made smooth in milk, and allow it to boil up once. Have prepared five or six eggs that have been hard boiled, crumble one of them into the mixture, arrange the others in thick slices in the center of a hot platter, turn the cream over them and garnish with three-cornered pieces of toast and an occasional sprig of parsley. Serve very hot.

**Cheese Balls**—Are made of one cupful grated cheese, half a cupful of fine bread crumbs, five drops Worcestershire sauce, and one egg well beaten; mix together; roll into balls and place in a wire frying basket, and just before time to serve, plunge the basket into boiling fat and allow them to remain until a delicate brown.

**Codfish Souffle**—Pick into flakes and soak over night half a pound of salt codfish; drain and add one pint of light mashed potatoes, four tablespoonfuls of milk and the beaten yolks of two eggs; mix and fold

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in the well-beaten whites of the eggs; put into individual cups or a baking dish and bake in a quick oven for ten or fifteen minutes.

**Sour Milk Muffins**—Measure two-thirds of a cupful of sour milk and fill the cup with sour cream. Beat two eggs well, add the milk and cream and one and one-half cupfuls of flour in which half a level teaspoonful each of salt and soda have been sifted. Turn into hot greased iron gem pans and bake in a quick oven.

**Batter Bread**—Beat two eggs light; stir a cupful of cold boiled rice into a liberal pint of milk and add to the eggs, rice and milk a tablespoonful of melted butter; sift a teaspoonful of salt into two cupfuls of Indian meal; stir all together and bake in a pudding dish. Eat hot. Should the meal thicken too much, add more milk. I sift a teaspoonful of baking powder with the meal, but that is an innovation. Brands of meal differ in the matter of thickening when wet, as much as different barrels of flour. The mixture should be of the consistency of pound-cake batter, and beaten hard at the last. Some cooks scald the meal and let it cook before mixing. They say it takes off the raw taste. Then less milk is required.

### AMONG OURSELVES.

A Home Department should mean a place for men as well as women. It greatly pleases me that we are hearing from the men much more than in the past. I hope to hear from men as well as women, perhaps in even greater numbers than the women, concerning the topic for discussion about to be introduced by two of our members living in quite different parts of the country—Mrs. Custer County, and Mrs. Massey, friends:

We have four boys, the oldest respectively twenty and fourteen years, who are hoysish as boys usually are, and wish to go to the base hall games on Sunday. Now, while I do not particularly object to hall games, although it is generally a gathering of toughs, yet I do object to such things and their attendant surroundings on Sunday. We live two miles from a small town which has two nice churches—our two girls attend regularly—and the boys do until they "get too big" to go to Sunday School. Then they are just the right size to run to hall games and races, as all the neighbor hoys do. Now, I do not want you to tell me I should take them to church every Sunday, for I cannot go myself—as dearly as I should love to—after doing all the work for a big family with lots of comers and goers. For myself and husband we have to consider Sunday our day of rest, but the hoys—what are we to do with them on Sunday when they have the base hall craze? Will some of those wise fathers who have graced our page come to my rescue? Shall the hoys be allowed to put in their Sundays running miles to hall games?

Should our children play hall, etc., skate, visit the neighbors' children and have a romping time on the Sabbath day or should we keep them quietly at home while they are not at Sabbath school, and encourage them to spend the Sabbath quietly? For myself, I prefer that my children should stay at home and read some nice book or play Sunday school with their dolls (if the children are small), playing out doors quietly part of the time. If they are older and do not wish to read all of the time, buy them some Bible games and let them play them, which will both amuse and instruct all who are old enough to read.

This is a very important question. Let

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us bring to it our best judgment and endeavor to discuss it broadly and helpfully. Please make the letters quite brief, friends.

Mr. A. J. Secor craves the privilege of the floor today as a man who believes that the boy is father of the man:

There seems to be great interest in this department, perhaps because united by sympathy aroused by personal difficulties. Now, there are men and women, and girls and boys. I write for the hoys. They have been neglected in this department, as well as outside of it. From the girls and men and women we have heard, but where is the boy? In a very large number of cases he is spending his spare time either alone trying to make the most of himself or off with the crowd making the worst of himself. The young men that read this may ask, "What should he be the aim, then?" I say, he a man—not what some people call a man; a man according to the best definition the world has produced, which, however, is not found in the dictionary. The former writers have not judged wrongly when they place the blame for much of the social trouble and misery upon the boy, but whose fault is it—not all the hoys', I claim. The father must hear the second blame and perhaps his father the third. But to the hoys I say no matter who your great-grandfather was, you are here now to do the very best you can. Where shall you begin? Begin just where you left off doing what you knew was right. There seems to be a common notion among boys that it is far below their caste to be seen at church. You sometimes talk about being brave. The bravest boys I have known are those who passed base ball games and fishing crowds to go to church. Not the boy, though, who always told everybody that he had not missed a Sunday, etc. Not a word would be said about church going if it were not for the fact that you cannot become the man you should without the Great Example. Of the evil ways of boys such as the "sowing wild oats" phrase describes, it is needless to speak, for we all know that is the "wrong way." Let the hoys now speak for themselves.

We shall be pleased to hear from the boys on their own behalf. We are sorry if their interests have seemed to be neglected here Among Ourselves. Perhaps the discussion of Sunday amusements will bring some of them to the fore. We shall hope so.

And now to resume the discussion precipitated by Lady June Bug concerning the wedding of June and December. Sunny Jim's Wife missed connection last week, but she is here today to finish her "say."

Contrary to "June Bug's" expressed opinion, men who wed girls younger than themselves usually do so for love alone. If they didn't want love above everything else they would marry some rich widow or old maid older than themselves (as mercenary men often do) and hire a "chore boy" or "chore girl" with the rich widow's money. It is natural for men to love women as old or older than themselves, for which reason when a young man weds an old woman it is for her money, every time. The girl who marries a man several years her senior is nearly sure of getting a devoted husband who will almost worship her, for men appreciate youth as well as beauty in women. If the girl returns his love they are sure to be happy. Girls, you need not marry a rich man, but try to get one who has the ability to support you, combined with plenty of health and no bad habits. When it is a choice between love and money, take love every time. But try to get a little of both if you can. Never marry for money alone. Alas for you if you do!

While individual experiences cannot be considered as furnishing conclusive arguments, they are nevertheless a valuable and interesting contribution to a discussion of this kind. It is with pleasure that we present two such for the consideration of the circle this week. Mrs. Phoebe will be followed by "A Dakota Farmer's Wife."

I wed a "December." Unhappy? No. Husband is ten years older than I am, and, June Bug, he did not turn my head, but my heart. Why? For his sterling qualities and well-formed habits. Yes, he had his day, but that was well spent. He formed his habits for a purpose. Some day he might have a wife. He would have a clean page for her to read; he would acquire habits that would be of benefit to both; and when I knew him I recognized these traits, and was willing to walk in confidence by his side. I gave no regard to "age." I looked beyond and deeper. I found good judgment, sympathy, respect for woman and her duties, one who read and could converse intelligently on all topics, and I considered that as a wife I would be safe with such a man. As a rule a wife becomes a mother and she should choose character and the above qualities, rather than "age" in the father of her children.

Unlike "June Bug," I believe in the old saying, "Better be an old man's darling than a young man's slave." I am speaking from experience, also, and in the six years of my married life I have never regretted the day I married a man fourteen years older than myself. It is my opinion that ten years or more, if love be the object of marrying—and there should be no other, is not too much difference in the ages of husband and wife. Girls, if you love a good man and are sure he loves you, though he be twenty years your senior, marry him by all means, and I don't believe you will ever regret it. Neither husband nor wife can make home happy without the aid of the other. It takes all hands.

We are still waiting for the men to give us leaves from their life book. We hope they will not disappoint us.

One of our young people who has not,



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I judge, lived very long in the country, is moved to an unburdening of the mind:

I live in the country, and though my father owns our beautiful home, oh, I do just get so lonesome sometimes. I think country people are much more selfish with each other than the town people are. Don't you think if anyone ought to be brotherly and sisterly it is the country people? When we have some bad luck and need sympathy and encouragement with our work it is such a help if you know one of your neighbors is like a brother to you and you can talk things over with him. I think country people ought to cultivate the spirit of brotherhood and be more helpful when sickness or trouble comes.

Is there not room for improvement in the direction hinted at by this young friend? Is it not true that farmers are sometimes careless about making newcomers feel at home? Sometimes so absorbed in work that they take less time than they should to cultivate their neighbors? Sometimes forgetful to be

sympathetic during times of sickness and bereavement?

Next week we shall probably begin the discussion of dancing. Meantime, Miss Annie Hoffarth wishes to ask a question prompted by the proposed discussion:

In discussing the subject of dancing, those who oppose it will doubtless produce convincing arguments to prove conclusively the evils resulting from it. But cannot someone suggest some kind of entertainment for our young friends that we may substitute for dancing? Young people must have some means of amusement, and we should endeavor to provide such as will entertain and be uplifting, too. But how to do so is the problem yet unsolved by me. The young people here in the country who are fond of dancing are a sociable, fun-loving, kind-hearted set. Usually, they care but little for reading or study, though all are bright and intelligent. This makes any kind of a club or society for study out of the question. Card parties are no improvement over dancing, and the play parties with their promiscuous kissing are no better, either. Dancing is growing less frequent than it was a few years ago, and the introduction of some bet-



ter means of entertainment would cause it to be relegated to the past. Why not sign your full name and address to what you write if you are not afraid or ashamed to publicly acknowledge the authorship of the article. When I read such good, sensible letters I feel disappointed to see only a nom-de-plume signature, when I should like to know the real name of the author.

A man who holds that the men should have more to say in the Home Department sends a letter which he clipped from an exchange, with the request that we give it place Among Ourselves and ask that the men discuss it:

#### HOW ABOUT THE HUSBAND?

I have been reading so much about how the wife should keep herself neat and tidy lately that I could not help wondering if the same rule would not work real good both ways and if a man should not try just as hard to retain the wife's love as the wife the husband's. Now we will suppose it is Saturday morning. The husband goes to the field; the wife at her Saturday's work. She scrubs and does some extra nice cooking and baking, for tomorrow is Sunday and they are in the habit of going to church Sunday morning and may get home late. Well, noon comes, and the husband comes from the field. We don't expect him to be clean then, but he washes carelessly and wipes the rest on the towel. They have decided to go to town in the afternoon. So he lies down some place to rest a little while his wife gets herself and baby ready and packs the eggs and butter. She tells the boys they can clean up and go along, but the father says, "They are good enough the way they are. We are just going to town." Well, the wife gets ready, combs her hair and puts on a neat-fitting light dress. The husband drives up; he is ready, too—with a few hay seeds in his hair and his old bib overalls and shirt that he wore all the week, with an old slouch hat having part of the brim torn off. But he is

just going to town, he says. Do you wonder if that wife feels a little ashamed of that man? And do you wonder if she doesn't look as young and happy as she might? Do you blame her if she stays on the other side of the street and if she meets a friend that she can't be proud to introduce her to her husband? Sunday morning comes and it is raining. They can't go to church. So the husband does his chores up and dops himself down on the sofa among the pillows, with the same old duds and whiskers on that he wore last week; but the wife must clean herself up, you know—to please her husband. She gets the good dinner on the table at noon and calls him. He gets up, comes to the table, gets his head in his plate, and feeds his face with both knife and fork, finishes his dinner a little before the family gets through, pushes his chair back, takes a chew of tobacco, maybe spits some tobacco juice into her cook stove, and goes off to enjoy his dirt again. He didn't know his wife was clean; all he knew was he had something good to eat. And if his wife speaks to him about cleaning up, he says: "Well, this is the only day in the week I have to rest, and I am going to rest." Is he lovable or kissable? What would you do if he wouldn't change, even at night, without a fuss? Is it easy for the mother to teach the children, especially boys, to be clean and have good table manners, as they almost always will pattern after father, and the girls after the mother? Do you blame her if she loses courage sometimes and doesn't care if she is loved by such a slouch or not, even if he is good in some other ways? Maybe he hasn't bathed his body or washed his teeth for six months. When he said, "Cleanliness is next to godliness," did he mean it just for the women and children, or did he mean it for men, too?

The man who sends this suggestive letter propounds several questions which he wants the men, not the women, to answer. "Why," he asks, "is it so easy for men to slip off their shoes when going to see their sweetheart, and so awful hard to do it for the same girl when she becomes his wife?" Also, "Why do the majority of farmers always grumble when their wives want them to put on a clean shirt when they go to town?" These are pertinent questions; answers to them ought to be decidedly interesting. We are all attention, gentlemen; let us hear from you at your very earliest convenience.

#### Dressmaking and Millinery, No. 558.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

The over-waists in the various styles that came into favor to a considerable extent a year ago are promised even more extensive vogue through the coming season. In fact, many of the spring costumes will have one of these instead of a shirt-waist as its body garment. These over-waists have various forms and are designated as "jumper" waists, skeleton waists, guimpe waists, etc., and may be of material like the skirt, or in the skeleton form they are frequently of ribbon or of velvet matching the skirt in color only. The jumper waist is almost always worn over a lace or lingerie blouse, but those of the skeleton form may be worn over a silk waist of a harmonizing color, or when of material different from that of the skirt the waist worn under may be of the skirt material. Some designs of these



## "Better Than Gas!"

SAYS THIS NEW YORKER:

"I have used The Angle Lamp far beyond the time set for trial and find that one cannot be too enthusiastic over it," writes Mr. Granville Barnum, of Cold Springs, N. J. "It certainly gives the brightest and at the same time the softest illumination one could desire."

"We lived, for some years, in New York City, and used the latest and most improved appliances, devices, etc., in connection with gas or electricity and yet I must sincerely urge the superiority of this simple yet wonderful method of illumination. One can hardly say too much in its praise."

Notice, please, that Mr. Barnum has used gas and electricity with all the most improved devices for years. He, like thousands of others who use these systems, would probably have pooh-poohed the idea that an oil-burning lamp (or any other system for that matter) could be more satisfactory—until he tried The Angle Lamp.

He now admits that The Angle Lamp gives him all that either gas or electricity can give in convenience, and something more—kerosene quality light. It floods his rooms with the finest, softest, pleasantest of all artificial lights. Yet The Angle Lamp pays for itself.

For where the ordinary lamp with the round wick, generally considered the cheapest of all lighting methods, burns but about five hours on a quart of oil, The Angle Lamp burns a full sixteen hours on the same quantity. This, even where oil is cheap, soon amounts to more than its original cost. But in another way it saves as much, perhaps more.

Ordinary lamps must always be turned at full height, although on an average of two hours a night all that is really needed is a dim light ready to be turned up full when wanted. A gallon of oil a week absolutely wasted, simply because your lamps cannot be turned low without unbearable odor. All this is saved in The Angle Lamp, for, whether burned at full height or turned low, it gives not the slightest trace of odor or smoke.

## Why White Light Causes Blindness

We have given you several good reasons why you should use Angle Lamps for lighting your home, reasons that appeal to your pocket-book, to your common sense and to your love of a well-lighted, attractive home.

There is one more reason and it is the most important of all—the health of your eyes. The light of The Angle Lamp, while more brilliant than ordinary lamps and intensified by being all thrown directly downward upon your book, table or work, is of the soft, warm, restful quality for which kerosene oil is so justly noted—the quality which causes even the people who use gas or electricity for general lighting, to stick to oil lamps for reading or working.

There are, you know, really but two kinds of light for home use. One is this splendid, soft, kerosene light. The other, the thin, penetrating, colorless, white light, such as comes from the use of a mantle with gas or gasoline, and the acetylene light.

A few years ago this white light was quite the rage. City people had all their gas jets fitted with mantle burners, and country people tried gasoline. But they only used them for a little while. Then they went back to the open tip burner and kerosene lamp. Not because the breaking of mantles caused a great deal of annoyance and expense, although that did have its influence. No, people went back to these older systems because they found that the penetrating mantle light was fast ruining their eyes.

Do you know that the most conscientious American manufacturers no longer manufacture what is known as the "pure white" mantle? Simply because they have found what all students of illumination have found—that the pure white mantle develops a light so thin and colorless and penetrating that it pierces the retina of the eye,

and, like the X-Ray, paralyzes the optic nerve, soon causing blindness.

Yet this pure white mantle, at first heralded as the perfect imitation of sunlight, is merely the highest development of the kind of light which some people still use because of penetrating qualities that enable them to read a long distance from the fixture. They either forget or fail to appreciate the destructive effect of this very quality on the eyes.

Now, that fact contains another thought for you about lighting—look out for any light that imitates the light of the sun too closely! For such lights are dangerous.

Because when you read or work by sunlight you use only the diffused, softened light; never the direct rays of the sun, which so quickly dazzle the eyes. But when you work under artificial light you must always use the direct rays of light; for you know that you can't read with someone "standing in your light."

Consequently, artificial light must be of softer, warmer quality than the sun's direct rays.

And that is just why kerosene is the most perfect illuminant; the direct rays of the oil light contain just enough of red and yellow to give the softened, diffused, indirect rays of the sun.

Now, Reader, if you are interested in a satisfactory lighting method—a method which will cause your friends and neighbors to exclaim, "How beautifully your home is lighted!"—that will save you one-third to one-half of what your present system costs you, that will give you the operating convenience of gas and a light of the soft, warm quality which fully rests and relaxes the tired nerves of the eye—then write for our catalog "33" and our proposition to prove our statements about The Angle Lamp by

## 30 DAYS' TRIAL

Yes, write for catalog "33" and do it now. For, surely, when such people as Ex-Pres. Cleveland, the Rockefellers, Carnegies and thousands of others find, after trying The Angle Lamp, that it is profitable to rip out gas and electricity, to throw away gasoline and acetylene outfits or ordinary lamps, it is worth your while to send a penny postal to find out about it.

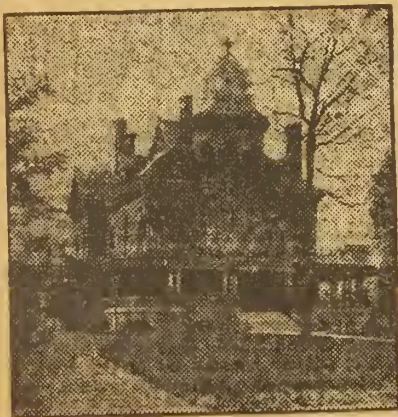
Our catalog "33" listing 32 varieties from \$1.80 up, and our booklet, "Lighting and Common Sense," which gives you both the benefit of our ten years' experience and experiments with all known lighting methods, are free on request.

THE ANGLE MFG. CO., 78-80 Murray Street, New York.

## Mrs. Cora B. Miller Makes a Fortune

Started a Few Years Ago With No Capital, and Now Employs Nearly One Hundred Clerks and Stenographers.

Until a few years ago Mrs. Cora B. Miller lived in a manner similar to that of thousands of other very poor women of the average small town and village. She now resides in her own palatial brown-stone residence, and is considered one of the most successful business women in the United States.



Mrs. Miller's New Residence, Earned in Less Than One Year.

Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was beset by so many women needing treatment that she decided to furnish it to those who might call for it. She started with only a few dollars' capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

#### Million Women Use It.

More than a million women have used Mrs. Miller's remedy, and no matter where you live, she can refer you to ladies in your own locality who can and will tell any sufferer that this marvelous remedy really cures women. Despite the fact that Mrs. Miller's business is very extensive, she is always willing to give aid and advice to every suffering woman who writes to her. She is a generous, good woman and has decided to give away to women who have never used her medicine \$10,000.00 worth absolutely FREE.

Every woman suffering with pains in the head, back and bowels, bearing-down feelings, nervousness, creeping sensations up the spine, melancholy, desire to cry, hot flashes, weariness, or piles from any cause, should sit right down and send her name and address to Mrs. Cora B. Miller, Box 5402, Kokomo, Ind., and receive by mail (free of charge in plain wrapper) a 50-cent box of her marvelous medicine; also her valuable book, which every woman should have.

Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are ailing, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000.00 worth is all gone.



[5583—Blouse or Shirt-Waist, 32 to 42 bust.]

will be shown later on, and meantime you can be planning for them. Or if wanted at any time, orders for them can be filled.

Another "last year's" fashion that has been carried over and that promises to lead in the spring fashions is the short jacket in the Eton and also in the pony shapes. These are built on almost exactly the same lines as heretofore, with perhaps a slight decrease in the size of the sleeve, as all sleeves are promised to be smaller, but in the very early season almost imperceptibly so. The Etons are still made with the elbow or the three-quarter length sleeves, and it may be added that about the same modes in sleeves in all garments will prevail that were favored a year ago, slight changes as to full-

## The Acme Harrow

Well pulverized soil is the most important requisite of a good seed bed. No field—no matter how rich—is well prepared for seed unless the ground has been thoroughly pulverized. Does the old fashioned spike or spring toothed harrow do that? It does not. It does tear up the grass, weeds and trash the plow buried, and which should stay buried. What you need is the ACME All Steel Riding Harrow—the only harrow built on scientific principles. Flat steel spurs go ahead of the Acme coulters or teeth, crushing and leveling every clod.

Then the coulters like long plowshares follow, turning the soil both ways and mixing it. When they get through with it the soil is as fine as a Harrow can make it and presents all its food to the seed.

Think how much easier on the team the Acme Harrow is! The old harrow dragged bluntly against the soil. The Acme cuts smoothly through. Then the Acme is very convenient to move from one field to another, as a lever raises the coulters from the ground. One man can put the harrow in a wagon or sled with ease.

The Acme is the lowest priced harrow made and is built to last. Write for free book, "A Perfect Seed Bed." Written by distinguished agriculturists. A postal to me and it will come.

**Try the Acme FREE.**

**DUANE H. NASH, Box 44, MILLINGTON, N. J.**

## Cancer Cured at Home

I have so perfected my Mild Combination Treatment that patients may use it at their home with as good results as though it were applied at my offices. I will gladly furnish to every sufferer positive and indisputable proofs that my treatment does cure Cancer. I will furnish ample evidence of my integrity, honesty and financial and professional ability. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—write for my book, "Cancer and Its Cure." It will cost you nothing and will tell you how you can be cured at home. Address,

**DR. O. A. JOHNSON, SUITE 371, KANSAS CITY, MO.**

137 Have you a friend suffering from Cancer? Do them a favor they'll never forget by sending them this ad

ness, finish, etc., stamping them as being up to date.

No. 5583 illustrates a shirt-waist in which some of the season's special features are to be noted. By the arrangement of the tucks the broad-shoulder effect is given in a manner suggestive of the Gibson type that had such vogue some seasons ago. The

fulness of these tucks or pleats extends to the waist line at back and front, but they are stitched only to yoke depth across the shoulder. Corresponding tucks turn toward the center front and center back, those at the front stitched to yoke depth, while at the back the stitching is carried to the waistline. The center front closing may be ar-



ranged by means of buttons and buttonholes, but newer is the use of studs for this purpose, and they will be used very generally on wash waists. The sleeves may be made in the full length bishop style, or in elbow



[5584—Tucked Kimono, 32 to 42 bust.]

length, the finish in either mode being novel turn-back cuffs held by cuff buttons. The collar may be a high turn-over or a low roll-over in Peter Pan style. The pattern

# Famous SPLIT-HICKORY Vehicles



Sent to Responsible People Everywhere on  
**30 DAYS FREE TRIAL**

You Pay Us Nothing Until Satisfied

**Send No Money** But write me at once for full information about this most liberal offer. Remember, you can have 30 days free trial on any of my famous Split Hickory Vehicles, and you don't have to pay any money unless satisfied.

**Write for BUGGY BOOK Mailed FREE**

Don't buy a buggy or vehicle of any kind from anyone until you get my valuable Buggy Book. It is the most wonderful book about Vehicles ever published. Just write me a postal card and say "Send me your free Buggy Book," and I will send it to you by return mail absolutely free. Write me now before you forget it. **H. C. PHELPS, Pres.**  
**THE OHIO CARRIAGE MFG. CO.,** Station 31, Cincinnati, O.



provides for a fitted lining which may be used or omitted. Pattern No. 5583 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure. Give size when ordering pattern.

The tucked kimono shown in No. 5584 is entirely new and so nobby that I am glad to be able to give it to you while you are busy with your "home wear" garments, and so interested in such designs. The tucks at back and front provide just the right amount of fullness, and for those who like these garments with a closer adjustment at the back, as many do, a band slipped through openings in the under-arm seams, and tied beneath the fronts is just the thing. The trimming band carried across the shoulders gives the fashionable breadth. The sleeves may be made as shown, or cut slightly longer and finished with a wristband. Pattern No. 5584 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## LIFELONG CURES BY A TRUE SPECIALIST



J. BOYD, M. D.

Dr. Boyd's Pelvic methods are your greatest hope for a complete cure, if you are afflicted with either BLOOD POISON, SKIN DISEASES, SORES, ULCERS, STRICTURE, VARICOCELE, HYDROCELE, NERVOUS DECLINE, PILES, FISTULA or any affection of the Kidneys, Bladder and Prostate. You are wasting money and endangering your health in treating with ordinary specialists. My systems of treatment have established their reliability by permanently curing cases that had been unsuccessfully treated by dozens of other physicians.

**A SAFE CURE** is what I will give you beyond doubt if your case is curable; if not, I will not accept your money and promise to do anything for you. The best reference I could give as to professional reliability is the many cured, satisfied patients I dismiss, and proves that my Pelvic Methods cure when others fail to even benefit.

**Guarantee to Refund Money—No Chance to Lose if You Do Not Get Value Received.**—My patients receive a written agreement that I shall return what they pay me for services if they do not receive a complete and satisfactory cure, and my guarantees are secured by a deposit of \$500 in the Century Savings Bank of Des Moines, Iowa. Consultation Free, Confidential and Invited, both at my office and by correspondence. My charges are reasonable, and I make terms that enable my patients to conveniently pay me. Do not treat elsewhere until you have investigated my methods and terms. Office hours during week, 9 a. m. to 6 p. m. Sundays, 10 to 1. Address or call on

**J. BOYD, M. D.,** 505 Locust Street, Marquardt Block, Corner Fifth and Locust Streets, DES MOINES, IOWA

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

First Quarter. Lesson IX. Genesis xviii, 16-33. March 3, 1907.

#### Abraham Pleading for Sodom.

Under the grateful shade of the oaks of Mamre the patriarch's camp was pitched. It stretched afar; for his vast flocks and herds required an army of attendants. Under the crimson folds of the sheik's pavilion, on her rich divan, the venerable Princess Sarah reclined, while at its silken portico the centenarian Abraham rested in the heat of the day. Perhaps he was indulging in the pleasures of memory, and was back again in thought to the banks of the Euphrates—now at Ur, where God first called him; or at Charran and his father's grave; or perhaps he was treading once more the banks of the Euphrates' great rival, the Nile; or he was looking down the long vista of the future, and wondering when the blissful promises, of which he was heir, should be fulfilled.

His reverie was suddenly broken by the approach of strangers. At once there was a sensation in camp. The monotony incident to pastoral life was broken by its chief and most welcome diversion, the arrival of a passing traveler. In that age, before posts and newspapers, this was the chief means of communication with the outside world. This

was how the nomadic tribes heard of the rise and fall of monarchies and kingly projects in war or peaceful arts of commerce and architecture. We have an analogy to it in modern times in the welcome arrival of the pioneer preacher at a "clearing" in log-cabin days. He brought more than theology in his saddle-bags. . . . Literature does not contain a more naive and fascinating bit of Oriental life. We fairly see the patriarch running to greet his guests with profuse Eastern salutations—adroitly making himself their debtor in that they allow him to entertain them; courteously discounting in advance what he proffers them, "a little water," "a morsel of bread." In an incredibly short space of time the appetizing meal is spread—a roast of veal, with butter and milk and delicious cakes baked by Sarah's own deft hand—and Abraham stands to serve.

From the very first Abraham may have had an inkling of the supernatural character of his visitors. The hour of their arrival was so unusual; no one travels in the East in the heat of the day. But whether the host suspected it or not, the guests soon cast off all disguises and Abraham knew that he was entertaining the Lord and his two attendant angels. . . . They were bearers of a blessing and of a curse. A blessing to righteous Abraham—the blissful assurance that the long-delayed advent of His promised son was near at hand. Here is a glimpse at the ministry of the holy angels. These two were possibly rewarded for fidelity by being allowed to see Abraham's face when the good news was broken to him. And if angels attended the Lord on this errand, why may they not be going with him on others, or going for him? . . . While Abraham, with courtly hospitality and grace, was going a pace with his departing guests, the Lord revealed the curse to him. Excess of joy over the blessing was tempered by grief over the impending curse, and vice versa. It was natural God should tell Abraham of what would befall Sodom. Proximity would suggest it. Then, too, the patriarch had fought for the Sodomites, and his nephew dwelt among them. . . . But this vitally important information would never have been given to any human being of less exalted character than the patriarch possessed. This is the plain inference from the words with which the revelation is prefaced. The very fact that he was worthy to be chosen the progenitor of the chosen race signified that he was

worthy to be the Lord's confidant. The greater included the less. "Why, indeed, should the thing be hidden?" By this very act of confidence the Lord lifted Abraham, as he intended to, from the plane of servitude to that of friendship. The servant knoweth not what his Lord doeth, but the friend does. . . . As the Lord had assumed a human form, so he also accommodated himself to the fashion of human speech, and described himself as on the way to make a personal investigation of the wickedness of Sodom—to see whether the reality of it was as great as the fame of it—and thus qualify himself to pass judicial sentence, all of which was of the nature of anthropomorphism. . . . As the angel trio started on their dread mission, Abraham's generous, compassionate heart prompted him to throw himself between the Lord and the doomed cities. All unconsciously he makes himself a striking type of the great Intercessor of the race. He prays for sinners. Their awful fate touched his heart to pity. He had once gone to battle for them; now he goes to his knees in their behalf. He is a daysman, a mediator. With consummate skill he handles their desperate case. "Shall this be a wholesale slaughter? Will there not be a discrimination between the good and the bad? Might not the sparing of the bad on account of the presence of the good among them have a striking, exemplary influence? If so, what shall be the ratio between the good and the bad? Might it not be as fifty to the whole population? Or (with extreme deprecation of himself as an intercessor) forty-five? or forty? or thirty? or twenty? or ten?" . . . Abraham displayed no "bargaining temper, striving only to get the best possible terms," but was climbing the ladder of hope and faith, with each promise taking courage to ask for more. When he felt that he had reached the uttermost verge of Divine forbearance, then only he rested his case, and returned unto his place with mingled emotions—joy at the blessing that should soon be his; grief at the curse that should next day fall upon the cities of the plain.

#### Analysis and Key.

1. The patriarch's camp at Mamre. Pastoral scene pictured.
2. Approach of visitors. Substitutes for newspapers. Modern analogy—"Circuit Rider."
3. Fascinating bit of Oriental life. Greetings—preparation of meal. Serving and eating.
4. Angel character of guests. Discovery. Bearers of blessings and curse.
5. Abraham's intercession. Consummate skill. "No discrimination between

good and bad?" "Saving the bad on account of the good"—Exemplary advantage. Ratio proposed in descending scale. Abraham: Type of Divine Intercessor.

#### The Teacher's Lantern.

From various angels Abraham has been viewed in the preceding narrative: as a pilgrim; as prince of a growing tribe; in war; in worship; receiving promises; entering into a covenant; but here he appears in an entirely new capacity—in the lovely and holy office of intercessor. Picture the disinterested quality of his intervention on the part of the Sodomites; compassion for the erring was his chief motive. Here is the first great outstanding instance of intercessory prayer in Scripture. Abraham is here a type of Him who "ever lives to intercede."

The duty, privilege, value, importance, efficacy of intercessory prayer, here has a striking exemplification. We are here encouraged to pray for our fellow-creatures en-masse. Much of our prayer is too circumscribed. It is selfishly personal. It abounds in personal pronouns. It may well be satirized by the prayer ascribed to the hide-bound deacon: "Lord bless me and my wife, my son John and his wife; us four and no more. Amen."

Setting ourselves to study the condition and needs of others, masses, classes, individuals, and to present them in petition at the mercy-seat, has its reflex advantage in broadened sympathies. Richest blessings often come to us not when we are praying for ourselves, but for others.

The value to the world of the good people who are in it here has a conspicuous illustration. They are the salt that saves it. There are things that God might do to the world which He does not do because of the presence of His saints. These are ever increasing in number, so the world grows proportionately safer. "Never again will the poverty of the world in righteous men be so as in the case of Sodom."

The modern fascination for city life has a remarkable analogy in the case of Lot. He must live in a city, even if it is only Zoar!

That Banquo's Ghost, the city problem, will "up" in this lesson. Within the lifetime of some readers the population of the cities of this country will equal its entire present population; and De Tocqueville affirmed that the cities are a real danger threatening the Republic.

The first bunch of hot-house lambs to appear in Chicago were sold January 8th at \$12 per hundred.

"Stunted lamp-light"—smoky chimney, poor draught, imperfect fit, cracking chimney, clouded glass—why do people put up with this when good lamp-light is the best light to read by?

I make and put my name—**MACBETH**—on lamp-chimneys that are clear as crystal, never break from heat, and fit perfectly.

**MACBETH** lamp-chimneys give lamps new life.

Let me send you my Index to tell you how to get the right chimney for your lamp; it's free.

Address, **MACBETH**, Pittsburgh.



ADVERTISING NOTES.

Two hundred acres of land are offered for sale by Mr. George W. Blair, of Ottumwa, Iowa, in his advertisement that appears on page 24 of this issue of The Homestead.

An energetic and experienced young man is wanted to work on a stock and grain farm. The advertisement of Mr. D. W. Nickerson, of Marble Rock, Iowa, appears on page 23.

The South Side Realty Company, of Petersburg, Va., advertise 500 special bargains in Virginia farms. Write them for catalog and learn about that country. The advertisement appears on page 24.

The advertisement of Messrs. Perryman & Linden, of Morrison, Okla., appears on page 24 of this issue of The Homestead. They have a long list of improved farms in the famous Black Bear Valley for sale.

The Northern Iowa Land Company, of Independence, Iowa, are offering three farms ranging in size from 246 to 640 acres for rent. The advertisement containing further particulars will be found on page 24 of this issue.

Mr. F. S. Bennett, of Emporia, Kan., has three well-improved Kansas farms he will sell at reasonable prices on easy terms. Possession can be obtained March 1st. The advertisement appears on page 24 of this issue.

Mr. W. G. Griffith, of McNabb, Ill., can supply Homestead readers with Reed's Yellow Dent and Improved Pride of the North seed corn. This corn has been scientifically bred and carefully selected. The advertisement, in which Mr. Griffith says that in case the corn is not satisfactory it may be returned and money refunded, will be found on page 10 of this issue.

Mr. Asherry Singleton, of Gladstone, Manitoba, Canada, makes announcement on page 24 of this issue of The Homestead that he will send free a beautiful book of western Canada. The Homestead is in receipt of one of these books which is issued by the Board of Trade of the above city and it contains many illustrations of buildings and other interesting sights in that vicinity. Those of our readers who contemplate or

# Don't Delay A Minute!

## Write today for prices and terms of the Celebrated Detroit Tongueless Disc Harrow

That's the only sure way you have of getting one for your Spring work. I will send you my Free Disc Catalogue, which fully describes this Harrow, and will quote you direct prices delivered at your station.

If you accept my proposition and order at once, I can probably supply you with a Detroit Tongueless Disc—but if you delay in getting in touch with me NOW on this Harrow for 1907—it may be impossible for me to fill your order when it comes—and I'll tell you why.

We have a big factory and are working every available man on these

Discs, but the best we can hope to do is to turn out about twice the number we did last year.

Now here we are way in advance of the Spring season, and yet nearly half of our factory output on this Disc is sold—and orders are simply pouring in every day.

The present indications are that long before the frost is out of the ground I will have sold every Harrow we can possibly make this season. THAT'S the reason why I say DON'T DELAY A MINUTE in writing me for catalogue and prices.

## The Detroit Tongueless Transport Truck Disc Harrow

### Sold On 30 Days' Free Trial—All Freight Allowed—For Cash Or On Time

Is the greatest selling implement of the age.

There are reasons for this—several of them.

First—the TONGUELESS idea meets with the approval of every thinking farmer—he wonders why it wasn't thought of before.

Using a Forward Truck and doing away with the Tongue saves the horses' necks—does away with all side draft—crowding of the team on turns—and permits a steady, even pull by both horses straight ahead all the time.

Don't think of jamming up your team just at the time you need them most, with an old style Tongue Disc.

The DETROIT is the only Disc Harrow built on correct principles. Every part of the very best quality—ball bearings take the end thrust—double levers make it easy to handle—steel scrapers set by hand or foot.

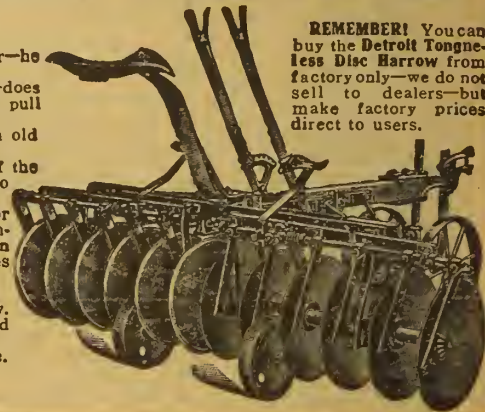
See the TRANSPORT TRUCKS at the rear? This is a new patented invention for 1907—and it's found only on the DETROIT. By attaching, in a moment's time, the entire Disc Harrow can be raised from the ground on front and back truck—and driven over rough roads from house to field or from farm to farm, without the Disc edges touching the ground. No dulling of the Discs in transportation.

Strong Foot-brake makes driving down hill perfectly safe.

Space in this advertisement won't permit telling any more about this Harrow. You should send AT ONCE for my Big, Free Catalogue, giving full descriptions, and get my special price to you direct.

Let me say again DON'T DELAY A MINUTE. Write for catalogue and direct price.

W. W. Collier, Gen'l Mgr., American Harrow Co.,  
148 Hastings St., Detroit, Mich.



REMEMBER! You can buy the Detroit Tongueless Disc Harrow from factory only—we do not sell to dealers—but make factory prices direct to users.

## Free Hair Remedy

Quickly Removes Dandruff, Stops Falling Hair and Itching Scalp, Changes Gray or Faded Hair to its Natural Color. Grows New Hair.

TRY A FREE PACKAGE AT ONCE.



Nothing Quite So Nice as a Beautiful Head of Hair.

Remember, Foso actually grows hair, stops hair falling out, removes dandruff, insures a new growth of eyebrows and eyelashes, and changes gray or faded hair to its natural color. I don't ask you to take my word for it. Fill out free coupon below and mail it today.

### FREE PACKAGE COUPON.

Fill in your name and address on dotted lines below and mail it to J. F. Stokes, Mgr., 6723 Foso Bldg., Cincinnati, Ohio, and by return mail you will receive prepaid a free ten-cent trial package that will delight you.

Give full address—write plainly.

wish to invest in Canadian lands should write Mr. Slugleton.

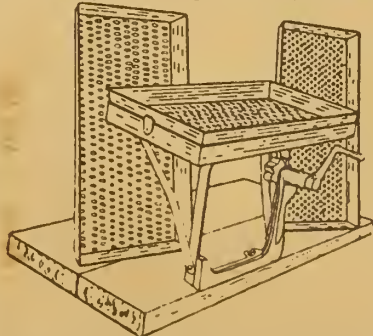
Mr. George C. Hunter, of Des Moines, Iowa, is offering for sale on easy terms, sixty-eight acres of land located ten miles north of Des Moines.

Mr. C. Williamson, of Sylvia, Kan., is offering a 320-acre stock farm, highly improved, for sale in his advertisement that appears on page 25 of this issue. At the price asked, Mr. Williamson considers this farm a bargain.

We know of no advertiser who has pursued a more honorable course in any and every way than Macbeth, the maker of "pearl glass," "pearl top" and "tough glass" lamp chimneys that get good light from a lamp without smoke or smell, provided you use the chimney made for your lamp, and he prints an index to lamps. We are glad to record his success. After having enjoyed the cream of the American trade for many years he is sending his chimneys abroad. Has won Australia, strangely enough, almost before beginning in England.

We are placing an advertisement in The Homestead this week of Mack's Lump Jaw cure, one of the oldest remedies on the market for this disease. One bottle will cure from three to six head. The price at which it can be obtained is named in the advertisement of Messrs. Mack Bros. & Co., of Spencer, Iowa, that appears on page 23 of this issue. We would suggest that if any reader of The Homestead has lumpy jaw cattle they write the firm for full information or order a bottle at once. The remedy has been tried and has given general satisfaction.

Mr. Charles Kohen, another solid farmer of Henry county, Ill., whose postoffice address is Osco, says: "I used a Delany Seed Corn Sorter for part of my planting this season and part went into the ground unsorted. Anyone can go into my field and



at once detect the sorted and unsorted corn. Where I used sorted corn I have a much better and uniform stand; in fact, a nearly perfect stand." See advertisement on page 9.

### ONLY TWO FARMS LEFT.

The farms in Cedar county, Missouri, which Mr. Geo. Gallup, of Kansas City has been advertising in The Homestead, are all disposed of but two now. Those who are interested in a good grain and stock farm at the low price of \$20 an acre should read Mr. Gallup's advertisement in this issue on page 24.

### THE AMERICAN FORK & HOE COMPANY'S EXHIBIT.

Our readers are familiar with the illustrated advertisement of the American Fork & Hoe Co., of Cleveland, Ohio, and we know that many are already familiar with the splendid goods manufactured by this company. Their display last week at the Iowa Retail Hardware Association meeting, held in Des Moines, was of no mean proportions and, like most of the company's advertisements, was designed to be educational. This company never does things by halves, as was attested by their exhibit last week, and if further evidence is required we call special attention to their handsomely illustrated catalog which has recently been published, the title of this catalog being "Tools and Their Uses." The illustrations



WRITE A POSTAL CARD FOR LARGE ILLUSTRATED CATALOGUE V-139. It is the most complete catalog of vehicles and harness ever printed. The cuts are made large so as to show you just how each vehicle is made. The two center pages show a colored plate 9x11 inches, of our CHICAGO SPECIAL BUGGY, reproduced in the actual colors just as it is painted and finished. The descriptions are complete and plain. All vehicles are shipped direct from our factory. Our prices are the very lowest. Be sure to see our astonishingly low prices and the most liberal terms ever offered. Marvin Smith Co., Chicago, Ill.

**\$100 Reward**

**\$100**

**The ONLY HOG and SHEEP WATERER.**

The ONLY will not run over or clog and will run all winter. If it fails we will forfeit \$100.00. Write and ask us about it. Enclose 10 cts. for booklet on hog-raising. Write to-day.

Price \$5.00, Worth twice it.

**ONLY MF. CO., Hawarden, Ia.**

are largely taken from photographs and the catalog contains much useful and valuable information. A card addressed to the American Fork & Hoe Co., Cleveland, Ohio, will bring this beautiful catalog free by return mail. If you write for it do not forget to mention The Homestead.

### LIKE ROASTED CHESTNUTS?

One nice thing about many farms is a liberal sprinkling of nut trees, especially sweet chestnuts. No farmer can have too many. The Gardner Nursery Company at Osage, Iowa, want to increase their circle of acquaintances and will send a one-year-old, hardy sweet chestnut tree to every property owner who will write for it. They say they're going to give away 10,000 of these trees. See advertisement on page 8.

### AMERICAN SCALES.

The Homestead wishes to call the attention of its readers to the advertisement of Messrs. Beckman Bros., of Des Moines, Iowa, which appears on page 17 of this issue. They are manufacturers of the American Scales, made either with pit or pitless, on wood or steel frames. They have made scales of such quality and for so many years that they are known the country over as manufacturers of a scale second to none in the country. The Homestead takes pleasure in suggesting that its readers write Messrs. Beckman Bros. for their prices, etc. They are a firm of excellent financial standing and well worth any trust you may place in them.

### GOOD FARM LAND IN TEXAS.

There certainly can be but small excuse for an Iowa farmer wanting land when such an excellent opportunity to buy "his kind of a farm" is open—as is now offered in the cutting up of the L. S. ranch near Amarillo, Texas. There are farm lands and farm lands being offered for sale in Texas, but this really seems to be the sort of a proposition that will please a farmer who comes from Iowa, northern Missouri, eastern Kansas, Nebraska and western Illinois. In other words, it is land adapted to general farming and stock raising. It is now covered with a thick, luxuriant growth of grass. You can dig down into the black soil and press it into balls; there is no dust and dried clods here. The rainfall in this region will average twenty-three inches a year. All of this means a certainty of crops. It is not land that will have to be cleared. Neither is it a country too hot for the white man. The altitude of this plateau is high enough to make the climate not only even and healthful, but enjoyable as well. Another feature that will sound good to the corn belt farmer is the presence of good, sweet water which can be found at a moderate depth. This ranch is situated in what is known in Texas as "the shallow water belt." It is located near the Santa Fe at Hereford. The grade for the Rock Island's new extension

runs alongside the ranch for ten miles. The postoffice is Vega, a new town which will at some not distant date be the county seat of Oldham county. Read the advertisement on page 24 of this issue of Messrs. Boyer, Peterson & Co., who represent the new owners of the tract.

### THE MIDLAND TWO-ROW CULTIVATOR.

The Midland Manufacturing Company, of Tarkio, Mo., has recently prepared the most attractive catalog that it has ever published. This catalog is illustrated, not with pen drawings, but with photographs of the Midland Two-Row Cultivator from every possible angle, and among other things there is given the illustration of forty of these cultivators lined up on the farm of Mr. David Rankin, of Tarkio, Mo. With this force, Mr. Rankin can cultivate 600 acres a day and do it thoroughly. Most of our readers are aware that Mr. Rankin is the most extensive farmer in the corn belt, and his success has been so marked that the average quarter section man need have no hesitation about imitating or following his methods. This catalog will be furnished free upon application to the Midland Manufacturing Company, Tarkio, Mo., and please mention The Homestead when writing.

### DES MOINES TANNING COMPANY.

The accompanying illustration shows how to ship your hides and furs to the Des Moines



Tanning Company, of Des Moines, Iowa. They are an old, reliable firm that is doing an ever-increasing business. The establishment



is complete in itself, doing all the work from tanning the hides to making the finished article. The Homestead takes pleasure in calling the attention of its readers to their advertisement on page 19 of this issue, and would suggest that you write for their special booklet No. 54, which gives details as to the method of shipping hides, and all details necessary to warrant satisfactory service from them.

#### A FREE TRIP TO ARKANSAS.

Why not go with them on their next excursion on March 19th and investigate the wonderful opportunities in their Locksburg Colony lands? Write for full information, pamphlet and beautiful map free. E. N. Brown, president Kansas City Southern Land Immigration Company, 708 Beals Bldg., Kansas City, Mo.

#### POSSIBILITIES IN VIRGINIA.

Every state has its own peculiar advantages. There are no two individuals in this great wide world with similar likes and dislikes. Every state and locality differs a little from any other state or locality. As a state, Virginia has grand possibilities in the line of agricultural pursuits. Just what these advantages are you will never know until you investigate. A great many home-seekers are now and have in years past found this state exactly to their liking. All that you desire to know about Virginia lands will be gladly answered by writing to Messrs. C. M. Bergh's Sons & Gaede, of Richmond, Va. On page 24 will be found further details. Mention The Homestead when you write.

#### WHERE TO BUY SEED CORN.

One of the best places to get seed corn for this year is at McNabb, Ill., the home of Mr. W. G. Griffith, one of the oldest growers of seed corn in this country. He is a member of the Illinois Corn Growers Association and has for several years been selected as expert judge at many of the largest corn contests. He is offering Reid's Yellow Dent and Improved Pride of the North varieties for sale in his advertisement on page 10 of this issue. Mr. Geo. Gregory, of Ralston, Iowa, bought his seed corn from Mr. Griffith and wrote him as follows: "The Improved Pride of the North I got of you last winter did fine for me. It would have been cheap to me if I had paid \$10 a bushel for it. At the Carroll County Institute I took sweepstakes with this early variety in hot competition." Order seed corn at once from Mr. Griffith, kindly mentioning The Homestead.

#### IOWA'S OLDEST TANNERY.

The Bayer Tanning Company, of Des Moines, Iowa, enjoy the distinction of being the oldest tanning company in the West. They boast of having been in that business for over thirty-five years when they began by tanning buffalo, cattle and horse hides for robes for the eastern markets. From that time on they have devoted their entire time to the business, studying and making improvements continually. Their tanning of robes, coats and rugs is a chemical process that enables them to bring out all the beauty and gloss in a hide that nature has put there, and at the same time render the hide as pliable as cloth, and puts aside the possibility forever of having its appearance and condition endangered by an attack of moths or worms. Their plant is always equipped with all modern machinery for tanning and is always open for your inspection. Write them, mentioning The Homestead, and we assure you that you will receive a response concerning the process a hide goes through in the process of tanning, also prices, etc. Their advertisement appears on page 4 of this issue.

#### HIGH-GRADE TOP BUGGY FOR \$50.

As an example of the big saving that can be made by dealing with the manufacturers instead of middlemen, take the famous White Hickory Flyer Top Buggy. The equal of "The Flyer" would cost \$75 to \$100 of any retail buggy dealer. But the Consumers Carriage Manufacturing Company, makers of the White Hickory Flyer, sell direct to consumers, and only ask \$50 for this splendid top buggy. You can have the White Hickory Flyer sent for a thirty days' free road test, and you are not expected to keep it unless it proves to be equal to huggies that retail at \$75 to \$100. The company agrees to take it back and pay freight both ways if "The Flyer" is not as fine a vehicle as they claim it is. The "Flyer" is an exceedingly handsome vehicle, designed and finished in the latest style. White hickory is used exclusively for

wheels and gear. White hickory (the outer part of the hickory log) has 50 per cent more elasticity, life and lasting qualities than the yellow heart of the log, which is the old, lifeless wood. Every subscriber who thinks of buying a top buggy should write to the Consumers Carriage Manufacturing Company, Dept. BA, Chicago, Ill., for their large vehicle catalog, and full details of the liberal thirty days' free road test.

#### CEMENT POSTS—TEN CENTS EACH.

That cement fence posts can be manufactured at a cost of ten cents each is a statement made by the Moore Post Mold Company, of Sterling, Ill. This company are ready to stand behind any assertions that they make. The proposition which they are placing before our readers is certainly a good one and worth investigating. The cement post is the coming post. They are economical and are rapidly being improved to a high degree of efficiency. Their lasting qualities make them highly desirable. Any of our readers interested in this matter should by all means write at once for descriptive circular to the above company. They will be glad to answer any of your inquiries. Kindly mention The Homestead when writing them.

#### AN ORGAN AT FACTORY PRICES.

You can now buy the famous Estey organ direct from the factory, and at the same time have the benefit of a thirty days' trial before paying for it. This sounds like a first-class proposition and undoubtedly it is. For sixty years this make of organ has been the world standard. It has been used and loved and praised by the world's greatest musicians. There are a great many qualities to be desired in an organ, and among these are most important its tone, touch, action, finish and construction. For sixty years these points have been given special attention in the construction of the Estey organ. This is the reason why it has a known reputation. Nothing has been left undone to make a first-class instrument out of the Estey. If you are about to select an organ you certainly want to try one of these instruments that is manufactured by the Estey Organ Company, at Brattleboro, Vt. Complete illustrated catalog will be sent on request.

#### SEEDS AND WHERE TO BUY THEM.

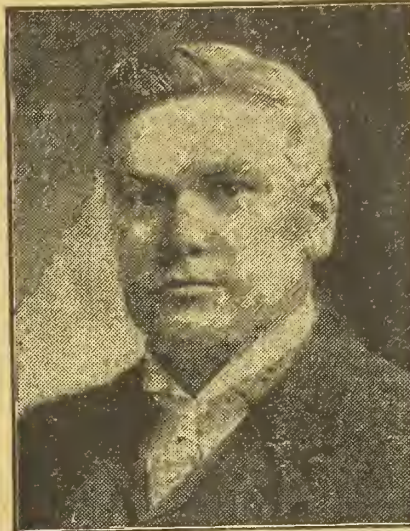
One of the duties of the farmer which has to be attended to at this time of year is the selection of seeds for the garden and farm. There are often better varieties in some one line of farm produce to be secured. The farmer who has his various farm and garden products up to their highest degree of perfection must be on a constant lookout for good varieties. The only way by which he can keep himself informed on the improvements that are taking place in the plant world is by the study of all the best seed catalogs that are to be secured. One of the seed catalogs which is worthy the attention of any farmer or gardener is that recently put out by the Barteldes Seed Company, of Lawrence, Kan. They carry a full line of western seeds for corn-helt planters. The catalog is complete in every way, including a price list and descriptive matter. If you do not have this catalog included in your list we would advise you to send for it. At the same time, kindly make note of the fact that you saw the advertisement in The Homestead.

#### SUTTON'S SEED CORN TEST OFFER.

"Test my seed corn. If it does not germinate as it is guaranteed to germinate, send it back and I'll refund your money." This is what Mr. G. D. Sutton, of Mason City, Ill., is writing to all his patrons. If the corn is not everything that is promised, the buyer may return it to Mr. Sutton within ten days and he will receive every cent of the price back. Mr. Sutton is offering Sutton's Improved Boone County White, Sutton's Favorite White, Reid's Yellow Dent, Gold Standard Leaming, and Premium Yellow Dent, the pick of lines that "make good" so satisfactorily that Mr. Sutton has not been obliged to return any money to purchasers. These perfect seed corns were selected from the product of 600 acres. Every ear was critically examined by an expert and had to pass in every point before it was included in the lot for sale as seed. Eight thousand bushels were thus obtained, and when this is sold there will be no more to offer, as Mr. Sutton positively refuses to handle any cheap seed corn bought to supply the demand. The corn may be ordered in the ear or shelled. All shelled corn is nubbled at both ends and afterwards graded. Write today for an il-

## FREE CATARRH TREATMENT

Did I not know that I am able to cure Catarrh I would not make this offer. When I have thoroughly examined your case I will tell you the



T. F. WILLIAMS, M. D.  
Consulting Physician

truth, whether I can cure you or not. I have hundreds of testimonials from grateful patients that have trusted me and been entirely cured.

JOSEPH ZARN, Harrisburg, Neb., writes: "I am feeling better than I have for years, and believe your treatment has cured me. I feel satisfied that I will need no more medicine."

WM. BECKETT, Sharpshurg, Ia., writes: "I am feeling well and will not need any more medicine. Your medicine certainly has done all you claimed. I will recommend your treatment to other catarrh sufferers."

I could not offer ONE MONTH'S MEDICINES FREE OF CHARGE if I did not feel sure that it would positively cure Catarrh. In order to prove to every person afflicted with Catarrh in any form that my treatment will effect a cure even though other remedies have failed, I am willing to stand the expense myself for the first month's medicines. I will also send you my Free Illustrated and Descriptive Book, "Catarrh and its Cure." Address as follows:

**DR. T. F. WILLIAMS,**

211-218 Flynn Building

DES MOINES, IOWA

#### MACK'S LUMP JAW CURE

Oldest Remedy on the Market.  
One bottle cures three to six head.  
\$2.00 per Bottle.

MACK BROS. & CO., Spencer, Ia.

WANTED—An energetic and experienced young man to work on stock and grain farm. State wages wanted. D. W. Nickerson, Marble Rock, Ia.

Illustrated seed corn book. Address Mr. G. D. Sutton, Dept. D, Mason City, Ill.

#### 1,200-ACRE IOWA FARM FOR SALE.

What is considered one of the finest large Iowa farms is offered for sale this week by Messrs. Kinkadee & Fessler, of Des Moines, Iowa, in their advertisement that appears on page 24 of this issue. It is well improved with a good nine-room house having hard floors, furnace, hot water heat, bath, etc. There are large horse and cattle barns and hog houses and other buildings on the place. It will be sold for cash and some cheaper land or income property would be accepted as part payment. For full particulars address the advertisers who also have a great many other Iowa farms on their list, as well as improved and unimproved South Dakota land.

#### LIGHTNING AND TELEPHONES.

Mr. W. E. Ashby, of the Ashby Telephone Cut-Out Company, Chariton, Iowa, has a device which he calls "The No Risk Lightning Arrestor and Cut-Out." It is attached to the country telephone in a very simple manner, and is so arranged that by pulling a lever, the main wire of the telephone line is disconnected from the telephone and connected with ground wire; thus absolutely cutting out the telephone so that lightning on the main wire will run into the ground. By this device the heaviest lightning stroke is switched away from the telephone, switched away from the house. The telephone is protected and the house is practically made lightning proof. This "No Risk Lightning Arrestor," while very remarkable, is at the same time very simple. It sells for \$2 and will be sent to any address on receipt of that amount, with full instructions and materials for installing it. Full details and particulars will be sent to anyone on application. Address W. E. Ashby Company, 199 Square St., Chariton, Iowa.

#### "GO WEST, YOUNG MAN."

"Go west, young man," is the advice that has lasted and proven its soundness for a good many decades. The West is teeming with possibilities, especially along the line of agriculture. The young farmer is right in line to reap the wonderful profits that await him in the new lands of the North and West. In southern sunny Alberta is one of the finest live stock countries perhaps on the whole face of the earth. The summers are grand, while the winters are as mild as those of the central states. This is the coming wheat, alfalfa and sugar beet country on the continent and the markets for beef, mutton, pork, grains and all other farm products are unexcelled. It is a land of irrigation, and the Canadian irrigation laws are the best on earth; in fact, never in the history of that country has there been a suit over water rights. Contrary to the opinion of many, the Canadian government stands behind the farmer and is ready to shield him from oppression. This means much. If you are interested in new land here is your opportunity to get some very desirable information regarding the best land on earth in the last great West. Write at once to the

Canadian Pacific Irrigation Colonization Company, Calgary, Alberta, Can. See page 25 for further particulars.

#### THE RELIABLE NURSERYMAN.

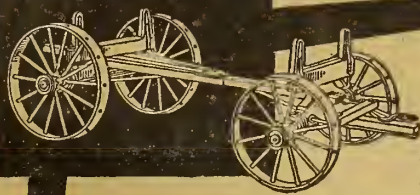
The most of the readers of The Iowa Homestead will know the person referred to in the head line of this article is Mr. M. J. Wragg, even before they read his name. Mr. Wragg has been in the nursery business for many years and, to our best knowledge, has always proven reliable, so much so that The Iowa Homestead can call attention to his advertisement on page 10 of this issue and recommend him to its readers. In connection with his nursery business, Mr. Wragg enjoys an extensive patronage as a landscape gardener. In this business he is one of the pioneers, having specialized along this line for over twenty years. He keeps in his employ constantly, an expert engineer, who assists him in his labors. Why not write him about plans for beautifying your home? A letter will reach him addressed to M. J. Wragg Nursery Company, 330 Good Block, Des Moines, Iowa.

#### STARK BROS.' ELEGANT NURSERY CATALOG.

The Stark Bros. nursery have always been noted for their elegant and complete nursery catalogs. Their new catalog for the season of 1907 is no exception. It is richly illustrated with cuts of the various fruits of the corn belt in actual colors. Messrs. Stark Bros. were among the pioneers of Missouri, and their business has been steadily growing since those early days. At present it has assumed a magnitude that is certainly gratifying. Judge Stark, the original founder of the business, came from Kentucky to Pike, one of the richest counties in Missouri, where at present is located this nursery which is perhaps one of the largest in the world. Every year thousands of travelers pass through by rail the extensive reserves of this nursery adjoining Louisiana, Mo. We can refer any of our readers who are intending to buy fruit trees, small fruit and ornamental trees and decorative plants to this nursery, for we are quite certain that their complete stock will contain anything you might desire. The catalog is a beauty. A postal card will bring it.

#### GOOD HAYING MACHINERY.

The Loudon Machinery Company, of Fairfield, Iowa, manufacture a full line of haying machinery, such as hay forks, pulleys, carriers, slings, door hangers, in addition to feed, ensilage and litter carriers, as well as cattle stanchions and many other similar articles. The company have recently issued a beautiful catalog illustrating and describing their entire line of goods, and those of our readers who are in need of anything enumerated in the above list will make no mistake by sending in a request for this catalog. We would like to call special attention to the Loudon Self-Acting Litter Carrier. This is designed of course to reduce the labor of removing litter and manure from stables. It is hung from an overhead track and is therefore absolutely out of the way at all times, and whether loaded or unloaded it is moved along its track with but little effort. Dairy men and stockmen generally will find this carrier a labor saver in the cleaning of cow and horse stables. However, as said before, the catalog describes the carrier in full, as well as every other line of machinery manufactured. For further particulars address the Loudon Machinery Company, Fairfield, Iowa, and mention The Homestead when you write.



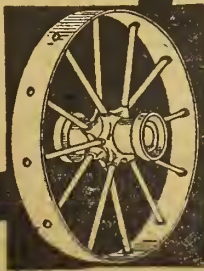
**What Every Farmer Should Know**

Economy is but another name for profit. If you want to learn how much extra profit your farm can be made to yield you, send for the Empire Wagon Book. It shows what real saving of time, labor and money means. This book sets forth the true value of Empire Steel Wheels and tells how to convert an old narrow tire, high wheel wagon into a new indestructible one by fitting it with

**EMPIRE**

Steel Wheels. This book shows how a fresh plowed field makes as easy hauling as a macadamized road. Tells how to save horse flesh and man labor; it explains why the Farmer's Handy Wagon costs nothing for maintenance but the price of the axle grease. This book will put money in your pocket—will more than save the price of a wagon. Send for a copy to day. It's free.

EMPIRE MFG. CO.,  
Box 103-M, Quincy, Ill.





## A QUESTION FOR TOM, AND A SUGGESTION.

Tom, you are twenty-one; where are you going to farm this year? Are you going to stay with "the old man" or will you rent a forty and put it in corn? Now, Tom, let's ask you a question—one to figure over before you sign that lease. Wouldn't it be better instead of paying the landlord two-fifths of the crop to put that money in a farm of your own? That is, put the rent into the purchase price of a good forty for yourself. You can't afford land about home, but you are a man now, and here is one of the questions you will have to meet and solve for yourself. If you can get a good farm for say \$40 to \$50 an acre on time, with the certainty that the crop will not fail you, that one year will be as good as another, will you let the thought of home ties—dear as they are—stand in the way of your making a man of yourself, just as your father did when he came from the old home down East? There are hundreds of good opportunities awaiting every active young man of this land who is willing to work. One of these is in southwestern Kansas in the Arkansas valley near Garden City. Years ago this was all ranch land. It was cheap, and the "short grass" which grew wild upon the prairie land made good pasturage for great herds of stock belonging to the cattle kings. Then the government took a turn. The soil is as rich as can be found anywhere, being the deposits brought down from the mountain sides for ages by the Arkansas river. But drouths visited the country occasionally. It was along this line that the government got busy. Deep test wells were driven, and it was found that there was unlimited water underneath, and all that was necessary was to get it on top. The result was the starting of an irrigation plant. It was a new proposition, as the farmers of western Kansas knew nothing of irrigation; but they were willing to try and the government was willing to show. Some failures were encountered at first because mistakes were made; but nowadays irrigation is reduced to as sure a proposition as making coffee—so much coffee, so much boiling water, and there you are; likewise, so much water at a certain time for a certain crop; for another crop more water at a different time, and no water at all when the crop gets so far along, and again there you are. It is not a hard proposition. It will be new to you, but you can learn it. You don't have to wonder whether you will have a crop to pay taxes, interest and the instalment on your loan; you know when you plant that the land and the water will do their work. "It's up to you." Then there is alfalfa. Any land that can grow alfalfa means a fortune for the owner. There is no better hog feed known. As a hay crop, it yields at least three crops a year and averages above eight tons per acre, which will sell in stack at from \$6 to \$9 a ton. But why sell it to the other fellow? If he pays you say \$8, it is worth every cent of \$8 and more to him. He intends to make a profit on it. Feed the alfalfa to your cattle and hogs. You will get the profit, for it will bring you \$10 a ton on the Kansas City stock market when it stands on four legs. This is a great sugar beet country. The United States Sugar & Land Co. have a million dollar beet sugar plant at Garden City and will pay you \$5 a ton for your beets. The land will raise twenty tons of beets per acre. If you are too busy with your stock or alfalfa or fruit crops (cantaloupes will net you \$125 per acre, and there is good money in all tree fruits and berries), the factory company will furnish you labor at about \$30 an acre for both hand and team work. That will leave you a net profit of at least \$70 per acre; many are making more than that. The beet tops and the pulp returned by the factory completely round out alfalfa as a feed. Your stock will top the market without a hush of corn. Read the advertisement of the Great Western Land Company on page 25 of this issue and write them for literature.

## THE KEEN KUTTER TOOL DISPLAY.

One of the attractive booths installed at the annual meeting of the Iowa Retail Hardware Association, held last week in Des Moines, was that of the Simmons Hardware Company, of St. Louis, Mo., the manufacturers of the well-known Keen Kutter goods. Their exhibit was composed of practically every edge tool that is used in the home, on the farm and in the shop. It was designed in detail to show the superior composition of the Keen Kutter goods. Their motto, "The recollection of quality remains long after the price is forgotten," was prominently in view.



Included in Mr. A. C. Lund's Duroc sale at Kearney, Neb., March 8th. See field notes.

## New Tongue Truck

## FOR DISK HARROWS AND OTHER MACHINES

No need of buying a new Harrow, Mower or Seeder to have the new tongueless implements. Your old implements can be made modern and up to date by buying one of our inexpensive *Famous Tongue Trucks*. Can be attached as shown in picture to any implement, old or new, and is the simplest and most practical truck made. **Takes the weight from the horses' necks**, prevents bruises and galls. Only truck made which permits raising or lowering of tongue and hitch at the same time, thereby causing direct draft and even cut of disks. Write postal for particulars.

Crescent Furnace and Foundry Co., 600 Madison St., Des Moines, Iowa.

**\$6.50**

**Free**

WRITE FOR  
Circular containing large pictures of different style trucks with full description of each, and our proposition to send either style truck on ten days' approval.

## FANNING MILLS



We build both Side and End Shake Cleaners for farm use. Let us tell you about the "Expert." It has stood at the head for many years. Will grade your Oats and Barley, and is the very best in Timothy, Clover, etc. Select seed on the Double Feed principle.

## SMUT MACHINES

The Export Smut Destroyer will stop the smut in OATS and BARLEY as well as wheat, and will increase your yield 5 to 10 bu. per acre. A boy can operate it. Write and see whether our claims are reasonable.



## CORN GRADERS

We have the grader that is Expert in its work. Sacks all grades. Capacity 15 bu. per hour. Operator is seated. Folds for storage. Costs less than inferior machines. Write.



ANDREW CLELAND, Inventor and Mfr., 30 Years' Experience, 80 Western Ave., MINNEAPOLIS, MINNESOTA

## LANDS AND HOMES FOR SALE

## IMPROVED FARMS

Wild lands, general merchandise stocks, hardware stocks, and city property for sale and exchange. Write me. Fremont S. Gibson, Agent, Mason City, Iowa.

**FOR SALE OR EXCHANGE:** 240 acre east-ern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

**THREE BARGAINS:** 80 acres, well improved, near Emporia. 150 acres, fairly well improved, near Jola. 160 acres, good improvements, near Humboldt. Reasonable prices, very easy terms, possession March 1st. Your last chance for this spring. Address, F. S. Bennett, Emporia, Kansas.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## FOR SALE.

FARM lands, 10,000 acres of prairie land in lots to suit purchasers, payments easy; also improved farms, all sizes, in southwestern Manitoba, near good towns. Write for list stating your requirements. Cameron & Duncan, - Melita, Manitoba

**FOR SALE OR EXCHANGE:** 300 acres Mer-riam county, Missouri, improved, good land. 216 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**TO EXCHANGE:** Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.



Homeseeker, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Mende, Kansas.

## Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free. HAZEL J. MEEK, Chillicothe, Missouri.

**TO EXCHANGE:** Good 640 acre farm in Wilkin county, Minn.; 488 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

**DONT FREEZE** COME TO VIRGINIA! 500 Special Bargains in Farms. Northern farmers send for new catalog. Learn about this country. Southside Realty Co., Inc., (Successors to Percival Bros.) Petersburg, Virginia.

## ASK ME

We are selling the finest body of

## Texas Panhandle Lands

ever put on the market

Best of location and best in quality and price, on very easy terms. Our location, Dallam county. Write us for full information and maps.

Next Excursions March 5th and 19th.

J. C. MEHAN &amp; CO., 328-29-30 UTICA BLDG., DES MOINES, IOWA

## GET A SLICE OF TEXAS

Do you know that the State of Texas is six times as large as the State of Iowa? The Panhandle of Texas contains about 25,000 square miles. This is not all good land; some sand, some rough land only fit for grazing, and some as fine land as the sun ever shone on. In some portions of the Panhandle it is very deep to water, some places 300 to 450 feet. Our land is in what is known as the shallow water belt. The owners have recently purchased 30,000 acres of the L. S. Ranch, directly west of Amarillo, the very choice of this immense property. All good black soil, and covered with the thickest and best growth of grass that can be found in the Panhandle.

Our land lies ten miles along the New Rock Island grade, and nearly five miles wide, in Oldham County, and adjoining the town of Vega, which is destined to be the new County seat.

GOOD SOIL, GOOD WATER, GOOD CLIMATE, located within a few miles of the greatest railroad in America, (The Rock Island) and all for \$10.00 to \$15.00 per acre.

Here is a chance to get some of the CREAM and on good terms. You deal direct with us. Write us. Next excursion March 5th, leaving Kansas City morning of March 6th. Buy ticket to Hereford, Texas, via Santa Fe.

Come to our office 8th and Walnut Streets, five minutes from Union depot at Kansas City.

**BOYER, PETERSON & CO.,**  
408 - 410 Gumbel Building, KANSAS CITY, MO.

## FREE

## A Beautiful Book of Western Canada.

WRITE ME FOR IT.

ASBERRY SINGLETON,  
Gladstone, Manitoba, Canada

## A FREE TRIP TO ARKANSAS

NEXT excursion March 19. You can buy land in our Locksburg colony, near Locksburg, Sever county, at \$4.00 to \$6.00 per acre, that will rent from one-fourth to one-half the cost each year. Write us for free pamphlet and map.

**E. N. BROWN,**  
President Kansas City Southern Land & Immigration Co.,  
708 Beals Building, Kansas City, Mo.

## VIRGINIA Welcomes the Northern HOMESEAKER

No other State offers such opportunities. The climate is mild and healthy, the soil is rich and a little money will purchase a fine place with good buildings and every convenience. Write us. We will answer all questions. You'll wonder why you never investigated us before.

C. M. BERGH'S SONS & GADE,  
1439 Main St. Richmond, Va.

## MR. RENTER

STOP MOVING. Buy a farm in St. Louis County, Minn., on terms easier than renting and settle down. Good agricultural land at reasonable prices and easiest terms ever offered. For full information address Land Commissioner D. & T. R. R. Co., 325 Wolvin Bldg., Duluth, Minn.

## FOR SALE, RENT OR EXCHANGE:

Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**Perryman & Linden, REAL ESTATE FARM LOANS,**  
Morrison, Okin. A long list of improved Farms, in the famous Bear Valley.

## A FINE IOWA FARM

OF 1200 acres. House No. 1, 9 rooms, hardwood floors, furnace, hot water heat, bath, etc. House No. 2, 8 rooms basement, etc. Horse barn 68x70, cement floor, granaries, etc.; cattle barn 70x72, box stalls, stanchions, cement floor; cattle shed, 24x200; crib, 32x68, engine house, 16x24; inexhaustible water supply; machine shed, 18x100; woodhouse, 16x20, hog house, 20x100; other shedding; 3 windmills, water piped to yards and buildings; 2 scales. This is one of the finest farms in Iowa. Will sell for cash or take some cheaper lands or income property. For full particulars address us. We have a great many Iowa farms on our list as well as improved and unimproved South Dakota lands. If you have a farm for sale or want to buy, let us hear from you.

**KINKEAD & FESLER,**  
20 News Arcade, Des Moines, Iowa  
Reference: Mechanics' Savings Bank, Des Moines, Iowa; Marion County National Bank, Knoxville, Iowa.

## Only Two Farms Left

600 ACRES } Cedar Co., Missouri.  
800 ACRES }

EITHER of these places at \$20 per acre, 1/4 cash. Balance 5 years, 6 per cent interest. Write for particulars. Good grain and stock farms.

**GEO. H. CALLUP,**  
1420 Grand Ave., Kansas City, Mo.

**FARMS FOR RENT:** 320 acres, 3 miles of Independence, Iowa, good land and improvements; \$3.50 an acre or grain rent. 246 acres, 2 miles northwest of Ulrich, Henry Co., Mo.; good level land and good improvements; \$2.50 an acre or grain rent. 640 acres, Wilkin Co., Minn.; about one-half in cultivation, fair improvements; \$1,000 or grain rent. Northern Iowa Land Co., Independence, Iowa.

**TO SETTLE ESTATE.** 200 ACRES near city of 24,000, nice house, big barn. Price \$70.00. Address, Geo. W. Blair, Ottumwa, Iowa.

68 ACRES ten miles north-west of Des Moines court house. Easy terms. Geo. C. Hunter, 317 I. L. and T. Bldg., Des Moines, Iowa.



# LANDS AND HOMES FOR SALE

## SOME ..SUGAR BEET PROFITS..

Made at Garden City, Kansas.

	Acres.	Tons per acre.	Net profit per acre.
Jas. Renick.....	40	32	\$125
Geo. Eiler.....	15	25	80
Alf. White.....	10	24	85
G. G. Baker.....	15	20	65

These Figures are taken promiscuously from the records of the beet sugar plant of the United States Sugar and Land Company at Garden City.

You can do just as well as these beet growers are doing. Before raising beets, they were the same kind of everyday farmer that you and the rest of us are. Not all of the growers made \$125 an acre—the records show the average to be \$70 per acre. One man made but \$35 per acre, but he took care of 205 acres which made him \$7,175 in one year. It is a question of work. This land in the Arkansas Valley is all rich soil. The water can be turned into the fields from the irrigation ditch when needed; the rest is up to the grower.

Quite as interesting as sugar beet growing is alfalfa raising. This wonderful foreign crop was grown here before beet growing was taken up. It yields three and four crops a season, averaging eight tons per acre. The hay sells in stack at from \$4.50 to \$8.00 per ton. Fed to stock, it will net you over \$10 per ton. Alfalfa fed with beet tops and beet pulp (returned free by the factory) makes the most perfectly balanced stock ration in the world. Your alfalfa harvest is on between working periods in the beet fields. Fruit growing is another highly profitable industry. All kinds of tree fruits and berries thrive profitably in the Arkansas Valley. Cantaloups equalling the Rocky Ford, make \$125 an acre. One settler made \$600 on an acre of onions. You can practically grow what you want in the Arkansas Valley.

The reasons of this success are soil and irrigation. The soil is the choice loam, washed or stolen for ages from the mountain sides by streams and deposited along its valley by the Arkansas river. The country is under five great irrigation ditches, fed from an underflow proven by the government to be inexhaustible. A great storage reservoir built by the national government is nearing completion.

Excursions From Eastern Points March 5th, From Kansas City March 6th.

**\$40 to \$75  
AN  
ACRE.**

Write for Booklet to  
**The Great Western Land Co.,**  
Box A, Blossom House,  
Kansas City, - - Missouri.

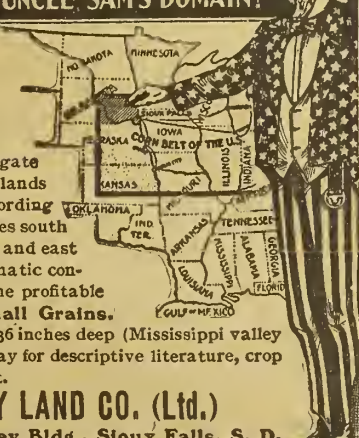
**Irrigated  
Land  
Never Fails**

**DO YOU KNOW THAT UNCLE SAM PRODUCES 80% OF THE WORLD'S SUPPLY OF CORN? DO YOU KNOW THAT YOU CAN BUY GOOD CORN LAND CHEAPER TO-DAY IN SOUTH DAKOTA, THAN ANY OTHER CORN PRODUCING STATE IN UNCLE SAM'S DOMAIN?**

**FARMERS!  
INVESTORS!  
STOCKMEN.**

Before buying lands investigate South-Eastern South Dakota, where good lands may be obtained at \$18.00 per acre and up, according to location and improvements. We are 175 miles south of the southern boundary line of North Dakota and east of the 99th Meridian W. Longitude, where climatic conditions and rain fall are both favorable to the profitable production of Corn, Red Clover and Small Grains. Our soil is a Black Vegetable Mould 24 to 36 inches deep (Mississippi valley formation), with a clay sub-soil.—Write us today for descriptive literature, crop reports (issued by the State), and big land list.

**BIG SIOUX VALLEY LAND CO. (Ltd.)**  
Ramsey Bldg., Sioux Falls, S. D.



**LET ME SELL  
YOUR FARM, HOME  
OR BUSINESS.** No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

**GLENN REALTY CO.**  
16 Gumbel Building, KANSAS CITY, MO.

**SELL YOUR FARM**

ness, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.

Real Estate Salesman Co  
412 Brace Bldg.  
Lincoln, : Nebraska

When writing please mention this paper.

**MEN WANTED**

IN THE REAL ESTATE BUSINESS. If you are located in a productive agricultural district, no matter where, are honest, ambitious and willing to learn the business thoroughly by mail we will appoint you representative of our company in your own town and assist you to become a successful and prosperous business man with an income of \$3,000 to \$5,000 annually. The real estate business has assisted many men without capital to become independent for life. Full particulars FREE. Write us to-day.

**AMERICAN CO-OPERATIVE REALTY CO.,**  
3070 New Nelson Bldg., Kansas City, Mo.

**THE MILD CLIMATE IN VIRGINIA**

OFFERS SPLENDID opportunities for farming, stock raising, fruit growing and general farming. Winters are mild and short. Climate healthful. Markets near. Lands are advancing. Write for information to

**G. W. KOINER,**  
Commissioner of Agriculture,  
RICHMOND, VIRGINIA

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.



## Turn On The Rain When You Need It

**I**F YOU are a farmer you have seen your crops suffer for lack of moisture. Did it ever occur to you when the drouth came what a fine thing it would be to have a stream of water running through your field, which could be turned onto the thirsty ground.

If this thought never did occur to you just stop and think a minute—water always there—no danger from dry spells—no possibility of crop failure, for when you have good land, good seed and warm weather all you need to make a perfect crop is moisture—we furnish the moisture and there is absolutely no failure in the supply.

You believe in irrigation—you can't help it, for it marks the difference between absolutely sure crops and uncertainty.

Certainty is always to be preferred—therefore you believe in irrigation.

That being the case it only remains for you to choose the best spot under irrigation in which to invest your money and make your home.

All things considered, Sunny Southern Alberta is the best district in the world for the man seeking sure returns.

In the first place, the Canadian irrigation laws are the best on earth—in the history of

Canada there has never been a suit over water rights—the Government stands behind the farmer and settles disputes free of cost in case there should be any, but there are none because the Government sees to it that no irrigation ditches are built unless there is ample water to supply them.

To the farmer who has had endless water litigation this means much.

The land is good in Alberta—there is no better and the constant deposit of silt and other suspended matter continually improves it.

Southern Alberta is without question or doubt the finest live stock country on earth—the summers are grand and the winters are mild as those of the Central States.

Almost any crop can be raised in Southern Alberta. It is the coming wheat, alfalfa and sugar beet country of the continent, and the markets for beef, mutton, pork, grains and all other farm products are better than those of the western states.

If you want to verify what we say by seeing Sunny Southern Alberta, we will be glad to make the trip cheap and easy for you—send your name and address and learn how to get here the best way and how to get the best land on earth in the LAST GREAT WEST at prices so low that they are hardly to be considered. Address,

**THE CANADIAN PACIFIC IRRIGATION COLONIZATION CO.,**  
71 9TH AVE. WEST, CALGARY, ALBERTA, CANADA.

### FARMERS, READ THIS!

If you want to buy a farm this year in Minnesota, South Dakota, North Dakota or Canada, either for cash, or on the crop payment plan, send ten cents for postage, tell us where you want to go and we will tell you all about the land, our easy terms of selling and how you can get a free ticket to see it. We will also tell you how you can make \$100 per month working for us.

**GILLILAN BROS., 354 Temple Court, MINNEAPOLIS, MINN.**

## Government Land.

1,000,000 Acres Soon Open.

TWO Indian Reservations and four U. S. Government Irrigated districts soon to be thrown open in Washington, Oregon and Idaho—over 1,000,000 acres in all. These lands are valuable for agriculture, fruit raising, stock raising and dairying. The climate is unexcelled. President Roosevelt in a speech in Seattle three years ago said that if he were twenty years younger he would settle in Washington. The western states contain the last of the government lands and when new districts are thrown open the best land is soon taken. I have prepared maps and descriptive booklet of the resources, etc., of these Reservations and Irrigated lands, containing also statement of the laws for taking up lands and water rights which I will mail postpaid on receipt of price, \$2.00. Address,

**JOS. MCCARTHY,**  
Hyde Bldg., - Spokane, Wash.  
References: Fidelity National Bank, Spokane, Wash.; Floyd L. Daggett, Mayor of Spokane, Wash.

## WE SELL THE EARTH.

YES, we sell the earth. If you don't believe it, please send for our new price list of Central and Western Nebraska Lands. We have the best land for the money in the West, located in Buffalo, Dawson, Custer, Lincoln and Keith counties, from \$2.50 to \$8.00 per acre. Don't forget to write us for our list of Nebraska Lands.

**W. F. Smith Realty Co., Kearney, Neb.**

### Dodge County Acres For Sale.

320, all tillable, improved, well located, \$40.  
320, mostly seeded, improved, farther out, \$38.  
450, all tillable, fine set buildings, new, \$55.  
530, all tillable, two good sets buildings, \$50.  
I have all sizes of farms. Let me tell you more about southeastern Minnesota farms. Address,

**J. L. GRISWOLD, Dodge Center, Minn.**

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

GOOD farming and grazing land in Lincoln county, Nebraska, \$3.00 to \$25.00 per acre. For land lists and full particulars, address Buchanan & Paterson, Land and Immigration Agents, U. P. R. R., North Platte, Neb.

## The CANADIAN West is The Best WEST

**160 ACRE FARMS IN WESTERN CANADA FREE.**

THE testimony of tens of thousands during the past year is that the Canadian West is the best West. Year by year the agricultural returns have increased in volume and value and still the Canadian Government offers 160 acres free to every bona fide settler.

**GREAT ADVANTAGES**

The phenomenal increase in railway mileage—main lines and branches—has put almost every portion of the country within easy reach of churches, schools, markets, cheap fuel and every modern convenience. The ninety million bushel wheat crop of this year means \$1,000,000 to the farmers of Western Canada, apart from the results of other grains as well as from cattle.

For literature and information address  
Superintendent of Immigration  
Ottawa, Canada,  
or the authorized Canadian Government Agent,  
W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 815 Jackson St., St. Paul, Minn.

## MILD WINTER

Protected by great hills and warmed by almost perpetual sunshine, Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston [pop. 12,000] is the commercial and transportation center for an immensely productive fruit, grain, lumber & mining territory. Write today for detailed and authentic information about new fruit and vine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soil as fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity! Address **DEVELOPMENT LEAGUE, at LEWISTON, IDAHO or CLARKSTON, WASH.** Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

**LEWISTON-CLARKSTON**  
IDAHO WASHINGTON  
"The Gateway of the Pacific Northwest"

**320 ACRES—** Fine stock farm, highly improved, \$30,000 per acre. This is a bargain. Write for terms. C. Williamson, Sylvia, Reno Co., Kansas.



## The Podendorf Sale.

A good big crowd attended the A. J. Podendorf sale at Logan, Iowa, on February 23d. No high prices were paid and some good bargains were secured by breeders. Mr. O. N. Remington, Tekamah, Neb., topped the sale at \$55 for No. 11, an Iowa Sunshine gilt, and she was a great bargain at that price. The average on the whole offering, excepting the fall pigs, was \$36. Below is a list of those selling for \$25 and over:

Lot.	Price.
1 Herman Maaske, Logan, Iowa.....	\$41
2 W. J. Ryan, Logan, Iowa.....	40
3 Herman Maaske.....	41
4 W. J. Ryan.....	39
5 C. N. Carson, Logan, Iowa.....	40
6 Wm. Ellerbeck, Logau, Iowa.....	39
7 C. A. Dinsmore, Logan, Iowa.....	36
8 T. E. Giddings, Magnolia, Iowa.....	38
9 John Huff.....	37
10 O. N. Remington, Tekamah, Neb.....	42
11 Same.....	55
12 J. D. Spencer, Logan, Iowa.....	33
13 David Howard, Logan, Iowa.....	29
14 A. O. Huff, Arcade, Neb.....	50
15 A. J. Banks, Montour, Iowa.....	38
16 J. R. Carier, Lynch, Neb.....	36
17 T. E. Giddings.....	36
18 A. E. Bessire, Missouri Valley, Ia.....	36
19 T. E. Giddings.....	30
20 R. J. Johnson, Belknap, Texas.....	35
21 D. Howard.....	25
22 Same.....	25
23 Same.....	25
24 Same.....	25
30 Boar, L. H. Emmons, Emmons, Minn.....	50
31 Boar, A. C. Lanham, Battle Creek, Iowa.....	25
33.....	25
37 Boar.....	25
12 Baker Bros., Britt, Iowa.....	50

## AWFUL PSORIASIS 35 YEARS.

Terrible Scaly Humor in Patches All Over the Body—Skin Cracked and Bleeding—Cured by Cuticura.

"I was afflicted with psoriasis for thirty-five years. It was in patches all over my body. I used three cakes of Cuticura Soap, six boxes of Ointment, and two bottles of Resolvent. In thirty days I was completely cured, and I think permanently, as it was about five years ago. The psoriasis first made its appearance in red spots, generally forming a circle, leaving in the center a spot about the size of a silver dollar of sound flesh. In a short time the affected circle would form a heavy dry scale of a white silvery appearance and would gradually drop off. To remove the entire scales by bathing or using oil to soften them the flesh would be perfectly raw, and a light discharge of bloody substance would ooze out. That scaly crust would form again in twenty-four hours. It was worse on my arms and limbs, although it was in spots all over my body, also on my scalp. If I let the scales remain too long without removing by bath or otherwise, the skin would crack and bleed. I suffered intense itching worse at nights after getting warm in bed, or blood warm by exercise, when it would be almost unbearable. W. M. Chidester, Hutchinson, Kan., April 20, 1905."

## The Commodore Sale a Success.

The combination sale made by several prominent breeders of Durocs in Kentucky, Indiana and Ohio, at Louisville, Ky., on Friday, February 22d, resulted in one of the best averages of the season. The stock offered was in keeping with the prices received. Females bred to Commodore, the champion boar which heads the good herd of Messrs. Amos W. Harris & Sons, at Waverly, Ky., were in demand and sold readily at nice figures. This firm were the principal consignors to the sale and their lot of thirty-four head made an average of \$179.48. The top figure was \$530, at which price a yearling sow, daughter of Orion, bred to Commodore, went to the Whitehall Farm, Yellow Springs, Ohio, Mr. J. F. Crum, of Sellersburg, Ind., being the competing bidder. He secured a daughter of Top Notcher bred to Commodore at \$500, and a daughter of Junior Jim went to Mr. H. E. Browning, of Hersman, Ill., at \$500. She was bred to Commodore and this cross should result in something good. Col. H. L. Iglehart, of Morganfield, Ky., called the assembly to order and introduced Col. Tom Vinndge, who sold the principal portion of the offering, and was assisted by Colonels Iglehart and West in the ring. List of sales follows:

Lot.	Price.
AMOS W. HARRIS & SON'S CONSIGNMENT	
1 T. W. Stoner & Son, Henry, Ill.,	\$210.00
2 M. M. Bardwell, McHenry, Ky.,	100.00
3 John Hess, Ripley, Ill.,	65.00
4 A. E. Stutt, Avoca, Neb.,	300.00
5 F. L. Yantis, Lancaster, Ky.,	93.00
44 Thos. Johnson, Columbus, Ohio,	101.00
6 W. R. Warren, Seaford, Ind.,	190.00
7 J. Chilton, Campbellsburg, Ky.,	100.00
8 P. C. Clever, Lebanon, Ky.,	230.00
9 M. M. Bardwell.....	100.00
10 E. S. Marriott, Glendale, Ky.,	106.00
11 J. D. Harvey, Zionsville, Ind.,	101.00
12 M. D. Nidlinger, Decatur, Ind.,	161.00
13 Norton Garth, Trenton, Ky.,	100.00
14 E. P. Haraway, Irvington, Ky.,	70.00
15 Geo. W. Trone & Son, Rushville, Ill.,	150.00
17 Taylor, Morris and Schrotberger & Sons, Dwight, Ill.,	170.00
18 John F. Crum, Sellersburg, Ind.,	500.00
19 C. H. Drury, Irvington, Ky.,	180.00
20 A. L. Lynch, Mt. Airy, Iowa,	301.00
20 1/2 E. W. Veluzat, Horse Cave, Ky.,	131.00
21 W. J. Prather, Russell, Iowa,	125.00

22 E. M. Castle & Son, Joy, Ill.,	135.00
23 Whitehall Farm, Yellow Springs, Ohio,	530.00
24 H. E. Browning, Hersman, Ill.,	500.00
25 P. C. Clever.....	180.00
26 H. N. Davis, Lexington, Ky.,	142.50
27 Lockhart Farm, Martinsville, Ind.,	162.50
28 H. J. Fry, Watson, Ind.,	138.00
29 M. D. Harvey.....	180.00
30 Whitehall Farm.....	91.00
33 R. W. Shafer, Westport, Ind.,	182.50
34 R. H. Eskudd, Long Grove, Ky.,	137.00
57 N. P. Ewing, McLean, Ill.,	140.00

## SUMMARY.

34 head .....\$6,102.50; average...\$179.48

## II. L. IGLEHART'S CONSIGNMENT.

35 J. F. Stanberry, Newport, Tenn.,	105.00
36 M. M. Bardwell.....	78.00
37 J. F. Stanberry.....	205.00
38 J. M. Smith, Horse Cave, Ky.,	51.00
39 M. M. Bardwell.....	60.00

## SUMMARY.

5 head .....\$499.00; average...\$99.80

## JOHN M. WHEELER'S CONSIGNMENT.

40 T. L. Yantis.....	45.00
41 E. W. Beluzat.....	62.50
Boar.....	25.00

## SUMMARY.

3 head .....\$132.50; average...\$43.16

## J. D. KERFOOT'S CONSIGNMENT.

44 J. C. Greer, Lucas, Ky.,	56.00
45 H. B. Griffiths, Bowen, Ill.,	35.00

## SUMMARY.

2 head .....\$91.00; average...\$45.50

## HARRY H. FRY'S CONSIGNMENT.

48 Norton Garth.....	\$51.00
49 J. C. Greer.....	56.00
50 Geo. W. Meutz, Rowlett's Station, Ky.,	67.00

## SUMMARY.

3 head .....\$174.00; average...\$58.00

## J. CHILTON'S CONSIGNMENT.

51 T. M. Sparks, Morganfield, Ky.,	51.00
52 P. C. Clever.....	36.00
53 Frank L. Dant, Lebanon, Ky.,	40.00
54 W. J. Meator, Campbellsburg, Ky.,	76.00
55 Same.....	81.00
56 C. T. Dowling, Lexington, Ky.,	56.00

## SUMMARY.

6 head .....\$340.00; average...\$56.66

## S. S. PUCKETT'S CONSIGNMENT.

59 P. B. Pendleton, Pembroke, Ky.,	76.00
------------------------------------	-------

## SUMMARY.

54 head .....\$7,415.00; average...\$137.31

53 head females 7,390.00; average...139.60

1 male.....25.00

## AN INDIANA MAN'S OPINION OF THE FALFURRIAS DISTRICT OF THE GULF COAST COUNTRY.

A few days ago a representative of this paper met Mr. Fred McManis, of Richmond, Ind. Mr. McManis had just returned from a visit to Falfurrias, Texas, in the famous gulf coast country. He stated that he had gone to Falfurrias with a view to becoming interested in land there, if conditions were right. When questioned as to the opportunities for homeseekers and investors Mr. McManis said they were excellent. In the first place, he said that the country and the land was 50 per cent better than had been rep-



**SIMPSON  
EDDYSTONE  
PRINTS**

**Simpson-Eddystone  
Silver Greys**

Dress goods which were worn by your grandmother, and approved for their quality. Steadily improved for over 60 years. Some designs have a new silk finish.

Ask your dealer for Simpson-Eddystone Silver Greys.

Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.



**PILES, FISTULA AND OTHER RECTAL, BOWEL AND STOMACH TROUBLES ARE DANGEROUS IF NEGLECTED**

IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

ADDRESSES OF A FEW OF MY IOWA PATIENTS CURED.

G. C. Warfield, Trapp, Ia.; Mrs. W. B. McCaul, Villisca, Ia.; A. E. Miller, Vinton, Ia.; Henry Smith, Morning Sun, Ia.; G. A. Wood, Humboldt, Ia.; H. P. Opfer, Wancon, Ia.; W. Smouse, Washington, Ia.; T. O. Williams, Morning Sun, Ia.; T. J. Ochiltree, P. M. Morning Sun, Ia.; Rev. Robert Carroll, Ft. Dodge, Ia.; M. A. Crawford, Clarion, Iowa. **BOOKLET SENT FREE.**

**J. M. AULD, M. D., 80 DEARBORN ST., Dept 11, CHICAGO, ILL.**

resented to him. This is certainly a very remarkable statement, considering the fact that Mr. McManis thoroughly investigated the soil, crops, climate, etc. However, this only goes to show that the Falfurrias Immigration Company, which has been selling land around Falfurrias, has represented the proposition absolutely fair, and in fact has not made it appear so good as it really is. Mr. McManis went to Falfurrias with an unbiased mind and had no interest in the country whatever, but was simply investigating for his own satisfaction. If the northern farmers could be made to believe that the coast country is as good as represented, more of them would go there, for the facts are that many farms in the North have been cut up to give the sons or daughters a piece of land, and in many cases these farms are now in such small tracts that they cannot be cut again. The neighbor's farm cannot be bought, as the price is too high. Again, the northern winters are so severe that it costs the farmer all he has made in the summer to live through the winter. Then, again, where the northern farmer loses one crop he loses the use of his land for the entire year. Where the farmer in the Falfurrias country loses one crop he has two more chances, for the land will produce three crops a year. The man who rents land in the North and pays \$5 an acre rent could buy land in the Falfurrias district with a payment of \$5 an acre down, and can pay for his land in three years. Isn't this better than paying some landlord rent for high-priced land that only returns you

a bare living for your family and a receipt for your hard-earned money? And if the renter buys high-priced land and can only make a small payment down and if he has a little bad luck he will lose all. The Falfurrias Immigration Company is strong financially and is made up of men of integrity and high standing, and they want settlers on this land. The company stands back of those who buy land and assists them in case of need; in fact, the company will not let them fail. These points are certainly worth considering to the man who wants to provide for the future, who wants a home for his family. Surely it would be a good thing to go where failure is unknown. If you want to know more about Falfurrias, see the advertisement on page 26 of last week's issue or write the Falfurrias Immigration Company, Kansas City, Mo. They will gladly send you free maps and literature.

## A RELIABLE SEED HOUSE.

If you want to try a new seed house this spring, try, on our say so, Mr. R. H. Shumway, of Rockford, Ill. We have a good deal of confidence in the Shumway seeds and certainly all confidence in Mr. Shumway himself, who has been growing and selling seeds perhaps as long if not longer than anybody else now in the business. By adhering strictly to the plan of selling only such seeds as he knows must prove satisfactory to his customers, Mr. Shumway has built up a very satisfactory business. It is not as large as some seed businesses, but Mr. Shumway places a limit on it himself by declining to buy and sell seeds, the goodness of which he cannot be absolutely certain of. In his forty years' trade this course has drawn to him an exceedingly valuable list of patrons who look to him and to no one else to supply them with seeds year after year. He will be found very liberal in his dealings. You not only get good seeds, true in variety, but you always get a lot of extra packages. He publishes a fine catalog. Look up his advertisement on page 9 and write for it.

## Homeseekers' Rates.

Homeseekers' tickets are on sale via the North-Western Line from points in Wisconsin the first and third Tuesday of each month at very low rates for the round trip to points throughout the West, Northwest and Southwest. Also special low rates for one-way colonists' tickets same dates in February and March to Colorado, Wyoming and the Black Hills, and to Pacific coast points daily during March and April.

Ask agents of the North-Western Line for particulars.

Many misunderstandings could be avoided if men were a little more free with the use of ink and paper. Put all agreements down in black and white and then you will have something to refer to. This is especially true in the case of hiring help and renting property.



**FREE  
PIANO**

**Can you count these dots? Two pianos, big cash prizes Free.**

In this issue will be found on page 13 an advertisement of Successful Farming, of Des Moines, Iowa, which is one of the best and most successful agricultural papers in the United States. They are making a remarkable offer to our readers of two pianos and some large cash prizes to those who count the dots correctly in the picture of a piano, which appears in their advertisement. Full conditions are given and we would suggest that our readers should look this up and go after these prizes. We would be more than pleased if some of these big prizes should be won by readers of our paper, and, while it is not so easy to count these dots as it may seem from first glance, we see no reason why readers of our paper should not be the fortunate ones. Successful Farming is responsible and refers to every bank and business house in Des Moines and awarding of prizes will be wholly in the hands of disinterested judges, among whom is the treasurer of the state of Iowa, a judge of the district court, and a minister. It would seem this is an opportunity for somebody to get large prizes free. We publish above for the benefit of our readers an extra copy of the dot picture. Look up the offer and get in your counts.



A Scottish terrier, the great ratter, such as is owned and bred by Mr. S. W. Harr, of Riverside, Iowa. See advertisement on page 7.



## DEAR EDITOR:

You no doubt know that nearly all last season our company sold the best 600-pound per-hour capacity hand cream separator made for about one-third the price generally asked, and gave everyone a free trial.

As you are interested in the welfare of your readers, I wish you would say to them, one and all, through the columns of your paper, that for this season our separators have been improved to a point of perfection, still further outclassing any other separator made, still easier to operate, still larger capacity, and impossible to get out of order or give trouble, and any reader who will write to Sears, Roebuck & Co., Chicago, and ask for their 1907 Cream Separator Catalog, will receive the big book by return mail, postpaid, free, together with the lowest prices and the most astonishingly liberal offers and inducements we have ever made.

Yours very truly,

R. W. SEARS, President Sears, Roebuck & Co.

### Money Back—An Idea of Recent Development.

Back in the eighties when the Wheeler & Wilson Sewing Machine Co. in a frantic effort to regain a foothold in England, began their offer of "shipment on approval," it created something of a stir in the commercial world. Since that time this idea has been developing, until today it is applied to almost every conceivable business transaction. For many years, all of the better class retail stores have maintained this policy, and it is interesting, indeed, in looking over farm papers and magazines to note what a large percentage of advertisers are agreeing to refund the purchase price, together with transportation both ways in case entire satisfaction is not given. The particular thing which has called this matter to our attention in the present instance is the advertising of the Western Harness & Supply Co. Mr. R. M. Knox, president of this concern, began by making an offer of this kind and we infer from the largely-increased size of his advertisements this year, that he has been successful. We know that many of our readers have taken advantage of his offer, purchasing harness from him, and we have never heard of anyone who has been dissatisfied. The frank and open manner in which Mr. Knox makes his statements in regard to his product, his methods of doing business, etc., have appealed to us as they doubtless have to many others who have read his announcements. We would suggest that any who are contemplating the purchase of harness this year write the Western Harness & Supply Co. for their catalog. We understand that they manufacture a full line of high-grade harness, and the catalog would doubtless serve as an excellent basis for comparison of prices with those of your local dealers. See advertisement on page 6.

### Men Wanted.

There is no doubt that some of the read-

### HORSE OWNERS! USE GOMBAULT'S CAUSTIC BALSAM.



A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for circular. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

era of this paper would like to get into some business that would be pleasant and at the same time profitable. The real estate business has made thousands of men rich during the past few years. The American Co-operative Realty Company, New Nelson Bldg., Kansas City, Mo., are offering a chance to get into real estate business that should interest those who would like such work. The company conducts a large business and are fair in their dealings. Write them. See their advertisement on page 25.

### Big Improvement of Disk Harrows—The Transport Truck.

The American Harrow Company, of Detroit, Mich., manufacturers of the celebrated Detroit Tongueless Disk Harrow, are this year putting on the market a most excellent improvement in the way of an attachment for their disk harrows. This attachment is their Transport Truck, which can be attached to any of their tongueless disk harrows in a few minutes, and when attached raises the disks off the ground and the harrow rides on the forward and rear trucks. This really converts it into a wheeled implement which can be driven over the roads without dulling the blades. We believe every farmer will realize at once the importance of this splendid feature. It is provided with a convenient foot brake, which makes it perfectly safe in going down hill. When disked, the truck can be removed and entirely out of the way in a moment's time. The American Harrow Company have been doing a good many remarkable things during the past two years. Last year they changed their entire selling organization and, although for twenty-five years they had been selling through dealers and jobbers they took all of their implements out of the hands of dealers and jobbers and sold the entire output of their factory direct to farmers. This, of course, enabled them to give a good saving in price, and as a result they were unable to fill all of the orders received last year and they advise us that they are already being flooded with advance orders for spring. They sell this implement on thirty days' free trial, allowing time payments, when desired, and also pay all freight charges. We are of the opinion that their Detroit Tongueless Disk Harrow is an implement every farmer who uses a disk harrow should know about, and now with the addition of the Transport Truck, they have a disk harrow proposition that every one of our readers should look into. We would suggest that you write them for a catalog and other printed matter. Their address is American Harrow Company, 148 Hastings St., Detroit, Mich.

### The Los Angeles Limited.

Electric-lighted train, Chicago to Los Angeles every day in the year, less than three days en route, via Chicago & North-Western, Union Pacific and Salt Lake Route. Splendid equipment of the most modern and complete character, accommodating all classes of travel.

Pullman drawing room and private compartment sleeping cars, Pullman tourist sleeping cars and composite observation cars. Double berth in tourist cars only \$7 from Chicago. Close connection with trains of the North-Western Line from Wisconsin points.

For full information apply to nearest agent of the North-Western Line.

## Two Crops Per Year Corn Eight Feet Tall

IN THE

### Texas Gulf Coast Country

Two corn crops are raised each year in this wonderful land and the richest, biggest, finest ears of corn you ever saw. The farmers of that section market from 40 to 70 bushels per acre with very little irrigation.

Why not take a trip down there and see this land which

**you can buy now for \$25 an acre?**

Talk to owners who clear from \$300 to \$500 per acre per year in vegetables—who net \$90 per acre in alfalfa—who raise

**24,000 pounds of Onions from one acre**

and sell at 2 1-2 cents per pound.

That is what is actually being done to-day, now, in this "Winter Vegetable Garden of America." Double yield, because the soil is rich and new and the climate right every month in the year.

### Perpetual Summer

dry, healthy—an ideal place to live—you can be out of doors the whole year around.

Right now, while your farm is idle, drop me a postal for an 80-page book on the Texas Gulf Coast Country. Read up on it. Write to those people whose addresses I will gladly give you on request. Then go and see it for yourself on a low-rate round-trip excursion ticket.

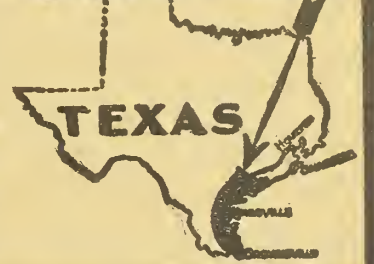
Save this ad and write me to-day and I will give full particulars.

JOHN SEBASTIAN, Pass'r Traffic Manager,

Room 14 La Salle Sta. or Room 14 Frisco Bldg.  
CHICAGO. ST. LOUIS.

ROCK ISLAND-FRISCO LINES.  
CHICAGO & EASTERN ILLINOIS R.R.

### The Winter Vegetable Garden of America



## Public Sale March 5

### OF 4 REGISTERED PERCHERON STALLIONS AT GILMORE CITY, IOWA

ABOUT 30 brood mares and fillies, about 20 being in foal. Thirty head of choice market horses and colts, from 3 to 9 years old and fat. These are all choice horses of their respective classes.

Al Mason, Auct.,

M. D. WOLCOTT, PROP.

When writing please mention this paper.

### PATENTS.

If you have a new device which can be patented, it may make you a fortune if properly protected. Send sketch or model of your device for free opinion as to patentability. Among our clients who have made money out of their patents we refer you to the following: Wm. F. Gould Des Moines, Ia.; Wm. H. George, Dexter, Ia.; H. H. Munson, Truro, Ia.; Franz J. Wood Des Moines, Ia.; Gould Balance Valve Company, Kellogg, Ia.; P. H. Van Gorp, Pella, Ia.; Stocking & Mendenhall, Audubon, Ia.; Wm. W. Robinson, Des Moines, Ia.; Victor Landholm, West Point, Neb.; Samuel G. Scholz, Billings, Mo.; Benjamin F. Booth, Indianola, Ia., and many others we will name on request. Upon examination of your device we can tell you whether or not you can secure a patent. We have the largest and best equipped patent offices in the west. We also have Washington offices. As reference we can give you The Homestead and many other papers, any bank in Des Moines, a large number of manufacturing concerns throughout the west, and other clients. If you have an idea, write us for full information as to how to protect it fully.

ORWIG & LANE, 408 Crocker Bldg., Des Moines, Iowa.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stack, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,

Blandinsville, Illinois

### Highest Prices and Prompt Remittance

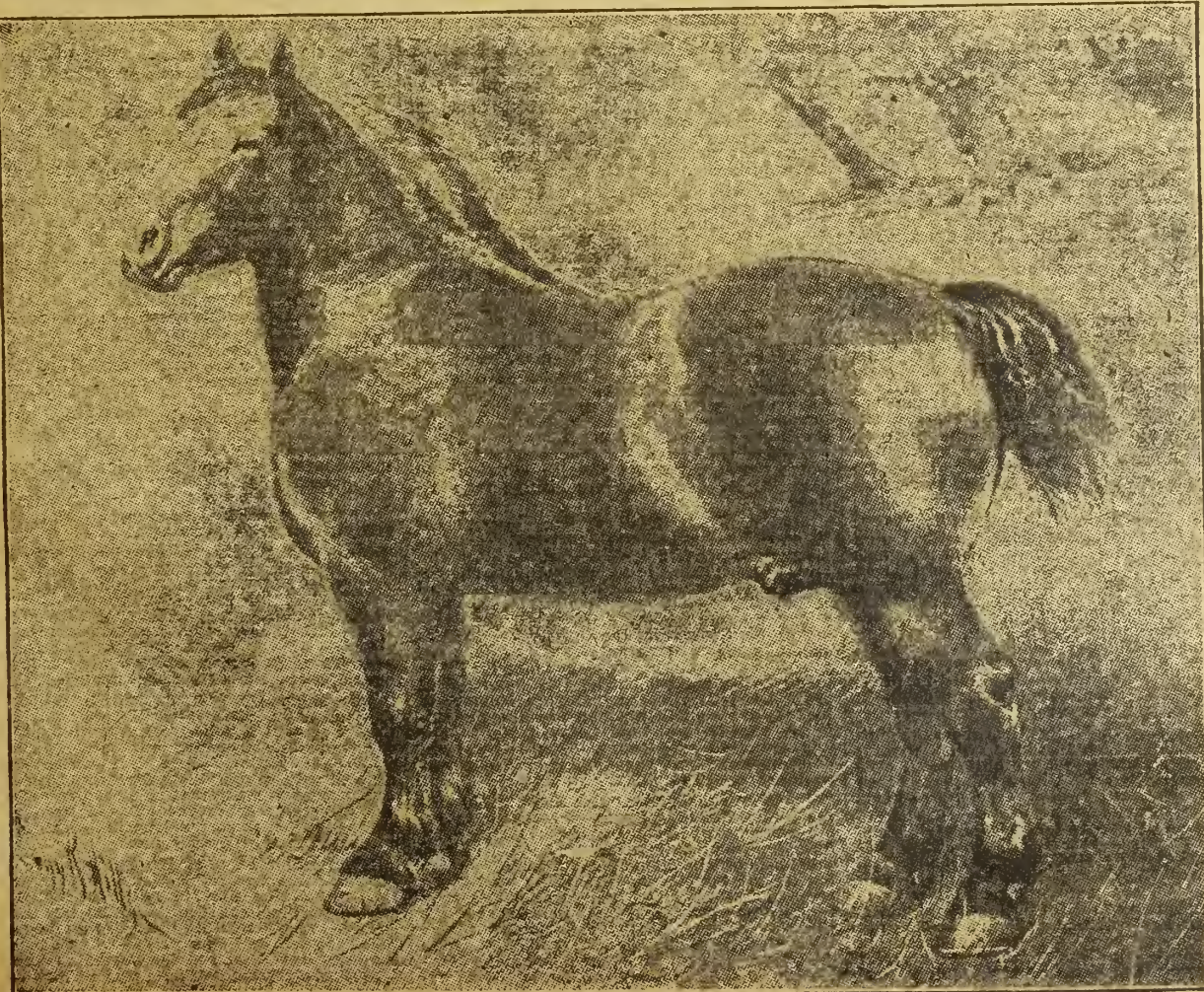
GUARANTEED If you ship us all your Hides, Furs, Pelts, Wool, etc. We pay same-day as goods are received. Try us! We must treat you right if we want to keep you as a shipper. Write for price list and tags.

BERMAN BROS., 325 1ST ST. S., MINNEAPOLIS, MINN.

SELL tobacco and cigars locally or traveling. Salary or commission. Full time or side line. Steady work, good pay; promotion. Address, Morlock Tobacco Works, Box N, 98, Danville, Va.

WANTED—Men to learn barber trade. Few weeks completes; tools given; wages Saturdays, board provided, positions guaranteed. Write nearest branch Moler System of Colleges, Chicago, or Omaha.

One express car of imported Percheron stallions to arrive at my barns March 8th. Your choice—but one—\$1,000; 1,800 to 2,100 pounds each. A. Latimer Wilson, Creston, Iowa.



Mastoc 2582 (29546) age 3 years, weight 2,000. Imported November, '06, by Henry Lefebure, Fairfax, Iowa. If interested in draft horses send for his illustrated catalog.



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

Mar. 1, E. F. La Rue, Lyons, Neb.  
Mar. 1, C. C. Wassen, Wilcox, Neb.  
Mar. 2, W. A. Peterson, Lyons, Neb.  
Mar. 2, A. A. & W. G. Karschner, Wilcox, Neb.

## POLAND CHINAS.

Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

## SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.

Mar. 6, 7, 8, W. C. McGavock, Mgr., Springfield, Ill., at Sioux City, Iowa.  
April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

Mar. 1, C. H. Seibel, Paton, Iowa.  
Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
March 15, E. T. Rickard, Grinnell, Iowa.  
Mar. 19, Closing Out Sale, White Bros., Perry, Iowa.  
Mar. 20-31, Combination sale, Kansas City, Mo., M. A. Judy, Mgr.  
March 27, J. H. Eno, Havelock, Iowa.  
May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Churdan, Iowa.  
June 4, 5, Combination sale, Omaha, Neb., M. A. Judy, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.  
March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
March 14, A. Carrier & Son, Newton, Iowa.  
March 18, W. H. McLaughlin, Shelby, Iowa.  
Mar. 20, James Stack, Harvard, Neb.  
Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
Mar. 28, A. H. Brett, Mason City, Iowa.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
May 22, R. H. Hadley, New Providence, Ia.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 19, N. P. Halgren, Vinton, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## POLAND CHINAS AND SHORT-HORNS

Mar. 6, Schnieder Bros., Dana, Iowa.

## PERCHERONS.

March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

## JACKS AND JENNETS.

Mar. 2, W. J. Finley, Marshall, Mo.  
Mar. 5, L. M. Monsees & Sons, Smithton, Mo.

## PERCHERONS AND SHIRES.

April 2, Jas. A. & S. E. Niblo, Milan, Mo.

## PERCHERONS AND CLYDESDALES.

Mar. 28, A. H. Brett, Mason City, Iowa.

## SHIRE AND PERCHERON STALLIONS.

March 27, Trumans' Pioneer Stud Farm, Bushnell, Ill., at Kansas City, Mo.

## HEREFORDS.

April 2, Geo. J. Anstey, Massena, Iowa, at South Omaha, Neb.

April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Neb., 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.

June 18, Hood & Baker, Dunlap, Iowa.

## FIELD NOTES.

Three Clydesdale stallions are advertised for sale by Mr. A. Bailey, of Anita, Iowa.

A fine spotted Iceland pony is offered for sale by Mr. E. B. Piper, of Corning, Iowa.

Berkshire sows and gilts are offered for sale by Mr. E. H. Dancer, of Lamoni, Iowa.

Mr. S. J. Philson, of Harlan, Iowa, offers two good Chester White herd boars for sale.

Ten head of Junior Jim gilts are offered for sale by Mr. Austin Renshaw, of Blair, Neb.

Five Black Percheron stallions are offered for sale by Mr. J. S. Golder, of Scribner, Neb.

A good Clydesdale stallion is offered for sale by Mr. Luban Harrison, of Prescott, Iowa.

Chester White sows and gilts are offered for sale by Mr. J. L. Barber, of Harlan, Iowa.

Some very nice young Hereford bulls are offered for sale by Mr. Z. T. Kinsell, of Mt. Airy, Iowa.

Twenty-five Chester White bred gilts are offered for sale by Mr. J. M. Janssen, of Sibley, Iowa.

Seventy-five good Plymouth Rock cockerels are offered for sale by Mrs. E. F. Escher, of Manning, Iowa.

Messrs. Rood Bros., of Lake Park, Iowa, are offering choice Duroc Jersey brood sows and gilts for sale.

Twenty extra good Hereford bulls are offered for sale by Messrs. Edmonds, Shade & Co., of Kingsley, Iowa.

Eight young Scotch and Scotch-topped bulls are offered for sale by Mr. A. A. Rogers, of Inwood, Iowa.

Some splendid Percheron mares and stallions are offered for sale by Messrs. Rhea Bros., of Arlington, Neb.

Shropshire rams and young Short-horn bulls are offered for sale by Mr. George Allen, of Lexington, Neb.

Duroc Jersey bred sows and young Short-horn bulls are offered for sale by Mr. J. T. Dollison, of Sac City, Iowa.

Mr. E. H. Dancer, of Lamoni, Iowa, is closing out Hereford cattle at private sale and is offering some real bargains.

Record number 183289—Ringbone that had lamed the horse for twelve years; all the ordinary treatments had failed; Fleming's Spavin and Ringbone Paste cured the lameness completely. Write Messrs. Fleming Bros., 210 Union Stock Yards, Chicago, for a

## Increase Your Corn Yield

## By sorting your seed corn

A uniform stand can never be obtained unless your planter drops the same number of kernels in every hill. If it is set to drop three kernels it should drop three, not two, four or any number but three **everytime**. Almost any good planter will do it if the seeds are of a uniform size but **no planter has ever been made that will adjust its plates to fit the kernels—the kernels must fit the plates. Seed corn cannot be properly sorted by hand—this is demonstrated by the fact that four, five and sometimes more stalks appear where there should only be three. The result is stunted stalks and stunted corn and therefore a waste of your good ground. There is only one possible way of securing seed corn of a uniform size—to use a**

## Morecorn Sorter

which will sort **every** kernel for length, width, and thickness—every kernel will fit the plates of your planter. After your corn is sorted by the "Morecorn Sorter" if your planter is set to drop three kernels it will drop three, 100 times out of every 100. What does this mean to you—three healthy stalks in every hill—an **increase in your corn yield of from five to eighteen bushels per acre**. Doesn't this mean enough to you to write for our catalogue and know more about this wonderful new sorter? Write for it today.

The "Morecorn Sorter" is doing away entirely with hand sorting. It is not a complicated, expensive machine, just a simple well-made sorter that will last a lifetime. Your increase in yield will pay for the sorter twice over, the first year. Many farmers make considerable extra money by sorting their neighbors' corn.

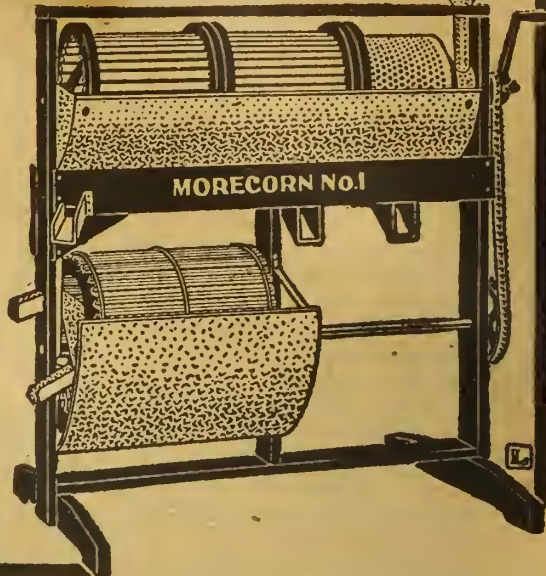
Send for the booklet. Better do it today.

## The Monarch Self Feeder Co.

95 Main Street

Cedar Falls, Iowa

5 TO 18 MORE BUSHELS  
TO EVERY ACRE



free copy of Fleming's Vest-Pocket Veterinary Adviser.

A few good Shropshire rams and ewes are offered for sale by Mr. Willard Miller, of Anita, Iowa.

Registered French draft mares are advertised for sale by Mr. F. J. Svoboda, of Snyder, Neb.

Poland China fall and spring gilts are offered for sale by Mr. A. C. Lanham, of Battle Creek, Iowa.

An imported Shire stallion, and a noted prize winner, is offered for sale by Mr. T. A. Stevenson, of Shannon City, Iowa.

French draft and Percheron stallions and mares and Missouri and Kentucky jacks are offered for sale by Mr. C. T. Gollehon, of Blair, Neb.

Eighty head of Percheron stallions and mares are offered for sale by that old reliable firm of Messrs. L. H. Humbert & Son, of Corning, Iowa.

Three straight Cruickshank bulls are offered for sale by Messrs. C. W. Daws & Son, of Harlan, Iowa. They also have a few good Scotch-topped bulls for sale.

Messrs. Chandler Bros., of Kellerton, Iowa, are offering some imported and home-bred Shropshire rams and ewes for sale. Read their advertisement and write them.

Imp. Fashion Favorite, a royally-bred Scotch bull, is offered for sale by Mr. J. D. McDermott, of Wiota, Iowa. He also has a few good young Scotch bulls for sale.

One express car of imported Percheron stallions to arrive at my barns March 8th. Your choice—but one—\$1,000; 1,800 to 2,100 pounds each. A. Latimer Wilson, Creston, Iowa.

Mr. G. J. Anstey, proprietor of the Fairview herd of Hereford cattle, of Massena, Iowa, claims the date of April 2, 1907, for a sale of Hereford cattle, which will be held at South Omaha.

Mr. John Schmieder, of Remsen, Iowa, is offering some good Poland China sows for sale at \$30 per head. These are all right and Mr. Schmieder is one of the good breeders. If you want one write him at once.

Large Improved English Yorkshire boars and sows are offered for sale by Mr. F. Raber, of Leigh, Neb. This is one of the best herds in America, and this is one of the most reliable firms. If you want Yorkshires you cannot find a better place to buy.

Mr. Frank L. Pim, proprietor of the Prairie view herd of Red Polled cattle, of Lucas, Iowa, in sending in copy for advertisement that appears on page 29 of this issue, writes: "I am on the market now with a fine lot of young Red Polled bulls, also some choice heifers not related to the bulls."

Mr. Milton E. Jones, of Williamsville, Ill., writes under recent date: "My Short-horns are wintering nicely and I will have a very desirable lot for my sale June 4th. I have not selected the sale cattle yet from the herd, therefore they will not be overfed, but I am carrying the entire herd the same as though I were not going to have a sale, believing they will give better satisfaction to buyers than if they were overfed, as many sale cattle are."

Mr. F. H. Herring, of Iowa City, Iowa, breeder of Duroc Jersey hogs, in furnishing copy for his advertisement found on page 37 of this issue, writes: "My herd is in the best of shape. The gilts I am offering for sale are mated to the good boar, Crimson Wonder H. 18467, he by Crimson Wonder Jr., and to Sunshine Jim 18469 by Perfection Chief, the winner at St. Louis and Iowa fairs. They are mated on principles of breeding that will result in profit to the buyers. Something always doing in the red hog business here."

Mr. M. G. Arnold, of Strawberry Point, Iowa, breeder of Poland China swine, writes: "Our sales on bred sows are quite good. We just added sixteen sows bred to great boars; some of them will weigh over 700 pounds and are as smooth as a rhinoceros. In view of this fact we will spare ten more Justice sows, bred for March and April farrow. They will weigh 260 pounds each, also ten 260-pound Justice and High Look sows, bred to farrow in May. We are making especial low price on them on account of being bred late. Every one has extra smooth, fine black coat, extra back and ham, good bone and feet, in fact as to breeding and quality are a credit to any herd. Our herd is in the pink of condition, not fat, were grown mostly on shorts and oats; some silage was fed the same as our herd sows and believe they will produce large, strong litters for which our sows are



## A Tank It Pays to Buy

Don't confound the "Bushnell Pump Co.'s" tank with other tanks. The Bushnell is in a class by itself. Here are some of the reasons:

Big, thick staves that are made to fit from edge all the way down. Machinery makes every joint perfect. Lumber especially selected for tank purposes, not cast-off pieces from furniture and other factories. Every Bushnell tank tongued and grooved. We're ready with the machinery to do it right. Other tank builders do it just occasionally "to meet Bushnell Pump Co. competition" doing it then as best they can. Strong, heavy steel hoops. We give them to you round or flat. Adjustable patent draw lugs; look at the picture and you'll see what we mean. You can always keep your tank hooped up snug and tight. Galvanized hoops when wanted. Tank lasts a lifetime.

We can give you any size you want—2 to 16 feet high, 4 to 16 feet in diameter. Capacity from 5 to 760 barrels.

Don't forget the long line of Bushnell Wood and Iron Pumps, Steel Tanks, Iron Pipe Fittings, and general line of Steam and Well Supplies. Write for descriptive matter. If your dealer does not have our goods in stock, send us his name and address.

THE BUSHNELL PUMP COMPANY, Dept. C, Bushnell, Ill.

noted. Also a few extra good Justice fall boars of great promise, in fact, herd headers." See advertisement on page 35.

Mr. W. H. Webb, of Spencer, Iowa, is offering 500 grade ewes for sale in his advertisement on page 29 of this issue. They range in age from two to six years and all are supposed to be with lamb.

The Lorimer Nurseries, of Lorimer, Iowa, request readers of The Homestead to send for their wholesale prices. They are selling direct to customers at these prices until their surplus stock is reduced. The advertisement will be found on page 10 of this issue.

Mr. H. E. Peterson, of Lyons, Neb., the well-known Percheron horseman, writes: "I have just sold my black stallion, Fountain, to Mr. T. M. Sheridan, of Bradish, Neb., and the gray two-year-old, Tiger, to Mr. Peter Johnson, of Bassett, Neb. Both of these men have been all over the country looking for horses before they came to my place, and they say that my horses are better than I recommended them. I am selling horses worth the money and I have some more good bargains for those who are looking for stallions."

Messrs. J. L. Slick & Son, breeders of Poland China swine and Short-horn cattle, of Lanark, Ill., write: "We are having ideal winter weather. There is an unusually strong demand for registered stock. We have sold all of our Short-horn bulls of serviceable age. Today we sold to Mr. J. L. Sims, of Woonsocket, South Dakota, the three-year-old Percheron stallion, Superior W. S. 45714. We now have orders for twelve Poland Chinas ready to be shipped. The tried and useful brood sows that we are offering Homestead readers are well in pig and are fine individually, royally bred and safe in pig to our trio of great herd boars. These sows will do the breeder and farmer good." See advertisement on page 35.

The advertisement of the Black Hills Duroc Jersey Breeding Farm, Mr. Walter Lloyd, proprietor, and Mr. G. L. Reed, manager, of Sumner, Neb., will be found on page 29 of this issue of The Homestead. They are offering for sale fifty top-quality Ohio Chief bred brood sows, a few gilts and fall males now ready for service. The dams of these animals were sired by sons of Orion, Top Notcher, Echo King, Nebraska Belle's Get and Ohio sows bred by Messrs. S. S. Puckett and S. E. Morton & Co. They have for sale a few old sows bred to Ohio Chief Sr., son of Ohio Chief, the \$2,000 boar. Mr. Reed expects to be at Mr. Holt's sale at Kearney, Neb., on March 5th, with a few choice animals.

He will also receive orders for fall delivery. He guarantees satisfaction or will refund the money.

Mr. J. T. Scarff, of Salem, Iowa, writes that he is sold out of bred gilts, but that he has some May gilts, open, for sale at \$20 each. His new advertisement appears on page 35.

Trumans' Pioneer Stud Farm, of Bushnell, Ill., claim Wednesday, March 27th, as a date on which to hold a public sale of Shire and Percheron stallions at Kansas City, Mo. The offering will consist of thirty imported animals.

Mr. O. P. Hendershot, of Hebron, Neb., is offering fifty-five American-bred black Percheron stallions and mares for sale in his advertisement that appears on page 30. The sale is to take place on March 5th. This is the only opportunity we have for calling attention to it.

We call the attention of our readers to the advertisement of Mr. G. W. Koerner, commissioner of agriculture, of Richmond, Va., that appears on page 25. Those interested should write Mr. Koerner for full information in regard to Virginia, its climate and the opportunities presented for farming, stock raising and fruit growing.

Mr. E. Fugier, breeder of Percheron and Shire horses, of Creston, Iowa, whose advertisement appears on page 39 of this issue, writes us that after March 1st his postoffice address will be Yates Center, Woodson county, Kan. Mr. Fugier has sold his farm at Creston, Iowa, and has bought one near Yates Center, where he will move his horses about the date above mentioned.

The Condor Cure Company, of Los Angeles, Cal., advertise on page 3 of this issue that they will send a trial treatment of the Condor Inhalation Consumption, Catarrh, Bronchitis and Asthma Cure free to any one afflicted with any of these diseases. The announcement is made that this remedy quickly and directly reaches the affected parts and will permanently cure a long list of ailments as named in the advertisement.

Mr. S. J. Miller, of Kirksville, Mo., importer of Percherons, is the man who practically was the first to adopt the plan of selling at the barn door, and he has made such a success by this method that he continues to sell stallions at \$700 to \$1,200 at the barn door that are the superior of those \$2,500 and \$3,000 stallions sold on the company plan. Mr. Miller has a number of those three and four-year-old stallions that go at the above prices and the stallion buyer should investigate. See page 39 for Mr.



Miller's advertisement and write him that you are coming.

Read the advertisement of the Gabel Manufacturing Company, of Hawkeye, Iowa, that appears on page 15 of this issue, if you are interested in raising pigs.

The sale of Mr. O. P. Hendershot, of Hebron, Neb., takes place on March 5th. He will sell Kentucky Mammoth, Spanish and Tennessee black jacks and jennets, as well as American-bred black Percheron stallions and mares, American-bred black French draft stallions and American-bred bay Clydesdale stallions. His advertisement appears on page 30.

In a field note in our last week's paper, in speaking of the herd of Angus cattle, the property of Messrs. H. E. Eveland & Son, of Jamaica, Iowa, we said their herd bull, Patriot Boy, was purchased a year ago of Mr. W. A. McHenry, of Denison, Iowa. In this we were in error, as Messrs. Eveland & Son secured this bull from Mr. McHenry two years ago.

In ordering the re-insertion of his advertisement which will be found on page 29 of this issue, Mr. G. C. Harrison, breeder of Percheron horses, of Blencoe, Iowa, writes: "I am making a few satisfactory sales; most of the buyers are looking for good horses and I don't experience much trouble in satisfying them. Among my recent sales is a cracking good three-year-old to Mr. J. A. Kelly, of Larrabee, Iowa; a black three-year-old, weighing 1,900, and brought the nice price of \$1,600. I have others equally good and am offering some extra bargains to reduce my stock. I haven't got all of the prize winners at all of the state fairs and the International, too, but my horses were shown at the county fair and won first in every class shown, including sweepstakes, amid strong competition, including some \$2,500 and \$3,000 horses that I had to show against, beating their imported horses with my home breeds. When in need of a good stallion come and see my stock. Prices from \$500 to \$1,000."

Mr. A. O. Stanley, of Sheridan, Mo., writes: "The four yearling Short-horn bulls I am putting in the Sioux City sale on March 8th, are the same kind that I sold in the combination sale at Corning, Iowa, a year ago. They have plenty of scale and are very thick-fleshed fellows, and the finest reds I ever saw. Three of them are by old Rosemont, a splendid Scotch bull, bred by Mr. Charles C. Norton. He was by Imp. Banker and out of a dam by the famous Golden Rule, breeding that could not be excelled. There is not much choice in these three yearlings. They are all herd headers. Belmont 3d is a very short-legged, wide out fellow, fine head and horn. He has two older brothers at the head of good herds, and is just as good as they are. Scottish Banker was a year old in October and is a wonderfully thick-fleshed, lengthy, short-legged calf, fine head and horn. His dam is of Mr. Cruickshank's famous Marsh Violet family. The fourth bull is Valley Godoy, an October yearling, a grandson of Godoy, and his dam the fine Cruickshank cow, Rose Victoria." See advertisement on page 33.

#### POLLED DURHAM BULLS.

Anyone wanting good Polled Durham bulls can get them of Messrs. James Wilson & Son, of Anita, Iowa. This is one of the most reliable firms in Iowa and they have some excellent young bulls for sale.

#### CRUICKSHANK BULLS.

Anyone wanting a good Cruickshank bull should go and see Mr. C. C. Norton, of Corning, Iowa. He has a few Duchess of Glosters sired by Imp. Bapton Admiral and Banker's Victor. He also has some Victorias, Lavenders and a few other choice-bred bulls. If you want a herd bull it will certainly pay you to go and see Mr. Norton and his bulls.

#### GIANT CARNATIONS FREE.

You can have the seeds as premiums and grow the largest giant carnations in the world. Besides you can get ten other vegetable and flower seed package premiums of your own choice, free, if you first write a postal for this free 132-page "Sterling Seeds" catalog. You have to read page 2 of this interesting catalog to make your selection of the eleven varieties of seeds you want and to get them free. So send for it first. The catalog contains descriptions and il-

#### SHEEP.

### Clover Hill Shropshires

"LEADING FLOCK IN MIDDLE WEST." In favor everywhere because of their good size and mutton form, strong constitution, true type and richest breeding. We now offer a typical lot of growthy rams and ewes. Also 150 beautiful yearling ewes bred to 285 to 305 lbs. champions of England and America. Grasp this opportunity to buy the best at prices others will ask for common sheep.

Chandler Bros., Kellerton, Ia.

## Ewes for Sale

THE Iowa State College is offering twenty Shropshire, Oxford and Southdown ewes for sale at very moderate prices. Address,

#### DIVISION OF AGRICULTURE,

AMES, IOWA.

#### Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

FOR SALE, 500 grade ewes from two to six years old, mostly all black face and all supposed to be bred. First come, first served. W. H. Welb, Spencer, Ia.

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

15 Registered Shropshire ewes, bred to imported Minton ram. W. C. Frazier, Atlantic, Cass county, Iowa.

Illustrations of all the best farm, field, garden, vegetable and flower seeds. Write a postal or letter for it today, addressing Northrup, King & Co., seedsmen, 10 Wilder St., Minneapolis, Minn.

#### WHEELS SHOULD TRACK.

The front and rear wheels of a manure spreader should track the same as a farm wagon, as the machine will pull easier than it would if it made four tracks. Then, again, if the wheels don't track you can't dress corn or spread on corn stubble successfully because either the front or rear wheels or horses will walk on the rows. The front axle of a spreader should be set back under the machine so it will carry its share of the load and so the horses can be hitched close to the load.

#### SUFFERED FIFTEEN YEARS.

To suffer with piles for fifteen years is surely a terrible affliction. Below we give a letter which was written to Drs. Thornton & Minor, of Kansas City: "Holden, Mo., Dec. 7, 1893. Drs. Thornton & Minor, Gentlemen:—I was afflicted with piles for fifteen years. About ten years ago I was treated by you and was completely cured. I also know of a great many cases in this neighborhood that were cured by you. Of your ability and reliability I have no doubt. Respectfully, Wm. Steele, President Farmers and Commercial Bank." The above letter is surely conclusive evidence that the Thornton & Minor system of treatment is doing all that is claimed for it. A record of thirty years' successful practice in Kansas City is behind Drs. Thornton & Minor. Read their advertisement on this page and write them.

#### PREPARE FOR WET WEATHER.

Were you ever unexpectedly caught in the rain without a good rain coat or with even what you thought was a good one? Do you remember how you felt when the rain water began to feel its way to your skin on your shoulders? Didn't say or think anything did you? No, of course not, the opportunity to say and do what you should have done was past. Just the same there is a chance to prevent the recurrence of such an undesirable circumstance as getting soaked. That is with rain water and with buying a poor rain coat. Next time you buy get one of those garments advertised on page 18 in this paper. Oiled waterproof clothing such as Tower's brand is free from leaks; impervious to moisture. Just the thing for hunting, fishing, driving and for the farmer every day. Either in black or yellow. Sold everywhere. Write for free booklet to A. J. Tower Company, Boston, Mass., if you are unable to find their goods in town.

#### A MOVEMENT IN THE INTEREST OF BETTER MARKETS.

Present methods of marketing farm produce are as yet crude and expensive. Fully realizing this fact a company of Illinois men have incorporated at DeKalb, that state, for the purpose of establishing a business that will have for its purpose the improvement of present methods of marketing from the farm. The policy of the company is to combine the business of marketing in fewer hands, thus eliminating much of the unnecessary expense that is involved in present methods of getting produce to the consumer. More direct connections between producer and consumer is to be established. Sales in car load lots are to be encouraged. The best markets will be located. Should you be a producer of stock, grain, fruit or any other farm produce this movement will interest you. Interesting details regarding this company's plan and business will be forwarded on request. Kindly mention this paper when writing.

#### 146 BUSHELS PER ACRE.

Professor Holden says he took seed corn from the corn planter boxes of 100 farmers in 100 different fields near the state agricultural college at Ames, Iowa, two years ago. All were planted on the experimental grounds of the college and all had the same cultivation and were grown under identical conditions. The difference in yield was a surprise to all. Some made a yield of less than twenty bushels per acre, while other sorts made almost 100 bushels, thus proving beyond doubt the superior value of good seed and good varieties. We don't understand why farmers plant scrub corn when they can get such varieties as "Diamond's Joe's Big White" that made a yield of 146 bushels per acre last year in an experimental test. We want every reader of this paper to grow

# PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illna. book for women; both sent free and postpaid.

DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

#### TOO LATE TO CLASSIFY.

## 40 RICHLY BRED POLAND CHINA SOWS AT PRIVATE SALE.

SURED by such noted sires as Chief Perfection 2d, Top Chief, Ideal Tec. and other noted sires. Most of them are bred and safe in pig to Immense, a prize winner at Ohio State Fair. Others bred to Perfection Grand. Write for description and prices.

E. H. ANDREWS,

KEARNEY, NEBRASKA.

#### CHESTER WHITES.

ALL sold out but still in the ring. Sales made this season, 67 Boars, 75 Sows and Glits. If I have a displeased customer in the world I know not where he is and would be pleased to hear from him. Nothing preventing, you will hear from me later. Here's success.

J. L. BARBER,

HARLAN, IOWA.

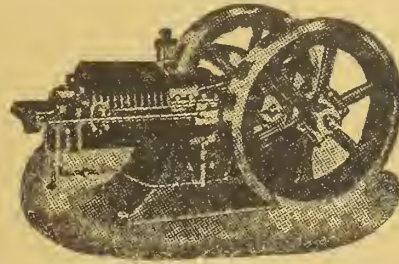
the most bushels and the best corn, and would advise all who are interested in the crops they grow to send at once for the great book on corn and corn growing just issued by Ratekin's Seed House, of Shenandoah, Iowa. It will be sent free if you mention this paper.

#### FREE TREATMENT FOR CATARRH.

Dr. Williams, of Des Moines, Iowa, makes this offer for one month to all who have never tested his treatment. He makes this exceptional offer to you as a catarrh sufferer so that you may have an opportunity of testing his new method of treatment and satisfy yourself that he can do all he claims he can do for you. One month's treatment has permanently cured many cases of catarrh; however, long-suffering and chronic cases require a regular course of treatment and this one month's treatment will enable you to decide intelligently whether you wish to continue or not. Dr. Williams is so confident of the benefits you will receive that he does not hesitate to make this exceptional offer. Read his announcement on page 23.

#### AIR-COOLED GASOLINE ENGINES.

The Gade air cooling (patent) system is entirely different from any other air cooler on the market. Their six-power engine will



keep cool and run in a satisfactory manner for one hour to twenty-four hours when loaded to their full rated horse power. One Gade gasoline engine in a community means more. The Gade engine is a result of actual experience. It is made of the highest grade materials by expert workmen. It is of the four-cycle principle, the greatest care being used in the manufacture of every part. Read carefully their advertisement on page 5 of this issue and write them for catalog and prices. Mention this paper.

#### YOUNG PIG TROUBLES.

It's time to think of trouble. The spring pig season is at hand. This always brings

Black Hills Duroc Jersey Breeding Farm, Sumner, Neb. WALTER LLOYD, Proprietor G. L. REED, Manager

For Sale at our Breeding Farm 50 Toppy Ohio Chief Jr. Bred Brood Sows, a few glits and Fall males ready for service. Their dams sired by sons of Orion, Top Notcher, Echo King, Nebraska Belle's get, and Oh. Sows bred by S. S. Puckett and S. E. Morton & Co. Ohio Chief Jr. sows are bred to Reed's Hustler, sired by Puckett's Chief, dam Lady Besumont, bred by S. E. Morton & Co. Will sell a few old sows bred to Ohio Chief Jr., son of Ohio Chief, the \$2,000 bear. We can meet the wants of best of breeders for blood and quality out of World's Prize Winners; see above. I will be at sale with a few choice hogs at the Hot Pavilion, March 5th, and Mr. Page will receive bids at sale or private sale for patrons. Orders booked for fall delivery. Satisfaction guaranteed or money refunded. G. L. REED, Manager.

#### PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All color black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON

Blencoe, Iowa

#### 25 Duroc Jersey Bred Glits 25

I HAVE for sale 25 bred glits for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen,

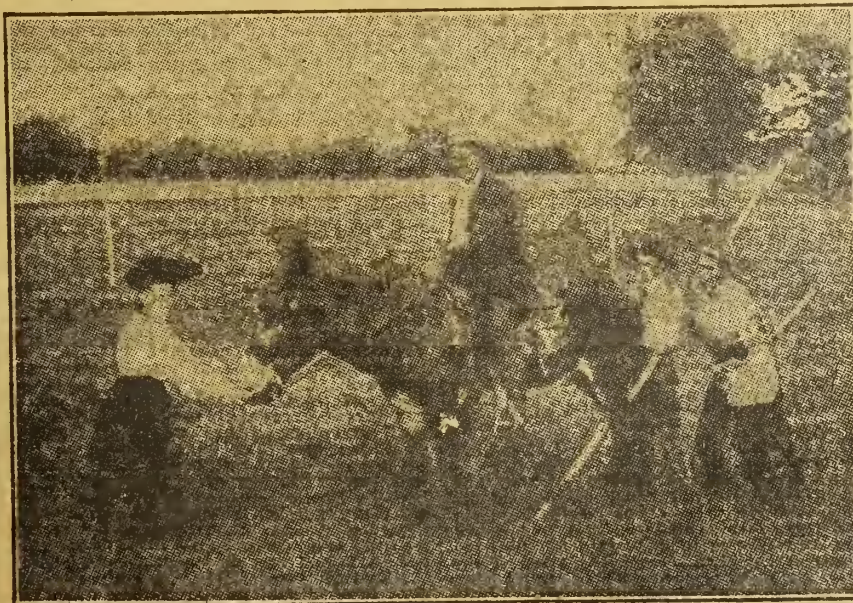
Odell, Ill.

RED POLLED CATTLE FOR SALE. Both sexes, at reasonable prices. Frank L. Piza, Lucas, Iowa.

trouble to a large number of farmers and breeders. These pig troubles are known as sore mouth, scours, skiu diseases resulting from bad blood, and later on worms and lice. Where these things are permitted, the pig crop is a failure. Why permit such things? The Snoddy treatment administered immediately after farrowing will put the sow in good health, cause her to give plenty of rich milk, protect the pigs against the many ailments which kill so many each spring, and will give the pigs a start in life that will make big hogs out of them. A large number of the most successful breeders and feeders use and endorse this treatment. Men who have used it ten years say it is a real cure for cholera, the only complete worm exterminator and the greatest thing in existence to make the runty pigs grow into fine hogs. Write to the Snoddy Remedy Company, Box 852, Des Moines, Iowa, for a free book of valuable information on hog troubles and also full particulars of this treatment. These pig troubles are an important subject and everyone should write for this book. Do it now.

#### BUSHNELL PUMP COMPANY'S WATERING TANKS.

If you buy a Bushnell Pump Company stock watering tank, such as is pictured in the advertisement on page 28, it is not likely that you will ever have further trouble on that score. It is just such a farm necessity as it will pay a farmer to put good money in and have done with. It is the poorest economy to get anything frail or poorly built in a watering trough or tank. All well-posted stockmen recognize this fact. It is in use all day, every day. When you install it, you hope to have it last many years. Whether it will or not depends altogether on whether you see to it that you get the right kind of goods when you buy. These Bushnell Pump Company tanks are not only made of the right kind of materials, but they are made right. Here is one thing that is greatly to the credit of the Bushnell people: They are not making tanks as a side line. That is, they don't use the best part of their lumber to make something else and then put the waste, short pieces and sap-edged stuff into tanks. Making tanks is their chief business. They put into them the very best lumber they can get. They use the kind that will last longest when kept constantly wet. The staves are made specially heavy, perfectly jointed and tongued and grooved. The hoops are made of steel, very heavy, and provided with patent draw lugs, so that if the tank should remain empty or partly empty for a time, there would be no trouble about keeping the staves drawn up perfectly tight. To our mind, if such a tank as the Bushnell is kept painted, which of course is the proper thing to do, there is no reason why it should not last as long as the average farmer or feeder will have use for it. The Bushnell tanks can be had in about any size anybody wants up to sixteen feet high or sixteen feet in diameter. Anyone wanting a good tank for stable, yard or field service cannot do better than to read the Bushnell Pump Company's advertisement and then get into correspondence with the concern in regard to his particular wants.



#### "On our way to Success."

Would probably never have been used in connection with the advertising of the Limestone Valley Farm's jack and jennet business were it not suggestive of the push and energy shown by the Monsees family. Remember that Messrs. Monsees & Sons, of Smithton, Mo., sell jacks and jennets on next Tuesday, March 5th. If you wish to share their success in the jack business be with them and buy some of that famous Limestone Valley Farm stock.



# MY COMPLETE HERD OF Aberdeen Angus Cows, Heifers & Bulls

Will be sold on my Farm 6 miles north of Grinnell, Iowa, March 15, 1907.

Fifty-five Head in all consisting of excellent individuals of the Mayflower, Waterside Bessie and Boghead Rose families, got by such noted sires as Black Knight of Estell Second, Jack of Cottage Grove Second by Blackbird King, Heir Laddie by Longbranch Heather Lad 4th and also Toledo Innocence.

**46 COWS AND HEIFERS** consisting of fourteen choice yearlings, six two-year-olds and cows mostly ranging from three to six years. A goodly number with calves at foot got by herd bull, Clark Nigger 50363. All old enough and not with calves at foot are bred to Lou Dillon R. **NINE BULLS**, including the herd bull and young bulls from nine to eighteen months, and got by Toledo Innocence. Promising youngsters. This offering is in excellent shape. Prospective show stuff, though nothing in heavy flesh. All our stock has been kept growing. There is nothing that need go at a sacrifice on account of its individual merit. Send for catalog and accept our hospitality sale day. Twenty-two grade Percheron mares will be sold at 10 o'clock a. m. Also the first twelve volumes of the Angus herd books.

Cols. Igo, Hense and McIlraith, Auctioneers.

**E. T. RICKARD, PROP., - GRINNELL, IOWA.**

## High-class Angus in the Sioux City Auction.

The cattle for the McGavock auction at Sioux City, Iowa, on March 6th, consist of consignments of noted breeders and the offering is very strong in imported blood fresh from the best herd of Scotland. These should prove attractive to Angus breeders throughout the country. Mr. J. V. Arney, of Leon, Iowa, consigns the double Pride bull, Proud Poet, whose sire and dam were both imported and represent the best of Ballindallock blood. He was got by Imp. Proud Duke of Arndale, a high-class Erica bull that was sired by Proud Duke of Ballindallock, a Highland Society champion, and out of Imp. Poetess of Seabam by a son of the Erica bull, Esmond of Ballindallock. One of the best Blackbird bulls to be offered recently is Arndale Blackbird, sired by Imp. Proud Duke of Arndale and out of a cow whose grandam is a sister to the celebrated bull, Black Monarch of Emerson. Arndale King 2d and King Que 2d are both Queen Mother bulls sired by Imp. Proud Duke of Arndale. Proud Envoy, a three-year-old that has been used with good results by Mr. Arney, is an Erica-topped Pride sired by Imp. Envoy of Benton, and out of Imp. Poetess of Seabam. He is from the same strain of the Prides as the K's at Ballindallock and is strongly topped with the best blood of this famous herd. Mr. Arney also consigns some exceedingly well-bred females. The yearling heifer, Queen of Arndale 5th, is a Queen Mother whose dam was bred by Mr. McFenry, and she was sired by Gay Baron, a son of Gay Lad. Another daughter of Gay Baron is found in Janny of the famous Gipsy family and out of a dam by the highly-bred double Blackbird bull, Black Top. Imp. Proud Duke of Arndale is also represented by several good daughters in this consignment. Messrs. Anderson & Findlay, of Lake Forest, Ill., consign sixteen cows and heifers of the Erica, Lady Ida, Queen Mother, Coquette, Westertown Rose and other famous families, and they are all sired by the imported bulls, Elberfeld, bred at Ballindallock; Monitor of Glamis, bred by the Earl of Strathmore; Pacific, bred by Col. Geo. Smith Grant, and Conqueror of Aberlour, bred by Mr. Findlay. They will justify the attendance of the best breeders at this auction, as their individuality is in keeping with their pedigrees. The Lakeside Farm Company, of Storm Lake, Iowa, managed by Mr. L. H. Lamar, and who succeeds the late William Miller, consigns five good, well-bred bulls to the auction. It is one of the most attractive auctions of the breed to occur in the Northwest and we trust it will be duly appreciated.

## The Wayne Short-horn Sale.

Readers of The Homestead in western Iowa and Nebraska will be interested in the joint breeders' Short-horn sale to be held at Wayne, Neb., on March 13, 1907. This sale will be made by Messrs. A. B. Clark and W. M. Lessman, both well-known and responsible breeders in northeast Nebraska. They have selected twenty head of females and twenty bulls from their herds, and they have drawn on some of the best they have. The bull offering is particularly strong. Mr. Lessman is selling his Cruickshank herd bull, Scotch Fashion, considered one of the best-bred bulls in the West. He is a son of Imp. King James and his dam is Imp. Northern Light; second dam by Imp. Duke of Lavender. A lot of his get will also be sold in the sale and breeders can see how he breeds. He is a red bull and has done good service in the Lessman herd. Mr. Lessman is retaining so many of his heifers in the herd that he has decided to sell him. Anyone wanting a good herd bull should buy this fellow. Mr. Clark also sells a good young bull called Fame's Hero. He is a son of Imp. Fame and his dam is sired by Imp. Nonpareil. He is a Scotch-topped Young Mary, a red in color and a good one. The cows that will be sold in this sale are nearly all of good milking strains and they will make their way either at the pail or for beef animals. There are a lot of good Young Marys, Rose of Sharons, Josephines, Miss Ramsdens, Arabellas, Rosemarys and several Francies in the offering. The last named family was the one that did so much to bring the Robbins herd to the front, and there will be some good representatives in this sale. Many of the cows will have calf at foot and others will be well along in calf. Nearly everything in the sale will be sired by a Scotch bull, many having five and six Scotch tops on the very best of Bates foundation. It is an offering that reflects credit on both these breeders and anyone who wants good Short-horn cattle will be able to buy

them in this sale. They are selling a good bunch of bulls and a car load could be easily secured at this sale. See advertisement on page 33 and write for catalog at once and mention The Homestead.

## The Hendershot Sale.

First and last call for Mr. O. P. Hendershot's sale of stallions and jacks at Hebron, Neb., Tuesday, March 5, 1907. The entire offering is owned by Mr. Hendershot and he will guarantee every animal sold to be just as represented at the sale. They are bred right and have had the run of large pastures, giving them splendid muscle and smooth bone. The stallions are Percheron, French draft and Clyde. The mares are Percheron and are the broad-backed, full-chested, high-beaded kind, fine style and action, good flat bone, good hoofs and absolutely sound. This coupled with quality and weight should satisfy the most critical buyer, and Mr. Hendershot will fully guarantee each and every animal to be just as represented at his sale. We think every animal offered in the horse line will mature close to the ton mark. Did you ask what we thought of the jacks? We are glad you did, for they are the best lot we ever saw any place. They are the Mammoth Kentucky black jacks of the big kind, some Spanish jacks, with all the style you want. Mr. Hendershot fully guarantees these jacks to be prompt and all right in every way, and to be producers of a good class of mule colts. The stallions that are matured will weigh a ton. The two and three-year-olds weigh from 1,800 to 2,000 pounds, the yearlings from 1,600 to 1,700 pounds. The jacks are from fourteen and one-half to sixteen and one-half bands high, and heavy-built black boys. The entire offering in stallions and jacks are black (with three exceptions). Read the advertisement on this page and send for a descriptive catalog, mentioning this paper.

## E. T. Rickard's Dispersion Angus Sale Near Grinnell, Iowa, March 15th.

Twenty-five years of experience in breeding Aberdeen Angus in Iowa is a claim that cannot be made without attracting a considerable amount of attention and respect. The men that had sufficient faith in the future to found a herd a score or more years ago and pay big prices for foundation stock and herd bulls right through that period should have something to be appreciated. In 1882 Mr. E. T. Rickard, then a young man, with his father founded the present herd. Their first purchase was Waterside Bessie, a cow with a ten-months-old bull calf at foot, for which pair \$1,000 was paid. This policy of buying first-class sires was repeated again and again, and the results have been marked. The present herd numbers over sixty head and is largely the breeding of the farm, so that the herd stands absolutely on its own merits. Visitors to the herd will be shown several generations where the uniformity of the group is of high merit. The female part of the offering will bear considerable inspection, and it will pay those looking for something absolutely reliable as breeders to visit this herd, either on sale day or previously. The older cows have proven their value beyond any doubt and have never failed to produce good, strong calves every year. The heifers are a grand lot and contain some specimens of great thickness and sweet character. The bull offering includes a good herd bull and a number of blocky, good-handling young ones ranging in age from nine to eighteen months. Next week watch for further particulars. Suffice it to say that this will be a dispersion sale of doddies that are of biggest grade individual merit. Write for catalog.

## Lund's Durocs.

On March 8, 1907, Mr. A. C. Lund, of Kearney, Neb., will offer his entire herd of Duroc Jersey hogs at public auction, and among them are a number of very choice brood sows. Mr. Lund has always kept the most noted strains and has bred and shown some very choice individuals. At the head of this herd is Red Knight Jr., a son of the great sweepstakes boar, Red Knight; dam Western Ella by Western Breeder. This hog will be included in the sale and should be picked up by someone looking for a herd boar. He is assisted by Red Chip by Lund's Choice. One of the great attractions of the sale is the great sow, Lund's B. This sow won third prize at the Nebraska State Fair last fall in the aged sow class. She is a great breeder and as an individual is hard to beat. She has extra good length, a won-

## 1881 Public Sale 1907

### 55 American Bred Black Percheron Stallions and Mares.

American Bred Black French Draft Stallions  
American Bred Bay Clydesdale Stallions  
Kentucky Mammoth, Spanish, and Tennessee Black  
Jacks and Jennets.

**Sale at Hebron, Neb., March 5, 1907**  
At 10:00 A. M.

**TERMS** One-half cash, 16 months on deferred payment, with bankable paper. Send for catalog.

**O. P. HENDERSHOT, Hebron, Neb.**

derful back with good side lines, splendid ham, good bone and extra good feet. This sow is worthy the attention of breeders and should demand their consideration. Lund's Choice by Glendale Prince is another of the good ones and is a sow that could not be bought except for the fact that Mr. Lund is selling his entire herd. There are three extra good two-year-olds, namely, Miss Queen, Kearney Belle and Kearney Queen. They are by Lund's 1st, dam Lucy by Reed's Banker, and are very attractive sows. These three composed Mr. Lund's yearling show herd last fall at the state fair. They are all safe in pig to Red Knight Jr. He also has an Obio Chief gilt in this sale and two Obio Chief boars. Arrange to attend this sale, as you are sure to find something that will please you. Catalogs are now ready and can be had by dropping a card to Mr. A. C. Lund, of Kearney, Neb. Those who cannot attend can send a bid to the auctioneer, Col. Ray Page, and it will receive proper attention. When writing please mention The Homestead.

## John E. Brown & Sons' Seed Corn.

On page 10 of this issue will be found the advertisement of Messrs. John E. Brown & Sons, of Mitchellville, Iowa. A careful reading of this advertisement will reveal the fact that all the corn sold is grown on their own farms, and this is absolutely the case. For forty years the head of this firm has been building up the fertility supply of one of the best farms in the state of Iowa, and as a result the yield today is better than ever before. Of course, maintenance of fertility and the improvement of seed have gone hand in hand, so that the public have every reason to have absolute confidence in all the corn that comes from this firm. All seed sold has been stored during the winter in one of the most up-to-date seed corn houses that we know anything about, so that there is absolutely no fear but what the corn will give a high germination test. The varieties being offered are Brown's Choice, an exceedingly heavy-yielding variety; Reid's Yellow Dent, Iowa Silver Nine and Yellow Rose. The latter variety requires only about ninety days to mature and is indeed one of the heaviest-yielding, short-season corns on the market. For further information address Messrs. John E. Brown & Sons, Mitchellville, Iowa, and please mention this paper when you write.

## William Lentz's Poland Sale.

Mr. William Lentz, of Ankeny, Iowa, held his annual sale February 8th as advertised, on which date he made an average on forty-

four head of \$52.67. Prices were not sensational, but were wonderfully uniform throughout. Mr. Lentz has been emphasizing the matter of size and prolific qualities in his herd and the result of his efforts is being appreciated by breeders generally. His record last year was 156 pigs from sixteen sows. Among the buyers were Messrs. Geo. Marshall, Monroe, Iowa; A. W. Mally, Des Moines, Iowa; John Burk, Ankeny, Iowa; J. O. Thompson, Maxwell, Iowa; Jno. M. Pease, Colfax, Iowa; T. J. Hitt, Lincoln, Neb.; J. E. Hull, Maxwell, Iowa; W. H. Hutton, Ankeny, Iowa; G. F. Holland, Elkhart, Iowa; Wm. Miller, Ankeny, Iowa; J. C. Witmer, Des Moines, Iowa; J. C. Harris, Panora, Iowa; Sabe Parmenter, Ankeny, Iowa; J. C. Wall, Polk City, Iowa; Bergren Bros., Stanton, Iowa; T. J. Boggle, Madrid, Iowa; P. C. Thompson, Ankeny, Iowa; C. W. Davidson, Polk City, Iowa; J. E. Burge, Decatur, Ill.; W. S. Criswell, Boone, Iowa; Harris Thornton, Ankeny, Iowa; John Bell, Wellman, Iowa; F. E. Cogswell, LeRoy, Minn.; W. P. Wolf, Kewanee, Ill.; S. N. Hodgson, Parker, Kan.; L. M. Pettit, Dallas Center, Iowa, and Roy L. Morgan, Sham- baugh, Iowa.

## CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Minneapolis & St. Louis R. R. will have on sale reduced rate one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System.

Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



# 103 "DODDIES" 103

## AT AUCTION

AT SOUTH OMAHA, NEBRASKA, MARCH 12 AND 13, 1907

65 COWS---38 BULLS---FOUNDATION STOCK AND HERD HEADERS

All the leading families are represented such as Blackbirds, Queen Mothers, Prides, Heather Blooms, Ericas, Abbesses, Barbaras, Coquettes and others equally as good. They are choice selections from the herds of Parrish & Miller, Hudson, Kan.; Oliver Hammers, Malvern, Iowa; Wheatley & Ward, King City, Mo.; C. D. Hooker & Son, Maryville, Mo.; Davis Bros., Maryville, Mo.; N. M. Pettit, Overton, Neb.; R. L. Milton, Stafford, Kan.; Robinson & Chappell, Maryville, Mo.; J. H. Mayne, Council Bluffs, Iowa. Another such an opportunity to buy Aberdeen Angus show and breeding cattle will not be offered soon. There are first and second prizewinners and sires and dams of prizewinners in the offering. Write today for catalog of this, the greatest sale of the season in the West. Address,

**HAL. T. HOOKER, MGR., - - MARYVILLE, MISSOURI.**  
COLS. WOODS, IGO AND HARDING, AUCTIONEERS.

### C. R. Steele's Short-horn Sale.

On March 12th and 13th an exceptional lot of Short-horn cattle will be offered at public sale by Mr. C. R. Steele, at his farm near Ireton, Iowa. It will be an unusual offering because of the fact that there will be forty head of the very best Scotch cattle in the sale, including three imported cows, two of which will have calves at foot by the celebrated show bull, Ceremonious Archer. The Scotch families represented are the most popular and most noted tribes of the breed, and from the standpoint of individual merit are in keeping with their breeding. Imp. Coral Countess, an eight-year-old cow imported from Scotland by Messrs. Cargill & Son, goes into this sale with a heifer calf at foot by Ceremonious Archer. Miss Clarence, her two-year-old heifer sired by Sittytown Lad, also goes in. Imp. Fortuna 3d is a six-year-old red cow and an excellent breeder, and she is safe in calf to Ceremonious Archer. Imp. Queen Elizabeth is one of the best breeding cows in the herd. She will have a calf at foot by Lord Banff 3d at sale time. She has had four bull calves before and every one was a good one. Pleasant View Mysie 10th is a five-year-old cow, sired by the Scotch bull, Challenge, and her dam was a daughter of Victor Mysie 2d. Here is one of the most richly-bred Mysies in the sale. Mysie of Ploverdale 6th is a daughter of Baron Lavender, the bull that formerly headed the Brodsky herd at Plover, Iowa. This is a nice two-year-old roan heifer and will be one of the good young things in the sale. There will be several other well-bred Mysie cows and heifers in the sale, and this popular tribe was never better represented than they will be on this occasion. Mr. Steele is selling some excellent Duchesses of Glosters in this sale. One of these is 67th Duchess of Gloster by Imp. Favorite and she has a bull calf at foot by Lord Banff 3d. The other is Duchess of Gloster 28th by Roan Gauntlet, tracing to Imp. 12th Duchess of Gloster by Champion of England. This heifer is one of the most choicely-bred Duchesses of Glosters in the sale. He has selected one very choice Victoria heifer for this occasion and she is a daughter of Lord Banff 3d. There is not a better bred heifer in the sale, and she is No. 18 of catalog. Lady Archer is a two-year-old daughter of Ceremonious Archer and is out of a daughter of Imp. Golden Fame. One of the good Canadian cows is New Year's Gift 2d by Sittytown Hero, and she will have a calf at foot by Ceremonious Archer. Orange Lady is a two-year-old daughter of Gloster's Valentine and her dam is Imp. Fair Maid by Scotland's Fame. She is one of the most richly-bred Orange Blossoms in the sale. Nonpareil Lady is a four-year-old Canadian cow and was bred by Mr. W. D. Platt. She belongs to the celebrated Nonpareils and is a very thick, short-legged cow of decided Scotch character. There will also be a good Dorothy heifer in the sale, one Mary Ann of Lancaster and one Aairy Buckingham. There will be other Scotch cows and heifers in the sale, and among these will be some very good ones by Mr. Steele's present herd bull, Lord Banff 3d. Of the plainer sorts there will be a great number, and all will be well Scotch topped and will be bred to Scotch bulls. Besides putting in a splendid lot of cows in this sale, we also want to call Homestead readers' attention to the class of heifers he is offering. We know such a lot has never before been sold from this herd, and never before has a better lot been sold in western or northwestern Iowa. The bull offering will also be very attractive. Mr. Steele is selling about twenty-five head, and eight or ten of these are Scotch bulls. Some of these show great promise for herd bulls. He is selling a good Miss Ramsden bull, a year old last August. He was sired by Earl Victor by Scottish Victor and is out of a Fitz Eustice dam. Contessa Lad is sired by Gauntlet's Hero and his dam is Imp. Contessa. This is one of the best young bulls in the sale. He is a half brother to the great herd bull, Lord Banff 3d, now conceded by all breeders the best living son of Imp. Lord Banff. There will be two good young Mysie bulls in the offering, one by Lord Banff 3d, the other by Grand Baron 2d. Banff 6th will be twelve months old by sale day and is a well-bred Scotch bull. His sire is Lord Banff 3d and his dam Imp. Queen Elizabeth. There will be a Lavender bull in the sale. He is a ten-months-old calf

and was sired by the Harris-bred bull, Godwin, a half brother to the noted Godoy. There will be two young bulls in the sale sired by Fearless Victor and one of these is a straight Scotch bull of the Matchless tribe. Besides these there will be some older bulls, all of which are well Scotch topped and some of these are strong, lusty fellows. A man could easily secure a car load here, should he want that many. There will be bulls in the sale that should be purchased for herd bulls, and there will also be plenty of bulls for the farmers. Write for a catalog of this sale at once and kindly mention The Homestead when doing so.

### Superb Show Cattle in the Short-horn Sale at Sioux City.

Sale Manager McGavock considers that he is very fortunate in securing such attractive entries for his Short-horn sale at Sioux City, Iowa, on March 8th. Rather late he induced Messrs. W. T. & H. R. Clay, of Plattsburg, Mo., to send a car load of selected cattle for this occasion. Mr. W. T. Clay catalogs seven head of females that are absolutely show cattle. They include the straight Scotch yearling heifer, Mona, a Cruickshank Orange Blossom got by Victor Barmpton, bred by Mr. W. T. Clay and out of Miss Orange 2d by the Norton-bred Courtier 2d. The next two crosses are Orange Blossom's Perfection and Imp. Antiquary, and this takes us back to Imp. Orange Blossom 30th, a Cruickshank-bred cow by Pride of the Isles. Mona is a show heifer and three of her half sisters, all of which are show animals and long yearlings and two-year-olds, are also included by Mr. Clay. These daughters of Victor Barmpton are such as are rarely seen in an auction ring and are good enough for the best show rings of the country. They are in calf to a straight Scotch bull that was bred by Mr. Clay and recorded as Romney 262550. Romney also has two heifers in the auction that will be difficult to defeat if shown the coming year at the fairs. They will be eligible to the yearling class. The five-year-old cow, Frances, sired by 176th Duke of Wildwood and out of a dam by The Baronet, a bull that was bred by Colonel Harris and sired by Baron Victor. These seven head complete the entries of Mr. W. T. Clay and it will be a rare occurrence that seven such females will go through any auction of the breed this season. Mr. H. R. Clay is consigning four heifers, two yearlings and two two-year-olds. The yearlings are both Scotch of the Orange Blossom family and are both sired by Courtier 4th, a Marsh Violet bull by Courtier 2d and out of Rosedale Violet by Imp. Thistletop. The two-year-olds are by Courtier's First, a son of the Norton-bred bull, Courtier 2d. They are well along in calf to the Scotch bull, Courtier 4th, and are strongly topped with the best of Scotch blood. There are other high-class consignments to the auction and it is Manager McGavock's boast that there is not a cull in the offering. There are six young Scotch bulls cataloged from which can be selected several superb herd headers, and the occasion is one that should attract Short-horn breeders and farmers to Sioux City at this time.

### High-class Herefords at Auction at Sioux City.

The largest consignor to the Hereford auction at Sioux City, Iowa, on Thursday, March 7th, is Mr. G. W. Harness, of Galveston, Ind., a man who has bred some of the best cattle of the breed. He is sending seven bulls and eight cows and heifers. They are sons and daughters of Perfect Dale, a son of the champion and sire of champion, Dale; Beau Donald's Pride, a grandson of the great Beau Donald; Benefactor by Sir Bredwell, the \$5,000 son of the celebrated Corrector; Wallace, a bull that combines the blood of the famous bulls, Kansas Lad and Beau Real; Tubalcane, a son of Benjamin Wilton, and we mention lastly the bull, Corker, which is represented in this offering by a half dozen of his get. He was rightly named, being a corking good bull and a corking good sire and unites the blood of The Grove 3d, Anxiety and other celebrities. Mr. Harness is sending out good specimens of the breed with the best of blood lines and we trust they will merit the appreciation that they de-

## W. H. McLAUGHLIN'S SHORT-HORN SALE

Scotch and Scotch Topped

Shelby, Iowa, March 18, 1907

40 HEAD

28 COWS AND HEIFERS, :: :: 12 YOUNG BULLS

There will be 8 Scotch cows in this sale and one good young Scotch bull, of the Duchess of Gloster, Nerissa, Jasmine and Lavina tribes.

Baron Kear 3d, 158073

Dark red, calved February 15, 1900.

Banner Pro. 124047.....Cookson Bros.  
Mysie 52 ..... Imp. Prince President 77023.....A. Cruickshank  
Mysie 47th ..... Imp. Goldstick 86748.....A. Cruickshank  
Mysie 45th ..... Imp. Earl of Aberdeen 45992.....A. Cruickshank  
Mysie 43d ..... Crown Prince of Athelstane 2d 16585 David Christie  
Imp. Mysie 36..... Scotland's Pride 25100.....A. Cruickshank

This splendid Cruickshank bull is the sire of most of the young stuff in the sale and is also bred to most of the older cows.

I am selling one of the best drafts of cattle that has ever gone under the hammer in Shelby county. I am putting in some of my best Scotch cows and I also sell twelve good young bulls. One of these is a pure Scotch sired by Baron Kear 3d and he is a herd header. The other bulls will have four and five Scotch tops on them and are a splendid lot. The Baron Kear 3d heifers are bred to the Scotch bull Nonpareil Courtier 3d 238981. There will not be a cow in this sale that is not strictly all right in every way. No shy breeders nor barren cows will be sold. That kind I sell on market. Write for catalog. Address.

Col. BELLOWS, Auctioneer.

## W. H. McLaughlin, Shelby, Ia.

Shelby, Iowa, is forty miles east of Omaha on the C., R. I. & P. Ry. Parties coming to sale can stop at Tennant, Iowa, on C. G. W. Ry. My farm is 1½ miles from Tennant.

serve. There are forty head cataloged for the auction and the animals are about equally divided as to sex. A full list of the consignors will be found in the advertisement, and when good, well-bred steers are commanding the prices that they are, pure-bred bulls should not lack for bidders. The females that produced these bulls should always be in demand and there was never and there probably never will be a better time to invest in them than now. Whether you are wanting bulls or females, you will do well to attend this auction.

### Wheatley & Ward Sell Fourteen Angus in Omaha Sale.

Messrs. Wheatley & Ward, of King City, Mo., have consigned fourteen head of Angus cattle to the Omaha sale to be held at South Omaha, Neb., March 12th and 13th. Ten of the number are bulls and five of the ten are Queen Mothers. The others are of good reliable families. Six are sons of their Pride bull, Maplehurst Proteros, a bull of great scale and plenty of quality. Messrs. Wheatley & Ward have selected these bulls

from a string of twenty head and they are only selling such bulls as will do the purchasers good. Two of the number were shown at St. Joseph Interstate Show last fall and in practically their every-day clothes stood right up next the money. Those who are looking for bulls for immediate service should look to this consignment. They are bred right and are good ages. Only four females are consigned by Messrs. Wheatley & Ward. These are all young cows and are safe in calf to Gardner's Pearl Rosegay, a half-brother to the champion Vala's Rosegay. Two are Queen Mothers, one a Morlich Isabella and one a Lydia. The number of Queen Mother cows in the Wheatley & Ward herd makes it possible for these gentlemen to sell such a number from this reliable family. See this page for advertisement of the Omaha Angus sale and write Mr. Hal T. Hooker, of Maryville, Mo., for catalog.

A few choice Suffolk fillies are offered for sale by Messrs. Peter Hopley & Son, of Lewis, Iowa. They also have a grand lot of Percheron, Shire and German coach stallions for sale. It will pay anyone wanting stallions or mares to go and see them.



# C. R. STEELE'S Great Two-Day Short-horn Sale

112

40 HEAD STRAIGHT SCOTCH CATTLE---90 COWS AND HEIFERS AND 25 BULLS

IRETON, IA., TUESDAY &amp; WEDNESDAY, MARCH 12-13, 1907

112

Never before has such an offering of Scotch and Scotch-topped cattle been offered in the Northwest. The Scotch families in the sale are Victoria, Duchess of Gloster, Orange Blossom, Mysie, Dorothy, Lavender, Nonpareil, Airy Buckingham, Miss Ramsden, Matchless, Louisa, Butterfly, Mary Ann of Lancaster, and other families. There will be three imported cows in the sale, two with calf at foot, by Ceremonious Archer, the other by Lord Banff 3d. There will be eight Scotch bulls in the sale. There will also be a lot of Scotch-topped cattle in the sale. In fact I am offering cattle for both the farmer and the breeder. They will be bred to Lord Banff 3d, Ceremonious Archer and Imp. Sittyton Fame. Write me at once for catalog. Address.

COLS. BELLOWS AND JONES, AUCTIONEERS.

C. R. STEELE, IRETON, IOWA.

Kindly Mention Iowa Homestead When Writing.

## Lone Retreat's Jacks, Jennets and Stallions Sell March 15th.

The sale of the Lone Retreat jacks, jennets and stallions owned by the late J. C. Ray, of Lawson, Mo., should be well patronized by the men who want high-class stock. Twenty jacks, six jennets, four colts and the stallions owned by Mr. Ray go and at your own price. Among the jacks is the great Bryan 280, one of the greatest jennet jacks in America. For bone and scale he has few, if any, superiors. He stands sixteen hands high and is absolutely sure as a foal getter. Among the other high-class jacks is Kentucky Chief, a five-year-old that stands sixteen and one-quarter hands, Sloan, a seven-year-old and a big, strong-constituted fellow; Monster, a great-boned jack, and Mullins, sire of the fifth and sixth prize mules at the St. Louis World's Fair. Here is one of the greatest mule getters in Missouri. Four coming three-year-olds show great bone and much substance. Among the stallions is the great saddle stallion, Jarvis, a five-year-old, jet black, weighing 1,100 pounds. Jarvis is a horse of great style and is a well-proportioned fellow. Spion Kop 32864 is a Wilkes-bred trotter, a beautiful brown, weighing better than 1,250 pounds. Two Percheron studs are to be sold. One, Turc 44093, is a black, coming two years old and weighs over 1,400 pounds. He has great bone, is well quartered and a desirable stallion. The other, Ben Hur, is a bay yearling that weighs over 1,100 pounds. Nothing but first-class stock was kept at Lone Retreat and buyers will find this an excellent opportunity to get high-class stock. See page 34 for advertisement and write today for catalog. Address C. F. Chamberlain, manager.

## A. C. Berry Sells Another Mutineer Bull.

Mr. A. C. Berry, of Unionville, Mo., breeder of Short-horn cattle, reports the sale of a yearling son of Imp. Mutineer to Mr. A. W. Kincade, of Moravia, Iowa, at a price well up in three figures. Mr. Kincade writes Mr. Berry that the bull pleases him better every day and is admired by all who see him. It is the same old story—good breeding will tell. Imp. Mutineer is a half-brother to White Hall Marshall, the 1906 champion of America, that recently sold for \$10,000. He is out of Missle 167th, the dam of White Hall Marshall, and was got by Bapton Chief, he by the same sire and his dam by the same sire as Bapton Diamond, Mr. Dan Hanna's great breeding bull. Mr. Berry has on hand a number of these Mutineer bulls that should go to head good herds. Among them is a Victoria, a beautiful all red fellow that is growing into a great bull. A number of daughters of Mutineer will also be priced worth the money. Here is an opportunity to get something extra in females. See page 36 for Mr. Berry's advertising and when writing him kindly mention this paper.

103 Doddies at South Omaha, Neb.

On Tuesday and Wednesday, March 12th and 13th, at South Omaha, Neb., there will be held under the management of Mr. Hal T. Hooker, of Maryville, Mo., one of the best sales of Aberdeen Angus cattle to be held this season. Thirty-eight bulls and sixty-five cows and heifers are listed for this sale. They are choice selections consigned by the following breeders: Messrs. Parrish & Miller, Hudson, Kan.; Oliver Hammers, Malvern, Iowa; Wheatley & Ward, King City, Mo.; C. D. Hooker & Son, Maryville, Mo.; Davis Bros., Maryville, Mo.; N. M. Pettit, Overton, Neb.; R. L. Milton, Stafford, Kan.; J. B. Robinson & Co., Maryville, Mo., and J. H. Mayne, Council Bluffs, Iowa. The leading families are represented and each contributor is offering such cattle as will do the purchasers good. There are herd bulls of great merit in the offering; some have been winners and sires of winners. Then there is a long string of breeding bulls of much merit. It will be an opportunity seldom found for both the breeder and the ranchman. In the female part of the offering there is listed enough material for foundation herds to satisfy several who may be contemplating such a move. It is not every day that a string of cows bred to as many great herd bulls are found in a single sale. This will afford an opportunity to get stock

by some of the most noted sires in the West, as each contributor to this sale has included several cows that are well along in calf to their leading herd bulls. There are a number of females that should go to herds needing show material. Write Mr. Hal T. Hooker, of Maryville, Mo., for a catalog and arrange to attend. See other field notes for notes on the various consignments. The advertisement will be found on page 31.

## Real Dual-Purpose Short-horn Bulls at Hughesdale.

On page 36 in our Short-horn department will be found the advertisement of the Hughesdale dual-purpose Short-horns owned by Mr. H. J. Hughes, of Trenton, Mo. Mr. Hughes is an advocate of the milking Short-horn, yet he believes that even though a heavy milker, the Short-horn should have scale and quality. This he has demonstrated in his herd to a degree seldom seen, as there are a whole herd of cows quartered at Hughesdale that weigh 1,500 pounds or better and give great quantities of milk. They are true Short-horns and are the easy-feeding kind so much in demand. The breeding of these Hughesdale dual-purpose Short-horns is up to date, as we find in their pedigrees some of the best sires known to the breed, both Scotch and American-bred sorts. The great championship winner, Viscount of Anoka, heads the herd. Among the females are daughters of Grand Lavender, a pure Scotch bull got by the great Grand Victor; Baron Bishop, out of a daughter of Imp. Chief Baron; Spartan Chief, Alice's Prince, Choice Goods, etc. This is, of course, the home of the great Rowena 2d, yet there are other cows there that are her equal. Mr. Hughes is offering some desirable herd bull material, among which is a son of Rowena 2d, that has for his sire Grand Lavender. At thirteen months of age this calf weighed 1,200 pounds and is right every way. Everything at Hughesdale has stood the test for tuberculosis and buyers need have no fear of disease of this sort. Mr. Hughes invites you to visit the herd and inspect his stock. When writing him kindly mention The Homestead.

## Tuesday, March 5th, the Day the Limestone Valley Jacks and Jennets Sell.

On next Tuesday, March 5th, at the Limestone Valley Farm, near Smithton, Mo., and six miles east of Sedalia, Messrs. L. M. Monsees & Sons, of Smithton, Mo., will hold their thirtieth semi-annual sale of jacks and jennets. For weeks the advertising has been before the public and it is now up to the buyers of high-class jacks and jennets. Do you want them? If so, be on hand sale day, as there will be sold sixty head, the superior of which has never been offered at either public or private treaty. See page 36 for the last announcement.

## Wardell & Catty Buy Helen's Sister.

In our report of the sale of Durocs held by Messrs. Maupin & Applegate, of Shelby, Mo., we in error gave the address of Wardell & Catty, of Macon, Mo., as Macon, Ill. These gentlemen purchased the top sow of the sale, Helen's Sister, a litter mate to the great Helen Blazes, that produced the first Duroc gilt that ever sold for \$1,000 or over.

## Grand Jack and Mule Sale, Savannah, Mo., Next Week.

On March 7, 1907 the Quiet Glenn Farm will hold their third annual sale in the limits of Savannah. This establishment are so well and favorably known that we scarcely need say that the quality of the offering is first class throughout. Past sales have demonstrated that the kind of jacks and mules produced at Quiet Glenn Farm are good ones. This time there will be offered twenty-five jacks, twenty-two three-year-old mules and one draft and one harness stallion. Those who are interested in this kind of stock should by all means write for the sale catalog. By the way it is most elegant in get up and should be highly appreciated as it contains fifteen full-page illustrations taken from actual photographs of the numbers to be offered in the sale. The farm is six miles east of Rea, Mo., and if you

## GREAT DISPERSION

# Duroc Sale

TO BE HELD AT

..KEARNEY, NEB., MARCH 7, 1907..

30 AGED SOWS, 20 YEARLINGS  
AND GILTS.

ON this date I will offer at my farm near Kearney, Neb., my entire herd of Duroc Jersey sows, including Lund's B., the third prize sow at Nebraska State Fair. They are in good breeding condition, are from the most fashionable strains and bred to such boars as Red Knight Jr. by Red Knight. Others are bred to Red Chip by Lund's First. Everything must go. If you cannot attend send a bid to Ray Page of The Homestead.

A. C. Lund, Prop., Kearney, Neb.

RAY PAGE AND L. A. KUPPE, AUCTIONEERS.

## The Tops of Two Herds

# 50 Tecumseh and Perfection Bred Polands

At Redfield, Iowa, March 13, 1907.

Mature sows and gilts sired by Sweepstakes boar, Young Tecumseh 3d 94104, bred to Longfellow Jr. 121403. A very choice number bred to Dietrich's Darkness 91453 and Osborne's Perfection 2d. An offering of superior merit. Plenty of size and bone. Send for catalog. Trains met at Dexter on Rock Island Railroad.

B. P. WHITTINGTON, Earlham, Ia.

J. C. HARRIS, Panora, Ia.

Col. F. F. LUTHER, Auctioneer.

are unable to be at the sale you will be welcomed at the farm to look over the stables and leave bids if you desire. When writing for this catalog address Mr. G. M. Scott, Route 2, Rea, Mo. Sale commences at 10 o'clock a. m.



## ONE HUNDRED AND TWENTY HIGH CLASS

## Aberdeen Angus, Herefords, Short-horns

..... AT AUCTION AT SALE PAVILION, STOCK YARDS, SIOUX CITY, IOWA, MARCH 6, 7 AND 8, 1907 .....

Comprising the Greatest Auction of Breeding Cattle of the Beef Breeds to be held in the Northwest this Season.

Forty Aberdeen Angus are cataloged for Wednesday, March 6th, from the well-known herds of Anderson & Findlay, Lake Forest, Ill.; J. V. Arney, Leon, Iowa, and L. H. Lamar, Storm Lake, Iowa. The sixteen cows and heifers consigned by Anderson & Findlay are sired by the imported bulls, Elberfeld, Conqueror of Aberlour, Monitor of Glamis and Pacific, and are from dams of the Erica, Coquette, Lady Ida, Westertown Rose and Garline Beauty families. Other consignments include representatives of the Blackbird, Queen Mother, Pride and other noted strains. It is a choice offering, grandly bred and a full attendance of the friends of the breed is asked.

Forty Herefords will be auctioned on Thursday, March 7th. They are consigned by G. W. Harness, Galveston, Ind.; H. J. Stinger, Allen, Neb.; W. A. Bichel, Glenwood, Iowa; C. W. Morse, Sioux City, Iowa; Jesse Engle, Sheridan, Mo., and J. N. Neal, Jr., Lambertson, Minn. The fifteen entries consigned by Mr. Harness are strong in the blood of the famous champion and sire of champions, Dale, the grandsire of the only two bulls to sell for as much as \$1,000 at public auction within the last few months. All of the strains that have contributed to the greatness of the breed are represented and the best of individual merit is maintained throughout.

Forty superb Scotch and Scotch-topped Short-horns will be sold on Friday, March 8th. They are consigned by A. O. Stanley, Sheridan, Mo.; J. L. Smith & Son, Minier, Ill.; Louis Clouse, Galva, Iowa; G. P. Simpson, Blockton, Iowa, and J. N. Neal, Jr., Lambertson, Minn. The twelve bulls include the Scotch herd headers, Valley Godoy 275195, a Cruickshank Victoria; Scottish Banker 275194, a Marsh Violet; Lancaster Lad 262183, a Cruickshank youngster of great merit, and other good ones suitable for breeders or farmers' use. The females include the show heifer, Miss Signet 2d, a daughter of the Harding-bred Scotch Hero; and her dam and granddam and also a daughter of the latter cow. The quartet comprises the greatest family of show cattle that I have ever offered at auction and there are many other show and breeding females cataloged that will well repay the attendance of Short-horn breeders and farmers.

SEPARATE CATALOGS OF EACH BREED WILL BE MAILED ON APPLICATION TO

W. C. MCGAVOCK, SALE MGR., SPRINGFIELD, ILL.

Col. Geo. P. Bellows and Assistants, Aucts.

### Dissolution Sale of the Famous Morrison Herd of Duroc Jerseys.

On page 34 of this week's issue of The Homestead will be found the dissolution and removal sale advertisement of the famous herd of Messrs. Jno. M. Morrison & Sons, of College View, Neb., on March 15, 1907. This sale comes now as a great surprise, but the sons of Mr. Morrison desire to retire from the business and therefore the whole herd will be sold at public sale. It will be held at the farm and it promises to be one of the greatest Duroc Jersey sales that has ever been held in this country. This herd broke the world's record for 1906 when they averaged \$135.40, and again the same year on boar sale which averaged \$95.50. This year they again broke all records when they made an average of \$228. We simply call our readers' attention to these things at this time to show what the breeders have been thinking of the Morrison herd. Now everything goes, and this will include the one-half interest in the great Kan't Be Beat, one of the greatest sires living or dead, having to his credit fifty-seven first and sweepstakes prizes, and whose get have already won eighty-one first, champion, grand champion and sweepstakes prizes, while Kan't Be Beat's get have either topped, or sows bred to him have topped the following sale: Jno. M. Morrison & Sons, College View, Neb.; Arch Brown & Son, Waterloo, Neb.; Peek & Putnam, Tecumseh, Neb.; Grant Chapin, Green, Kan.; Kirkpatrick & Wilson, Lincoln, Neb.; Fagan, Browning & McCabe, Hersman, Ill.; and Watt & Foust, Xenia, Ohio. All of Messrs. Morrison's noted brood sows will be sold, including the Iowa and Nebraska sweepstakes sow, Alix II., considered one of the greatest sows of the breed. She is a daughter of the noted boar, Proud Advance, and was one of the highest priced sows sold in 1906. Her dam, Alix, was the highest priced gilt sold in 1904. This sow is one of the greatest of the breed and no man will go wrong who buys her. Among the other great sows that they will sell is Van's Lady, a Nebraska State Fair first-prize winner; Ida M., Miss Bob, Parnell B., Victor's Banner and in fact every brood sow they have in the herd. These were the greatest sows that could be secured at the time they were purchased, but they all go now. Seven of the best Ohio Chief gilts reserved by this firm will also be sold and they are all bred to the great Kan't Be Beat. It will be a sale that every breeder in the land will be interested in. The most complete catalog that has ever been issued will be printed for this occasion. No Duroc Jersey breeder should fail to get one of these. It will be sent free to readers of The Homestead provided they mention this paper. Mr. M. T. White, of The Homestead, will represent this paper at the sale and will look after any bids to him. If it is not possible for you to get there send a bid on what you want and it will be looked after.

C. D. Hooker & Son Sell Blackbird Benton at Omaha, March 12th or 13th.

Heading the list of Aberdeen Angus cattle consigned by Messrs. C. D. Hooker & Son, of Maryville, Mo., to the South Omaha sale, to be held on March 12th and 13th, is their great show and breeding bull, Blackbird Benton 69611. They are not parting with this bull for any fault, but because they have so many of his daughters, half sisters and older ancestors that they cannot use him longer without too much inbreeding. Blackbird Benton was calved September 3, 1903, and in 1905 he won second at the American Royal; in 1906 he won first at the interstate show at St. Joseph, Mo., and second at the Missouri State Fair. Messrs. Hooker & Son have never fitted him highly, or other and higher honors would undoubtedly have been won. As an individual Blackbird Benton is true to the Angus type, is low down, thick from end to end, an easy keeper and carries as even a coating of mellow flesh as is often found on any animal. The writer has been familiar with the get of Blackbird Benton for some time past and as a breeding bull he has few superiors. He gets good stock of either sex and all are true Angus and feeders from the start.

Messrs. Hooker & Son consign a son and a daughter to this sale to show how Benton breeds. They have not been selected and fitted for this purpose and breeders will see that in this animal one of the good bulls of the breed will go and at your price. He is a safe investment, no matter what the price, as such bulls are not often exposed at public treaty. He is one of the very surest breeders, a fine dispositioned bull and should go to some good herd. If any of our readers are looking for an absolutely high-class herd bull they should be on hand March 12th and 13th. Messrs. Hooker & Son sell two other bulls, one a son of Blackbird Benton, the other a son of their senior herd bull, Eraste. Eleven females are consigned by them and all are good, useful young cows and of good families. Write Mr. Hal T. Hooker, of Maryville, Mo., for catalog of this sale. The advertisement will be found on page 31 and you will favor us by mentioning The Homestead when writing.

### McLaughlin's Short-horn Sale.

On March 18th Mr. W. H. McLaughlin will make a public sale of Scotch and Scotch-topped cattle at his farm, four and one-half miles north of Shelby, Iowa, and one and one-quarter miles southwest of Tennant, Iowa. Mr. McLaughlin is one of the best breeders in Shelby county and a more reliable man never bred Short-horn cattle. He has one of the best herds in western Iowa and he has always been a good buyer of the best Scotch tribes. At the head of his herd stands the great Cruickshank bull, Baron Kear 3d 158073, and he is the sire of most of the young bulls and heifers in the sale, and he will also be bred to the cows that will be sold. This is one of the best Scotch bulls ever used in the state of Iowa. He formerly headed the herd of Messrs. C. W. Daws & Son, of Harlan, Iowa, and they paid \$1,000 for him. He is a richly-bred Mysie, his sire being the great Banner Pro 124047. Then in unbroken line comes Imp. Prince President, Imp. Goldstick, Imp. Earl Aberdeen, Crown Prince of Athelstane 2d, Scotland's Pride and Champion of England. He has always been a great breeder and he is the sire of a grand lot of young heifers and young bulls in this sale. Mr. McLaughlin will sell forty head on this occasion and it being his first annual sale he has therefore drawn upon some of the very best things he has in the herd. He will sell twenty-eight head of cows and heifers and twelve young bulls, ranging in age from ten to twenty-four months of age. Among the females will be seven or eight Scotch cows and there will also be a splendid young Scotch bull in the sale. The rest of the offering will have from three to six and seven Scotch tops on some of the best Bates foundations. The Baron Kear 3d heifers will all be bred to the young Scotch bull, Nonpareil Courtier 3d 238981, a son of Imp. Nonpareil Courtier, and the older cows to Baron Kear 3d. Mr. McLaughlin is selling a good Duchess of Gloster cow in the offering and she will have a calf at side by sale day to Baron Kear. Her sire is Nonpareil Champion and her dam is a daughter of the noted King James. Nerissa 18th of Maine Valley is another one of the good things. She is a daughter of Royal Prince of Maine Valley and her dam is a daughter of Imp. Confessor. Mr. McLaughlin also sells Violet's Flower, a daughter of Imp. Scottish Pride, and her daughter, Violet's Flower 3d by Baron Kear 3d, will also go in. The dam of Violet's Flower was sired by Imp. Guardsman, the sire of the noted St. Valentine. This cow has six imported Scotch bulls at the top of her pedigree, and every one is a good one. She is one of those Lavinias and this family has been among the best of the breed. There are many other excellent things in this sale and the catalog will give the breeding. He is selling a splendid bunch of young bulls. One of these is a Scotch bull and a son of Baron Kear 3d. He is a roan in color and an excellent young bull. This bull is good enough to head some of our best herds. The rest of the bulls are well Scotch topped and have been well developed. They are in nice condition and are ready for service. We urge all our readers who are interested in Short-horn cattle to write for catalog and then go to the sale. Kindly mention The Homestead when writing.

## Joint Breeders' Sale of Scotch and Scotch-Topped Short-horn Cattle

... to be held at ...

Wayne, Neb., Wednesday, March 13, 1907  
40 head, 20 Cows and Heifers, 20 Bulls

from the herds of A. B. Clark and W. M. Lessman.

This offering is the pick of our two herds. The cows are mostly of the milking strains and are good individuals. The bulls are a grand lot. Never has a better lot been sold in northern Nebraska. Included will be the great Cruickshank bull, SCOTCH FASHION 135959. He is a son of Imp. King James 120945 and out of a daughter of Imp. Northern Light. If anyone wants a herd bull, here is one that is strictly all right. FAME'S HERO is another good one. He is a son of Imp. Fame 222065 and out of a daughter of Imp. Nonpareil. The bull offering is particularly strong. The offering throughout is a most excellent one. Write at once for catalog. Address,

Col. Cunningham, Dennis and Walker, Auctioneers.

A. B. Clark, W. M. Lessman, Wayne, Neb.

EVERYTHING GOES . . . . CLOSING OUT SALE

## Angus and Polands

To be held at Farm near Paton, Iowa, March 7, 1907.

Seventy head Angus males and females representing leading families. Many valuable producing cows, some with calves at foot by King Ito by Prince Ito. Also the herd bull and a number of yearlings of good merit. The complete herd of forty breeding Poland Chinas, principally of Perfection breeding. Here will be some snaps, as they go without reserve. Send for catalog and plan to spend the day with us.

COL. C. E. LUTHER, AUCT.

C. H. SEIBEL, PROP.

## Sixth Annual Stock Sale OF PURE BRED

## Short-Horns and Poland Chinas

Grand Junction, Iowa, March 6, 1907.

**33 HEAD CATTLE** Consisting of sixteen young bulls, 8 to 18 months old, of good Scotch blood lines and choice sappy fellows of right conformation. Seventeen cows and heifers in good breeding condition. Bred to herd bull Winsome Duke 248237. Regular producers of profitable offspring as our offering will show.

**50 POLAND CHINA SOWS AND GILTS** Mostly sired by H. C. Perfection 93523 and Standard Dude 101373. A business lot in thrifty shape. Sale begins promptly at 12 M. on farm three miles east of town. Write for catalog.

SCHNEIDER BROS.,

GRAND JUNCTION, IOWA

F. F. LUTHER & SON, Auctioneers.



# Administratrix Sale Of "Lone Retreat" Stock Farm's

**Jacks and Jennets and Stallions--Friday, March 15th, at farm near Lawson, Mo.**  
**20 JACKS---YEARLINGS TO 9 YEARS OLD. PAST YEARLINGS ARE 14 1-4 TO 16 HANDS HIGH. 6 JENNETS FROM 3 TO 9 YEARS OLD, 4 COLTS**

Bryan 280, one of the greatest jennet jacks in America, is included. Among the stallions is the famous Jarvis 2578, a black beauty, Spion Kop 32864, a Wilkes-bred trotter. Ture 44093, a black Percheron, and Ben Hur, a bay yearling Percheron. This stock must be sold to settle the estate of the late J. C. Ray. Sale starts at 1 p. m. Lawson—On C. M. & St. P., and Santa Fe Rys., 42 miles northeast of Kansas City and 48 miles southeast of St. Joseph. Farm located in northeast corner of Clay county, 4½ miles east of Holt, on C. B. & Q., and C. R. I. & P. Rys. For catalogs, write

Harriman & Sparks, Auctioneers.

MRS. LENA M. RAY, ADMX., OR C. F. CHAMBERLAIN, MGR., LAWSON, MISSOURI.



## Closing Out Angus and Poland Sale—Paton, Iowa.

Seventy-eight well-bred Angus and a half hundred Polands should make an attractive sale offering. This is what Mr. C. H. Seibel, one of the prosperous breeder farmers of Green county is going to sell at his grand closing out sale to be held at the farm, four miles east of town, March 7th and 8th. The cattle will be sold the first day. Mr. Seibel is going to give his son a chance and takes this method of relieving the farm of some of its stock. One-third of the offering will be young bulls ranging in age from nine months to two years. They are well grown and promise some very excellent herd bull material. It will be a first-class place for the buyer of car load lots. About ten of them are out of Dimple cows and sired by Monarch 2d of Quietdale 47575. The rest represent quite a variety of breeding, including some Princess, Waterside Bessie and Queen Mother bulls. The female part of the offering is composed of cows and heifers. What the cows have produced may be seen on sale day and we will say for Mr. Seibel that no one will be disappointed, for in the ten years of experience as a breeder some very enviable results have been attained in this herd. From this herd the Iowa Agricultural College selected some of the show stuff that won ribbons at the recent international in Chicago. Suffice it to say that there will be some choice picking among the Queen Mother, Princess, Oak Leaf, Dimple and other matrons that will be a part of the sale. Everything is guaranteed to be as represented and there will be no postponement for weather, as such contingencies have been provided against by a large tent. The swine offering will be sold March 8th and it will include all the breeding herd. A good opportunity will be afforded those who attend the cattle sale to remain over for this feature of the sale. There will be some very well bred sows and gilts, as good blood has been generously added to the herd from time to time. Write for catalog and kindly mention The Homestead. For further particulars see page 33.

## Andrews Has Forty Good Ones At Private Sale.

Mr. E. H. Andrews, the noted Poland China breeder of Kearney, Neb., wishes to announce to the many readers of The Homestead that his public sale has been called off and he will offer forty head of richly-bred sows, all safe in pig, at private treaty. After a careful inspection of this herd we are safe in saying to our many readers that this is a grand opportunity to secure some choice individuals. Among them are several daughters of Chief Perfection 2d; others by the noted Top Chief and some by Ideal Tecumseh, a son of Big Chief Tecumseh 2d. In buying a boar to mate with this grand bunch of sows Mr. Andrews, after a careful search for the proper animal, secured the great boar, Immense, a winner at the Ohio State Fair. He is a son of Golden Rule, the hog that sired a portion of the prize winners at this great fair, and a litter of pigs from Immense is liable to be in great demand before another year rolls round. Write Mr. Andrews in regard to these sows and mention this paper.

## Choice Polands at Redfield, Iowa.

At the above place, March 13th, Mr. E. P. Whittington, proprietor of Bear Creek Poland China Farm, will offer a select bunch of boars and sows at public sale. Mr. Whittington has been planning for this sale for some time and expects to have all the stock at its best. It is a good collection all through and much of it has already proved a valuable kind. Large litters have not been uncommon in the least and careful culling has brought the herd to a high degree of uniformity. Much of the good stock owes its existence to the herd boar, Dietrich's Darkness 91453 by Perfect Perfection by Chief Perfection 2d 42559. He is a good representative of his breeding and has impressed the characteristics of the Perfection blood quite strongly on his progeny. The gilts are largely by him and are of the type that combines early maturing qualities with a nice amount of bone. The yearlings and two-year-olds are a strong number of the sale and we will refer to them in the next issue. For the convenience of buyers and visitors the sale will be held in the town of Redfield on the C. M. & St. P. R. R. Good train service is afforded and the sale will be held in a comfortable place. Send for catalog, as they will be sent only on application. Kindly refer to The Homestead when making inquiry.

## Redfield, Iowa, Has Joint Poland Sow Sale.

One of the pleasant gathering places for breeders of Poland Chinas will be at Redfield, Dallas county, Iowa, March 13th, where the tops of two herds, namely, that of Messrs. B. P. Whittington, of Earham, and J. C. Harris, of Pandora, will be offered at public auction to the breeding fraternity. Both gentlemen have taken this opportunity to make a showing of choice female stuff that will receive the highest indorsement from supporters of this breed of swine. The offering will consist of fifty head in all of mature

sows and gilts and only the very tops of each herd has been selected. The offering is strong in the blood of noted Perfection and Tecumseh sires. A goodly number of the gilts are sired by Dietrich's Darkness 91453, a grandson of Chief Perfection 2d. There are also a number of good yearlings by him, while the older sows are of good Perfection sires also. Others of the gilts and a very choice lot are a number sired by the sweepstakes boar, Young Tecumseh 3d 94101 by Chief Tec. 3d, dam Viola 2d 119142. This boar is one of the long, deep, wide-backed kind with lots of flesh, and a gilt by him should be coveted. The offering is bred to Longfellow Jr. 121403, sired by the noted Tec. Longfellow, and this kind of breeding will surely result in some valuable produce. There are other of the gilts bred to Osborn's Perf. 2d, bred by Mr. A. R. Fox. This hog has worlds of bone and stretch. Right here will be an exceptional chance to get some good Polands, both young and mature. Write for catalog to Mr. B. P. Whittington, Earham, Iowa, at the same time kindly mentioning The Homestead. Mr. Whittington wishes us to call attention to the sale of Mr. Geo. Vader, of Churdan, Iowa, on March 12th, the Short-horn sale at Jefferson, March 14th, and the Jackson-Patrick Poland sale at Jefferson, March 15th.

## Schneider Bros.' Short-horn and Poland Sale—Last Call.

On Wednesday, March 6th, at the farm of Mr. W. A. Schneider, three miles northeast of Grand Junction, Iowa, will be held a sale of Short-horns and Poland Chinas that deserves more than local support. Messrs. Schneider Bros. have held five annual sales and they have been successful ones in every sense of the word. As breeders they have not been satisfied to have anything but the best that could be afforded. Generous purchases from the Flynn Farm near Des Moines have given them some high-grade foundation stock. By the purchase of Winsome Duke 238237, the highest priced bull of his age in the Flynn Short-horn sale of 1905, a notable addition was made to the herd. The female part of the offering is largely bred to this grand Bates bull and anyone getting a cow in calf to Winsome Duke will have something of more than ordinary merit. There will be heifers, as well as cows, and of the good kind that the farmer as well as the breeder can depend upon to make money. The bull offering has been inspected by a representative of this paper and it is without a doubt one of high-grade merit and worthy of the attention of the best breeders. They range in age from eight to eighteen months and include Boni de Castelan, red in color, a very sappy handler and coming two years in October. His sire is Koran 194797 and dam is White Rose of Wildwood 16th of the noted White Rose family. Another good one is Scotchman 2d, a yearling in May, by Imp. Scotchman 207626, out of a Scotch dam. Yet another is Baron of Walnut Hill, calved September, 1905, got by Walnut Hill Baron 221799 out of the Rose of Sharon family. He promises to be nothing less than a herd header of high merit. One of the choice females is Bertha of Willow Grove, a regular breeder and well along in calf to service of Winsome Duke. The cow was got by Gaveston 2d 128049 and she is worth going to see, for though a six-year-old, she promises many years of usefulness. Now this is a good sample of the offering. You will not be disappointed in what is offered, for it is as good as represented. The swine offering is a worthy one of mature sows and gilts of the Perfection and Nemo L. Dude breeding. They are a business lot from end to end and are bred to two good boars. One is Schneider's Sunshine 117523 by Iowa Sunshine. The other is a good Perfection boar. Write for the catalog and look up this offering in detail. It is worthy of your attention. Kindly mention The Homestead when writing.

## The Percheron Stallions at Carroll, Neb.

Carroll, Neb., is in Wayne county, which is about sixty miles west of Sioux City. At the former place is located the breeding establishment of Messrs. Billeter, Burress & Billeter. On March 14th these gentlemen have chosen to sell a very choice bunch of registered Percheron stallions and five Polled Durham bulls. The horse offering will undoubtedly attract a great many buyers, as from past experience buyers have learned that this firm keep the type of horse that is in demand by individual breeders, as well as by farm companies. The kind of horse that will produce draft colts that will sell around the \$300 mark is the kind that has plenty of size and substance. In color the offering is black or dark gray and by reference to the advertisement it will be seen that there is nothing under standard weight in the bunch. Those looking for some young Polled Durham bulls should post themselves on the breeding of the five that are offered as a part of the sale. They are registered and are the kind to do a herd some good. Write for catalog of the offering. See this page for further details.

If any of our readers want registered French draft mares or fillies they should write to Mr. F. J. Svoboda, of Snyder, Neb., who has a few good ones for sale.

## Dissolution of Partnership and Removal Sale.

March 15, 1907 at College View, Neb.

This offering of Duroc Jerseys is without a parallel in one auction for these ten reasons:

First, this breeding stock broke the world's record sow sale of 1906, averaging \$135.40.

Second, these sows again broke the world's record in fall or boar sale, averaging \$95.50.

Third, this herd again broke the world's record of 1907, averaging \$228.

Fourth, this herd produced the highest-priced pig of age from Alix II., October 16, 1906, sale.

Fifth, Alix II., acknowledged out-classer of the show yard, having the distinction of being the only sow taking first and sweepstakes at both Iowa and Nebraska in one year.

Sixth, Miss Bob, acknowledged one of the greatest brood sows of the breed.

Seventh, the greatest string of sensational prize-winning and producing brood sows and out-standing gilts in one herd.

Eighth, the greatest sire, living or dead, having fifty-seven firsts and sweepstakes prizes, and whose get have already won eighty-one firsts, champion, grand champion and sweepstakes prizes, while Kan't Be Beat's get have either topped, or sows bred to him topped the following 1907 sales: John M. Morrison & Sons, College View, Neb.; Arch Brown & Son, Waterloo, Neb.; Peek & Putnam, Tecumseh, Neb.; Grant Chapin, Green, Kan.; Kirkpatrick & Wilson, Lincoln, Neb.; Fagan, Browning & McCabe, Hersman, Ill.; Watt & Foust, Cedarvale and Xenia, Ohio; all these sales together averaging through Kan't Be Beat's value as a sire, \$113.14, while the average of the top sows directly effected was \$565.

Ninth, the only Proud Advance, Orion and Ohio Chief sows bred to Kan't Be Beat this year are from this herd.

Tenth, this one sale includes tops of more other sales than any one offering, as one-half interest in the great Kan't Be Beat and the following sows to be sold absolutely for what they will bring: Alix II., Miss Bob, Van's Lady, Ida M., Parnell B., Victor's Banner, Foust's Pride, seven Ohio Chief gilts and other topy gilts reserved for this farm, bred to Kan't Be Beat, Morrison's Bell Top and Ohio Chief Banner.

Free entertainment at Royal Hotel, Lincoln, Neb., one of the best hotels in the West. Send for catalog.

## John M. Morrison & Sons, College View, Neb.

Col. T. C. Callahan, Auct.

College View, Neb.

M. T. White, Homestead representative, will attend this sale and will care for all bids sent to him.

## FIRST ANNUAL SALE Percheron Stallions



Carroll, Wayne Co., Neb.

March 14, 1907

## 12 HEAD PERCHERON STALLIONS

Consisting of six imported, from four to six years old, 1,800 to 2,100 pounds; six American bred, consisting of three yearlings, two two-year-olds and one five-year-old, 1,400 to 1,800 pounds. Extra heavy bone and good action will be found in every number offered. They are all blacks and dark grays. Every horse goes without reserve. Everything guaranteed. Farmers, form a company and buy one of these good kind, that produce \$200 to \$350 drafters.

Also 5 choice Registered Polled Durham Bulls from 10 to 17 months old. Send for catalog.

## Billeter, Burress & Billeter

Geo. Bellows and E. Cunningham, Aucts.

Carroll is on C., St. P., M. & O. R. R., sixty miles west of Sioux City, Iowa, and 120 miles northwest of Omaha.

When Writing to Advertisers Please Mention this Paper



## CHESTER WHITE HOGS.

## SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. if you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## CHOICE CHESTER WHITE SOWS &amp; GILTS

THE kind that sell, the kind that win. Bred to the most noted boars living, such as Captain 14119, Chief Commander 16235, and W. S. Perfection. Anything in my line shipped on approval. Inspection solicited. 1 mile west of Kirkman, Ia. H. & A. phone 626G. I handle the best ship no inferior stock. Address or call on J. L. BARBER, R. R. 3, HARLAN, IOWA.

## MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, Rt. R. No. 1, Neponset, Illinois.

## EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

W. F. HEMMERLING,

DIKE, GRUNDY CO., IOWA

## Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS,

R. F. D. 6

GENESE, ILLINOIS.

STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kelsor FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB. and Perfection.

## HUMBERT &amp; WHITE'S

## "Combination" Chester Whites

THE premier herd at the Iowa and Illinois state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner COMBINATION. Write us for a Combination pig and get the quality that wins. Address, F. D. HUMBERT, Nashua, Iowa.

F. P. WHITE, New Hampton, Iowa

## Pleasant Grove Herd Chester Whites

BOARS all sold. Have to offer 25 bred gilts which are bred to my famous boar, White Leader 16513. Greatly reduced prices until February 10th. Write me your wants. Address, J. M. JANSSEN, Rt. R. 3, P. O. Box 627, Sibley, Iowa

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FOR SALE—From 10 months to 2 years old. All reds but one roan. Mostly all sired by Baron Kear 2d 124495. They are the most valuable lot for herd headers that we ever had at any one time. If you want a herd bull send for our bull catalog and come and see them.

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INCLUDING one Scotch Missle out of Mildred (the twin with Money Mink), that I think is the best bull I ever bred.

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LOT by Maplehurst Proteros 47351, Hale Lad 2d 42497 and Gardner's Pearl Rosegay 52837 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

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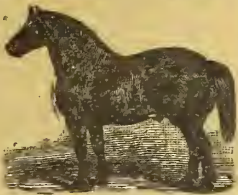
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We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over thirty-two years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get your guaranty and insurance direct from headquarters. Visit our barns and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guaranties and will sell to you more good horse quality for less money than any one. Come to the barns and get the most reasonable terms that can be offered.

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## OUT OF THE RING BUT STILL IN THE LEAD

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BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconceived effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

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THE HOMESTEAD





VOL. LII. NO. 10.

DES MOINES, IOWA, MARCH 7, 1907.

WHOLE NO. 2590

### ASSESSMENT OF PEDIGREE FOR TAXATION.

The present season is, in many of the states, the time established for assessing real and personal property for taxation. How to secure a just and equitable assessment, fairly distributing the burdens of taxation among the people, is one of the most difficult practical and theoretical questions statesmen have to deal with. It is conceded that much personal property is overlooked by the assessors everywhere, especially in cities and towns; and unfortunately for honest taxpayers and those whose property cannot be concealed, the burden thus avoided falls upon those who are already paying their full share of the taxes. The farmer's property, consisting largely of lands, buildings and other visible improvements, machinery and live stock, cannot be hidden from the assessor, and the result is that its relative burden of taxation is often far greater than it should be.

Aside, however, from the possibility of concealing the farmer's property from the tax-gatherer, there are numerous questions arising from the valuations put upon property for taxation which call for most careful attention from both assessors and those whose property is listed by them. Not the least of these is the question of assessing live stock, and the relative values to be put upon pure-bred stock and grades. The laws of different states on the subject of assessments are extremely varied, some calling for the full cash value and others for a certain percentage of the cash value. But various as are the laws, the practice in different communities is still more so, causing great inequalities as between individual taxpayers. In some places, pedigreed stock is assessed on the basis of the market value for slaughtering purposes; in others, a small percentage is added or a small fixed amount per head, thus recognizing to a certain extent the real or supposed value for purposes of breeding. A few assessors insist on valuations which include the full supposed value of the pedigree which in effect imposes a heavy relative burden on one breeder over others with whom he is in competition as well as a penalty upon enterprise and the disposition to do something for the elevation of the live stock industry to a higher plane.

There are many who take the position that it is absurd to tax pedigree, thereby placing a higher valuation on pure-bred stock than on grades, for the reason that when sale is forced to compel payment of taxes, debts, etc., the owner cannot be required to throw pedigree into the scale whereby prices are determined. We regard this argument as somewhat fallacious, although we have much sympathy with the object aimed at by those who use it.

The true ground of reasonable objection to taxing pedigree is that it is the imposition of a penalty upon progressive methods. The records show that in the most progressive western farm communities, less than 2 per cent, on the average, of all animals listed for taxation are subject to registry. Why should those who are putting money, time, energy, thought and, in many cases, personal sacrifice into the raising of the standard of the live stock industry, be made to feel that their enterprise is not appreciated in the communities in which they live? Could not any county well afford, by a liberal policy toward

its breeders of fine stock, to let the world know that it desires to encourage the breeders of the best? Such a policy would, in time, result in a great increase in the percentage of good stock in proportion to grades.

Assessors are fully justified by the prevailing practice in many localities in pursuing a liberal, not to say generous policy on this question. By fixing high valuations on pedigreed stock, they simply aggravate and accentuate the injustice which already exists in our system of taxation; for the policy which exempts the immensely valuable franchises of great corporations from taxation, but lists pure-bred horses, cattle, hogs and sheep at fancy prices is surely as short-sighted as it is inequitable.

### BLACK LEG—ITS CAUSE AND PREVENTION.

Nearly every stockman is more or less acquainted with black leg, either from hearsay or from experience with the disease in his herd. Every now and then there is an outbreak of this fatal, infectious malady in some herd, and, for the reason that it is necessary to take immediate and proper action to get the matter under control, we take this method of setting down a few points regarding the disease which should be known by every owner of cattle.

In accordance with general experience, veterinarians tell us that the disease generally breaks out in cattle that are under two years of age. It is apt to appear year after year among cattle on certain pastures and along certain valleys. The reason for this is that the disease is caused by a germ which is very resistant and is able to remain virulent from year to year. The bacillus

is generally found on lowland pastures, since it is in such places that carcasses of animals dying from this disease are deposited, and also for the reason that drainage waters carry these disease germs from barnyards and high lands to these lowland pastures.

Often the first indication of this fatal disease in the herd is the sudden death of some of the calves or yearlings. The young stock seem to be the most susceptible. The first indication of the trouble will be a swelling of the quarters of the animals, which is due to an accumulation of gas under the skin. If the trouble is taken to remove the skin from the limb of an animal dying of black leg, there will be found in the loose tissues covering the muscle dark and frothy blood of a foul odor. The animal contracts the disease by becoming infected with the disease germ through the skin or mucous membranes of the body.

The medical treatment for stock affected with the malady is not generally considered satisfactory, or, as a rule, worth while. It is a case in which an ounce of prevention is better than a pound of cure. The prevention is vaccination with some one of the black leg vaccines on the market. Directions usually accompany the vaccine, which is generally a brownish powder put up in pill form. Directions for the injection differ slightly with the different preparations.

It might be well to emphasize the necessity of doing a clean job when injecting the vaccine. The syringe should be sterilized in some good disinfecting solution, such as carbolic acid, and the area on the shoulder of the animal where the injection is to be made should also

be sponged over with the disinfecting solution. Accompanying the vaccination the cattle should be changed to high pasture, if possible, and if it is possible to improve the ration by making it more palatable or nourishing the same should be done.

### DESTROYING OAT SMUT.

Mr. J. E. Lyons, of Lafayette county, Mo., sends the following communication:

I wish you would give me an effective remedy for destroying smut on small grain, particularly oats. I understand that there is a simple and yet comparatively inexpensive plan by which smut can almost absolutely be killed out so that it will not make its appearance in the crop. If this is true I wish you would give us the formula, because farmers of Missouri could effect an immense saving if they could keep their grain from running to smut.

The simplest and one of the most effective methods for destroying oat smut is to treat the seed with formalin. This is a liquid compound, which, from the chemical standpoint, is 40 per cent formaldehyde. Druggists who do not keep it in stock should be able to obtain it from the wholesaler on short notice.

For treating seed, mix one pound of the formalin with forty or forty-five gallons of water. Where only a small quantity of oats are to be treated a fraction of a pound of formalin may be used and a corresponding proportion of the amount of water. We have found it convenient to buy the formalin in four-ounce bottles, the contents of which are mixed with ten gallons of water.

Place the seed on a close barn floor and make a trench along the center of the pile. Pour on your mixture of formalin and water and stir the grain with a scoop shovel, keeping this up until the pile is thoroughly wet. It will require nearly a gallon of water per bushel of grain. It may be necessary to turn the grain two or three times before it is all thoroughly saturated. When this point is reached, shovel the oats into a deep pile on the center of the floor and cover with horse blankets, gunny sacks or any other similar material. Leave in that condition for a period of two or three hours and then spread out thinly on the floor. It may be necessary to stir the grain a few times after it is first spread out in order to hasten drying and therefore lessen the danger of the grain swelling, which might lead to germ weakening. Of course in some instances the grain is sown just as soon as it is treated, but we do not advise this for the reason that there are few drills or few broadcast seeders that will handle moist grain satisfactorily.

We would like if something could be said that would induce all our readers to go to the trouble to treat their oats. The expense or cash outlay would scarcely amount to more than a cent or two per bushel, and even the labor coming as it does at a slack time of year is but a trifle. It is our opinion that concerted action on the part of farmers in treating their grain for smut for a few years would eventually kill out this pest altogether. Of course we cannot say absolutely whether this would hold true or not, but we do know instances where the practice has been in vogue for a number of years and as a result it is reported that treatment is not necessary more than about one year in three or four. In this case, of course, the seed is taken from the crop grown from treated seed.



### FACTS ABOUT THE ANGLE LAMP.

Our readers have noticed the advertisements of the Angle Lamp in these columns. To say that this lamp is as far ahead of the common lamp as the common lamp is ahead of the tallow candle is not putting it strongly enough. Three or four tallow candles will make as much light as a common lamp, but you could not place enough candles on an ordinary table to produce the beautiful lighting effect that comes from one Angle lamp. There is "quality" in light just the same as in fabrics. Ordinary kerosene is used in the Angle lamp, but combustion is perfect, which is by no means the case in the common lamp. This being true, there is no odor and no smoke. The lamp itself and the use of it for a week or two is its own best advertisement, and the Angle Manufacturing Company, 80 Murray St., New York, will send one on trial free to responsible people. Read the advertisement on page 20 of last week's issue and send to the above address for catalog 33. Please mention this paper when you write.



## THE PROBLEM OF GRADING SEED CORN.

It may seem a little early to take up this subject, after all it will be only a few weeks until some of us will be sorting over our corn to get it ready for planting. The grading of corn has been given more attention during the last five years and it has been talked about more than during the quarter century previous to that time. This is because men are more particular today about their stand of corn than they were when land was cheap.

The modern corn grower's motto is, "To get a stand." Seeing that it is impracticable to drop the required number of kernels in each hill by hand, machinery must be resorted to, and up to date no one has been smart enough to invent a planter that will put the same number of grains in each hill if the seed is irregular in size and shape. The manufacturer of no planter would claim that this could be done.

There are two steps necessary in the grading of seed corn. In the first place, matters can be hastened a little by discarding the tips and butts, either by cutting off the ends with the hatchet or taking the time to shell them by hand. When this is done the grain is shelled, either by machine or by hand, and put through a so-called corn grader. The graders now on the market are of various designs—each one the best, of course, according to the word of the manufacturer, but all, so far as we know, designed to effectually screen out all small, exceedingly large or irregular kernels. If a grader will not do this it certainly falls short of the requirements.

If one has, say, twenty bushels of good seed corn and only sixteen bushels are needed for seed, nothing better can be done than to spend the time with a good grader to take out four bushels of the seed and thus get rid of all grain that would give trouble when placed in the planter boxes.

If corn is graded in this way it is not too much to expect of a good planter that it will drop the required number of kernels anywhere from eighty-five to ninety-five times out of one hundred. In other words, if the aim is to drop three kernels per hill a good planter with graded seed should drop three kernels at least eighty-five times out of every hundred, and we have seen instances where three kernels were dropped the field over ninety-five times out of every hundred. If good seed is used and one will give his crop this kind of a start there should be no complaint later on about not having a stand.

### Alfalfa Experiences.

To the Editor of The Homestead:

I remember, when a boy, hearing a man telling my father that a man down on the Republican river—Southern Nebraska—had sown a new and wonderful plant named alfalfa, and that on an alfalfa pasture with the addition of one ear of corn per hog per day he was raising hogs as big as a cow. That to my childish mind was a pretty "tall story." But in the light of subsequent experience I am almost ready to believe any big story I hear about alfalfa.

Soon after the incident referred to we sowed alfalfa and now handle three to four crops from seventy-five acres and have three pastures where the hogs do their own harvesting.

We find that by running them on alfalfa pasture and adding about 2 per cent of corn ration, that is two pounds of corn to 100 pounds of hog per day, we get a thrifty, vigorous and healthy shoit, strong in bone and muscle and large of frame, ready in the fall to go on a full feed of corn and finish in six weeks weighing from 250 pounds to 300 pounds in nine months at a far less cost than with any other feed known to the farmer. I cannot see where a farmer can make or hope to make any money feeding hogs on a straight corn diet.

In a general but indefinite way these things have been known a good while, but it is only in the last few years that farmers generally have come to recognize the exceptional value and to know why it is so valuable. A neighbor who perhaps had never heard of the balanced ration found that by feeding his fattening steers alfalfa instead of prairie hay for roughness, that he could make better and cheaper gain, the cattle being more thrifty and looking almost as sleek as though fed oil meal. So many found by experience, without knowing

The great advantage which accrues to the breeder of pedigreed live stock from "keeping everlastingly at it" with his advertising—in other words, from taking regular space and keeping his herd before the purchasing public, is well illustrated by the success of Mr. J. L. Barber, of Harlan, Iowa, in finding a market for the high-class product of his well-known West River stock farm, situated one mile west of Kirkman, Iowa. Mr. Barber is a regular advertiser in The Homestead, generally using a space of fourteen lines, or one inch. In three weeks recently, as the result entirely of his Homestead advertising, he sold \$1,335 worth of Chester White hogs. The business was all done on mail orders and the buyers represented the states of Iowa, Illinois, South Dakota and Colorado. Mr. Barber has sold since last fall eighty-seven male hogs and seventy-five sows. "The Homestead is now the only paper I use," he writes, "and that is enough. I say, hurrah for The Homestead!" The Harlan papers say that Mr. Barber has received many orders he cannot fill.

Mr. J. T. Scarff, breeder of Improved Chester White swine, Salem, Iowa, writes under date of February 17: "I have sold every hog through The Homestead for good prices."

Another breeder of Chester White swine who reports fine results from his advertising in The Homestead is Mr. W. H. Swan, of Atlantic, Iowa, who wrote recently: "My advertisement in The Homestead has brought me excellent results. It has been a real winner. I have only three animals left and think they are sold. Am more than pleased with the results and with your courteous treatment of me. Please accept my hearty thanks for both." This letter brings out the two cardinal points of Homestead service, viz., generous results and courteous and accommodating treatment of the advertiser. With its circulation of 100,000, concentrated mainly in the very heart of the great, rich corn belt, The Homestead can hardly fail to bring numerous customers to any breeder who has good pure-bred stock to sell. To say that it really has no rival in its field is no exaggeration. The Homestead has many thousand more circulation in Iowa alone than any other agricultural weekly published in Des Moines has in all the states of the union combined.

The Duroc Jerseys and the Poland Chinas have a good account to give of Homestead results, as well as the Chester Whites. Says Mr. Roy E. West of Churdan, Iowa, breeder of Duroc Jersey swine: "The Homestead brought me numerous buyers and sold all my boars at private sale at a good average price." And Mr. A. C. Lanham, of Battle Creek, Iowa, owner of the Premier herd of Poland Chinas, writes of most satisfactory results from The Homestead and adds: "Please accept my thanks, my congratulations to you on putting out the greatest paper of its kind on earth, and my best wishes for your abundant success."

"The Homestead has been a great salesmaker for us," write Messrs. Chandler Bros., of Kellerton, Iowa, proprietors of the famous Clover Hill flock of Shrop-

shire sheep, "hence we are obliged to ask you to change our advertisement. We have sold all the bred ewes which we can spare." This strong firm, whose annual importations from England's most noted flocks have given them a high reputation as prize-winners, enabling them to offer their customers leaders for size, type, quality and breeding, are excellent judges of the merits of advertising mediums, and their statement as to the value of The Homestead to breeders and importers of pure-bred sheep will be accepted as conclusive by intelligent buyers of publicity. The success of Messrs. Chandler Bros. is another evidence that it pays live stock advertisers to keep their cards standing in The Homestead all the year round.

Among scores of commendatory letters we have recently received from breeders whose sales have been successfully advertised in The Homestead is one from Mr. E. F. Rogers, of Union, Iowa, breeder of Percheron horses and proprietor of Sunset Hill farm. Mr. Rogers encloses draft in payment for his advertising and adds: "The Homestead was the paper that brought the inquiries. Many thanks." We are receiving so many assurances of this character from so many quarters that we feel justified in saying that no other paper devoted to the interests of farmers or breeders or both of them can compare with The Homestead as a medium for selling fine stock. The Homestead reaches more farmers and stockmen, and of a better class, than any other paper circulating in the middle West; and its supremacy as a medium for live stock advertising is not questioned by those who are familiar with the situation.

Of the many splendid, friendly letters we have received from breeders of Short-horn cattle, we can find room this week for only brief extracts from two. Dr. J. E. Guernsey, of Keosauqua, Iowa, declares the sensible conviction that "results are what count in advertising;" and goes on to say that he has sold all his Short-horn heifers, although he has some fine Duroc Jersey sows left, and adds: "I can recommend The Homestead for results to all who want to reach good buyers of fine stock." Messrs. A. J. Graves & Sons, proprietors of College View herd of Short-horn cattle at Ames, Iowa, write under date of February 18th: "We have had excellent results from our advertisement in The Homestead and are well pleased."

Poultry advertising has always been productive of extremely satisfactory results when placed in The Homestead; and the publisher's desk is heaped with glowing testimonials as to actual records of such results. "The Homestead has made lots of sales for us," writes Mr. J. H. Campbell, of Manning, Iowa, who advertises Barred Plymouth Rock cockerels and Mammoth Bronze turkeys. "The Homestead gave us grand results last season," writes Mr. W. S. Gregory, of Keota, Iowa, breeder of White Wyandotte chickens, and encloses an order for the present season, expressing the hope that it will do as well this year. With a circulation of 100,000 as against 75,000 a year ago, Mr. Gregory certainly ought not to be disappointed. We shall be disappointed if his results are not

better than ever before. Mr. O. J. Viland, of Slater, Iowa, placed an advertisement of Barred Rock cockerels in The Homestead in January and reports splendid results, inquiries coming by every mail. "I disposed of my stock in a short while," says Mr. Viland, "and have had to return orders after being sold out. I shall have occasion again this spring to use your columns in advertising for egg trade." Once an advertiser, always an advertiser, is the rule with Homestead patrons.

"I had fine results with my Homestead advertisement," writes Mr. J. C. Watts, proprietor of Cloverdale stock farm, Berwick, Iowa, whose specialties are Mammoth Bronze turkeys, Barred Plymouth Rock chickens and registered Poland China hogs. "I sold 200 cockerels and all but four of my fifty Mammoth Bronze turkeys, and I think I have enough inquiries to close those out."

Although his sale of Poland China hogs last month was held on a very bad day, with the mercury 10 or 15 degrees below zero, Mr. Ernest S. Babcock, of Manning, Iowa, writes us that he was well pleased with the results of his advertising in The Homestead, as it brought good men to the sale, and the average prices were very fair, considering the unfavorable weather conditions.

Mr. J. F. Stahl, of Altoona, Pa., is so well pleased with the Red Letter combination that he does not want to miss a number, and not only renews in advance of the expiration of his subscription, but sends the subscription of his neighbor, Mr. Joseph Brandt, along with his own. "Candidly," he writes, "I think this is the biggest value in reading matter that I have ever invested in; and I heartily wish long life and success to these publications." This eastern opinion is in exact agreement with thousands upon thousands of like favorable reports from western subscribers. We are in receipt of an enormous number of both renewals and new subscriptions; and with them come great numbers of friendly expressions, many of them accompanied by the subscriptions of neighbors, relatives and friends.

Have you noticed the growth of our department of classified advertising? The success of this attractive feature has been unparalleled in agricultural journalism. For five cents a word, we insert your classified advertisement in The Homestead, and give you the benefit, without additional charge, of inserting it at the same time in The Farmer and Stockman, of Kansas City, with 56,000 circulation, and The Wisconsin Farmer, of Madison, with 34,000 circulation, or 190,000 circulation in all. These papers reach the best farmers in Iowa, Illinois, Wisconsin, Minnesota, North and South Dakota, Nebraska, Missouri, Kansas and Oklahoma. No single insertion is accepted for less than \$1.20, even if less than twenty-four words. No display type or illustrations are admitted. Every number, abbreviation and initial letter, including your name and address, is counted as one word. To insure insertion, copy should be in our hands on or before Saturday of the preceding week. Terms, cash invariably with the order.

And then when you realize that the possibilities are more than doubled by a combination of hogs and alfalfa pasture, can you afford to be without it?

And then you cannot afford to be without it in your crop rotation to build up your land. Instead of a soil robber alfalfa is a soil renovator and soil enricher. The roots penetrate deeply, loosening the subsoil and by decaying add humus, but it is much more valuable for the needed and expensive supply of nitrogen that it adds to the soil which greatly benefits the succeeding crops. The most productive fields that I can conceive of are old alfalfa hog-pastures that have been broken up. Can you afford to be without it?

Keith county, Neb. H. D. Lute.

Experience, again, has proved that alfalfa hay fed to brood sows during the winter in lieu of about 25 per cent to 40 per cent of corn, gave a far cheaper maintenance ration, larger litters of lusty pigs, with no trouble at farrowing time and no danger of the sows eating the little fellows, as the sow will not be in the feverish condition that a heavy corn diet would put her.

If you can raise three to five tons per acre, worth \$8 to \$10 per ton, with no work or expense after the first year, except harvesting, can you afford to be without it?

Then when you realize that it will save you twice the amount of money in bran, oil meal or some other protein feed, can you afford to be without it?



## Farm Furrows

Turned by a Practical Farmer.

Present horse prices read like fiction.

Without faith in the future farming would be an impossibility. Nearly every operation which we attend to is largely at the mercy of the elements.

Those who fan their seed oats for the first time this year will find that a good fanning mill will discard from one-third to one-half of the grain in the bin.

Without either clover, alfalfa, pea hay or some leguminous forage for roughage the farmer is poorly equipped for handling sheep in the winter.

A few weeks ago we asked our readers, if they ever tried to write a Furrow, and one of them replied, "Does this look like a furrow? When a dozen eggs look like thirty cents it makes one sit up and take notice." This is one that passes without any harrowing.

Many of those who leave their wives and children at home to do the chores while they stay in town to discuss the child labor question and other national questions should study up on the duties of township trustee and school director so as to be able to fill the office if elected.

A great many people make the mistake of not beginning to smoke the summer meat supply soon enough. We like to get a good tan on the hams and shoulders before flies and warm weather come. Moreover, the meat tastes so much better in midsummer when it has had more time to cure.

It is a serious mistake to tie oneself up in business with his relatives. I have seen so many young men make the mistake of taking the bride home to the parental roof, and I rarely, if ever, have seen an instance where things turned out well. No roof is large enough to cover two families. Rely on your own resources and be independent, even though you haven't a dollar that you can call your own.

A short time ago the Furrows man stated that cold weather was hard on disease germs. A subscriber, Mr. C. O. Mell, calls our attention to the fact that freezing does not kill germs. He states that typhoid fever germs have been found active and virulent after having been frozen within a block of ice all winter. He asks every boy and girl to remember this fact before sucking a piece of ice in the summer.

After all, how exceedingly human legislators are! I am reminded of this by the conduct of the present Iowa legislature. When each man carried a pass in his pocket the Iowa legislature usually adjourned Friday night and met again Monday afternoon or possibly Tuesday morning. Now that each has to pay his railroad fare the wood-sawing continues until sun-down Saturday night and begins again right after breakfast Monday morning.

There is a great deal of sickness throughout the country at this time of year that to us seems absolutely needless. Why any person living in pure air, with an abundance of good food and clothing, should be sick is beyond my power to realize. Of course most of this sickness is due to the fact that people disregard the laws of health. Poor ventilation is one of the chief causes of debility, and not until country homes are better and more properly ventilated can

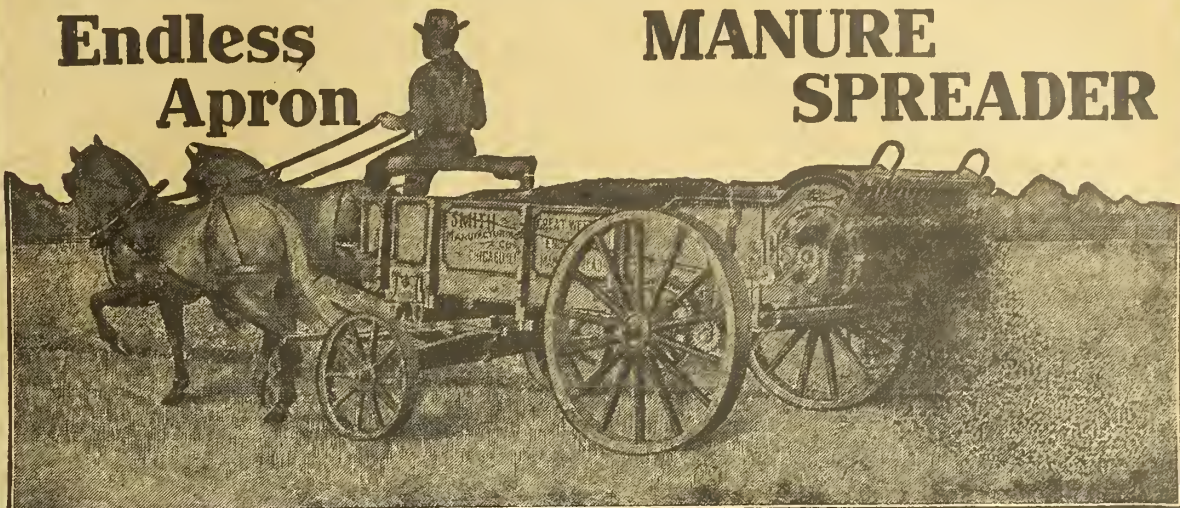
**Let Us Send You Our Book.**  
about good wheels and good wagons that will save you a lot of work and make you a lot of money—the **ELECTRIC STEEL WHEELS** and the **ELECTRIC HANDY WAGON.**  
By every test, they are the best. More than one and a quarter millions sold. Spokes united to the hub. Can't work loose. A set of our wheels will make your old wagon new. Catalogue free.  
**ELECTRIC WHEEL CO., Box 43, Quincy, Ills.**



# The Great Western

## Endless Apron

## MANURE SPREADER



### Made For the Man Who Wants the Best

**THE GREAT WESTERN ENDLESS APRON MANURE SPREADER** is absolutely guaranteed to stand up under **50% more strain** than any other spreader of same capacity, and to have less than one-half the breakage. The cost to build it is 10 to 15 per cent more than any other. Take its strength and durability into account, and it is by far the cheapest machine for you to buy

#### A Giant In Strength.

The extra strength and durability that we give in the Great Western costs us many thousands of dollars a year. It represents only a few dollars to you in the purchase price. When you are putting over \$100.00 into a machine a few dollars extra in cost is a small item, if for every dollar extra that you pay you receive \$5.00 in value. That is what we give you—and More Too. In fact, the difference in the price between the Great Western and the cheaper machines will be more than made up within a short time in repairs alone.

#### Strong, Oscillating Fifth Wheel

The fifth wheel is extra strong and heavy. It is 16 inches in diameter, made of malleable iron. It is braced both front and rear. The brace runs from the lower part of the fifth wheel to the lower part of the axle, so that there is positively no give either forward or backward. It is fastened absolutely stiff and rigid to the axle. It is oscillating so that if one wheel of the machine drops into a rut or dead furrow, the frame, body and working parts are not twisted out of shape. With non-yielding fifth wheel when one wheel drops into a rut or hole, the machine twists out of shape and causes friction and binding, and makes the machine run hard, and reduces the life more than half.

This is a very important point and is one of the reasons why the Great Western is of such easy draught. Every working part of this machine is always in line so that there is no undue friction or binding.

#### Double Oak Bolsters

Which support the front end of our machine, makes it almost as strong as a box car. There is absolutely no give or twist to it. With this construction it is not necessary for us to carry all of the load back of the front axle. The load is nearly equally balanced, both front and rear. On almost all other spreaders the entire load is carried back of the front axle, thus making the draught of the machine heavy, and giving you a front end that will invariably break and give trouble.

#### The Main Frame of Oak

Every stick of timber is the very toughest oak. The two side sills are 2 inches by 6 inches. There are four cross sills which are mortised into the main sills. The two middle sills which carry the center row of rollers run the full length and are securely fastened to both end cross sills and to each center cross sill. In addition to this, there are **Two Diagonal Wrought Iron Braces and Truss Rods** which hold the frame from skewing or twisting out of shape. This is by far the strongest and most substantial construction ever put onto a manure spreader, but as the

main frame is one of the most important features of the machine on account of its carrying all of the machinery, it is very important that it should be extra strong. This construction adds at least 50 per cent to the life of the machine. If this frame was made of pine or maple, and light material as some manure spreaders are made, the frame that carries the machinery would twist out of shape and cause the machine to go to pieces very soon. A few dollars added to the grade of the material and general construction, we consider of very great importance.

#### Durability All Over

Durability appears all over in the Great Western Spreader. Our whole energy and thought has been to see how good we could make it. We know absolutely that every part is equal to the duty required of it. The side-boards are one inch thick and are set on top of the side sills and securely screwed to the twelve upright oaken stakes of the main frame. The 75 rollers that carry the Great Western apron are closer together and are larger in diameter than are used on any other make of spreader. This is another reason why the Great Western is of such easy draught.

#### Our Famous Endless Apron

This is one continuous apron (not a half apron), therefore, is always ready to load. You don't have to drive a certain distance to pull it back into position after each load or wind it back by hand, nor are there any reverse gears, trips, springs or contraptions to get out of order; in fact, it is always ready to load; it is always up and out of the way of obstruction, as it does not extend below axle; spreads evenly from start to finish and cleans out perfectly.

#### The Hood and End Gate

This is one of the many valuable features of the Great Western Spreader. In its most valuable form it is practically exclusive in our machine. While loading and driving to the field it serves as an end gate and keeps manure away from the beater. It prevents choking and avoids the throwing out of a pile of manure at starting up, as some spreaders do, and it acts as a wind shield while spreading.

#### Go and Talk with Owners

You will find Great Western Spreaders at work in your locality. More are now being made and sold than any other spreader made. Just talk with some of the owners. They will tell you it is a spreader you can put your confidence in—that it is never found wanting in any way—that it is the strongest, the simplest, the most durable and the best spreader in every way on the market. There is no question but that it is your kind of machine. It is made for the man who wants the best.

Write us at any address given below.

**SMITH MANUFACTURING COMPANY,** 158 Harrison Street, Chicago, Illinois.  
1201 Leavenworth Street, Omaha, Neb. 1308 W. Eleventh Street, Kansas City, Mo.  
Fourth Ave. and Third St., Minneapolis, Minn.

they expect to escape the many little trivial colds, influenzas, etc., that happen about this time of year.

If there is anything better than two rows of evergreens for a windbreak it is more rows of evergreens.

A sheep never dies in debt to its owner. It will convert into wool and mutton much that would otherwise be wasted.

It often appears as if ordinary mortals derive more good from the fine buildings and homes that the rich erect than a great many of the rich do themselves.

If there is any trick more contemptible and low-down than throwing dead chickens, cats, dogs and other small domestic animals along the road we would like to be shown. A man must have lost all respect for himself and his fellow creatures when he stoops to such a base thing. Such an offense should be punished, for it is nothing less than

a criminal offense against the self-respect of any community.

At present a bunch of shoats are as interesting as a field of clover in the summer.

Kindness to all farm animals has cash value even if it does not take the place of feed.

If the ewes are weak at lambing time more or less trouble can be expected. Plenty of nitrogenous food and exercise will keep matters right.

Ten years ago the hired man used to hustle around and ask the farmer, "How much will you give me?" Now the farmer hustles around and asks, "How much will you take?"

We often wonder why so many farmers build such large, over-spacious houses. In a large family for a time it is pleasant to have plenty of room, but as soon as the older members leave there is not much pleasure in living in a big,

## JOIN THE UNITED STATES NAVY

**GOOD PAY,** with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentices seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.

lonesome, empty house. There is also a needless amount of work in keeping up the many unused parts.

Surgical operations on human beings are altogether too common nowadays. We wonder how soon it will be before some young fellow of a doctor will be practicing an operation for the grippe.

If boys forget the little odd chores occasionally don't be hard on them. We have known boys that were more faithful and thorough than a great many men. Too many fathers do not appreciate their own help until they are obliged to hire.



# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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PUBLISHED EVERY THURSDAY.

**SUBSCRIPTION RATES**—Single subscription, \$1 a year; ten copies one year, \$10, and an extra copy to get up a club. In clubs of one hundred or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance, \$3; ten years in advance, \$5. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send the old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## POSSIBILITIES OF ALFALFA.

We are of the opinion that men in every state of the corn belt should be a little more enthusiastic over the growing of alfalfa. It seems as though nature intended this crop to grow on land adapted to corn, because corn and alfalfa make an almost ideal balanced ration for horses, cattle, sheep and swine. It may even be utilized for poultry.

A case was called to our attention a short time ago where 250 pigs were brought through from spring until fall on a seventeen-acre alfalfa pasture. Of course they were fed a little corn in addition, but the man who raised these pigs claimed that by the time they were six months old he had at least \$3 profit on each pig. This means an item of \$750 realized from seventeen acres of land. In this case the man who owned the land did not think that he had done anything extraordinary, and expressed himself as believing that any man who knew how to handle hogs could do the same. As a pasture for hogs it is doubtful if alfalfa is excelled by any crop that grows out of the ground in the corn belt.

When it comes to the production of hay we have a little different proposition throughout a large part of the central West. The first crop and some-

times the second comes in at a time when the weather is very catchy, and as a rule good alfalfa hay is made with difficulty. At the same time when one considers the extreme richness of alfalfa hay it is worth the effort required to get a stand. Certainly one is not taking much risk by putting in a few acres if he will prepare the seed bed sensibly.

A bunch of steers now on feed at the Nebraska station are making daily gains each of 2.7 pounds and are being fed only fourteen pounds of corn each daily, in addition to roughage composed of equal parts of alfalfa and corn fodder. This is an exceedingly good gain, and men who have had experience in feeding cattle will see at once that the gain is being made on a cheap ration. When we consider that good corn land will produce all the way from three to five tons of good alfalfa hay a year, and when you can make gains like this on so small an amount of grain when fed in conjunction with alfalfa and corn stover, it becomes apparent at once that as a practical proposition alfalfa should be given a trial.

We know of instances where men failed repeatedly to get a good stand, and yet who have stood by it until they have succeeded, and these are among the strongest advocates of this great legume today.

## Short-horn Herd Book.

Vol. 67 of the American Short-horn Herd Book is now ready for distribution. It contains the pedigrees of bulls numbered from 257709 to 263114 and the pedigrees of 6,504 cows. The cost of the volume is \$3.00, at the office of the association or \$3.30 prepaid.

Vol. 68 is now in press and Vol. 69 has been closed and the current receipts of pedigrees are now being filed for Vol. 70. Make application for current volume to John W. Groves, Secretary, Union Stock Yards, Chicago, Ill.

## The Week In Kansas.

This is written at the beginning of duck weather. For two days wild ducks have been coming up from the South, coaxed on by a drizzling rain. The ponds and creeks are alive with them early in the mornings, and through the day they take toll from each farm by a visitation in the fields where some grain can be had.

We were just at the commencing of spring grain sowing when the change came. We have heard of one neighbor

**Used**  
**And Endorsed at**  
**42 Agricultural Colleges**

There is no other live stock remedy, none at all, mind you, that has proven so successful at all times for many years, as Zenoleum. It is used and recommended by the most prominent stockmen in the world. It does what we claim or money back. No other maker dares make such an offer.

**The Standard and Purest Coal-Tar Dip**

# ZENOLEUM

**Animal Dip and Disinfectant**


For Lice, Mange, Skin Troubles, Itch, Scours, Calf Cholera, Infectious Abortion, Sores, Wounds, Ring Worm and all Insect and Parasitic troubles. The sure and positively guaranteed remedy.

**At All Dealers**—Small size, 25 cents; Quart, 50 cents; Half gallon, 90 cents; One gallon, \$1.50; Five gallons, \$6.25—or we will deliver one gallon or more, charges paid, to your station. **Ask Your Dealer First.**

**Prize Steer Ruby Zenoleum, International College Champion**

**OUR GUARANTEE**

If Zenoleum is not all we say it is, or even what you think it ought to be, you can have your money back. No talk, no letters,—just money.



**64-PAGE BOOK FREE**

Veterinary Adviser sent free to you if you send us a postal card.

**Zenner Disinfectant Co.**  
131 Lafayette Ave.  
DETROIT, MICH.

having a field of speltz sown. There has been considerable plowing done where the land is naturally well drained, but that is about the sum and substance of the work that has been accomplished.

It seems that all the worry that some have burdened themselves with, over the winter wheat crop, has been just that much worry for nothing, as the spring weather of the past few days, and the warm showers, have brought out the wheat fields to a bright green color, making every wheat field a beauty spot on the landscape. In all our territory of observation we know of very few fields that do not promise well, these being the ones that were sown very late, on poorly prepared ground.

Stock is coming into the trying weather of spring in good shape. Rough feed has been in abundance. There is absolutely no excuse for poor stock this spring, and there is little of it. Stock cattle are scarce and cheap. No one wants the kind that will raise calves, because there has been no money in calf raising in the past half dozen years. Some day this will be changed, but the farmers have grown tired waiting for the change to come.

Of course there are those who are "afraid" this warm weather means the killing of the peach crop. They say the buds will be swelled, and a freeze in the month all but here will continue the possibility of getting a crop of peaches another season. It is not unlikely that some of these failure predictors would feel more disappointed if we have a peach crop this season than if we don't.

Tomorrow will be the first day of March. Most of the moving of renters and of those who have bought farms, has been done. The weather of the past two weeks has been fine for this, so advantage has been taken of it. This morning there is mist flying in the air, slanting southward, with a north breeze behind it. It is one of those damp, disagreeable days. It is duck weather. That is the best description of it we can give.

Henry Hatch.  
Coffey Co., Kan., Feb. 28, 1907.

## THE VALUE OF DIP TO THE FARMER AND STOCKMAN.

In spite of the fact that the immense loss annually caused to live stock interests by lice, mites, ticks and similar parasites has been frequently pointed out in the columns of the agricultural press, a further word along that line will not be amiss. No sane man would harbor a lot of wolves, foxes or other destructive animals on his premises, knowing that they were destroying or awaiting an opportunity to destroy the animals he was rearing, but did it ever occur to you, Mr. Farmer, that in neglecting to destroy the ticks, lice and disease germs which infest the live stock of the farm, you are pursuing exactly the same policy? These minute creatures annually cause the farmers of this great country millions of dollars of loss by their ravages on farm animals. If the farmer will but think a bit, all this loss is preventable at small cost and with comparatively little trouble.

\$21

**Farmers' Cement Machines**

These machines are complete and guaranteed to give satisfaction. UNITED CEMENT MACHINERY MFG. CO., 100 First National Bank Bldg., Waterloo, Iowa.

A dipping tank and a few dollars' worth of a good dip, taking little time and effort, will keep hogs or cattle free from lice of all kinds from one year's end to another. The saving of food alone, to say nothing of the animals' comfort, will in a short time pay for the expense involved. With the present high prices of farm lands and consequently the high price of feeding stuffs, no farmer can afford to harbor any insect or germ which will in any way interfere with the health and growth of his animals. As a matter of fact, a majority of diseases which are at present the dread of the live stock raiser, are directly traceable to the ravages of parasites which sap the life blood of the animal, or germs which weaken its constitution and make it more susceptible to disease. By the use of disinfectant fluids which may be brought into direct contact with these foes of the farm animal, it is possible to entirely destroy them and prevent the harm they would otherwise do. By their removal the danger of cholera, swine plague, tuberculosis and similar maladies is greatly decreased and it is possible to rear large herds successfully without any appearance of these troubles. This use of dip for this purpose is of invaluable assistance. The method is simple, and as before stated, the expense is small. The great advantage of dipping over other methods lies in the fact that every part of the animal's body is thoroughly disinfected. The application requires less time and works no injury to the animals, and is by far the best method where large numbers of animals are to be treated. On the average sized farm, a dipping tank, yards and draining pen can be installed at a cost of a few dollars. The expense for the fluid itself is comparatively slight when the great benefit derived from its use is considered, and there is no reason why any farmer should allow his stock to be bothered by the pests and his pocket-book to suffer in consequence. Dipoleum, the dip manufactured by the Marshall Oil Company, Marshalltown, Iowa, is a most effective and economical article for the purpose. It completely destroys all lice and vermin which infest live stock without doing the animals the slightest injury. On page 27 you will find their advertisement and it will pay you to look it up. We also urge you to send for their booklet and "Budget" of real letters from farmers, telling actual experiences in the treatment and cure of these pests, also how these farmers have stamped out cholera, how they have prevented it. The Marshall Oil Company will be pleased to furnish any further information in regard to their dip and dipping tanks. Address them at Marshalltown, Iowa, Dept. D3. Kindly mention this paper when writing.

Mr. James E. Stephenson, of Alburnett, Iowa, writes that he has five very choice Scotch-topped Short-horn huffs for sale, ranging in age from ten to twenty-four months. Very smooth, low down, thick-meated fellows. They are of good color and from heavy milking families, such as the Blossoms, Netherby and Rose of Sharon. See advertisement on page 43 and write him your wants or call on him.

## SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## HEALTH AND STRENGTH

OBTAINED FROM THE AIR YOU BREATHE  
Gained by a Deeply Scientific yet Simple Treatment with Oxygen from the Air

Positively no drugs or medicine, no dosing of the stomach—just the simple OXYDONOR treatment, the treatment that has cured thousands—the treatment that will cure YOU if you are willing to be cured.

## OXYDONOR

DOES AWAY WITH DRUGS AND MEDICINE.  
It acts on the new scientific principle which is now being endorsed by the best authorities in the world—the principle of instilling oxygen into the system.

OXYDONOR TREATMENT CARRIES THE VITAL FORCE OF ANIMATION INTO EVERY PULSE BEAT

and thus it is made to throw off any disease, causing the process of life to prevail. Oxydonor treatment does not work against nature (as drugs and medicines do), but it works with nature, and aids nature in restoring the natural vital forces of the human system. A new discovery in physical science has been applied by Dr. Sanche to the healing art.

ASTONISHING? HARD TO BELIEVE?

Not when you see the cures Oxydonor accomplishes. Investigate this—do not let doubts keep you from perfect health, life-giving strength. When the telephone, the phonograph and other modern wonders were invented, people doubted and denied. The truth was proven to them, as the truth of Oxydonor treatment is being proven today.

BEAR IN MIND THAT THIS OXYDONOR TREATMENT works on a newly applied physical law—vital animation—and is not a battery or electric treatment. OXYDONOR PAMPHLET FREE.

WE APPEAL TO THE INTELLIGENT THINKING PEOPLE.  
Many high-grade physicians recommend Oxydonor treatment in spite of the fact that it does away with the use of drugs—for Oxydonor can be applied without cost by any sick person in any house.

WE APPEAL TO ALL PEOPLE WHO WANT TO REASON THIS OUT.  
people who want to know about the correct method of curing disease without medicine, to send for the free Oxydonor pamphlet. It tells you how Oxydonor treatment operates; it cites case upon case of remarkable cures with Oxydonor. No obligation to purchase anything; we merely want you right now to send for the pamphlet and study it. You who need it—we want you to have it free. Write at once.

Case after case has been cured of Stomach Trouble, Rheumatism, Nervous Prostration, Insomnia, Kidney and Liver Trouble, Dropsy, Blood Diseases, Ulcers, Abscesses, Tumors, Scrofula, St. Vitus' Dance, Lung Diseases, Catarrh of Head, Throat or Stomach, Blood Poison, Appendicitis, Female Diseases, etc. HUNDREDS AND HUNDREDS OF CURED PEOPLE FROM ALL PARTS OF THE COUNTRY WRITE US LIKE THE FOLLOWING. READ WHAT THEY SAY:

George P. Goodale, Secretary Detroit Free Press, Writes:

I know of no other discovery whose value approaches Oxydonor. I have a sure conviction, founded on actual personal experience, that it is one of the greatest boons within human reach, and it seems to me the most important step toward healing human ills in 3,000 years.

Wm. Converse, Hancock, Iowa, Writes:  
I would not take \$1,000 for my Oxydonor and do without it; it cured me after the best medical skill in western Iowa failed.

Mrs. Sallie M. Hindsell, of Turner, Mo., Writes:

I was a total wreck when I procured your Oxydonor, having long suffered with curvature of the spine, stomach and heart trouble, rheumatism and various troubles, and I lived for 40 years on drugs and never knew what it was to be well or free from pain, but since using Oxydonor I scarcely know what pain or sickness is, and I have cured two cases with Oxydonor of St. Vitus' dance and one case of bone cysts of 40 years' standing.

The full history of above cases and scores of other remarkable cures given with our free book. Call or write for our free book and learn about this, the greatest of all healing methods.

DR. SANCHE OXYDONOR CO., ROOM 559, 67 WABASH AVE., CHICAGO, ILL.



W. W. Mitchell, of Wood River, Nebraska, Cured of Stomach Trouble after Doctors said there was no Hope, Writes:

I was advised to prepare myself for the Grim Reaper, and commenced to close up my business affairs. About this time I heard of the Oxydonor and I sent and got one, and I commenced to improve immediately, and in a few months I was as well as ever and have been healthy ever since, weighing now 195 pounds.

Dr. Thomas Clarkson, Lineville, Iowa, Writes:

I have been 33 years in the practice of medicine and have had very good success in my practice, but search all the materia medica, there is nothing to be found in the world to compare with the Oxydonor in the cure of disease.

Conrad Sauer, R. F. D. No. 2, Vinton, Ia., Writes:

Oxydonor is our family doctor. We use it with great success, and would not do without it at any price.



## Get the Paint You Pay For

The State of North Dakota has shown many of the paint mixtures on the market to contain worthless adulterants instead of the pure white Lead and Oil they should contain. There is no safe way for the farmer but to buy White Lead known to be pure, and secure perfect paint of any color, at least cost, by thinning with pure linseed oil.

## CARTER Strictly Pure White Lead

contains 92 per cent. Pure White Lead and 8 per cent. Pure Linseed Oil. Every atom is paint. Will spread better, cover more, look better and wear longer than any other paint in the world. Will never crack, scale or fade.

Our Booklet, "Pure Paint," exposes the fraud of selling clay and chalk for the price of paint, and tells how to test and detect adulterated lead. Sent FREE with six beautiful color schemes.

Address Dept. D.  
CARTER WHITE LEAD CO., Chicago, Ill.  
Factories: CHICAGO, OMAHA.

### MAKING GOOD LARD.

Lard is one of the absolute necessities on the average farm, yet there are a great many people who experience trouble in making a first-class product. Just as sure as the spring months come on there is more or less complaint regarding the poor keeping quality of the lard. The trouble seems to be that a very strong and penetrating odor is developed which gives a bad taste to meat or vegetables which are fried in the lard.

A conversation which we recently had with a man who is unusually clean about his butchering and who makes a large amount of lard every year, for his own use as well as a number of private customers, might interest a number of our readers. His plan is to keep the leaf lard separate from the intestinal lard. Both of these are tried out separately. He thinks that as a rule the fat is not cooked long enough to make it keep properly. He does not believe in hurrying the process of cooking, but let it continue for a number of hours until the small cubes of what originally was fat are reduced to nothing but a very much contracted piece of brown material. In straining the hot fat he uses eight or ten thicknesses of cheesecloth. This removes absolutely every bit of sediment. We found the lard at the bottom of his jars as white as that on the top. Whether the sediment has anything to do with giving the lard a bad odor was a question with him. However, he believed it paid to use every precaution possible to secure a good product.

While there is a good deal of opposition to lard as a food, the fact that it has been found indispensable in a great many homes should make people be still more careful in making it.

### The Seed Corn Problem.

To the Editor of The Homestead:

If conditions have not materially changed since I left the farm, it seems to me that the seed corn problem, which is being so liberally discussed through the agricultural papers of late, is one of easy solution.

I farmed for myself from the time I was twenty-three until I was forty, and during all those years I do not remember of having to replant an acre of corn on account of bad seed, nor do I remember of ever having failed to put up my seed in the fall.

My plan of saving seed corn was simply this: As soon as husks began to get brown and the kernels pretty well hardened up, say about the last days of August or the first of September, I would go into the field with a bushel basket and gather out such ears as I thought desirable for seed, leaving enough husk fastened to each ear to tie two ears together. I would then hang them across poles in some place where they would be under shelter and in the open air. If it happened to be a dry time, I would usually hang it in the barn, but if it was wet and the corn seemed not to be drying out right, I would hang it in an old open smoke-house that I kept largely for that purpose, and keep fire under it until it was thoroughly dried out. The best way to manage the fire is to have a couple of large sticks of good solid wood that will hold fire for a day or two. There is not much danger of getting the corn too hot.

When I wanted to take it down, which was sometimes not until spring, I would shell and put it in any dry place where it was secure from rats and mice. A few times when the corn was late and did not ripen properly, I have put a handful in a box of dirt and tested it, but usually I paid no attention to it until planting time and never felt at all uneasy about it.

In this way I could put up my seed corn in one-half the time it would have taken to pick it out of a crib at planting time, and then I had the satisfaction of knowing that I would have a stand, if it were not molested. The last years that I farmed I fire-dried my seed every fall and thought it paid me well, because of the stronger growth and greater freedom from the ravages of worms.

I think about nine-tenths of the bad seed is made so by letting it heat soon after being gathered. It takes quite a bit of artificial heat to kill seed corn, but if piled up while sappy and allowed to heat the least bit, it is ruined.

After having left the farm and gone into other business, I remember having seen two of our best farmers drive into town and tie up shortly after noon, hav-



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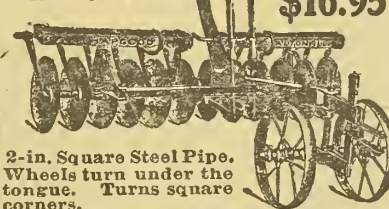
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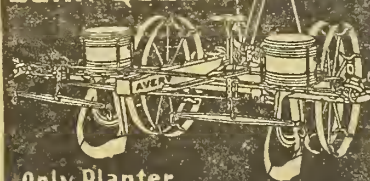
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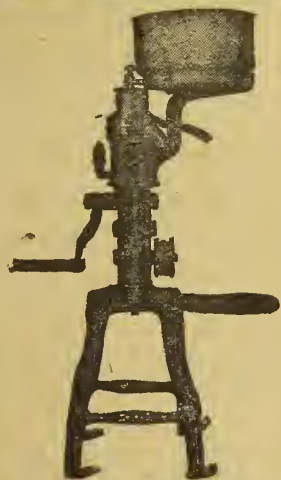
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Use no Planter that cannot give both perfectly as they are equally vital. At proper depth corn comes quickly and evenly, allowing early cultivation.

## THE AVERY

Combined "single grain" and "Full Hill" Drop having plenty of plates, drops mixed or selected seed perfectly. It will pay you to have our new catalog H of Wagons, Farm & Threshing Machinery.

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See the many points of superiority it has over all other makes.

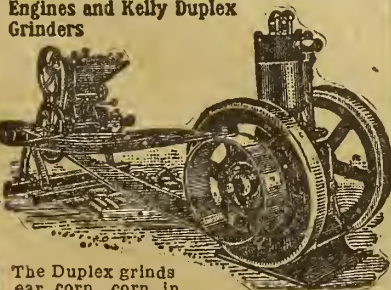
The Peerless has a combination hollow and disc bowl. This one feature alone means a saving of the price of the machine over other standard makes.

You cannot afford to use a cheap separator if you can get one for nothing. Write for Special Catalog No. 9.

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## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

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ROBES

Should have a good fur coat and robe. Send us your horse and cattle hides and we will make you a coat or robe that will always be soft, pliable, wind, water and moth proof. Quality of work considered, our prices are the lowest.

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They are valuable  
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to unreliable tanners. We are the oldest, the largest and most reliable tanners in the Northwest. Write us for price list. J. H. Cowrie Glove Co., Des Moines, Iowa

ing the bottom boxes of their wagons about two-thirds full of very fine seed corn. It was early in the fall and a very warm day. They let their wagons stand there in the hot sun until about 4 o'clock. I told my daughter, who was with me at the time, that those men would have their corn to plant over the next spring and that we would make a note of the circumstance and see how they came out. Sure enough, they had it every bit to plant over.

I suppose a majority of the farmers pick their seed and lay it up on slats in the barn while they are cribbing. This is better than not to pick until spring, and does fairly well if care is taken not to have the ears touch. However, if I were farming I would rather pay a man \$10 a day to put up my seed in the way I have indicated than to risk any other. Another advantage I think I can see in my plan of saving seed corn is this: I get not only the largest and best ears, but the earliest maturing as well, and this last is no small matter.

My advice to every corn raiser would be to pick his seed from the field early and dry it out immediately over a wood fire, and then he need never lie awake nights wondering if he will have his corn to plant over. J. M. Watkins.

Marion county, Iowa.

### S. P. Briggs' Sale.

Mr. S. P. Briggs, of Seward, Neb., held a very successful sale of Durocs on February 20th, in which he sold thirty-six head at an average of \$60. The offering was in the very best of breeding condition and the best stuff was stubbornly fought for. The top was \$207.50, paid for No. 1 in catalog, a daughter of Proud Advance, that was surely a good one, she going to Mr. D. A. Retticker, of Milford, Neb. List of sales of \$40 and over follows:

Lot.	Price.
1. D. A. Retticker, Milford, Neb.	\$207.50
2. J. Morgan, Seward, Neb.	47.50
3. V. A. Briggs, Aurora, Neb.	57.50
4. Tom Lockett, Tamara, Neb.	100.00
5. Con McCarthy, Henderson, Neb.	125.00
6. J. Morgan	100.00

8. M. Tillma, David City, Neb.	67.50
10. V. A. Briggs	40.00
12. Henry Bock, David City, Neb.	55.00
13. Henry Moore, Seward, Neb.	46.00
14. Fred Paine, Milford, Neb.	60.00
15. John Bain, Milford, Neb.	59.00
16. John Gillian, Seward, Neb.	40.00
17. Horace Watson, Utica, Neb.	61.00
18. Joe Higbee, David City, Neb.	66.00
21. F. C. Crocker, Filley, Neb.	50.00
24. L. Apple, Aurora, Neb.	41.00
25. Mile Mutingar, Seward, Neb.	50.00
26. F. C. Crocker	48.00
27. Henry Moore	48.00
28. Tom Lockett, Seward, Neb.	50.00
29. R. T. Young, Auburn, Neb.	50.00
30. H. Wolvin, Utica, Neb.	50.00
31. V. A. Briggs	50.00
34. John Muchinger, Seward, Neb.	42.00
35. F. C. Crocker	46.00
36. D. P. O'Neal, Seward, Neb.	50.00

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PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 50c



### "Working Out" the Road Taxes.

To the Editor of The Homestead:

In view of the fact that so much progress has been made during the past year in road improvement, it is to be hoped that no serious change will be made in the present laws. During the last session of the Iowa general assembly several bills contemplating a return to the old labor tax method of working the roads never left the committee rooms, and the uniform success of the money tax system during the past year has been such that surely a quietus has been placed on the old system for all time.

The passage of such a bill now would mean a most discouraging backward step, as it is entirely contrary to the trend of the road legislation of the past four or five years, and would put a serious stumbling block in the way of further progress.


It might be argued that the bill now pending is hedged about with the provision that to be effective in a township a petition of two-thirds of the voters must first be filed, but it would be a comparatively easy matter for a few dissatisfied men to have a petition signed by two-thirds of the voters in a township even in the localities where splendid work is being done under the present system. This provision has the semblance, but lacks the inherent strength of a safeguard. The attempt is constantly being made to interest the highway commission in petty neighbor quarrels apparently over the road work, but really over some little personal grievance against the road superintendent. In these cases, were such a statute in force, a petition would soon be started to go back to the old labor tax system. But this is only one of the many conditions which exist in many townships that would bring into being such a petition.

There is no call in a state as uniform as Iowa to have road laws passed for the whole state that are the outgrowth of local conditions in a few counties or townships and meant to be applicable only to these. Such laws would soon result in a distressing non-uniformity of road building and maintenance within the limits of each county.

As the law now stands four superintendents can be appointed in each township. The average road tax available per township is not far from \$1,200. Divide this amount into four parts and each district will have \$300 to expend besides the poll tax. In the rolling districts of the state, \$300 will grade one mile of road in fairly good shape and take care of the small culverts necessary. In the more level districts the same amount will grade one and a half to two miles of road. These amounts are not given as the cost for the mere scratching of the surface with a road machine, but for putting up good grades such as have been built in the southern part of Carroll county or in Dallas county, and these figures are furnished from actual work done in these counties. It is not to be hoped, however, that with four superintendents in a township each one will content himself with building one or two miles of well graded roads, but will attempt to make it go further than this and thus secure no fairly permanent improvement. The road machinery of each district is used perhaps ten to twenty days during the year and the rest of the time lies idle, notwithstanding that its value in most cases amounts to more than the entire road tax for any one year. This condition of affairs is bad enough and so it is hard to understand why anyone would wish to divide the townships into more than four districts. In direct contrast to this policy of division is the consolidation of not only each township into one road district, but practically the whole county into one road district, as has been done in Dallas county.

At a meeting held at Adel on the 15th inst., the county supervisors and township trustees indorsed and voted to continue the policy of doing the road work with regularly organized county road gangs, after six years' trial of this plan. In 1906 one gang built thirty miles of road and the results are so satisfactory that a second gang will be started this year. This will do away with most of the township work as both the county and township road funds will be needed to support the two gangs.

The 1907 Report of the Highway Commission says, "The most encouraging feature of the work during the past year has been the entrance of young men into



**I TOLD YOU SO!**

**"Cobalt Mutual" Advanced 40% in Price on February 20th**

**COBALT**

**The Block of Stock Offered at 25c Was Greatly Over Subscribed**

—and NOW comes another opportunity to buy "Cobalt Mutual" at 35c—and get the advantage of another 40% advance in price—for on April 25th "Cobalt Mutual" will GO UP again. If you lost the chance of buying at 25c—you should not NOW lose the chance to buy at 35c. "Cobalt Mutual" will go to 50c a share at least on or before April 25th, 1907.

Don't forget that I predicted that this stock would advance 40% on February 20th. IT DID.

Don't forget that I predict that it will advance 40% again—that it will go to 50c a share on April 25th. IT WILL.

**W. V. Coons**  
PRESIDENT.

**W. V. COONS & CO.**  
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Bond Dept. A6  
Williamson Bldg., Cleveland, O.

References: Any Bank Anywhere, or Dun's or Bradstreet's.

Write Us TODAY for Special Report and free stockpin of Cobalt Ore. For a limited time we will send to everyone who writes, giving their business or occupation, a sample of Cobalt Silver Ore, mounted in an attractive stockpin. One will be sent YOU if you write at once before the supply is exhausted.

### Cobalt Ores of Great Value

Here is the actual value of ores taken from a few of the Cobalt mines:

LaRose mine ores run \$60,000 to the carload.	Trathewy mine ores run \$48,000 to the carload.
Jacobs mine ores run \$60,000 to the carload.	Silver Queen mine ores run \$42,000 to the carload.
Foster mine ores run \$54,000 to the carload.	Drummond mine ores run \$36,000 to the carload.
Nipissing mine ores run \$51,000 to the carload.	Nova Scotia mine ores run \$37,000 to the carload.
University mine ores run \$45,000 to the carload.	

There is every reason to believe that our five tracts covering 560 acres will be as productive as any others in the entire Cobalt mining district.

the field of highway improvement. This is absolutely the essential factor and the more encouragement and headway we can make in this direction, the sooner we will obtain better results generally in the work." We do not wish to destroy the incentive for young men to take up the serious study of road improvement. This is the only way by which it can be raised to the plane on which it belongs.

"That we are not making any improvement under the money tax system, as has been inferred or charged by some of the opponents of this system, is simply not true. We are making an improvement and a marked improvement in almost every section of the state, but the greatest factor which is hindering the development is the personal equation—the personal equation of the old-time road builder whose knowledge and methods have come down to him through a long line of predecessors, and the personal equation of the community that scoffs at the man who attempts to introduce new methods and new ideas into

## Another Chance To Make 40% On Your Money

ONE month ago I invited you to join me in making a fortune on "Cobalt Mutual" Stock.

I told you that the price would advance 40% on February 20th.

My prediction came true.

Subscriptions for this stock were received from all over the country, from business men, bankers, lawyers, professional men, everyone. The public recognized the fact that the Cobalt Mutual Mines Company was different from any mining proposition ever put before it. It recognized the stability of the men behind the enterprise. It recognized the fact that "Cobalt Mutual" was being handled along business lines—that the men interested in the enterprise had gone into it with the same determination to make a big success for the stockholders that they would have in going into any manufacturing or other enterprise.

### Work Being Pushed—Machinery Being Installed

Crews of miners and engineers are now at work night and day, double shifts, opening up the ground—and work will be pushed even more vigorously after the opening up of Spring.

We are going to have a great big proposition in COBALT—we're not going to stop at little achievements. We have the mineral land to develop—that's our stock-in-trade—a big acreage of rich mineral ground in the heart of the COBALT district. The Cobalt Mutual Mines Company is not basing its future prosperity on a 20-acre tract of land—it has

### 560 Acres

—enough land to keep us mining on a big scale for a generation.

When the President of our Company, Mr. W. V. Coons, returned from a long visit of inspection of Cobalt, he had this to say: I saw

### Nuggets of Silver

eighty to ninety per cent pure, weighing 300 to 400 pounds. I saw many carloads of ore running from \$30,000.00 to \$60,000.00 and one car of picked ore that actually sold for \$90,000.00. The whole region seems to be one vast rock covered with a thin skin of earth, filled with mineral deposits. In places the rock crops out of the top, and shows the silver veins of almost pure silver so rich that you can see the metal shine as though the rock were plated with it. I examined the entire region, saw the miners at work, talked with conservative men whose experience, ability and recognized standing placed them in a position to give me unbiased advice—and then I made up my mind that Cobalt offered the greatest chance in the history of mining for a great big, well-conducted, business methods mines company to make a vast amount of money.

Our stockholders—directors—and officers are all enthusiastic about the prospects of "Cobalt Mutual." Old stockholders are subscribing for more of the stock—taking every share that they can carry.

Now why don't you look us up—why not find out the responsibility of the men behind this enterprise? You can ask any bank anywhere of the standing of W. V. Coons & Co., of Cleveland—or look us up in any of the commercial agency books. Then decide. We invite the most careful investigation.

As soon as the weather permits we are going to invite our stockholders to take a trip to COBALT—and see for themselves, just the same as the President and some of our stockholders have seen, the great holdings of the Cobalt Mutual Mines Company.

Will you go up as a stockholder at 35 cents a share, or will you wait until it's too late to take advantage of this next raise in price and pay 50 cents a share for "Cobalt Mutual"? You'll surely buy if you go to COBALT and see our proposition.

### Installment—Payment—Plan

To accommodate numerous investors who have requested it, we have decided to accept monthly payments on "Cobalt Mutual" stock as follows:

25% of the total subscription with order—the balance in four equal monthly payments drawing 6% interest.

### Cobalt is Truly the Field of Fortune

You are going to be interested in COBALT some time. There's going to be a rush into that mining district the like of which the country has never before experienced. Will you join in the enterprise NOW—or wait until the price is much higher and thereby lose the increase in the price of stock?

### Directors and Officers

The officials of the company are all well and favorably known, and are men of substance, character and standing in the community. An investigation will reveal to any investor the fact that the directors and officers are eminently reliable and can be depended upon to conduct the affairs of the company fairly and honestly.

#### OFFICERS

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ISAAC DAVIS, Vice-President.  
FRED EDWARDS, Sec'y and Treas.

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FRANK C. CAIN, Cleveland, O., President National Concrete Fireproofing Co.  
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R. W. HARRIS, Streator Ill., General Manager The Illinois Light & Traction Co.  
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J. M. BARR, Findlay, O., President The Producers Company.  
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JAMES B. HOGE, Cleveland, O., Secretary United States Telephone Company.  
FRED EDWARDS, Cleveland, O.

the road or bridge work. When these can be eliminated, if such is possible, a long step will have been made toward the end sought."

There are certain changes in the road laws that could profitably be made, but the Highway Commission has recommended only two of these this year. It has recommended that the county road fund be increased by one mill, making it two mills in place of one as heretofore, and decreasing the township road tax by a like amount. This is to secure a more centralized and better systematized administration of the road funds. That such a plan would prove successful has already been demonstrated in Dallas county. The second change recommended is an act substituting a county engineer, appointed by the board of supervisors or elected by the people to hold office as long as competent and satisfactory service is rendered, for the present county surveyors. Such an engineer would have general direction of the bridge and road work under supervision of the board of supervisors, and

be held responsible for carrying out the plans adopted, and the contracts made by the board of supervisors. The success of such a plan as this has already been demonstrated in Lee county.

The whole tendency of modern legislation is toward more centralized forms of administration, and the securing of competent men and trained outfits to do the actual work. By dividing the resources into many parts, the strength of the whole is lost.

Thos. H. MacDonald,  
Iowa Highway Com., Ames, Iowa.

### Only One "BROMO QUININE"

That is LAXATIVE BROMO QUININE. Similarly named remedies sometimes deceive. The first and original Cold Tablet is a WHITE PACKAGE with black and red lettering, and bears the signature of J. W. GROVE, E. 25c.

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Daily during March and April, the Minneapolis & St. Louis R. R. will sell one-way excursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.



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## PLYMOUTH ROCKS.

EGGS for hatching, Barred Plymouth Rocks exclusively. Guaranteed fresh, fertile and true to name, 25 years experience, matings better than ever this season, satisfaction guaranteed, prices low, circular free. H. M. Jones Co., Graceland Farm, Berwick, Iowa. Shipping point Des Moines, all express companies.

**BARRED PLYMOUTH ROCKS.** Hawkins, Felch and Thompson strains, won first again at Wilton fair, 1906, largest poultry show ever at Wilton, Shellharbour Judge. 30 eggs \$1.50, 50 for \$2.25, 100 for \$4.00. Mrs. Minnie Leiker, R. 3, Wilton Junction, Iowa.

**STOUT'S** Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

**FOSTER'S** Barred Rocks clean the platter at Southern Iowa Poultry Show. If you want to win buy eggs from stock scoring to 92. One dollar per sitting, five dollars per hundred. Write for circular. Albert Foster, Russell, Iowa.

**HIGH** scoring Barred Plymouth Rocks. My hens score from 90 to 94½ by Judge Wales of Kansas City, Mo. Eggs for hatching \$1.50 for 15. Mrs. A. S. Lambert, Route 3, Box 39, Brownling, Mo.

**THE TWO HUNDRED** egg birds, White Plymouth Rocks, eggs two-fifty for 15. Rhode Island Red eggs, three dollars for 15. Myers' Poultry and Truck Ranch, Route 1, Perry, Iowa.

**EMMA SWAGGART**, Ellsworth, Iowa, is selling large, vigorous pure bred Barred Plymouth Rocks at very reasonable prices. Score cards if desired. Write your wants.

**WHITE PLYMOUTH ROCKS.** Eggs, 15 for \$1.00. Bred right and handled right. Member American White Plymouth Rock Club. W. H. Anderson, Oneida, Ill.

**MITCHELL'S** White Plymouth Rocks, the business strain, choice bunch, great big birds; \$1 each for March. Mitchell Bros., Valley Falls, Kansas.

**75 BARRED** Plymouth Rock cockerels for sale, nicely barred and with large bone. Prices reasonable. L. M. Churchill, Fairmount, Iowa.

**WHITE** Plymouth Rocks, cockerels \$1.50 each, pullets \$1.00 each or \$10.00 per dozen, Mishel strain. Mrs. B. Treloar, Osgood, Iowa.

**BARRED ROCK** eggs from exhibition matings, \$2.00 and \$3.00 per sitting. A. Larimer, Winterset, Ia.

**ROCKS**—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

## RHODE ISLAND REDS.

**EGGS**, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show. \$2 for 15. C. A. Kenworthy, Oskaloosa, Iowa.

**SINGLE** Comb Rhode Island Red eggs for hatching. Prices reasonable. Write, Inez Anderson, Engleview, Missouri.

**G. WEISER**, Humboldt, Iowa, breeder Rhode Island Reds. Eggs, six dollars hundred. Cockerels, price reasonable.

**GRAND** Rose Comb Reds, eggs \$1 up. Ben Russell, Lamoni, Iowa.

## MINORCAS.

**S. C. BLACK** Minorcas, best of layers, hardy non-sitters. Eggs \$1.50 per 15. A few good cockerels at \$1.50. Geo. H. Blackburn, Dunbarton, Wis.

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**LIGHT** BRAHMAS exclusively, cockerels for sale, eggs for hatching. For prices address, F. J. Davis, Monitron, Iowa.

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**SINGLE** Comb Brown Leghorns, winners at the late New London show, four firsts out of five, Russell, judge. Eggs, this season pens, \$2.00 per 15; range flock, \$1.00 for thirty; \$3.00 per hundred. Asa Anderson, New London, Iowa.

**ROSE** Comb Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazeldeh Poultry Farm, Chas. Lyman, Clarinda, Iowa.

**LEGHORNS**, Single Comb White, exclusively. Eggs for hatching, breeding and prices right. Write for descriptive circular. I guarantee satisfaction. H. M. Humphrey, Lake City, Iowa.

**ROSE** Comb Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

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**PURE BRED** Rose Comb White Leghorns, pullets only, 75 cents each, \$8.00 per dozen. S. A. Linn, Independence, Iowa.

**SINGLE** Comb White Leghorns exclusively. Write A. H. Hyarlay, Clay Center, Kansas.

## DUCKS.

**LOUEN** DUCKS, farm raised, healthy drakes, \$1.25, ducks, \$1.00. Address, H. A. Piatt, Dows, Ia.

## DOGS.

**SCOTCH COLLIE** DOGS—Puppies from best imported strains. Write for our new catalog. Several good studs at service. Geo. T. Underhill, Knoxville, Iowa.

**PEDIGREED** Scotch Collies for sale at reasonable prices. John Fagan, Cumming, Iowa.

## HOGS.

**25 POLAND CHINA** bred gilts for sale. Weight 250 to 295 lbs.; everyone guaranteed. Joseph Bouska, Route 2, Calmar, Iowa.

**BRED** BERKSHIRE sows for April and May farrow. Write for prices to Wm. Utech, Route 10, Le Mars, Iowa.

## WYANDOTTES.

**WHITE WYANDOTTES**, three entries, Chicago 1906, won first pullet, second cockerel; three entries, 1907, first pullet, second and third cockerel. Write for circular. W. E. Fowler, Route 2, Rochelle, Ill.

**WYANDOTTES**, White and Silver Laced, 100 choice cockerels and pullets, bred for show, size and the 200 egg per year hen. They go at a bargain. Mrs. A. A. Berry, Route 4, Clarinda, Iowa.

**BURD'S** Business Breed, White Wyandotte winners, cockerels, \$2.00, \$5.00. Eggs, \$1.00, \$2.00 and \$3.00 per 15; \$5.00 per 100. Folder free. Maple Dell Farm, Route 4, Lee, Ill.

**EGGS** from White Quill strain Wyandottes, prize pen Indiana and Winterset poultry shows, score 189 5-8, \$3 per sitting. T. F. Wilhelm, Winterset, Ia.

**SILVER LACED** Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

**GOLDEN** Wyandotte cockerels for sale, pure bred, farm raised. Eggs in season, also Buff Cochins eggs. Write for prices. John C. Peterson, Ogden, Ia.

**SILVER LACED** Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

## ORPINGTONS.

**BUFF** Orpingtons, Single and Rose Comb, few choice eggs, \$2.00 per 15. Pure Indian Runner ducks, 13 eggs \$1.00. Anna Pratt, Beaver Crossing, Nebraska.

**GRAND** Single Comb Buffs, eggs \$1 up. Ben Russell, Lamoni, Iowa.

## LANGSHANS.

**BLACK** Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

**BLACK** Langshans, Rose Comb Brown Leghorn eggs, 20 one dollar. Mary McCaul, Elk City, Kan.

## MISCELLANEOUS POULTRY.

**MAMMOTI** Bronze turkeys and Silver Laced Wyandottes exclusively. Book your orders early for eggs. Turkey eggs 50c each, from descendants of 42 and 48 lb. toms, scoring 97 points. Five grand yards of Silvers at \$3 per 15; \$5 per 30; headed by 93 and 38½ point males. Circular free. Mrs. E. A. Creel, Route 2, Carrollton, Mo.

**IRA GREGORY**, originator famous Yellowshrike strain Barred Plymouth Rocks, Bronze turkeys, Pekin ducks. Twenty years reliable and winning kind. Breeders and eggs for sale. Ira Gregory, Box P. 1, Lexington, Ill.

**EGGS** for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

**NEW** 40-page catalog, 2c. If you are looking for the beautiful stock I have them at a very low price. Geese, ducks, turkeys, guinea, pea fowls, chickens. F. J. Damann, Farmington, Minn.

**EGGS** for hatching and stock for sale. Single and Rose Comb White and Brown Leghorns and Black Minorcas, blue bred, layers of large size. Mrs. Emma A. Hoyt, Whitewater, Wis.

**TWENTY-FIVE** breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Mapleton, Minn.

**EGGS** booked for spring delivery from our Toulouse geese and Pekin ducks. Geese eggs 20c each, duck \$1.50 per 11. J. O. Walton, Belle Plain, Iowa.

**FOR SALE**—Good laying strain, Buff Rocks and Rhode Island Reds. Prices reasonable. J. J. Peterson, Route 1, Garvin, Iowa.

**FOR SALE**—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Alledo, Ill.

## TURKEYS.

**77 MAMMOTI** White Holland turkeys. Write, Mary Culver, Route 1, King City, Mo.

## PIGEONS.

**THOROUGHBRED** Homer Pigeons for sale; any quantity. M. H. Keeler, Sabetha, Kan.

## HORSES.

**FOR SALE**, handsome stallion, standard registered, 16 hands, by producing son of Red Wilkes, sure footed, no faults, never trained, but speedy trotter, \$350. O. P. Updegraff, Topeka, Kansas.

**FOR SALE**—Registered black Percheron Stallion, age seven, weight 1650, good individual, sound, plenty of bone, broke to work and drive. Geo. F. Antfuhrer, Austin, Minnesota.

**FOR SALE** at a bargain or will trade for young horses or cattle, three young jacks and one jennet. Address, J. Burkholder, Mount Sterling, Iowa.

**FOUR** Percheron Stallions for sale. L. C. Barnett, Indianapolis, Iowa.

## HORTICULTURE.

**FOR SALE**—175 black walnut trees varying from 15 to 30 inches in diameter at butt, also 9 Bronze tom turkeys weighing from 22 to 30 lbs. and 20 Barred Rock cockerels weighing up to 10 lbs., same scored. M. V. Leeper, Redfield, Iowa.

**SEED** CORN. Oats and Clover Seed. Only stock from heaviest yielding varieties offered for seed. Satisfaction guaranteed or money refunded. Illustrated catalog free. Oaklawn Seed Farm, Box 22, Chatham, Ill.

**FOUR HUNDRED** strawberry plants, \$1.00, in three choice varieties. Fruit trees, vines and small fruits at fair prices. Catalog free. John F. Dayton, Box A, Waukon, Iowa.

**STRAWBERRY** PLANTS—75 varieties; catalog telling how to grow them, sent free. D. McNallie Co., Sarcoxie, Mo.

**STRAWBERRIES**, four hundred strong plants, choice varieties, one dollar. James Molloy, Albion, Ia.

## CATTLE.

**RED POLLED CATTLE.** Special prices for 30 days on good cows and heifers, bred. Write for booklet and particulars. O. P. Russ, Ravenwood, Missouri.

**SHORT-HORN** bull for sale. I now offer my herd bull, Gloster's King 212203. Write for pedigree and price. F. T. Allen, Stanberry, Mo.

## MILL FEED.

**MILL FEED**—For best quality and lowest prices mill feed, oilseed, cottonseed meal, alfalfa feeds, etc., write Des Moines Flour & Feed Co., Des Moines, Iowa.

## PATENT ATTORNEYS.

**ORWIG & LANE**, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

**ROE & ROE**, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

**G. C. KENNEDY**, Patent attorney, Waterloo, Ia. Write for booklet.

## SONGS.

**"IOWA, BEAUTIFUL LAND"** and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## AGENTS WANTED.

**AGENTS WANTED**, in every town and on every rural route to sell Crippen's Compound for Rheumatism. The Little Dose big Recent Remedy for Rheumatism, Kidney and Bladder diseases retails at \$1.00 per bottle. Liberal profits to agent. Guaranteed to conform to Pure Food and Drug Act June 30, 1906, guaranty No. 540. Address, The Crippen Medicine Co., No. 202 Reese Bldg., Wichita, Kansas.

**EVERYBODY—YOU**—Would you refuse good, steady, sure income? Big profits, regular or extra employment, men, women, easy work, everything everybody wants. Represent us, write today. C. National Co-operative Co., Washington, D. C.

**FARMER** Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

**REPRESENTATIVE** in every county. Fast selling article. Commissions \$75 to \$200 monthly. Standard Scenic Co., Kansas City, Mo.

## WANTED.

**WANTED**—Two milkers, no farm work, \$40.00, room and board. Two farmers, no milking, \$35.00, room and board. One experienced wagon man, must understand Sharples separator, no milking, married or single, \$40.00. One woman cook, 10 to 15 men, city conveniences in house, \$30.00. H. C. Burgess, Box 846, Helena, Montana.

## BUSINESS CHANCES.

**ARE YOU SATISFIED** with what you are earning? Do you wish to make more? My book tells you 150 different ways how. Write today for particulars. A. Barrett, 304 Market St., St. Louis, Mo.

## REAL ESTATE.

**960 ACRE STOCK FARM** near Armour's new \$5,000,000 plant, Minneapolis, Minn. 400 acres black loam blue joint bottom land, every foot tillable and cut with machine, 250 acres cultivated land, 300 acres fine timber pasture, stock buildings for 400 head. Not a foot waste land, price only \$38 per acre. Write for plat and photographs. A. K. Hammond, Security Bank Building, Minneapolis, Minn.

**HERE IS A SNAP, MUST BE SOLD.** California stock and fruit ranch, 1100 acres, fine residence, two barns, wagons, etc. 800 pure bred Angora goats, 12 cattle, 14 horses; \$30,000 worth of black oak timber, 12 miles from Napa, 47 miles from Oakland. For full particulars write, Crown & Lewis, Inc., Dept. 4, 1055 Broadway, Oakland, California.

**FOR SALE**, 640 acres, improved, relinquishment. Horses, cattle, hogs, implements, corn, hay, besides twenty brood sows. Next four months will sell eight to ten hundred dollars' worth of hogs. Cash value, \$4,500, two-thirds cash. R. N. Lamb, North Platte, Neb.

**FOR SALE**—Choice farm of 250 acres in the park region of Douglas Co., Minn., all under cultivation. Large house, barn and granary, two wells. Only \$40.00 an acre, if taken soon. Martin Strand, Kensington, Minn.

**FOR SALE**, 10,000 acres, as a whole suitable for colonization purposes. Excellent land, millions feet of timber suitable for manufacturing purposes. Price \$5.00 per acre. B. M. Hungerford, Atkin, Minn.

**BOTTOM** farm for rent, new buildings, near school and depot, large apple, pear and pecan orchard, rent one-third crops, will pay for care of orchard, immediate possession. I. Rauch, St. Charles, Mo.

**SOUTH MISSISSIPPI** truck, fruit and timber lands, cheap. Easy terms, good local market and shipping facilities, healthy. R. M. Owen, McHenry and Gulfport, Mississippi.

**I HAVE FOR SALE** 80 acres of choice land 5 miles from good town. A good bargain, will take a good jack or stallion as part pay. L. D. Baker, Huron, South Dakota.

**80 ACRE FARM** for sale cheap, close to North Crandon, a place with two railroads. Good soil, easily cleared, some improvements. A. Rasmussen, North Crandon, Wis.

**BIG BARGAINS**—Kay County lands, 160 acres, smooth, less than \$40.00 per acre; 160 acres, smooth, less than \$35.00 per acre. Write Chas. E. Vogele, Newkirk, Oklahoma.

**CHEAP** OWNER DEAD—You should write for list describing the best 220 acre farm, stock and machinery in Wisconsin. Jonas Bergh, 504 Eddy St., Eau Claire, Wis.

**FOR SALE OR EXCHANGE**—320 acres in Wondbury county, Iowa, 1½ miles from town, fair improvements, good soil. Write, W. F. Bohlender, Avoca, Iowa.

**FOR SALE**—Farms, Reno and adjoining counties, ranches west, special bargain. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

**164-ACRE** improved farm, mile east of Linn Grove, Linn County, \$45.00 acre. Great bargain. Geo. F. Robb, 331 Twelfth St., Des Moines, Ia.

**OKLAHOMA FARMS**—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

**SEE THESE BARGAINS.** 160 acres, six miles from O'Neill, a splendid county seat town; land level, good black soil, school house across the road, good neighborhood; no buildings. Price \$12.50 an acre. 640 acres, four miles from Stuart, a good railroad town; one square section, almost level, good land; no buildings. Price \$10 an acre. Come quick if you want it. T. V. Golden, O'Neill, Neb.

**ARE YOU** looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

**320 ACRE FARM** in Sherman County, Kansas. 60 acres creek-bottom land, suitable for alfalfa. 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

**FINE DAIRY FARM**—133 acres, 3 miles southeast court house with running water, brick house of 9 rooms, necessary out buildings, farm in high state cultivation. Price \$175 per acre to settle an estate. W. R. Wilkins, Station 6, Mrs. Alice Wyman, 2501 Logan, administrators, Des Moines, Iowa.

**120 ACRES**, 5 miles from station, 10 acres seeded, buildings, good roads, school across road, no swamp or stone, \$1,200.00, one half down, balance terms to suit, 6 per cent interest. Other bargains. Fitzgerald Land & Loan Co., Omaha, Neb.

**MONEY-MAKERS**—There is none better than an irrigated farm in the Ordway district. Alfalfa, sugar beets, cantaloupes, small grain, fruit, poultry, bees and live stock are all money-makers here. Write Peck & Johnson, Ordway, Colo.

**FOR EXCHANGE**, an improved farm in Greene county, O., for a stock ranch in the west, Kansas, Indian Territory or Oklahoma preferred. Send complete description and price of what you have to, Asa Little, Xenia, Ohio.

**WE** make money earn 6%. Statements of first mortgage loans on real estate mailed upon application. Write for "Story of an Investment." We sell homes in Minneapolis. Nickels & Smith, Minneapolis, Minn.

**CANADA LAND.** Two sections fine lying and splendid wheat land, cheap. 25 miles southeast of Moose Jaw, railroad survey close to land; \$11.25 per acre. W. S. Servoss, 1325 Harrison St., Des Moines, Iowa.

**FOUR** exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

**MICHIGAN** stock farm, 275 acres, clay loam soil, 200 cleared, fine houses, barns, timber, orchards, rural route, telephone, school, \$6,250. Others, list free. Evans & Holt, Fremont, Mich.

**10,000 HOMESTEADS** in Tripp county, S. D., to be given settlers by the Government. For full information write Gregory County Abstract Co., Bonesteel, S. D., enclosing postage.

**FOR SALE OR TRADE**, 320 acres smooth wheat land, Hamilton county, Kansas. Good soil; price, \$7.00 to \$10.00 per acre. Chas. Haas, Clarion, Iowa.

**BEILEW & CO.**, Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

**CHEAP**—Two choice improved Iowa farms. Special low price for quick sale. Must be sold. Address owner, Lock Box 42, Sheffield, Iowa.

**BEAUTIFUL HOMES** in southwest Missouri, level prairie farms, no stone. \$30 to \$40 an acre. M. Wight, Lanthan, Barton Co., Mo.

## MISCELLANEOUS.

**TRY THEM FREE.** Simply send your address to the Guthrie Optical Co., Guthrie Center, Iowa. This reliable firm will send you their Eye Tester, free, and from the tests make you a pair of high grade spectacles or nose glasses (your choice) and mail them to you. Try them thoroughly, and if they are just what you want—the best you ever saw at any price—remit \$1—if not, don't pay a cent. Isn't that fair? Write today; tomorrow never comes.

**FARMERS, SWINE BREEDERS**, it will put greenbacks in your pocket, golden knowledge in your head. Smith's treatise on Swine Culture, essays, advice, recipes, formulas, of quality not quantity. Breed, feed, treat right and prevent disease, don't look for impossible cures. This unequaled treatise sent by mail for \$1.00. Remit by money order or registered letter. Address, Francis Smith, Lock Box 618, Des Moines, Iowa.

**25** fine photos from any photograph 25 cents, size 1½ by 1½ inches. 15 nice post cards from any photograph 75 cents. Photographs returned unharmed. Satisfaction guaranteed or money refunded. Write plainly, Newlon Photo Co., 1369 East Ninth St., Des Moines, Iowa.

**AN UNUSUAL OPPORTUNITY.** As a special offer to introduce them for \$1.00, I will send postpaid an English Wade and Butcher hollow ground razor, strop and brush. Satisfaction guaranteed or money refunded. John H. Bartram, Walden, N. Y.

**CEMENT**—Workers' Handbook tells farmers all about cement work. How to build walls, floors, walks, tanks, chimneys, blocks, posts, etc. Fourth edition revised; cloth bound. Send 50c to W. H. Baker, Wadsworth, Ohio.

**EGG PRESERVER**, best known to the chemical world. Double your sales, costs only 1c day, price only 50c. Reference Homestead. Address, W. Tennant, Guthrie Center, Iowa.

**START** a factory on the farm, no machinery to buy, honorable, clean, profitable. We tell you how free. DeHaas Supply Company, Dept. R, 3215 Mt. Vernon St., Philadelphia, Pa.

**CLOVER SEED**—Medium Red, best re-cleaned. Send for sample. Also Angus bulls, registered, nine to seventeen months old. Prices reasonable. J. C. Huggins, Peella, Iowa.

**LEARN OPHTHALMOLOGY**—a new profession, by mail. Earn not less than \$2,000 annually. Diploma in six weeks. Address Box 512, Guthrie Center, Iowa.

**GIVE** a new device for your farm implements to whip up the lead horses from the driver's seat. Circular free. Robert Schroeder, Morrisonville, Wis.

**MANURE** AUTOMATIC GATE. Semi stamp to secure valuable souvenir free. Manure Gate Co., Milton, Ind.



## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

A handy hog trough and one which will always be right side up is made as follows: Spike a 2x8 on each edge of the 2x12. Fit in four end pieces, say 2x4's, and you have a trough on each side of the 2x12 plank. If a hog tips the trough over there is a trough always right side up. H. D. C., of Craig, Neb., sends this hint and states that he finds these troughs handy in so many ways that he always has a good supply of them on hand.

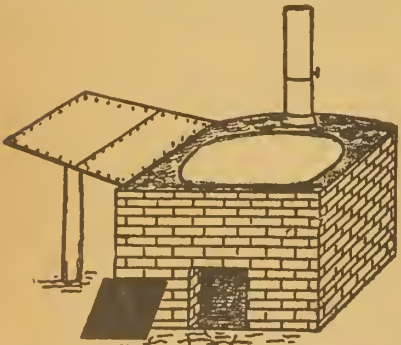
An Illinois farmer writes in one of the exchanges that a very simple and convenient rack for hauling fodder may be made according to the diagram. The hind part of a wagon is used and a temporary pole tongue is made to fit



A SIMPLE RACK FOR HAULING FODDER.

where the reach usually does. The rack is then attached, by means of a cross-piece which extends past the hounds of the bolster and hold the rack to the wagon. The poles are attached at the rear with a cross-piece and a stand completes the affair. One man can place a good load of fodder on this rack in a short time.

J. R. S., Danville, Iowa, writes: "I have seen almost all kinds of schemes for heating slops for hogs, but have seen none in your paper like I am using. I bought a ninety-gallon east-iron kettle or caldron, around which I built a brick furnace, then plastered it well with cement and left an opening for a fireplace and chimney. The total cost



was about \$20 and I cannot see why it will not last a life-time. Very little of the heat ever escapes and when once the contents of the kettle are warm they cool off very slowly, since the brick surrounding the kettle act as a non-conductor. I build a fire under the kettle in the morning and when once a good bed of coals is started the furnace will supply enough heat to keep the slop from freezing on the coldest day. For a door to the furnace I use a piece of sheet iron. To regulate the draft the sheet iron door may be placed tight or loose over the opening. Any kind of fuel can be used, but I find coals, old posts and lumber perfectly satisfactory."

### Soft Harness

You can make your harness as soft as a glove and as tough as wire by using Eureka Harness Oil. You can lengthen its life—make it last twice as long as it ordinarily would.

## EUREKA Harness Oil

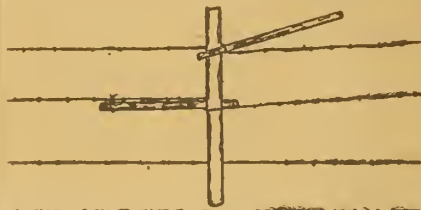
makes old harness like new. Made of pure, heavy-bodied oil, especially prepared to withstand all weathers.

For all axle troubles use **Boston Coach Axle Oil**. Better and more economical than castor oil. Will not gum or corrode. Lasting, reliable, satisfactory. Highest Award, World's Columbian Exposition.

**SOLD EVERYWHERE—ALL SIZES**  
Made by Standard Oil Co.  
Incorporated

Some form of cover for the kettle should be provided to conserve the heat in the slop. An ordinary wooden cover papered on one side with a good roofing paper makes a very satisfactory top. It is surprising how much longer the slop will remain warm when covered than when exposed to the air.

"In building wire fence," writes W. B., Gordon, Neb., "a great many people use small stays between the posts. I find these stays are very handy when it comes to tightening up slack wire. My plan is to take a strong stick, make a loop in the wire and twist it around the upright stake until the wire is as taut as desirable. The end of the stick then is either stapled or wired to the wire in the fence. Any time after that that the

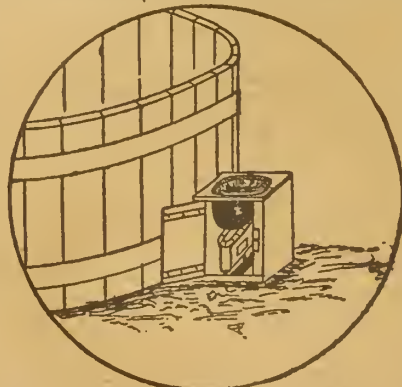


wire becomes loose the stick may be given another twist around the stay and your wire is tightened with but little trouble. With a stay every now and then in a fence the wires may be kept taut with very little trouble if this plan is put into practice."

A great many people make the mistake in hanging windows in barns and other places, where these openings are almost as much for the purpose of ventilation as for letting in light, of hanging them at the top rather than at the bottom. The window should always be hinged on

the lower side so that in opening it, it will swing from the top. Robt. Woodruff, C. E., of Utah, comments on this fact and states that a system of ventilation will be greatly improved if the windows are hung in this manner. Likewise, there will be much less danger of a draft over the stock and through the buildings. As the air comes in from the top of the window it strikes the wall and is diffused throughout the room, where if it comes in at the bottom it strikes direct on the stock which are near by.

And still the hints for keeping hog waterers from freezing pour in, and from among the many good ones we select one which W. H. W., of Henry, Ill., describes as follows: "The hog waterer is an ordinary patented cup affair and is attached to a large supply tank at a distance from the ground where the hogs can drink from it readily. Below the waterer the

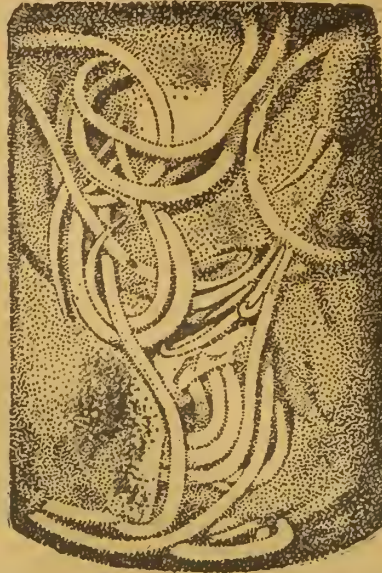


ground is dug out deep enough to allow a small coal-oil camp stove to be set under the waterer. The whole affair, hog waterer and camp stove, is boxed in on the sides and a top piece is fitted to the box so that it encloses all but the drinking place. On one side of the box there is a hinged door through which the camp stove may be tended. The waterer can be kept at any temperature that is desired, and I think this is a very simple, yet satisfactory manner of solving the question of keeping the herd supplied with warm water during cold weather."

### Hen's Eggs Wanted.

We've always had the "pie habit;" now we're coming into the limelight as egg eaters. Each year 80,000,000 hungry Yankees want more "hen fruit" than sufficed for the previous year. It's really getting to be quite a serious question how we're going to get 'em fried, poached and scrambled in quantities sufficient to satisfy us. Supply doesn't seem to keep pace with demand, which fact accounts for the other fact, that lots of times we don't get any eggs at all.

## Chief Cause of Hog Losses



This exposure shows stomach and intestines taken from a twenty-five pound shoat, full of intestinal worms.



This shows liver of same shoat, with worm in Bile Bladder, X mark showing location. The duct through which worm has come was split with a knife to show the worm.

### To Whom It May Concern:

During the month of August, 1906, my shoats got sick, and a number of them died. On August 27th, Mr. Deal, representing the Iowa Stock Food Company, called at my place and told me my hogs were dying on account of worm trouble. In order to make sure of this, we killed one pig. On examination we found the stomach and a portion of the small intestines full of intestinal worms. Some of the worms had worked their way through the bile duct and into the bile bladder and liver.

The jar that Mr. Deal carries with him contains the liver, stomach, intestines and worms taken from this shoat. If anyone doubts this and will write me, I will, if necessary, go before any notary public and make oath to the above fact.

I fed Iowa Worm Powder to the balance of my pigs. It cleaned them of worms, and I had no more losses. Iowa Worm Powder will accomplish all that is claimed for it. I never saw anything that would remove the worms so effectively. I also consider Iowa Stock Food the best appetizer and conditioner I ever fed. The feeding of these products has saved me my crop of pigs. Anyone can be convinced of their value by using them.

Very truly,  
G. L. POULSON.

**FREE!** To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing. Address Dept. A

**IOWA STOCK FOOD CO.,** Jefferson, Iowa

Now, if you travel about the country and keep your eyes open, you will be convinced that there are hens enough in sight to give every man his "two soft" seven mornings in the week, if each hen did her full duty. Which observation brings us right square to the point where the "screw is loose"—they don't do it. No fault of the hens, either. The real trouble is, the henman doesn't know his business, or else he neglects it. He doesn't treat his hens in the way self-interest would seem to dictate. You can't expect a lot of hens confined in a closed house or yard, with no systematic or rational effort to supply what they would get in a natural state to make a profit for the owner! Now, if you are planning to make your whole living, or even your "pin money," out of hens, there are two or three things you should certainly remember: First, don't be satisfied with scrub hens; second, and here is the real point) don't attempt to keep them without giving a regular daily ration of a good tonic. Nothing in hen culture gives so large a return as this one thing, and the only tonic to use is Dr. Hess Poultry Pan-a-ce-a, prepared by Dr. Hess & Clark, of Ashland, Ohio, and sold by all dealers. This has been the experience of all successful poultrymen. This preparation is not a stimulant, like pepper or something of the kind that excites unnatural production for a time. Dr. Hess Poultry Pan-a-ce-a does its work in a different way by assisting the hen to fully digest her food and send each element to its proper part in the hen economy. Thus, a daily feed makes bone, flesh, feathers and eggs, each to the extent of proper elements in the food. Dr. Hess tells us that Poultry Pan-a-ce-a is a true scientific preparation. It is the result of painstaking experiment in his own yards. So certain are Dr. Hess and Clark of the wonderful value of Poultry Pan-a-ce-a and Instant Louse Killer, that they cheerfully give a written guarantee that it will do all they say. If it doesn't, you get your money back. Considering cost of ingredients and care taken in manufacture, these goods are remarkably cheap. It costs but a penny a day to feed thirty hens.

### ONE WAY SETTLERS' RATES

To points in Nebraska, Eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas, Louisiana, Alabama and Mississippi, etc.

The Iowa Central Railway will place on sale on the first and third Tuesdays of each month, January to March, inclusive, one-way tickets at the extremely low rate of only one fare plus \$2 for the benefit of homeseekers and settlers.

Don't fail to call on Iowa Central agents for full particulars, rates, etc., or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

### CHEAP ONE-WAY RATES.

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.

The Homestead and the Homemaker  
\$1.25 per year.

## PATENTS

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## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### DOCTOR'S CHARGES.

A Subscriber, Lincoln, Iowa.—I was sick for some time. My regular home doctor came regularly every week to see me professionally. As he was on his way to visit me one day, he telephoned me that a doctor from a neighboring town was there, and if I had no objection, he would bring him along, just to see what he would say about me, so he came and examined me, but did not prescribe or give any medicine. I did not employ him, nor authorize my home doctor to do so. He has recently sent me a bill for a full fee. Can he compel me to pay the bill?

Answer.—He cannot collect the bill by law. He was not employed by you, nor asked to come. He has no lawful claim upon you, so refuse to pay the bill.

#### VETERINARY PRACTICE—BAD DEBT.

A Subscriber, Eddyville, Iowa.—A is a student of a veterinary correspondence college, but is not a graduate. (1) Has he a right to practice as a veterinary in Iowa? (2) If not, and he should practice, nevertheless, what would be the penalty? (3) What is required of him in order that he may practice? (4) What is the cost of obtaining license or authority to practice? (5) A is standing a stallion for B, on shares. C has a judgment against A. Can C stop payment of B's share of the service fees in satisfaction of such judgment? (6) How will C collect his judgment from A when A has no property, his wife owning all of it?

Answer.—(1) He has not. (2) Fine not less than \$25 nor more than \$100, or imprisonment in county jail not more than thirty days, for every offense. (3) To be a graduate of a legally chartered and recognized veterinary college, or veterinary department of a university or agricultural college, and also to pass the examination of the state board of veterinary medical examiners. (4) Fifteen dollar. We do not see how a student of a veterinary correspondence college, without other means of education, could ever become a competent horse doctor—could a fellow learn to swim by correspondence? (5) He cannot. (6) When you find out how to get blood out of a

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Anyway, write for a big, free sample of my roofing and let me send you Booklet B, and special Iron-clad Roofing Guarantee. Write me personally, and do it to-day.

turnip that has no blood in it, we will tell you how to collect a judgment from a man who has no property.

#### TRESPASSING HOG.

A Subscriber, London Mills, Ill.—A and B are neighbors, and own adjoining farms. C owns land adjoining both farms. A's hog broke through C's fence and went from there over a corner of C's land and got into B's field. B tried to get the hog back upon A's land and the hog got overheated by exertion and died. Who is liable for the loss of the hog?

Answer.—B had a legal right to try to get the hog back home on A's land, by either driving it, or by any other reasonable means, and if he did this without negligence or carelessness, as a prudent humane man would do, he is not liable, and the loss must fall upon A, the owner. If, however, B was unnecessarily violent, cruel or careless in getting the hog back, he may be liable.

#### WILLOWS ALONG ROAD.

An Iowa Subscriber.—On the north side of my farm dividing my field from the public road there is a willow row planted about twenty years ago. I use the willows for a windbreak for my fields, and for wood. There is a three-wire (barbed) fence on this line, the wires being fastened to willows which were topped off. Beyond this line in the roadway is another row of willows planted more than twenty years ago. Both rows were started before the road was established. No one ever objected to the willow rows. I have owned the farm eleven years. Nine or ten years ago I cut down both rows of willows and used the wood, and cleared all brush from the road. I have received notice from the township trustees to cut down all the willows standing in the road and take them away, and to trim the willow hedge along the road within sixty days. (1) Can the willow row on the line between my field and the road be legally considered a hedge? (2) Can the township trustees compel me to trim the willows? (3) After once cutting down and removing the willows growing on the roadway can I be compelled to do so again? (4) In case I cut the willows in the road and take the wood, am I required to clear the brush from the road?

Answer.—(1) Being used as a fence, the row of willows between your field and the road would undoubtedly be considered a hedge within the meaning of the section of the code requiring hedges to be trimmed back. (2) Section 1570 of the code provides that owners of any hedge fence along the public road, unless the same shall be used as a windbreak for orchards or feed lots, shall keep the same trimmed by cutting back within five feet of the ground at least once in every two years, and burn or remove the trimmings from the road, and on failure to do so within sixty days after written notice, the supervisor may do so and make returns to the clerk of the township and the cost is added to the



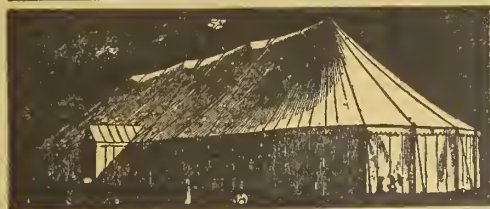
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owner's taxes and collected the same as other taxes. (3) You cannot, unless you want to use the willows for wood. If you do not claim them for such purpose, it is the duty of the road authorities to clear the road. (4) you are.

#### SALE OF A BULL.

A Subscriber, Galva, Iowa.—In December, 1905, I sold a bull calf a year and a half old to a purchaser at public sale. No guarantee was made of the animal at the sale. I took a promissory note for the price of the calf. Afterwards the purchaser came back and claimed that the calf was injured. After some talk about it I offered to allow him \$10 off the price, but he was dissatisfied and now refuses to pay the note when due, and says I will have to sue for the price. What can I do about the matter?

Answer.—If you made no false representations about the bull calf when he was sold, and gave no guarantee about him, the purchaser is liable to you for the full amount of the note and you can sue him and recover judgment for the full amount.

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## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### How to Make a Good Lawn.

To the Editor of The Homestead:

"How shall I make a good lawn?" "When?" "Can I make it myself?" are questions heard continually. For the benefit of those who cannot have the work done by some competent man I will briefly describe the method that gives the best satisfaction.

Seeding is the plan usually adopted, and the one recommended by all good landscape gardeners. The turfing of large lawns is seldom resorted to now. It is too expensive and it is a difficult thing to obtain good turf. When practicable, the preparation of the soil for the lawn should be made in the fall. After the necessary grading has been done and a general level formation of surface established, let it be again thoroughly plowed, harrowed and well pulverized and then raked smooth, even surface and as fine as possible. Have it as nearly alike all over as possible—that is, make it as compact in one place as another to prevent unequal settling. Spread a coating of well-rotted and thoroughly-pulverized manure over the ground, if the soil is somewhat poor. Do this in the fall if you prepare your lawn at that season. In the spring go over the ground with a fine-toothed iron rake and work the manure into the soil.

Now sow the seed, and always use a liberal quantity. The cost of the seed is a very small item of the expense of making a lawn, and it is always desirable to have a thick, close turf as soon as possible, therefore sow seed thickly. With thick seeding we can accomplish in one season what it may take several seasons to bring about from thin seeding. It is estimated by those who have had large experience in the making of lawns that it is advisable to sow at the rate of four bushels to the acre, or a little over one bushel to 100 feet square, in order to secure the thickest and most satisfactory results. Finish off by rolling the ground with a moderately heavy iron roller. If the ground is prepared this fall and seed is sown in April or May, next spring you can have a nice, velvety lawn by August. If the turf is thin in spots, scatter more seed there, raking it in lightly.

If the soil be poor, it will be necessary to enrich it each year by scattering fine manure over the sward in the fall. If it is not very fine, the rake should be used in the spring to remove the large portions which would seriously interfere with the working of a mower. If neglected it will show it at once. A much thicker, better turf is secured by mowing at least once a week through the season.

Mrs. A. F. Sorensen.

Howard county, Neb.

### Small Fruits on the Farm.

Strawberry plants should be set every eighteen inches in rows three and one-half feet apart. Uncover in the spring after the frost is out and before the plants heat and mold. Leave the mulch between the rows until after picking is over. Immediately after the last picking mow the field and burn or haul off the litter, and commence cultivation, and continue as before until frost comes. There is some tedious work connected with the renewing of the field for each succeeding crop, so that one must sit down to rest and refresh himself. The victory lies in the getting up and continuing again.

Currants and gooseberries should be planted three feet by six feet and black and red raspberries, and blackberries three feet by seven feet. They require little or no pruning the first season, except pruning off the tips of the black raspberries and blackberries at two and a half feet. The following spring, the old wood is removed from the raspberries and blackberries and laterals cut back, making a neat bush. By cutting the weak growth to one foot and strong ones to one and one-half feet it induces large berries.

At this time a support is given them by setting posts each side of the row and bracing the ends. Then staple a No. 14 wire about twenty-two inches from the ground twenty-eight inches for blackberries. This support is quickly made, not particularly expensive and lasts a number of years. In giving the sup-

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I have Early Champion Seed Oats for sale. They weigh 36 lbs. to the bushel. These oats are re-cleaned. My seed was treated for smut last spring. They are best for seeding grass and clover. Write for samples and testimonials. Address,

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NORTHERN STAR, originated by Lord Roper-ry. Prolific producer, matures middle of season, smooth and of good size. Price, 75c per pound prepaid to any part of the United States and Canada.

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port we, first, prevent the fruit from getting dirty; second, it lessens the liability of the wind breaking off the young sprouts during the season; fourth, keeps the bushes up in shape to shade the ground





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and hold moisture better. During the season pinch the tips out of the new sprouts. Watch very closely and go over them several times and as soon as the black raspberries get up three feet and blackberries three and a half feet, cut them off that day. If the sprout is left growing till it gets four or five feet it seems to stunt the growth, and a weak plant is the result. In taking out this tip it induces several branches rather than the single whip-like sprout. The object is to get more fruit-producing surface. A dust mulch is maintained during the picking season if it is very dry.

Red raspberries should be trimmed in the spring. The old wood and weak, fine wood is removed. The tops of the new wood cut back to three feet.

The old wood in currants and gooseberries does not die each year as in the other berries, so they don't need as much trimming. The oldest wood is only removed to throw more strength into the remainder of the bush and to let in the sunlight.

The enemy of the currant and gooseberry is the currant worm. This is easily controlled with the Bordeaux mixtures, same strength as for spraying apples. Spray before the worms come and prevent any injury. They will surely come. The anthracnose is the enemy of the raspberry. The only sure method of preventing its spread in the field is to dig out the whole bush and destroy it. In the blackberry is the rust, a new disease or affection with us, and we want some information as to prevention and eradication. There is also a small worm resembling the currant worm, that eats the leaves off the young sprouts of the blackberries. It may be that we will have to spray the blackberries to insure a crop.

Grapes should be planted under the same condition as mentioned before, set twelve feet each way. After the second year they should be trained on a trellis six feet high, using four wires. Grapes need plenty of sunlight to prevent mildew. Trim the new wood back to two buds and induce and save the new sprouts from the ground to replace the old above. Spray just as the growth starts in the spring with Bordeaux mixture and continue each week or ten days until the fruit is the size of a pea.—(W. R. Soverhill in Illinois Horticultural Manual.)

#### Starting Young Cedars.

To the Editor of The Homestead:

Regarding an inquiry from one of your subscribers about how to make cedar berries grow, will say that they must pass through a fowl of some kind. My neighbor gathered the seed or berry from the tree and fed the same to some turkeys he had shut up for that purpose. He then cleaned the coop and planted a bed in the garden and raised a nice bed of young cedar trees.

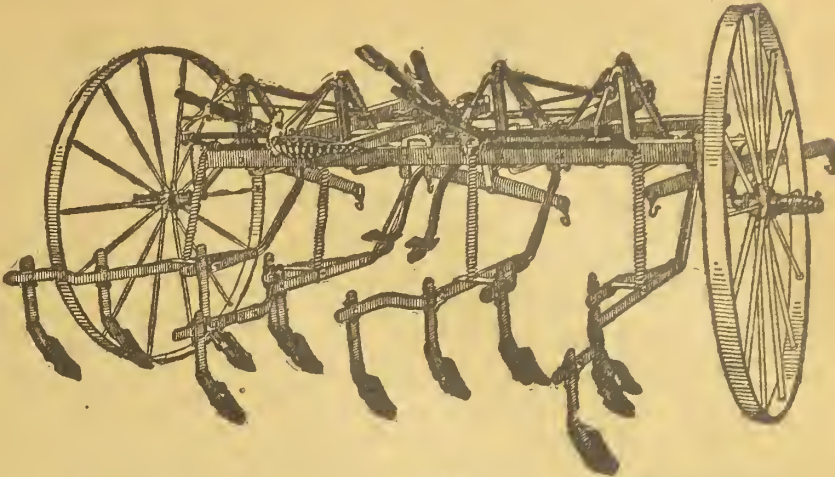
Boone county, Iowa. D. O. W.

#### Ornamenting the Lawn.

To the Editor of The Homestead:

All walks and drives on small lots should be direct. The planting of trees and shrubs or the placing of the fountains and flag poles in the course of a walk which will cause the traveler to deviate unduly from his natural course, is a common but objectionable arrangement. On small areas, walks and drives should be straight unless there be good reason, because of the contour of the surface, for making them curved. In more extensive areas, where the grouping of shrubs becomes an important factor in the construction of the place, curved walks and drives are most pleasing and effective.

With trees, shrubs, vines and herbaceous bedding plants, pleasing contrasts can be produced. Each plant or group of plants has an expression peculiarly its own, and when used with suitable surroundings the effect is pleasing. While each of the plants possess an intrinsic decorative value, this value is enhanced in proportion to the perfection of the greensward in which it is set. Green grass is not only useful as a covering for the earth, but it is of itself beautiful. It forms the canvas for our picture. A perfect lawn is one of the rarest possessions of either public or private establishments. A good lawn demands great skill and judgment in its making as well as in its maintenance. The difficulties of lawn-making becomes more accentuated as the heavy clays and clay loams of the North and West are replaced by the light, sandy soil of the South. The superb Kentucky bluegrass,



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When your corn needs cultivating it needs it bad and you know that you lose money every day it is left uncultivated.

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But—

When you need help the very worst way it is scarce and—you know how hired help cuts into your profits.

We have just issued a book on the Midland Cultivator. Those who have seen it say it is one of the most interesting and instructive books ever issued for corn growers.

There are ten articles, each one written by an expert in his particular line. Some of the writers are: O. L. CENTER, Professor of Agriculture Illinois University, A. F. WIANCKO, of the Lafayette Experimental Station, O. E. YOUNG, Secretary Michigan Corn Improvement Ass'n and F. W. TAYLOR.

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which produces such perfect lawns in regions with heavy soils and abundant rainfall must be supplemented by white clover as the soils become light and sandy.

The chief charm of a lawn consists in an even stand of grass of uniform color kept closely mown. In order to secure this a pure grass, such as Kentucky bluegrass, must be used, or the mixture must be so perfectly made from grasses of like habit of growth and coloring that a mottled effect will be avoided. For permanence a greensward consisting of a blend of grasses is superior to one made of a single sort. For this reason, therefore, lawn mixtures usually consist of a number of different species. The great difficulty, however, lies in securing good germination from such mixtures, with uniform lawns as a result. The fescues all grow in stools or bunches, the rye grasses are lighter in color, coarser in leaf and of more rapid growth than the blue grasses. Most satisfactory combinations, both as regards beauty and permanence, comes from mixing red-top and bluegrass.

In general, trees should stand either as single specimens in isolated positions or in irregular groups rather than in long rows. Under certain conditions long avenues of trees regularly disposed on either side of a prominent drive or vista may contribute a very pleasing and imposing effect to a large place. The general rule for trees also applies to shrubs, except that their use should be chiefly in groups or belts rather than as specimen plants, although specimen plants are of value in formal plantations. Few shrubs possess a sufficiently graceful and characteristic habit of growth to make them pleasing objects when grown singly upon the lawn, but where a number of specimens of varying habit are brought together in a single group, the differences are emphasized by contrast and the variety produces a pleasing effect, particularly if the rate and habit of growth, as well as the color and character of the foliage be somewhat different. Pleasing results in groups of shrubs do not come from large numbers of the same variety in mass, but from a harmonious arrangement of different genera, species and varieties. In order to secure the greatest pleasure from shrubs in groups, each group should represent some idea either of spirit or of rest, and always of beauty. These effects come from the habit of growth of



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the plants used. Tall growing, graceful, reed-like plants produce an effect of grace and beauty, while plants of a more sturdy habit may indicate strength and resistance. The latter are well suited for windbreaks or shelter belts, while the former lend themselves to the forma-



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carry in the tool-box of your seedler and always keep  
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tion of screens or masks, either for  
walks or drives or for fences or un-  
sightly buildings. Each group or plan-  
tation made upon the grounds should  
have an excuse for its existence and rea-  
son for occupying the particular spot it  
does.—Bruno Nehrling in Illinois Horti-  
cultural Report.

#### Some Advice on Ginseng.

To the Editor of The Homestead:

It is a well-known fact that ginseng  
is a native of the forest and must be  
grown under conditions as nearly sim-  
ilar as those that prevail in the forest.  
The fact that the forest supply has  
been hunted so close that it has nearly  
been exhausted, has led many to at-  
tempt its cultivation. The system that  
this company has followed has proved  
very successful.

Ginseng can only be propagated from  
the seed. It has been found that it  
takes eighteen months to germinate, and  
during all of that time the seed should  
never be allowed to become dry. When  
the young plant does appear it looks  
somewhat like sprouting beans. It has  
three leaves at the top of the stem,  
rising two or three inches from the  
ground. The next year's growth is dif-  
ferent in appearance. From the last  
week in April until the middle of May  
the plant will shoot up its stem from  
four to six inches, with two branches  
and five leaves on each branch, in the  
shape of a whorl. The third year's  
growth has three branches of five leaves,  
fifteen leaves to each plant; the third  
year's growth bears seed. In July it  
produces a cluster of small, yellowish-  
green flowers, which are later followed  
with fruit resembling flattened berries.  
The color is green until in August, when  
it changes to a bright scarlet and ripens  
in September.

These berries are about the size of  
peas and produce one, two and three  
seeds in each. The root is a perennial,  
but the plant above ground is an annual;  
that is, it dies down in the fall and  
springs up again the next spring. The  
root somewhat resembles the horse-  
radish root. Being a native of the for-  
est, the plant requires shade. It must  
be protected from the sun during the  
whole summer. With us no shade has  
proved so satisfactory as lattice-work.  
This can be made of lath one-half inch  
apart at the top, while the sides are left  
open to admit the free circulation of air.  
The covering may be six feet above the  
ground on the top of posts eight feet  
apart each way, so a person can pass  
under it.

The soil selected for a ginseng garden  
should be a moist, cool one. The ground  
should be rich and mellow with some  
woods earth mixed in, and we prefer  
north or east slope. Above all, the  
drainage should be good. If planted on  
level land you should underdrain with  
tile, as ginseng will not stand wet feet.

It takes about five years to come to  
maturity; that is, to get its growth from  
the time the seed was planted. Some  
dig the root at the end of the fourth  
year, but it is best to wait until five  
or seven years, then dig carefully so  
as not to cut them and wash them thor-  
oughly. To dry the roots, spread them  
out thinly and put them where they  
will have full exposure to the sun and  
air. It generally takes three pounds of  
green roots to make one of dry. The  
root is shipped to China where it is  
used for medicine. The Chinese believe  
that it will cure all diseases, both of  
body and mind.

The large roots, somewhat resembling  
the human body shape, command the  
best price in the Orient. Many times  
these roots will sell for their weight in  
gold. The average price of the root in  
America is about six dollars per pound.  
You will find it quoted in any of the  
standard daily market reports.

Ginseng is a small plant, so that two  
hundred thousand plants can be set on  
an acre. A plant three years old will  
produce about twenty seed, while plants  
five and six years old will bear from  
fifty to one hundred seed. The present  
market price for seed is from seventy-  
five to eighty dollars per pound. It  
takes 8,000 seed to make a pound. It  
is said that one acre of ginseng is worth  
\$40,000, and we consider this estimate  
very conservative.

Wisconsin. Forest Ginseng Farm.

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full to overflowing and bidding was keen

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from the time Col. O. L. Mossman opened  
the sale until he had sold the last one of  
the fifty-eight head. Every number that was  
consigned in the sale was of either early or  
late farrow of 1906. The fact that an aver-  
age of \$38.75 was made on an offering of so  
great a size, and especially on one that was  
of Mr. Mack's own breeding, should be a  
high recommendation for the work of this  
breeder. The sale was topped by Mr. H. H.  
Kinghorn, of Dows, Iowa, at \$51 and a close  
second to that number was Mr. E. Burt, of  
Clarion, who secured one of the good ones at  
\$50. We are unable to print a list of the  
other purchasers, but are informed that the  
bidding was strong throughout and the offer-  
ing was a very uniform one. Mr. Mack is  
to be complimented on his success.

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fected Parts Now Clear as Ever—  
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"About four years ago I was afflicted  
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and a few covering my body, which pro-  
duced a severe itching irritation, and  
which caused me a great deal of annoy-  
ance and suffering, to such an extent  
that I was forced to call in two of the  
leading physicians of my town. After a  
thorough examination of the dreaded  
complaint they announced it to be skin  
eczema in its worst form. They treated  
me for the same for the length of one  
year, but the treatment did me no good.  
Finally my husband purchased a set of  
the Cuticura Remedies, and after using  
the contents of the first bottle of Cuti-  
cura Resolvent in connection with the  
Cuticura Soap and Ointment, the break-  
ing out entirely stopped. I continued the  
use of the Cuticura Remedies for six  
months, and after that every splotch  
was entirely gone and the affected parts  
were left as clear as ever. The Cuti-  
cura Remedies not only cured me of that  
dreadful disease, eczema, but other com-  
plicated troubles as well. Lizzie E.  
Sledge, 540 Jones Ave., Selma, Ala., Oct.  
28, 1905."

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lars to you.

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Geraniums, 25c. 6 Begonias, 25c. 6 Fuchsias, 25c. 6 Chrysanthemums, 25c. 6  
Pelargoniums, 25c. Catalog and Pkt. Royal Giant Pansy free.

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200 Norway Spruce, 3 to 6 in. \$1; 100  
Arbor Vitae, 3 to 6 in. \$1. Prepaid by  
mail. Many other \$1 bargains. Larger  
trees by express or freight very cheap.  
Sixteen different kinds. Price List free.  
**HARTARD NURSERY, Box IV, HARVARD, ILL.**

**FREE** Our handsome Garden Annual and Seed  
Catalog. Send your address on a postal,  
with name of neighbor who is a seed buyer.  
For your trouble we'll mail you a packet of  
Flower Seeds. If you write before March  
20th address **Cole's Seed Store, Pella, Ia.**

**HEALTHY TREES** **HONEST IN QUALITY**  
We pay freight  
Grafted apple 4c, budded peach 4c, budded  
cherry 15c. Concord grapes \$2 per 100.  
Black Locust \$1 per 1000. Complete colored  
cat. free. **Galbraith Nurseries, Box 82, Fairbury, Neb.**

**AGENTS** wanted to introduce Burbank's wonder-  
ful stoneless plum—Miracle, and sell our well-  
known hardy nursery stock. Big pay. Best propo-  
sition offered salesmen. **Oregon Nursery Co.,**  
Detroit, Michigan.

**5 VARIETIES** of seed corn for sale at \$1.25 per  
5 bu., eared or shelled. Satisfaction guaranteed or  
money refunded. **Alex James R. I., Shenandoah, Ia.**

**WANTED**—An energetic and experienced young  
man to work on stock and grain farm. State  
wages wanted. **D. W. Nickerson, Marble Rock, Ia.**

**SEED CORN** Funk Large Yellow Dent and  
Reid's Yellow Dent seed corn for  
sale by **H. P. Wilkinson, Mitchellville, Iowa.**

**BROME** grass seed for sale. I have a fine lot of seed  
for sale right if taken at once. Write me now.  
**Geo. W. Schwab, Clay Center, Neb.**

**KHERSON SEED OATS** FOR SALE. Big  
yielder, will not lodge or rust. 50 cents a bushel.  
**Aye Brothers, Blair, Nebraska**





## Why we make 50,000 miles of fence every month.

Every year since wire fence came into use, we have made and sold more wire fence than all other fence-makers combined. With the largest output at all times during the remarkable growth of the wire fence industry, we always bid highest for fence brains. These master minds of steel-wire-making have never stopped working on wire-fence improvements.

And we make 50,000 miles of fence every month—enough to go twice around the world—because the discerning American farmer demands that much

# AMERICAN FENCE

That's over 80% of *all* the wire fence sold, which means that four out of five farmers demand American Fence.

Now, four out of five American farmers are not *wrong* on this fence question. They know that whenever they need fence, they can always be sure that American Fence is the best fence ever produced up to that hour and minute.

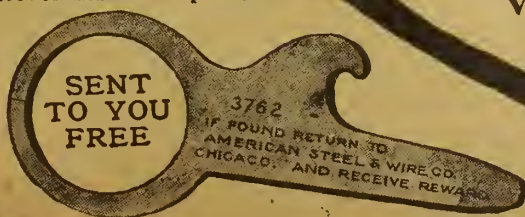
Recent improvements in galvanizing make American Fence longer lived, make it cost you less per rod per year's wear, though the price remains the same.

**NOTE**—I want to send you the combination key-ring, shown in the corner, *with our compliments*, as a continual reminder of American Fence. We register your name and number on our books, and return keys, without cost, if found and sent us.

Frank Baackes, Vice-Pres. and Gen. Sales Agent  
American Steel & Wire Co.  
Chicago, U. S. A.

Drop me a postal and tell me how much fence you will need this year.

I will write you a personal letter about American Fence and send you this combination key-ring, screw-driver and bottle-opener.





## FREE BOOK OFFER!

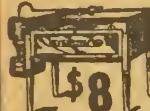
New Sure Hatch Book on Incubators, Brooders and Chicken Raising—102 pages and scores of pictures—will be sent FREE to anyone interested in chickens. The most wonderful Handbook of Poultry Information ever printed. The makers of the



## Sure Hatch Incubator

are giving these books away to celebrate the biggest year in the history of the company. Sure Hatch Incubators hold the world's record for sales and satisfaction. Guaranteed 5 years. We pay freight. Write today for FREE SURE HATCH BOOK and the most liberal incubator offer ever made. Send postal today.

Sure Hatch Incubator Company  
Box 16, Fremont, Neb. or Dept. 16, Indianapolis, Ind.

INCUBATORS  
40 DAYS  
FREE TRIAL

The Great Western Incubator has the best hatching record. It is the easiest to operate. It is the lowest priced Good hot water incubator made.

**GUARANTEED FOR 10 YEARS**  
Shipped anywhere on 40 days FREE TRIAL—use it, test it. If it is not what we claim return it at our expense. Write for complete FREE catalog of Great Western Incubators and brooders.

GREAT WESTERN INCUBATOR CO.  
914 Liberty St., Kansas City, Mo.

\$7.00  
Buys the Best  
120-EGG  
Incubator

freight prepaid, ever made. Double cases all over best copper tank; hot water self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.  
Belle City Incubator Co., Box 52, Racine, Wis.

Your Name Will Get \$2 Eggs  
For 50 Cents Per Sitting

The White and Brown Leghorns are the greatest layers in the world. I keep 2000 of the celebrated Chamberlain laying strain on my Experimental Farm, and to increase the sale of my Perfect Chick Feed, I will send to any one who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Only 2 sittings sold to one person. White or Barred Plymouth Rock, or White or Silver Laced Wyandotte Eggs \$1 per sitting. This is a rare chance to get a start of extra fine stock. Send money and have your orders booked at once.  
W. F. CHAMBERLAIN, (The Perfect Chick Feed Man)  
KIRKWOOD, MO.

## BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties, quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.  
FRANK FOY, BOX D, DES MOINES, IOWA.

## 125 Egg Incubator and Brooder Both \$10

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Our free catalog describes them.  
Wisconsin Incubator Co., Box 71, Racine, Wis.

## SHOEMAKER'S BOOK ON POULTRY

and Almanac for 1907 contains 220 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chickendom. You need it. Price only 16c.  
C. C. SHOEMAKER, Box 1215 FREEPORT, ILL.



## Hatch 'Em Easily

Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is Guaranteed. Glad to send free my handsome, new, illustrated catalog. Write now to Emil Ochsner, Box 17, Sutton, Neb.

A Hundred Per Cent  
Petaltuma Incubators

They are the oldest and most reliable machines on the market. Results are uniform and always high. Redwood and copper materials. Devices purely automatic and sure. Write us for free catalogue.  
PETALUMA INCUBATOR CO., Box 2, Petaluma, Cal. Box 2, Indianapolis, Ind.

## POULTRY PAYS

Our Book, "Poultry Pays" showing 35 best paying varieties, mailed for 10 cents.  
Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## ARE GEESE PROFITABLE TO RAISE?

That depends upon circumstances. Given plenty of grazing room, there is little doubt that they can be made to yield a good profit. They seldom die of disease, which is a big factor in their favor. Lice never trouble them, and roup never attacks them. They are easily kept within bounds, as a fence three feet high will confine them. They improve with age, as they are useful as breeders for ten or twelve years. An open shed is all the shelter they require, so expensive houses may be left out of the question. While they enjoy a pond or lake, a tub sunk in the ground may be made to answer their purpose.

Geese grow very rapidly, reaching ten or twelve pounds when ten weeks old, at which age they bring a good price in many markets as green geese. When full grown they bring large prices which have materially increased with the price of other kinds of poultry.

As long as grass is plentiful and with in their reach they need no grain, and even in the winter a moderate amount of grain will keep them in excellent breeding condition. The feathers are an important item, bringing at present prices more than enough to pay for their keeping in the non-laying season. The goslings will grow if allowed nothing but grass, but for the best results in size and vigor some grain should be fed.

One experienced breeder gives seven reasons why he considers geese more profitable than chickens or turkeys: First, no lice; second, no roup; third, no diarrhea; fourth, no houses to clean; fifth, no expensive yards; sixth, no expensive buildings; seventh, can be kept on land good for nothing else.

The breeding of geese requires common sense, a liking for the business, patience, perseverance and grit. With less outlay in the way of equipment required, and the necessary qualification that make for success in any pursuit, good money may be made in the rearing of geese.

## POULTRY PARAGRAPHS.

In packing dressed poultry for shipment, turn the head of the bird back under the wing.

The broiler weight in March is one and one-quarter pounds each; April, one and a half pounds; May, one and a quarter to two pounds.

Experiments tried by the writer show that a fowl will consume about three ounces of the morning mash, two ounces of grain at noon, and four ounces of grain at night.

Success in poultry culture, like success in all vocations, depends upon the quality and quantity of brain work put in the enterprise.

Cockerels with spurs are classed with old fowls in market. Pullets, as broilers, having large combs (like the Leghorn) are cut in price, as it gives them an older look.

Busy fowls are always healthy. When a hen droops, gets up into a fence or house corner, or hugs the roost in day time, there is something wrong. Better look into it.

The so-called "Philadelphia" broilers, roasters and capons, are not a product of Philadelphia at all. They come from the state of New Jersey and Pennsylvania—principally the former.

For a general poultry farm, where eggs, broilers and roasters are to be produced, three breeds should be kept: Mediterranean for summer eggs; American for small roasters, broilers and winter eggs; and Asiatic for large roasters and winter eggs.

In marketing, quality counts: poor stuff goes a-begging. The head must remain on dressed carcasses. Market chickens of uniform grade, color and size, small, poor, scraggy birds, half-dressed, always meet with poor returns. A "large roaster" means a plump, soft chicken of four or five pounds weight. Old cock birds have a special classifica-



From a practical standpoint hens are simply egg machines. They take the feed, convert it, and lay the eggs. But like every other kind of machine, to do the most work, the hen must be in perfect order. The digestive apparatus is the important factor in egg production. Many poultrymen feed an abundance of good albuminous food such as should produce a profitable egg yield, but if the digestion is impaired and the egg-organs dormant, no amount of food will produce the desired results. But give the fowls a tonic to increase the digestion, a little iron for the blood, and regulate the system generally, toning up the egg-organs and you are certain to get eggs even in the coldest weather.

DR. HESS  
Poultry PAN-A-CE-A

the prescription of Dr. Hess (M. D., D. V. S.), contains all these principles to increase egg production and cure cholera, roup, indigestion, etc. It has the indorsement of leading poultry associations of the United States and Canada, costs but a penny a day for about 30 fowls and is sold on a written guarantee.

1 1.2 lb. 25c,  
mail or express 40c  
5 lbs. 60c, 12 lbs. \$1.25  
25 lb. call \$2.50

Except in Canada  
and extreme  
West and South.

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK, Ashland, Ohio.

Instant Louse Killer Kills Lice

ONLY \$12.75  
230 Egg Incubator  
and We Pay the Freight.

It's the biggest incubator bargain ever offered. 1st. Because so large an incubator has never been sold for so low a price. 2nd. Because so good an incubator has never been offered even at double the price. It's the famous  
**ROYAL**  
(You Can't Get a Better At Any Price.)

Understand our proposition: We pay the freight anywhere East of the Rockies; we give you a fair and square trial; we give you a bank guarantee; and we promise you that the Royal, with ordinary attention will do perfect work. Don't confuse it with "cheap" incubators; it is strongly built; will last a lifetime; automatic control of heat, perfectly ventilated and built; will hatch the eggs. Don't make the mistake of buying until you investigate our special offer. Handsome catalog of incubators, brooders, poultry supplies, eggs for hatching and fine poultry FREE. Practical Book, "Care of Chicks, Ducks and Turkeys," 10c, standard 60c Poultry Paper one year 10c.  
ROYAL INCUBATOR CO., Drawer 755 DES MOINES, IOWA.

OLD TRUSTY  
INCUBATORS AND BROODERS

Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on  
**40, 60 AND 90 DAYS' TRIAL**  
and Five Years' Guarantee.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

**SEND FOR JOHNSON'S BIG BOOK**  
Check-full of common-sense chicken talk and straight from the shoulder money-making suggestions. 300 illustrations. It is free. Write today sure, and get his special offer.  
M. M. JOHNSON CO., CLAY CENTER, NEB.

Johnson Pays the Freight. 5 Years' Guarantee.

tion, and do not come under the head of "large roasting fowls."

Too-fat is no disease, but it is an unhealthy condition. Many diseases and troubles can be laid to overfeeding.

Can any one give a good reason why the farm flocks of the country should not yield many times the eggs they do? While we would not force the breeders; they cannot help laying some eggs if kept warm and properly fed. One great point lies in securing a variety of food. They will not lay on corn alone, nor any other grain alone. They need animal food of some kind, green or vegetable food as well as grain. Warm housing at night is also necessary. Water in abundance helps to fill the egg basket. Incidentally, this means filling the pocket book also. Hens left to shiver in the trees when the temperature hovers about the zero point or below, cannot

Hatch Chickens by  
Steam with the  
EXCELSIOR INCUBATOR  
Or WOODEN HEN

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatching made.  
GEO. H. STAHL, Quincy, Ill.

## GREIDER'S FINE CATALOG 1907

tells all about pure-bred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. B. H. Greider, Rheims, Pa.

lay eggs. It takes every bit of energy to keep alive. Treat the hens well, and see how royally they will repay your efforts in their behalf.

It is best to dry-pick the legs before scalding. Do not allow the heads or feet to get in the water, or the former will have a sickly look, and the latter will lose their bright color. Have the water



as near boiling point as possible, without boiling.

A teaspoonful of fenugreek in the mash for ten fowls is highly recommended for indigestion. There is fenugreek in all condition powders.

The weight of hen's eggs range from fifteen to twenty-four ounces per dozen. A weight of twenty-two and a half ounces may be taken as a fair average for good-sized eggs, although a weight of four ounces is not unknown for single specimens.

Commonly speaking, what would be considered the dose for a child is about right for a fowl. A two weeks' old chicken will need as much medicine in a day as a six months old child. At six weeks it would require the same-sized dose as would be given a year-old child; a half-grown fowl as much as a two-year-old child, and an adult bird as much as a four-year-old child.

Some of the drinking fountains, especially those made of stoneware, are so constructed that it is difficult to clean them out. The best way that we have found is to use hot, scalding water and a large handful of shot. Shake the vessel briskly, so the shot will scrape along the bottom and sides of the fountains. This will remove the scum, and leave the fountains clean and sweet.

How many eggs can a hen lay in succession? Some years ago the writer sent that inquiry out to a score or more of prominent poultrymen, and among the replies received were the following: H. S. Babcock said he knew a Bolton Gray to lay 135 eggs in 135 days. I. K. Felch said 159 in as many days was claimed for a pet White Leghorn in 1859. James Rankin said he once owned a Creeper hen that laid 200 eggs in succession.

There is more or less difficulty in neatly chopping off the head of a fowl, as very often at the critical moment the hen will draw in her head. Loop a string to the fowl's head, and then have someone stretch the cord a little so as to bring the neck full over the block. The executioner should hold the legs and tips of the wings with the left hand, and with a sharp hatchet in the right, quickly cut off the head. Then hold the bird firmly until life is extinct.

Did you ever use rosin in dressing fowls? We never did, but here is some advice that is highly recommended by a party who has adopted it: First dip the fowls in cold water and let them drip. Then apply finely pulverized rosin to the feathers, using a dredging box for convenience. Then scald in the usual manner. The rosin sticks the feathers

together so that the pin feathers come out with the others, saving much trouble. Use the common crude article, and apply about a half teaspoonful to a fowl.

#### POINTERS.

Mr. R. M. Noble, of Riceville, Iowa, has choice White Plymouth Rock eggs for sale as per advertisement on page 16.

—On page 16 of The Homestead is inserted the new advertisement of Mrs. Ella Tharp, of Mt. Sterling, Iowa, offering Rose Comb Brown Leghorn cockerels and eggs for sale.

—Mr. Nick Loewen, of Lawler, Iowa, breeds pure-bred Single Comb Black Minorcas. He has eggs for sale at prices named in his advertisement on page 16. He guarantees satisfaction.

—Mr. O. M. Healy, of Bedford, Iowa, is advertising Silver Laced Wyandotte eggs for sale in his advertisement on page 16. Mr. Healy has been a breeder of this variety of chickens for the past twenty years.

—Mrs. C. F. McLochlin, of Gray, Iowa, calls our attention to the fact that her White Holland toms weigh from seventeen to twenty-four pounds instead of eighteen to twenty pounds as was stated in a pointer in our last issue.

—Mrs. J. J. Rink & Son, of Shelby, Iowa, breed Buff Plymouth Rocks exclusively. They are offering eggs for sale in their advertisement on page 16. They have a fine flock that have the run of the farm, insuring the fertility of the eggs.

—Mrs. Lola Schae, of Farmington, Iowa, is offering Embden goose eggs for sale in her advertisement that appears on page 16. These geese are easily raised and grow the finest of feathers. Those wanting eggs, write Mrs. Schae for prices.

—Mr. H. G. Smith, of De Soto, Iowa, has some choice Silver Laced Wyandotte cockerels that he says will be sure to please, for which he is making a very low price in his advertisement on page 16 of The Homestead. He is also quoting prices on eggs.

—Mrs. John Erickson, of Manilla, Iowa, can furnish Homestead readers with Single Comb Brown Leghorn eggs at prices which she names in her advertisement found on page 16. Mrs. Erickson writes that she has not missed getting eggs a day this winter.

—Mr. A. E. Goodman, of Indianola, Iowa, is offering Buff Wyandotte eggs from two different pens, in his advertisement that appears on page 16 of The Homestead. The eggs he has for sale are from prize-winning stock at the Iowa City, Winterset and Indianola shows.

—Mrs. O. J. Early, of Bristow, Iowa, can furnish Homestead readers with White Plymouth Rock eggs of the Fishel strain. Her advertisement quoting prices appears on page 16 of The Homestead. Mrs. Early has an extra good flock that score as high as 94 points.

—Mrs. A. Kitson, of Audubon, Iowa, in ordering us to re-insert her advertisement found on page 16, writes that she still has some Mammoth Bronze turkey toms that she would like to dispose of and that in order to do so quickly she will quote very reasonable prices.

—Mrs. F. H. Jewell, of Bristow, Iowa, writing in regard to her Black Langshan cockerels, which she is offering for sale in her advertisement on page 16, says: "I have good chickens, scoring as high as 96½, and would like to sell them at once, as I need the room."

—Mrs. E. F. Escher, of Manning, Iowa, is offering Barred Plymouth Rock eggs for sale from two different pens, also from flock having farm range. The prices at which she can furnish them per setting or in 100 lots are named in the advertisement that appears on page 16.

—Any of our readers who intend to buy Plymouth Rock eggs of the Barred and Buff varieties will find Mr. L. T. Calhoun, of Indianola, Iowa, fully prepared to meet their wants. Write him for prices and description of anything you might desire in this line. See advertisement on page 16.

—Mr. R. R. Stewart, of Charles City, Iowa, is offering Rose Comb Brown Leghorn eggs for sale at very attractive prices considering the high scoring of his stock, in his advertisement that appears on page 16. Mr. Stewart breeds Rose Comb Brown Leghorns exclusively and the quality is of the best.

—Mr. George B. Price, of Indianola, Iowa, is offering some high-scoring Leghorns of the Single Comb Brown and White varieties for sale. He has also a supply of choice eggs on hand. Send for his circular, after reading the advertisement on page 16. Kindly mention The Homestead when doing so.

—Mr. A. L. Anderson, of Indianola, Iowa, advises our readers on page 16 that he is prepared to furnish them with Wyandotte eggs, either of the Buff, Golden or the Silver Laced variety. He is guaranteeing each and every sitting and makes a proposition to buyers which is certainly fair and square in every respect. Write him for prices.

—Mr. E. S. Dyas, of Bellevue, Iowa, has a new advertisement on page 16 of The Homestead. He writes: "We will sell eggs from the different varieties named in our advertisement as low as anyone can and furnish a really good, high-class article. We wish those wanting eggs would write us now and we will try to supply them at the time needed."

—In the advertisement of Messrs. C. C. Drake & Son, of LaHarpe, Ill., that appears on page 16, they are quoting prices on Barred Plymouth Rock eggs from stock the parents of which came direct from Messrs. Bradley Bros. and W. H. Nelbert. The males and females are barred to the hide and score from 92 to 91 points, respectively. Write them for full particulars.

—Mrs. L. L. White, of Hartwick, Iowa, breeder of Barred Plymouth Rocks, writes: "We still have some nice Barred Plymouth Rock cockerels for sale that score from 89 to 90½ points. They will be sold cheap, quality considered. Those desiring same should come quick, as they will not last long

## HATCH ALL Incubators Will Hatch Your Eggs

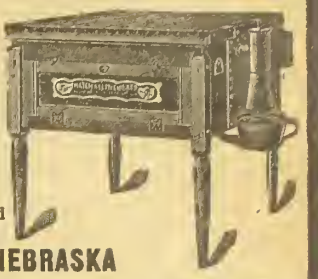
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., Box 8, HEBRON, NEBRASKA



## Success

You go straight to success if you hatch and brood right. Get machines that have proven worthy, not once but thousands of times.

## Successful

### Incubators and Brooders

are record makers. Nearest nature's own way. Self-operating in all things. Many thousands at work giving perfect satisfaction year after year. Get on the safe side. Incubator and Poultry Catalog Free Booklet, "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper 1 year, 10c. Send for these to-day. Des Moines Incubator Co., Dept. 50 Des Moines, Iowa. We have a full line of poultry supplies, poultry and eggs.



## Incubator Book

The Best That Was Ever Written

If you wish to buy an incubator wisely, read this book. It will tell you the facts that you need to know. It is written by a man who has spent 25 years in perfecting an ideal incubator. It tells of the mistakes that he made and that others are making—and how to avoid them. It tells you his experience with all sorts of incubators—the good points and the weaknesses of all. It tells you how he has perfected the Racine Incubator—in 25 years—until it includes all the good points that any man has discovered. The book is interesting—fascinating—and it is written by a man who knows most about incubators. You will know which incubator you want when you read it—and the book is free. Write today for it. We Pay the Freight. Address

Racine Hatcher Co., Box 135, Racine, Wis.

We have Warehouses at Detroit, Mich., Buffalo, N. Y., Kansas City, Mo. and St. Paul, Minn.

at the bargain price I am asking for them." Mrs. White's advertisement appears on page 16.

Anyone wanting Rose Comb White Leghorn cockerels should write to Mrs. U. G. Davidson, of Manson, Iowa. She has about twenty of these for sale and is offering them at \$1 each or six for \$5. Write her at once if you want White Leghorn cockerels.

—Mr. J. W. Wagner, of Monroe, Iowa, breeder of Plymouth Rocks, in furnishing copy for his advertisement found on page 16 of The Homestead, writes: "I have two dozen Barred Plymouth Rock pullets yet for sale and a number of extra good, large cockerels. They are large-boned fellows and nicely marked. I have some yet that are good, large, dark fellows that would be good for cockerels breeders."

—Miss Nettie Crane, of Blencoe, Iowa, writes that she has only a few Single Comb Brown Leghorn cockerels left, but she is very anxious to sell them. She writes they are from the best of stock and that her breeders scored, males 92½ to 93½ and females to 93 points. The cockerels that she is advertising for sale show their good breeding and those who will write her will be answered cheerfully and promptly and she will quote them real bargains.

—Mr. J. S. K. Campbell, of Morning Sun, Iowa, proprietor of the Forest Grove Poultry Farm, breeds White Plymouth Rocks exclusively. He keeps no other poultry on the farm. In his advertisement which appears on page 16 of this issue Mr. Campbell is quoting a very reasonable price for White Plymouth Rock eggs. Not only is his price reasonable, but he guarantees a hatch of eleven eggs or will replace a sitting at half price. He is now ready to book orders for future delivery.

—On the poultry farm of Messrs. Parker Bros., of Indianola, Iowa, will be found some very good specimens of the Single Comb White Leghorns, the Rose and Single Comb Brown Leghorns and Barred Plymouth Rocks. At present these gentlemen are offering eggs of the above breeds from choice stock. Further, they guarantee 65 per cent of these eggs fertile. This is certainly an attractive proposition. Their prices are moderate and may be learned by referring to their advertisement on page 16.

—Mr. S. M. Compton, of Newton, Iowa, in ordering a change in his advertisement, writes that he has had a splendid trade this winter from his advertisement in The Homestead, having already sold over \$225 worth of stock and has eight White Rock cockerels and about three dozen hens and pullets to spare. Turkeys and ducks all sold except three toms and one drake. Mr. Compton says he has not heard from a dissatisfied customer this winter, but has heard from lots of them that were well pleased.

—We desire to call the attention of our readers to the new advertisement on page 16 of Mr. W. J. Smith, of Campbell, Iowa, who breeds Barred Plymouth Rocks, White Wyandottes and Mammoth Bronze turkeys. Mr. Smith has now for sale some choice Mammoth Bronze turkeys sired by a son of Kansas Traveler. He can furnish our readers with White Wyandotte cockerels and Barred Plymouth Rock pullets. His stock is all first-class and prices will be made right. He can supply eggs in season. He also has

## WRITE TO US BEFORE YOU BUY AN INCUBATOR

We Can Save You Money Only \$7.90

We buy material to the best advantage. We manufacture at least expense. Victor machines give you most for your money as our free books will show. Just say on postal "Send Victor Book" and tell us the size machine you want and let us give you our special prices. Geo. Ertel Co., Quincy, Ill.



a 220-egg Cyphers' incubator and brooder in first-class condition for sale.

—Mrs. Laura Mather, of Clarksville, Iowa, in furnishing copy for her new advertisement that appears on page 16 of The Homestead, writes: "I have a beautiful flock of excellent Rose Comb Brown Leghorn fowls that are of a fine laying strain. They are of good size and have full range of the farm. They will give good satisfaction. Write me for prices on large orders."

—Mrs. H. J. Hess, of Waterloo, Iowa, writes: "I still have three very fine Mammoth Bronze turkey toms for sale that weigh twenty-eight to thirty pounds, finely marked. Also, fine Mammoth Bronze pullets that weigh fifteen to nineteen pounds, at prices that are right. Some extra fine White Wyandotte cockerels with fine low rose combs, yellow beaks and legs, and pure white plumage, at prices that are very low, and Rose Comb Brown Leghorn cockerels that are good ones, prices very reasonable. Some choice pullets and yearling hens in dozen lots. They are a heavy laying strain and will be priced reasonable, quality considered."

—On page 16 our readers will find a very interesting announcement made by Mr. W. A. Hartman, of Winterset, Iowa, regarding prize-winning birds and eggs of the Barred Plymouth Rock breed. Mr. Hartman has been in the business for twelve years, and has always believed that there was a great future for his breed of fowls. His sixteen-acre farm near Winterset has every convenience for raising poultry and it has always been a very profitable institution. The colony plan of breeding is in practice and flocks are kept separated to insure a high degree of health and vigor. Most of the prize winners at the Winterset Poultry Show have been from this flock. Mr. Hartman has been honored as president of the association and under his administration the organization has done much to further the interests of poultry breeders.

—Readers wanting eggs from Barred Plymouth Rocks, Mammoth Bronze turkeys, Pekin ducks and Toulouse geese, can do no better than to write Mr. S. V. Latcham, of Montezuma, Iowa. Mr. Latcham writes that he is better prepared than ever to supply customers with eggs for hatching. He says: "I have spared no money nor pains in getting the very best that can be produced. My Barred Rocks are of the Hawkins, Thompson, Bright and Bradley Bros. strains, which have won at New York, Boston and St. Louis World Fairs. My breeding males score 92 to 94 and weigh as high as fourteen pounds. Have refused some tempting offers for some of my birds. They are grand in size and bone, as well as markings, which is the result of many years of successful breeding of the Barred Rocks and I feel confident that I am offering eggs from the choicest of stock and my egg customers will

## Free Book For Men



A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, Etc. This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

DRS. FELLOWS & FELLOWS CO.,  
323 Rollins Bldg., Des Moines, Iowa.

## SALT RHEUM QUICKLY CURED FOR 50 CENTS.

SPOT CASH GUARANTEE WITH EVERY BOTTLE.  
DR. BELDING SKIN REMEDY  
is an External, Colorless, Instantly Absorbed Liquid Remedy that quickly cures Salt Rheum (Eczema), Tetter (Herpes), Scald Head, Scaly or Scabby Eruptions of the Skin, cures Chafing, Cracked Hands, Rough Skin. Strongly endorsed by Doctors, Nurses and all Users. Thousands have been cured of terrible suffering who were afflicted from 10 to 50 years. If your druggist cannot supply you, name this paper and write direct to us for our best offer and illustrated book. Address  
DR. BELDING MEDICINE CO., Minneapolis, Minn.



not be dissatisfied when chicks are grown. I guarantee good hatch and safe delivery. Parties intending to order eggs will do well to write for my free catalog. See advertisement on this page.

Messrs. Peterson Bros., of Indianola, Iowa, breeders of choice poultry, have chosen this issue of The Homestead to announce that they have some very good things to offer poultry breeders. This is one of the flocks that have been winning first prizes at the Iowa State Fair. There will be found on this farm some very choice specimens of the Golden, Silver and Buff Wyandottes, Barred Plymouth Rocks and White Leghorns. There will also be eggs for sale, and any of our readers who desire to buy any of this kind of stock will do well to write for description and prices. See advertisement on this page.

#### A BIT OF INCUBATOR HISTORY.

The above is the heading of a very interesting chapter in the late catalog of the Petaluma Incubator Company, of Petaluma, Cal. Anyone reading it will learn something which, very likely, he did not know before, namely, that the Petaluma Incubator was one of the very first incubators that proved a success and was offered to the poultry raisers of the country in a commercial way. The Petaluma was at the first, and has always remained, a business incubator. It has always had men behind it who were enthusiasts and eminently successful in the poultry business. They chose the redwood of California for their wood material. There is nothing known to the lumber trade that is any better for the purpose. The plan and the devices are of the best. Their nice control of the heat and ventilation have always been the wonder of poultrymen. It is claimed that in holding to a uniform temperature under all conditions it stands among the very first of all incubators. The results are uniformly high, which, of course, is the highest test of any incubator. The Petaluma company maintains an eastern branch at Indianapolis, to facilitate distribution of their machines. They pay freight all over the country. No one need be deterred from getting the famous Petaluma on account of freight charges. The catalog reveals the fact that the price is not greater than other leading incubators and brooders, and those prices mean for the goods delivered at the buyer's station. Write to the company, either at the Petaluma or Indianapolis address if you are interested in incubators or early incubator history. The advertisement on page 14 gives particulars of address.

#### POULTRY.



#### 219 Egg Strain Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

W. A. HARTMAN,  
Winterset, - Iowa

**POULTRY BREEDERS:** Now is your chance to get choice M. B. turkeys, sired by son of Kansas Traveler, White Wyandotte chicks, and Barred Plymouth Rock pullets. All stock first class. Prices right. Eggs in season. Also one 220 egg Cyphers' incubator and brooder in first-class condition. W. J. Smith, Campbell, Iowa.

**LEGHORNS AND ROCKS:** Eight years breeders of B. P. Rocks, Single Comb White Leghorns, Rose and S. C. Brown Leghorns. We offer eggs from choice matings with guarantee of 65% fertile at \$1 for 15, \$3 for 100. Barker Bros., Indianola, Iowa.

**CHERRY HILL POULTRY FARM.** BREEDERS of Golden, Silver and Buff Wyandottes, B. P. Rocks and S. C. White Leghorns. First prize Iowa State Fair. Stock and eggs for sale. Peterson Bros., Props., Indianola, Iowa.

**WYANDOTTE EGGS.** BUFF, Golden and Silver Laced, \$1.50 for 15; \$2.50 for 30; \$3.00 per 100. We guarantee at least 3 chicks per sitting; if not, eggs replaced at half price. Address: A. T. Anderson, Indianola, Iowa.

**BARRED PLYMOUTH ROCKS**  
WHITE FOR PRICES TO  
MRS. L. L. WHITE, HARTWICK, IA.

**BUFF WYANDOTTES.** Pen No. 1, first pen Iowa State Fair 1906, also first pen at Winterset, Ia. Pen No. 2, headed by 1st cockerel at Indianola, Ia. 94%. Eggs \$1.50 for 15. A. E. Goodman, Indianola, Ia.

**PURE BRED Single Comb Black Minorca** eggs, 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

**PLYMOUTH ROCK EGGS** Barred and Buff, score 90 to 93 respectively. \$1.50 for 15; \$2.50 for 30. Guarantee 65% fertile. L. T. Calhoun, Indianola, Iowa.

**LEGHORNS** S. C. Brown and White. Birds score to 96. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianola, Iowa.

**WHITE Plymouth Rock** eggs, Fishel strain. 25 eggs \$1.00; 50, \$2.25; 100, \$4.00. Extra good flock, score up to 94, farm range. Mrs. O. J. Early, Bristow, Iowa.

**BUFF Rock** eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Rink & Son, Shelby, Iowa.

**BUFF COCHINS.** 1 MALE, 9 females, \$10. A bargain, first money gets them. A. B. Adams, Altoona, Iowa.

**SILVER LACED WYANDOTTE EGGS** FOR \$1.40 for 25, 100 for \$4. Twenty years a breeder. O. M. Ifealy, Bedford, Iowa.

**200** Barred Plymouth Rocks, scoring 89 to 92, bred for laying and fine plumage, large and vigorous. \$1.00 to \$5.00. C. G. Good, Ogden, Ia.

**M. B. TURKEYS,** both sexes. Black Langshan cockerels scored and unscored, also Pekin drakes. Mrs. A. Kibben, Audubon, Iowa.

**FOR SALE—Eggs** from choice White Plymouth Rocks. Plumage white throughout. Write for prices. R. M. Noble, Riceville, Iowa.

**SILVER Laced Wyandottes,** some choice chicks, that will be sure to please you. \$1 to \$3 each. Eggs \$1.50 per 15. H. G. Smith, De Soto, Iowa.

#### POULTRY.

### BARRED PLYMOUTH ROCK

— EGGS FOR HATCHING —

Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Ringlet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

MRS. E. F. ESCHER, Manning, Iowa

**50 FINE**, large Barred Plymouth Rock cockerels yet for sale, also 2 dozen hens and pullets, a fine lot of Pekin ducks, both drakes and ducks, weight 7 to 9 pounds and scoring 97 to 98. Will sell cheap to close them out. Mammoth Bronze turkeys and Toulouse ganders all sold. Write Mrs. Silas Cobbe, Evergreen Poultry Farm, Marathon, Iowa.

#### Mammoth Bronze Turkeys at Special Prices.

THEY are good, large bone, good shape, good white markings and extra bronze. Score cards with each bird. Eight Pekin drakes. Barred Rocks all sold. Eggs in season. G. M. GRINSTEAD, Mitchellville, Iowa

**MAMMOTH BRONZE** White Holland turkeys Barred and White P. Rocks. Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

**60 BARRED** Plymouth Rock cockerels, \$1.00 to \$3.00 each. Are of Bradley and Russell strains, are large bone, well barred to the skin, weight from 7 to 10 pounds, are from birds scoring from 91 to 92½ points and from cockerel that won first at Des Moines State Fair. Address, Geo. Bonewell, Grinnell, Iowa.

#### B. P. ROCK EGGS FOR HATCHING

FROM Bradley Bros. strain. For orders received before March 20 will price them at \$1 for \$1.50, 45 for \$3.00, 100 for \$6.00. Cannot guarantee to fill orders after March 20th. Geo. H. Lawshe, It. 3, Harlan, Ia.

#### 400 B. P. ROCKS FOR SALE.

LARGE boned and nicely marked with that deep blue barring; sexes scoring 91 to 93 at Newton and Monroe poultry show, 1906, they won 16 prizes 9 of which were first! Nothing but first class stock shipped and will be priced reasonable. J. W. Wagner, Monroe, Iowa.

#### BARRED PLYMOUTH ROCK AND SINGLE COMB BROWN LEGHORN

EGGS for hatching. Every bird in our breeding pen scores from 90 to 95½. Eggs for balance of season \$1.50. H. A. Trimble, Indianola, Iowa.

I HAVE a fine lot of cockerels from Barred Rocks, Silver Laced Wyandottes and Light Brahmas that I will sell at December prices; just drop me a card. Wm. Mitchell, Lawler, Iowa.

#### RICHARDS' BARRED ROCK EGGS

Send for free circular. H. Richards & Son, Toledo, Iowa.

#### ROSELAWN FARM.

WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

**SINGLE COMB W. Leghorn** cockerels at \$1.00 each. Pure bred and fine birds that will please. A few Barred Plymouth Rocks. Eggs in season. Robert Holm, R. F. D. 1, Patou, Iowa.

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. I. Grundy Center, Iowa

**MAPLE GROVE Poultry Farm.** Pure bred B. and W. Langshans, Lt. Brahmas, M. B. turkeys, scored and unscored. Mrs. S. E. Newell, It. 6, Audubon, Ia.

**1 FINE W. H. tom** \$5. P. C. cocks and chicks, \$2 to \$5. If chicks guaranteed or replace sitting at half price. W. H. turkey 25c each. Mrs. Floy Collins, Viola, Ia.

**WHITE P. Rocks** exclusively. Eggs \$1.50 per 15; if chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisiana Co., Mo.

**UPLAND Poultry Farm** eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Iowa.

**40 BREDS** hardy, thoroughbred turkeys, geese, ducks and chickens. Fowls and eggs. Prices low. Catalog free. R. R. Neubert, Mankato, Minn.

**CHOICE** Mammoth Bronze turkeys, both sexes, large boned, fine plumage, best strains. Prices reasonable. Mrs. C. C. Kitz, Madelia, Minn.

**S. C. BROWN** Leghorns and Barred flock chicks. S. C. Single bird \$1.25, two \$2.25, three or more \$1 each. Franz Bollman, Wall Lake, Iowa.

**SILVER-LACED WYANDOTTES**, Pekin ducks. S. choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

**CHOICES** S. L. Wyandotte cockerels of good size, also S. C. B. Leghorn cockerels. Mrs. B. De Jaeger, R. F. D. No. 6, Waterloo, Iowa.

**20 FINE** Black Langshan chicks, \$2 to \$4, from stock scoring to 95. Eggs 20 for \$1.00, 40 for \$1.00. Mrs. Geo. Tutt, Marathon, Iowa.

**100 FULL BLOOD** Black Langshan cockerels, \$1.00 each. B. F. Read, Route 1, Blairburg, Iowa.

**CHOICE** S. L. Wyandotte chicks, W. Wyandottes, Lt. Brahmas, both sexes for sale. Mrs. Edith Eygabroad, R. 1, Grundy Center, Ia.

**THIRTY-FOUR** Mammoth Bronze toms at \$5.00 each. Good Houen drakes at \$1.50 each. J. H. Howarth, Moulton, Iowa.

**WHITE Wyandotte** cockerels, unscored. \$1.25 for 1, two or more \$1 straight. Mrs. L. M. Estes, Route 2, Audubon, Iowa.

**LIGHT BRAHMAS** bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spalt, Box 7, Pleasantville, Iowa.

**400 BARRED** Plymouth Rocks and White Wyandottes cockerels and pullets. W. C. Frazier Atlantic, Ches Co., Iowa.

**125 WHITE** Plymouth flock females, \$1.00 to \$4.00. 13 varieties. Circular. Burton J. Holt, Pleasantville, Iowa.

**BARRED** Rock cockerels \$1.50 to \$5. Score 88 to 93. Eggs in season, \$1.50 for 15. L. R. Kune, Adrian, Michigan.

**"SPECIAL**, high-class snappy lot, Barred Rocks, C. cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

#### POULTRY.

### Barred P. Rocks

E. B. Thompson Strain.

LARGE, heavy boned birds for the farmer and fancier. Scored by Heimlich. Will sell at public sale, February 28th, Poland China bred sows and Shorthorn cattle. Farm joins Alta, Iowa. Telephone No. 87. Write for catalog.

J. A. PENN, -:- ALTA, IA.

#### BARRED PLYMOUTH ROCK EGGS.

**15 FOR** \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Free catalog free.

S. V. LATCHAM, - Montezuma, Iowa

#### 30 CHOICE

Single Comb White Leghorn Cockerels

All good ones and from the very best of stock.

Address, JNO. C. MILLER, - Harlan, Iowa

#### 15 BREDS farm raised chickens,

ducks, geese and turkeys; incubators, brooders and poultry supplies; send 2 cents for large incubator and poultry catalog. Address

H. H. HINIKER, MANKATO, MINN.

#### EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-H Audubon, Ia.

#### EMBDEN GOOSE EGGS

**10 PAIR** big white beauties, mated. Not akin; good hatches and easily and quickly raised. Grow the finest feathers of any other goose and more of them. Write

MRS. LOLA SCHEE, R. R. No. 2, Farmington, Iowa

#### Barred Plymouth Rock Eggs For Hatching.

**\$1.50** PER 15; \$2.50 per 30; \$4.00 per 45. Parent stock direct from Bradley Bros. and W. H. Neibert strains. Males and females are clear barred to hide and scoring to 92 and 91 respectively. Write C. C. DRAKE & SON, La Harpe, Ill.

#### BARRED PLYMOUTH ROCK EGGS

**15 FOR** \$1.45 for \$2.10 for \$4. from as fine a flock of hens as any man has. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Boue, Montezuma, Ia.

**ROSE** Comb Brown Leghorns, exclusively. Eggs from stock scoring 92-93½ by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 50; \$3.50 per 100; \$6.00 per 200. E. R. Stewart, Charles City, Iowa.

#### Mammoth Bronze Turkeys.

**S**cored by a 96-point, 45-pound tom. Toms, \$5.00, hens, \$3.00. GUY W. OFFILL, - Prairie City, Iowa

**WE** have about 150 B. P. Rock pullets and chicks for sale from stock scoring to 92. We are crowded for room and will sell low. Also have a few young M. B. toms. Heury Schlatter & Sons, Lawler, Iowa.

**ROSE** Comb Brown Leghorn, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

**CHOICE** M. B. Turkeys, R. C. B. Leghorn cockerels; also hens and pullets by the dozen, fine laying strain; and White Wyandotte cockerels at reasonable prices. Mrs. H. J. Hess, Waterloo, Ia. R. F. D. No. 6.

**WHITE P. Rocks**, B. Langshans, S. L. Wyandotte chicks, scored and unscored. Satisfaction guaranteed, prices right. Mrs. Cora E. Berger, Harlan, Ia.

**MAMMOTH** Bronze turkeys, descendants of a 52 lb. tom White Pekin ducks. Fourteen years a breeder. S. W. Allen, Bethany, Harrison Co., Mo.

**BUFF** Rocks for sale—150 pullets, hens, cocks and chicks, scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steidom, Lacey, Ia.

**EGGS** for hatching from W. Wyandottes scoring from 93 to 96½. Price \$5 for 100. W. H. toms and Imperial P. ducks. Mrs. C. F. McLochill, Gray, Ia.

**CHOICE** B. R. chicks, also breeding pens from high scoring stock, leading strains, M. T. ganders. Priced right. Mrs. Jas. Cockerton, Whiting, Iowa.

**WHITE** Wyandottes exclusively; prize winners, great layers, pure white; young chicks, \$2 to \$5. Eggs, \$3 for 15. J. H. McGrahan, Indianola, Iowa.

**FOR SALE—Mammoth** Bronze turkeys of both sexes, also B. P. Rock cockerels from prize-winning stock. Mrs. T. O. Cooper, Kulerim, Iowa

**HERE** we are again with Choice M. B. turkey toms, also S. C. B. Leghorn cockerels. Have but limited number left. C. L. Cole, Geneva, Iowa.

**FOR** sale, M. B. turkeys, fine young stock. Hens weigh from 15 to 18 lbs., toms 25 to 28 lbs. Prices reasonable. Henry O. Miller, Bristow, Iowa.

**LIGHT** Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

**FOURTEEN** Toulouse Geese at \$2.00 each—Eggs at 15 cents each. White Wyandotte eggs at \$1.50 for 16. H. M. Almy, Greenwood, Neb.

**MY** ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

**FOR** SALE—Eggs from White Wyandottes of fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

**MAMMOTH** BRONZE Turkeys, scoring from 94 to 96, Barred Rock cockerels, scoring 89 to 92½ pts. Mrs. P. L. Carroll, Hampton, Iowa.

**ROSE** Comb BROWN LEGHORNS—Cockerels, six for \$5.00. Eggs that hatch. Address, Ella Tharp, Mt. Sterling, Iowa.

**PIGEONS** for sale cheap. Thoroughbred Homers for squab raising. John G. Viles & Son, Vinton, Iowa.

**ROSE** Comb Brown Leghorn eggs, 30 \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Iowa.

**CHOICE** Black Langshan cockerels for sale. C. Eggs in season. Mrs. F. H. Jewell, Bristow, Iowa.

#### POULTRY.

### Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

Mrs. B. F. Wilcoxon,  
Fort Des Moines, - Iowa.

**Mammoth Bronze and White Holland**  
Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Dancer, Lamoni, Iowa.

#### Westview Poultry and Stock Farm

LIGHT Brahma cockerels and pullets. Barred Plymouth Rock cockerels at a bargain. Write me.

Mrs. J. C. Weber, - Montezuma, Ia.

#### Cedar Lawn Poultry Yards.

**QUX** cockerels scoring from 90 to 91½ at \$3.00 each. S Three doz. pullets that will score from 90 to 92 points, \$1.00 each or six for \$5.00; \$10.00 per dozen. W. J. APPLEGATE, - New Sharon, Iowa

#### BLACK LANGSHAN COCKERELS

**FOR** SALE—My unscored cockerels are excellent and I will close them out at \$1.25 each. My scored cockerels score from 91 to 94 points and are fine vigorous birds. These I will sell at \$2.00 to \$2.50 and guarantee satisfaction in all shipments. Mrs. J. H. Allen, - New Sharon, Iowa

**Mike's S. C. Buff Orpington Ranch.** EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94, 15 eggs \$2.00, 25 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 25 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

#### WANTED TO BUY

**BUFF** Orpington eggs, Rose and Single Comb Rhode Island Red eggs in large lots. Write stating what you have, giving lowest price. Deas Swift Poultry Co., Des Moines, Iowa.

**BARRED** Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92½ points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7½ to 11 pounds. Price \$1 to \$3. Write your wants to M. A. Easthouse, Hartley, Iowa.

H. C. CLYMER, Bertram, Ia.,

**HAS** 15 extra fine large young Mammoth Bronze turkey toms weighing 25 to 31 lbs. each. These toms are of the noted Giant Jumbo King strain. Write your wants.

#### White Holland Turkey Eggs

**FOR** SALE, also Barred Plymouth Rocks from high scored birds. Mrs. Jessie Teale, Route 1, Lamoni, Iowa.

#### GREAT SQUARE DEAL STRAIN

**WHITE** Wyandottes, large, blocky birds, greatest of all winter as well as summer layers. Send for our free illustrated folder before you buy any eggs for hatching. North West Poultry Yards, Preston, Iowa.

#### SPRINGWATER FARM POULTRY

**A** FEW choice M. B. toms and hens for sale all scored and a fine lot; will sell reasonable for quality of stock. Address, Whisler Bros., Fairmount, Iowa.

**BARRED ROCKS** for sale, one hundred cockerels and 50 hens and pullets. Cockerels scored and unscored, scoring from 91½ to 88, 87, mating up breeding pens a specialty. Eggs in season, circular free. The Evergreen Poultry Farm, Mrs. Eva Girard, Schleswig, Iowa.

**SINGLE** Comb Brown Leghorns, Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$5.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

**ROSE** and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

**OTTUMWA** Poultry Yards. Light Brahmas exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

**BARRED** Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa.

#### ROSE COMB WHITE LEGHORNS.

— Write for prices. —

M. T. McEvoy, - Emmetsburg, Iowa

**FOR** sale, Light Brahma cocks and chicks, White Wyandotte chicks and pullets. Eggs in season. Write wants to L. C. Dale & Son, R5, Webster City, Ia.

**MAMMOTH** Bronze toms; Barred P. R. eggs, \$1.00 per 15, \$4.00 per 100; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Iowa



### Echoes From a Kansas Farm

By Henry Hatch

It doesn't pay to lend or borrow tools. Either leads to trouble, and trouble doesn't make neighbors.

The auctioneers have reaped a rich harvest this winter. We know of some very common workers in this line to net \$1,000 in February. That beats poultry raising, even.

On the day when Weather Prophet Hicks was going to have a "terrific blizzard sweep the plains," we put in the whole time plowing, and have been plowing ever since. It is safer to predict a storm after it's all over.

There is no hanging back from field work this spring, except by the usual few. We have learned a lesson down this way, which is, put in every day of fine weather, working in the fields. The bad weather may come later on.

Some folks imagine the all-purpose horse should weigh about 950 pounds. There is no purpose at all about such a horse, except to travel on the roads a little, and he is not much good there unless roadster bred. Coming right down to the full meaning, there are very, very few all-purpose horses.

One of our neighbors believes that a farmer cannot afford to raise horses and sell them, when ready to go into work, for \$100. We believe he is more than half right. A little spindle-shank, "yaller" four-year-old costs as much to raise as the big, blocky drafter, and the drafter is what calls for over \$150, at present prices.

Every year we threaten to have something done to the corn stubble, before plowing, but we are going ahead in the same old way, without cutting them down. Harvester companies have made an attachment called a stub cutter, which is attached to the corn binder, and cuts the stubs close to the ground,

after the fodder has been cut. Not one horse in a hundred will walk straddle of a stub row.

Here with us where our soil works just a little tough, if not frozen deep a few times during the winter, four horses on a sixteen-inch sulky plow do not go bad. Four will walk a plow along all day, doing better than three acres, and you do not feel timid about getting down deep enough. All implement dealers now sell four-horse eveners that work well on sulks, placing one horse in the furrow and three on the unplowed land.

One of the standard plow companies recommends using a strung-out hitch for four horses. They make an even which is claimed to compel both lead and tongue team to do an equal share. The only advantage of this arrangement would be in hot weather. Four abreast makes it hot work for the center team. We imagine a fellow would have just a little fun breaking in a "foxy" team for leaders, when plowing around bends along the creek and crossing little ditches.

We wonder if any reader of this paper still has in commission the old style two-wheeled plow, of the "Gilpin" type. A neighbor used one up to about two years ago. The plow set about a rod behind the driver's seat, and a fellow, in looking to see if the plow was scouring, as a fellow unintentionally does, could strike out a land about as straight as some of the elections of United States senators. The man who says there has been no improvement in machinery making does not know what he is talking about.

A plow should be sold with two shares, the same as a mowing machine with two sickles. A fellow doesn't like to run to the shop every little while, right in the rush of spring plowing, to get a share sharpened. With two shares, he can often send one in by a neighbor, while he goes right on plowing, or he can plow until both are dull before making the trip to the shop. We are not much on going to town. Once a month is often enough for us. Many spend one whole day out of each week in town.

Some of the local merchants have just caught onto a way to compete with the mail order houses. They sell for cash, and cash only, and keep from one to three teams on the road all the time, delivering goods to the farmers' door-yard and taking the produce. Very often just one of the teams on the road will do a larger amount of trading in a day than the store in town does. The telephone from the farm to the town helps to complete the chain. There is no use in trying to blackguard the mail order house. The more the local merchants do this the greater the trade that goes out of the country.

#### J. W. & J. C. Robison's Sale of Percheron Stallions and Mares.

The sixth annual sale of Percheron stallions and mares from the White Water Stock Farm held at the new sale pavilion at Wichita, Kan., by Messrs. J. W. & J. C. Robison, of Towanda, Kan., was attended by breeders from every state in the union. The new sale pavilion was taxed to its utmost capacity. Casino (45462) 27830, at the head of White Water Falls Stock Farm stud, was greatly admired by everyone present. He was winner of first prize and reserve senior champion at the World's Fair in 1904, and among many other prizes was the gold medal awarded him at the recent American Royal at Kansas City, Mo. The offering was an excellent one and good prices ruled, as will be noted by list below. Col. J. W. Robison, senior member of the J. W. & J. C. Robison firm, made a few remarks before the opening of the sale. His remarks in regard to the breeding of Percherons for the coming generation, being a breeder of them for the past fifty years, was listened to very attentively. The sale, as a whole, was a grand success. No. 28 of the catalog, Hyatt 41024, black, foaled July 15, 1903, sired by Cadix 24670 (44497), dam Queen (41022), a young stallion of extraordinary size and quality, and a promising one, brought \$1,600, which was the top price of the sale. He was purchased by Mr. Leon Magette, of Braman, Okla. Mr. M. P. Early, of Harveyville, Kan., paid \$1,500 for the second highest, No. 24 of the catalog—a three-year-old stallion by Clunney 24444 (43773) out of Corinne II. 14111; was a prize winner at the Kansas State Fair in 1904. Casino Jr. 41398 sired by Casino 27830 (45462), dam Rosa Bonheur 11324 (10382), champion of France for two years, goes to Denver, Colo., for \$1,250, the present owner being Mr. M. J. Dunlevy. Colonels Harriman, Sparks, Brady and Arnold did the work in a very satisfactory manner. Below you will find a full list of sales:

Lot.	Name	Price.
1	Morton Bros., Nebraska City, Neb.	\$ 900
2	F. H. Foster, Lyons, Kan.	600
3	John Brindle, Garrison, Kan.	655
4	Petty Bros., Sedalia, Mo.	505
5	R. J. Northwell, Fort Morgan, Colo.	785
6	W. P. Tabor, Chillicothe, Texas.	750



## Are You Up-to-Date on Paint?

The way to *profit by progress* is to keep in step with it. There is no more reason for mixing paint in the old-fashioned hard, hand way than there is for plowing with a stick, reaping with a cradle, or driving to town for your letters when there is a rural mail box on your gatepost.

Untiring, unerring machinery does the work for you now—far better and surer than human hands could ever do it.

## Lowe Brothers

### "High Standard" Paint

#### Gives Best Results

It is always uniform—one gallon like another—each fresh brushful like the last—the best paint-making materials, combined in the proven "High Standard" proportions, and ground superfine. Don't figure your paint cost on price per gallon, but on square feet covered, and total cost, divided by number of years of service. Judged in this way, "High Standard" Paint is by far the *cheapest*. "High Standard" will cover one-third more square feet to the gallon, and last two to three years longer than ordinary paint. There is a Lowe Brothers Paint for every requirement about farm and home—Barn Paint, Implement Paint, etc., etc. Use "Little Blue Flag" Varnish—the best.

The best handbook on the paint subject is our booklet, "Paint and Painting," which tells you how to select paints; how to prepare surfaces for painting; how to choose brushes, how to use them, etc., etc. This valuable booklet will be mailed *free* if you will write for "Paint and Painting," and we will tell you who is your nearest "High Standard" agent. Address today.

**The Lowe Brothers Company, 450-456 Third St., Dayton, O.**  
Paintmakers Varnishmakers  
New York Chicago Kansas City



## Buy Wright's Stock Feeder Before April 1st.

It saves a great amount of feed and labor, and helps develop a more uniform lot of pigs. Everybody who has tried it says a good word for it, experiment stations, hog raisers, sheep men, etc. Many of them say it more than pays for itself every year. No wasted feed. No runs when the feeder is used. Every pig has his place and gets his share of the feed; and the best of it is it doesn't cost much. I really ought to have more money for it, but have been able to make favorable arrangements for material and therefore have decided to give my patrons the benefit, and on all orders mailed me on or before April 1, 1907,

### The Old Price of \$10.00, Freight Prepaid,

still holds good. This includes the right to manufacture other feeders for your own use; worth this amount in itself. Positively no orders filled at this price after April 1st. Order at once if you want the feeder. You'll never regret the investment. Booklet illustrating and describing the feeders if you want it. Address all correspondence and orders to **C. A. WRIGHT, Rosendale, Mo.**

This is it—Invaluable for Feeding Pigs, Sheep and Calves  
Also breeder of registered Duroc Jersey Hogs.

## RUPTURE CURED!

Our method effects positive, permanent cures in a single treatment without use of knife, truss, or appliance of any kind. NO danger, NO delay. You discard your truss at once and forever. Do not pay us a dollar until cured. Send for Free Book.

**DR. H. H. DEPEW,** Suite 211-212 Chicago Opera House Building, CHICAGO, ILL.



No. 4. Single Strap Harness with Curved Breast Collar. Price complete \$11.25. As good as sells for \$5.00 more.

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No. 654. Top Buggy with Late Automobile Style Seat, Bike Gear and 4 in. Guaranteed Rubber Tires. Price complete, \$68.00. As good as sells for \$25.00 to \$30.00 more.

### FLOWERS GIVEN AWAY



This handsome picture of a most magnificent bouquet of red and yellow roses, with 14 in. gold border, given absolutely free with every three months' trial subscription to **The Mother's Magazine** at 10 cents. The Mother's Magazine is the handsomest large illustrated home and family magazine published—artistically illustrated, colored covers and 40 pages of reading every month. The picture is 16 x 20 inches in size and is reproduced in many beautiful colors. It will add much to any dining room or parlor. Ready for the wall when received. Send 10 cents to-day (stamps or silver) for the magazine three months and ask for picture number 655. Both will be sent you at once. Money back if you are not delighted.

Address, **THE MOTHER'S MAGAZINE, Elgin, Ill.**

7	W. F. Young, Meriden, Kan.	760	5	E. J. Brown, Osceola, Neb.	125.00
8	H. O. Thorn, Norwich, Kan.	630	6	J. F. Conner, Clarks, Neb.	82.50
9	W. P. Tabor	610	7	Albert Anderson, Osceola, Neb.	80.00
10	C. A. Harader, Arkansas City, Kan.	465	8	L. H. Eyer, Gresham, Neb.	65.00
11	Morton Bros.	800	9	W. H. Cottrell, Osceola, Neb.	72.50
12	W. A. Sargent, Fort Morgan, Colo.	600	10	J. W. From, Osceola, Neb.	57.00
13	M. J. Dunlevy, Denver, Colo.	1,250	11	E. J. Brown	75.00
14	Wm. Branson, Overbrook, Kan.	645	12	G. W. Gowdry, Thayer, Neb.	60.00
15	C. A. Harader	405	13	C. L. Shidner, Stromsburg, Neb.	77.50
16	Morton Bros.	800	14	R. N. Youngquist, Stromsburg, Neb.	60.00
17	A. W. Smith, Narka, Kan.	410	15	P. T. Larsen, Clarks, Neb.	71.00
18	Thistler Bros., Chapman, Kan.	500	16	J. W. From	77.50
19	T. R. Manning, Shriver, Kan.	400	17	A. Shiner, Stromsburg, Neb.	50.00
20	L. E. Fife, Newton, Kan.	620	18	T. J. Clark, Osceola, Neb.	50.00
21	C. F. Molzen, Newton, Kan.	535	19	H. Gawdy, Thayer, Neb.	51.00
22	C. F. Molzen	500	20	J. E. Holt, Osceola, Neb.	52.00
23	M. P. Early, Harveyville, Kan.	1,500	21	R. Stevenson, Gresham, Neb.	53.00
24	Thistler Bros.	800	22	G. E. Samuelson, Osceola, Neb.	62.00
25	O. L. Thistler, Jr.	1,600	23	O. L. Bird, Gresham, Neb.	50.00
26	Leon Magette, Braman, Okla.	525	24	O. C. Larsen, Benedict, Neb.	60.00
27	C. A. Harader	525	25	Lowell Van Allen, Gresham, Neb.	70.00
28	Same	735	26	Geo. Samuelson	56.00
29	A. W. Smith	495	27	R. Momee, Osceola, Neb.	52.50
30	W. H. Frazier, Lancaster, Kan.	925	28	R. N. Youngquist	60.00
31	G. W. Herdman, Pond Creek, Okla.	560	29	P. T. Larsen	55.00
32	C. B. Augustine, Pontiac, Ill.	610	30	M. Mooney, Stromsburg, Neb.	55.00
33	W. A. Sargent	410	31	J. H. Bradley	65.00
34	Geo. O. Edris, White Water, Kan.	950			
35	Rogers & Tabor, Chillicothe, Tex.	605			
36	F. J. Dudley, Iola, Kan.	605			
37	Geo. Pidduck, Scranton, Kan.	1,005			
38	C. P. Barrington, Selma, Kan.	400			
39	Evan Kerns, Sedgewick, Kan.	345			
40	Geo. O. Edris	460			
41	N. E. Stucker, Ottawa, Kan.	600			
42	R. C. Dual, Bucklin, Kan.	625			
43	Thistler Bros.	510			
44	Geo. Cinnamon, Garber, Okla.	410			
45	R. A. Fisher, Seneca, Kan.	500			
46	Millard Lee, Severy, Kan.	425			
47	J. H. Daily, Douglas, Kan.	600			
48	M. F. Strong	325			
49	W. C. Baum, White Water, Kan.	665			
50	A. P. Scherhorn, Rifle, Colo.	410			
51	F. A. Pautz, Hiawatha, Kan.	500			
52	M. L. Du Chane, Great Bend, Kan.	400			
53	Same	410			
54	F. H. Foster	500			
55	G. B. Allen, Meade, Kan.	800			
56	M. J. Dunlevy	810			
57	Morton Bros.	600			
58	M. S. Thomas, Kansas City, Mo.	900			
59	C. P. Albert, Glenelder, Kan.	600			
60	G. B. Allen	800			

#### C. W. Huff's Sow Sale.

On February 13th Mr. C. W. Huff, of Mondamin, Iowa, made a very successful Duroc Jersey sow sale. He had a good crowd and bidding was spirited throughout—sold forty-five head in about one and one-half hours. Several breeders were in attendance and took some of the good ones. The local buyers were also very much in evidence and helped materially in the success of the sale. The top price was \$53 for No. 1 of the catalog, going to Mr. M. S. Ellis, of Missouri Valley, Iowa, he also buying several other good ones. But three head sold under \$25; forty-five head averaged \$33.66. Those selling for \$30 and over are as follows:

Lot.	Name	Price.
1	M. S. Ellis, Missouri Valley, Ia.	\$53.00
2	Same	52.00
3	Same	38.00
4	A. H. Tannis, Sioux City, Iowa.	45.00
5	Art Alton, Modale, Iowa.	41.00
6	M. S. Ellis	39.50
7	Same	35.50
8	F. Swintz, Blencoe, Iowa.	34.50
9	Jas. Weldon, Mondamin, Iowa.	34.00
10	F. E. Hicks, Missouri Valley, Ia.	39.00
11	Geo. Weaver, Blencoe, Iowa.	41.00
12	F. Swintz	40.00
13	Same	41.50
14	E. B. Ryan, Neola, Iowa.	48.00
15	W. L. Hull, Moorhead, Iowa.	48.00
16	Same	38.00
17	F. E. Hicks	32.00
18	M. Noyes, Mondamin, Iowa.	30.00
19	G. L. Gamet, Mondamin, Iowa.	32.00
20	F. Heinz, Modale, Iowa.	31.00
21	Jas. Weldon	30.00
22	Jno. Mobley, Blencoe, Iowa.	35.00
23	G. L. Gamet	31.00
24	A. M. Ralph, Little Sioux, Iowa.	34.00
25	D. Gamet, Mondamin, Iowa.	39.00
26	C. Melby, Moorhead, Iowa.	30.00
27	Art Alton	31.00
28	G. L. Gamet	37.50
29	Geo. Weaver	33.00
30	Extra. Dick Gamet	30.00
31	Extra. Jas. Weldon	30.00

#### Johnson Makes Good Sale.

The sale of Durocs and Short-horns made by Mr. Axel F. Johnson, at Osceola, Neb., on February 22d was well attended by breeders and farmers of Nebraska, in spite of a stormy, bad day. It was certainly a snappy, even sale and the work of Colonel Callahan on the block and was ably seconded by liberal bidding around the ring. The top price was \$125, paid for No. 5 in catalog, a splendid sow by Improver II. Jr., she going to the well-known breeder, Mr. E. J. Brown, of Osceola, Neb. Below is a list of those selling at \$50 and over:

Lot.	Name	Price.
1	J. K. Bradley, Surprise, Neb.	\$ 90.00
2	Cottrell & Curtis, Osceola, Neb.	125.00
3	C. A. Curtis, Osceola, Neb.	100.00



## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## DIGESTIVE POWER OF COWS AND CALVES.

The fact that there is a considerable difference between the digestive powers of the mature dairy animal and the growing calf is well borne out by observation as well as test. Some work done recently at the Michigan station brought out results along this line that are thoroughly in keeping with general belief.

From a comparative test of feeding whole corn to cows, heifers and calves it was found that where whole corn was fed along with clover hay for roughage there was approximately 23 per cent of the corn that was unmasticated, or not broken up in the process of chewing, by the cows, 11 per cent by the heifers and a trifle over 6 per cent by the calves. With oats the results showed more complete mastication as will be seen by the statement that the proportion of this grain unmasticated by the cows was 12 per cent, by the heifers 5½ per cent, by the calves nearly 3 per cent.

The same amounts by weight of each grain was fed and in the following proportion: Cows, seventy-seven pounds per week; heifers, forty-two pounds per week, and calves, sixteen pounds per week. From these results it will be seen that the amount of oats eaten without being masticated was practically one-half as much as the amount of corn. Arguing from this fact the plan of grinding only the corn where a ration of corn and oats is fed to cows should be a good one, since the cost of grinding this much of the feed should certainly warrant the expense in any case, even for young stock.

The effect of feeding a ration of equal parts of corn and oats was that a still greater amount of the whole grain was unmasticated by the older stock, while with the calves the per cent so passing through the digestive tract was a trifle less than where corn alone was fed. Just why the percentage of unmasticated grain should have been greater in the cows where two grains were fed is not accounted for, though it might be quite probable that the larger particles of food, which was corn in this case, would be in a position during the

process of chewing to prevent the smaller grains from being acted upon. This fact all the more emphasizes the necessity of grinding the harder larger grains in order to secure an evenness in the ration that would induce better mastication.

There is an opinion common that cows derive some of the value of the grain that passes through their digestive tract whole. This is more likely true in the case of animals that are at ease, but in the case of the cow giving a good mess of milk we have a hard working animal. Her ration must be made as easy of digestion as possible. The results secured in this test showed that the grain that was unmasticated and passed through the animal intact was of the same chemical composition as before feeding. From this it would seem that no benefit is derived from grain that passes through the digestive tract unmasticated. It is probably in keeping with practice, too, for a hog will keep in good shape on the droppings where the grain remains intact, while where ground feed is fed there is little desire on the part of swine to pick over the droppings of cows.

It might be interesting here to note that the germination power of the grain passing through the system was affected very markedly, though not entirely destroyed. Of the corn that passed through whole a little over 4 per cent germinated, while of the oats a trifle over 10 per cent grew. The germination test of both grains before feeding was average.

The points to be learned from the above results are that a great deal of grain that is fed whole to the cow passes through her digestive tract unacted upon. Unless it is picked up in the droppings its value has been lost. Moreover, calves masticate whole grain much more thoroughly than older stock. The increased ease with which ground feed is digested should warrant a certain amount of grinding.

## Butter-making on the Farm.

To the Editor of The Homestead.

There is probably no product which nets the farmer more for his labor and investment than butter which has been properly made and marketed. No more labor or trouble is required to make the fancy product than to make "grease," yet "grease" sells at about one-third the price of the first grade butter. When extra dairy butter brings twenty-nine



## TO FARMERS AND DAIRYMEN

It will pay every farmer or every farmer's wife to sit right down and write for Sharples "Business Dairying." This valuable book contains information that can be found in no other book, and will help any dairyman to make his business more profitable. It tells How to Feed, What to Feed, How to Care for Feed, What Foods Produce Greatest Amount of Milk, How to Care for the Dairy Cow in the way to get best results, and the whole book is practical. To get all the good out of your milk you should of course use

## THE SHARPLES TUBULAR CREAM SEPARATOR

It is not only guaranteed to more than pay for itself annually, but the ease with which you can skim, the low can, the self-oiling bearings, the simple Tubular bowl with only one little part inside to wash, the moderate price, are all points you should know about. Send today for the free "Business Dairying" and full information about the Sharples Tubular, giving number of cows you keep. Ask for booklet G. 121

Mrs. J. Renken, Trenton, Ia., says "We cleared \$100.00 in six months off seven cows."

THE SHARPLES SEPARATOR CO.,  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.

## The Empire proves its claims

CLAIMS are words, proofs are facts. Mere claims have often sold goods. Proofs are a record of dollars made. You, or any one else, don't want the cream separator that *claims* the most. You want dollars from your handling of milk.

Therefore you want the *proved* separator, the dollar-making

## Frictionless Cream Empire Separator

Here are some *facts* that will interest you: The Empire Turns the most easily—is practically frictionless;—Is most easily washed—a few simple parts without a cranny or crevice in them;—

Gets all the cream, and the highest quality of cream at that;—

Is durable—will not get out of order—will cost you practically nothing for repairs.

These facts spell dollars for you, if you give them the opportunity.

## Let Us Prove Them

Send for our new catalogue and proofs. Ask for our free dairy books too. They cost you *nothing*, but will show you where you can make *dollars*.

Empire Cream Separator Co.,  
Bloomfield, N. J. Chicago, Ill.

cents, firsts will be about twenty-six cents, with seconds at about twenty cents. The nine cents difference between extras and seconds is not obtained by any secret process, but by the use of a little more care and common sense in the handling of the butter on its way from the cow to the consumer. Butter is not made at the churn, but from the time it leaves the cow until it reaches the table the making or unmaking process is going on.

To make good butter it is essential that one have good milk, which comes only from healthy cows, kept in clean, well ventilated, well drained barns, fed on clean, sweet feed and with plenty of pure water to drink. The utmost cleanliness should be observed in milking. Milkers, as well as utensils which come in contact with the milk, should be scrupulously clean. Immediately after drawing the milk should be removed from the barn to a clean room where the air is sweet and free from dust. If left in the barn for any length of time it will absorb undesirable odors which will be transmitted to the butter. Decaying vegetables, manure or any ill-smelling refuse should never be found near the milk house, for such odors are readily absorbed by the butter.

The centrifugal system of separation has so often had its advantages set forth that we will not consider them here. Before running through the separator the milk should be strained through a metal gauze. After skimming a 30 to 40 per cent cream it should be cooled to a temperature of 50 degrees or lower, with occasional stirring during the cooling. As it is neither practicable nor convenient to churn oftener than two or three times a week on most farms, this cream must be held at as low a temperature as is possible until churning time. Never mix fresh cream with cream of the previous day until the former has been cooled to the same temperature as the latter. Do not place a tight cover on a can of warm cream, as the gases cannot pass off and will affect the flavor of the butter.

The cream should be ripened or soured previous to churning, as the bacteria which cause the cream to sour are also responsible for the desirable flavor of the butter. Ripened cream also produces a butter of superior keeping quality. Also, less fat is lost in the buttermilk with ripened cream. The day before you wish to churn, the cream can may be removed from the water into which it was placed to cool the cream, and allowed to stand at a temperature of from 50 to 70 degrees until sour. Properly



## Do Your Own Thinking

Just because someone tells you that some other Separator is as good as the "IOWA" is no reason why you should believe it. Letting other people do your thinking is too expensive. You cannot afford such luxuries. Investigate for yourself. Use your brains for your own benefit—they were given you for that purpose. If you do this you will discover that there is just one machine which takes out all the cream, and that is the "IOWA." The dairyman is fully entitled to all the profit there is, even to the last cent. He gets it only by using an

## Iowa Dairy Separator

Write today for catalog 25, and let us send you plenty of proof to back up all we say in this advertisement. Separator made in all sizes from 250 to 750 pounds. Invest one cent in a postal card and learn how to save \$100. Do it today.

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

ripened cream has a clean, sour taste and breaks up in chunks when poured. It also has a granular appearance. To secure an even ripening the cream should be stirred at intervals. If cream is over-ripened the flavor of butter will be more pronounced and may become very disagreeable. When this mild acidity is reached the cream should again be placed in the cold water to check the souring process. It can now be held at a low temperature until the following morning when it is ready to



churn. An accurate floating dairy thermometer is necessary in this work, for temperature has great influence upon the quality of the butter. Barrel or swing churns of proper size are convenient for farm work. The common lever pattern butter worker is much more handy and effective than the old bowl and ladle.

The churning temperature will vary between 50 and 58 degrees. As there is a great proportion of hard fats in the butter in winter, the churning temperature must be high or the churning will be needlessly long and tedious. In the summer when the softer fats are in preponderance the churning temperature must be lowered. Fat from cows fed on green feed is of higher color than when fed on dry feed, so the time of year will also govern the amount of coloring to be added. A light straw color is probably most desirable, as there is a growing tendency to use less color in butter. The churn should be stopped and the buttermilk drawn off when the granules are a little larger than wheat kernels. Clear, pure water at about the same temperature as the buttermilk should now be added and the churn revolved a few times. Draw this water off and add an equal amount at about 2 to 4 degrees warmer than the first. The churn should then be revolved until granules are about the size of a hickory nut. This water may then be drawn off and the butter placed upon the worker, ready for salting and working.

Salt is added to the butter to improve the flavor by making it more marked, and at the same time the keeping quality is improved, for salt has germicidal properties. The salt should be fine, white and pure. Coarse, dirty, ill-smelling salt should never be added to butter, as those undesirable characteristics will be transmitted to the finished product. If butter is salted when granules are small, the granules contract, forcing the moisture out, which collects in large drops throughout the mass, producing a leaky appearance. Butter should be worked until salt is evenly distributed and dissolved. Care should be taken not to overwork the butter, for it will then be weak-bodied and salty. If the moisture in the butter is not saturated and the salt is unevenly distributed, mottled butter will be the result. Small white specks in butter are often caused by pieces of hard unchurned cream which have not taken the color. After butter is worked it should be packed at once. If wood tubs are used they should be first soaked in salt brine and then lined with a good grade of parchment, which comes cut to fit the tub. The butter should be firmly packed so there will be no air spaces throughout the mass. When the tub is full the butter may be made smooth with a straight edge or

string and the liner lapped over the butter about one-half inch. The cloth circle is then placed on the top and a handful of wet salt spread over the surface. The cover should then be neatly fastened with the tub tins. If the small earthen jar is used no liner is needed. The package should always be neat and clean.

The best butter would be a poor seller unless the package is neat and of a suitable size. One must cater to the likes and dislikes of his customers if he wishes success. No matter what you like or think best, you will probably find it an expensive proposition to educate the taste of your customers. If for any reason your butter is "off" do not spoil your business by taking it to your customers; better sell it as packing stock at a reduced rate. It will be money to you in the long run. Carefulness, common sense and cleanliness will raise the price of the farm butter, cut off the source of food of the large renovating factories, and insure a goodly profit for the maker.

Herman Horneman.

Story county, Iowa.

#### Sheldon Bros.' Sale.

The Duroc Jersey sow sale of the Messrs. Sheldon Bros. again proved a strong drawing card, and breeders from several different states were present. There was a strong delegation of Illinois breeders there, besides others from Missouri, Iowa, and Kansas. Everything was bought for the low dollar, and while the attendance of breeders was very large, there was an evident disposition to buy for the least possible amount. Among the Illinois breeders present were Messrs. George W. Trone, Rushville; Charles Cooper, Ferris; A. A. McNeill, of McNeill Bros., Bowen; H. B. Griffiths, Bowen; Ed A. Baxter, Pawnee; Mel Kraschel, of the firm of Fred Kraschel & Son, Macon; J. J. McCabe, Hersman; J. H. Norris, Bowen. Thirty-six head sold averaged \$125.14. No. 9 topped the sale at \$450 and went to Messrs. Fred Kraschel & Son, Macon, Ill. She was a daughter of Radiator and was bred to Proud Advance. No. 6 sold for \$377.50 and was purchased by Messrs. M. O. Ruthruff & Son, South Haven, Kan. She was a daughter of Proud Advance and was bred to Ohio Chief II. Below is a complete report of the sale:

Lot.	Price.
1 M. O. Ruthruff & Son, South Haven, Kan. ....	\$180.00
2 Frank Laird, York, Neb. ....	52.50
3 J. H. Glenn, Shannon City, Ia. ....	102.50
4 Chas. Jones, Belleville, Kan. ....	100.00
5 R. J. Harding, Macedonia, Ia. ....	300.00
6 M. O. Ruthruff ..... 377.50	
7 Chas. Jones ..... 112.50	
8 Fred Kraschel & Son, Macon, Ill. ....	450.00
9 J. W. Pittman, Lohrville, Ia. ....	60.00
10 A. W. Harris & Son, Morganfield, Ky. ....	350.00
11 John Dewey, Shannon City, Ia. ....	45.00
12 A. L. & U. S. G. Lynch, Mt. Airy, Iowa ..... 92.50	
13 McGinnis & Madison, Nevinville, Iowa ..... 52.50	
14 J. H. Glenn ..... 112.50	
15 Frank Laird ..... 105.00	
16 H. B. Griffiths, Bowen, Ill. ....	132.50
17 J. H. Norris, Bowen, Ill. ....	115.00
18 T. A. Gassard, Ponca, Neb. ....	100.00

## What Co-operation Has Done Farmer's Friend Separator Costs You Only \$55 Delivered

WE farmers of Iowa have broken away from the creamery trust and are manufacturing and marketing our own dairy products. During the past eight months, we have forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa.

Now we are saving money in another way—on farm supplies, and our offering of the Farmer's Friend Cream Separator gives you a fair idea of the saving.

This Separator is made for our members, in the best cream separator factory in the world, and we fully guarantee it to be as good as any \$90.00 Standard separator ever made.

Just think of the difference in price, \$35.—Thirty-five dollars just as good as thrown away as far as you are concerned. Thirty-five dollars—not of separator value and efficiency, but of big profits for the manufacturers. It was only by getting nearly 2,000 farmers together, (there are more of us now) that we could force this reduction.

But we have it now, and we want every farmer in this part of the country to know about it. We organized to benefit the farmer and we want to help just as many as we can. Space will not permit us to describe the "Farmer's Friend" fully here. Send for our catalog. We have selected a number of articles on which we are able to offer remarkably low prices. We save you from 20% to 50%. Write today.

FARMER'S CO-OPERATIVE PRODUCE CO., DES MOINES, IOWA.



Capacity, 450 to 500 Lbs.

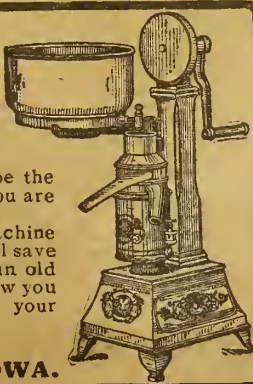
## Yes, Something New! —THE— Monarch Cream Separator

is a step in advance of all others. We guarantee it to be the lightest running and most convenient machine made. If you are needing a separator, why not get one up-to-date?

We have fewer parts to wear out, therefore it is a machine of longer life. It will not only save all your cream, but it will save your strength. Why buy a man-killer? If you are using an old style machine that is wearing you out to run it, we will allow you what we can for it, in order to introduce our machine in your neighborhood.

Write us for free catalogue and state the size of your dairy.

LISLE MFG. CO., Box 39, CLARINDA, IOWA.



## GOOD ADVICE ABOUT CREAM SEPARATORS

Announcement of the Alpena Farm Produce Co. in the Alpena, Mich., Argus, Feb. 13, 1907.

"In reply to inquiries we wish to repeat that the Alpena Farm Produce Co. will not buy cream that is not separated by a cream separator, for the reason they must have pure, clean cream which can be obtained in no other manner. Therefore every patron of the company must have a separator, and, if you have not already procured one, you had better see about it in the very near future. The Produce Co. is very emphatic in its assertion that it does not matter what kind of separator is used, so long as it is a good standard make. Do not buy 'cheap' separators first because some 'mail order' house catalogue says it is the best in the world. The fact is that 'cheap' separators are always the dearest in the end. In the first place they do not skim as closely, and in the next place they will not stand the test of years. If you have a 'cheap' separator, not a standard make, you must not complain if you do not make as much money from your cows as you thought you would. The Produce Co. is handling the DE LAVAL separator because they can safely recommend it as an absolutely reliable machine. If that machine does not prove satisfactory the trouble must then be with the manner in which you care for and feed your cows. Be sure you start with a good machine."

The big creamery concerns which look the country and the world over in reaching separator conclusions are almost invariably users and endorsers of the DE LAVAL machines. Their example and advice is the kind that the inexperienced buyer may safely and wisely follow.

### THE DE LAVAL SEPARATOR CO.

RANDOLPH & CANAL STS. CHICAGO  
1213-15 FILBERT STREET PHILADELPHIA  
DRUM & SACRAMENTO STS. SAN FRANCISCO  
General Offices: 173-77 WILLIAM STREET MONTREAL  
14 & 16 PRINCESS ST. WINNIPEG  
107 FIRST STREET PORTLAND, ORE.  
74 Cortlandt St. NEW YORK.

20 J. E. Wehr, Portsmouth, Iowa. ....	112.50
20½ Henry Metzinger, Caldwell, Kan. ....	80.00
21 J. W. Pittman ..... 60.00	
22 Substitute, Grant White, Afton, Iowa ..... 165.00	
22½ Substitute, C. M. Dewey, Shannon City, Iowa ..... 77.50	
23 E. H. Erickson, Oldsburg, Kan. ....	35.00
24 McNeill Bros., Bowen, Ill. ....	270.00
24½ Chas. Jones ..... 52.50	
25 Substitute, H. B. Griffiths ..... 80.00	
26 Thomas & Hogsett, Bowen, Ill. ....	107.50
27 W. L. Addy, Parnell, Mo. ....	107.50
31 Z. I. Grant, Tingley, Iowa ..... 33.00	
33 E. W. Poor, Mt. Airy, Iowa ..... 35.00	
34 Substitute, W. M. Simpson, Mt. Airy, Iowa ..... 75.00	
35 H. J. Holland, Mt. Airy, Iowa ..... 27.50	
38 C. O. Thornburg, Pleasantville, Iowa ..... 75.00	
40 C. O. Thornburg ..... 62.50	
0 Boar pig, D. A. Thomas, Roseville, Ill. ....	102.50

#### Taylor-Morris-Schrotberger Duroc Sale.

Breeders present at the first annual brood sow sale of Messrs. Taylor, Morris and Schrotberger & Sons were well repaid for being there, owing to the fact that the offering was above the ordinary in point of breeding and individuality and prices were not what they should have been. Colonel Reppert opened the sale and sold the entire offering in less than two hours at satisfactory prices. Messrs. F. B. Chester & Son, of Dwight, Ill., topped the sale, paying \$112.50 for a granddaughter of Allison, bred to Archer, one of the best sons of Messrs. Thomas & Hogsett's noted breeding and show boar, Ambition. Mr. J. M. Valentine, of Metamora, Ill., was the contesting bidder. A list of sales of \$25 and over follows:

Lot.	Price.
1. Fred Schweizer, Elwood, Ill. ....	\$50.00
2. Deal & Son, Elwood, Ill. ....	50.00
3. Same ..... 45.00	
4. Substitute, N. P. Ewing, McLean, Ill. ....	39.00
5. Fred Schweizer ..... 48.00	
6. R. D. Meno, Mazon, Ill. ....	28.00
7. E. E. Burnham, Dwight, Ill. ....	25.00
9. Geo. Burchard, Mazon, Ill. ....	28.00
11. J. M. Valentine, Metamora, Ill. ....	27.00
14. Wm. Christenson, Dwight, Ill. ....	30.00
15. G. P. Kilmer, Verona, Ill. ....	25.50
18. S. M. Bunch, Verona, Ill. ....	27.00
19. Geo. Burchard ..... 26.00	
20. F. B. Chester & Son, Dwight, Ill. ....	112.50
21. Burton Orr, Dwight, Ill. ....	51.00
22. F. B. Chester & Son ..... 50.00	
23. Ealls & Spencer, Centralia, Mo. ....	50.00
24. Wm. Christenson ..... 37.00	
26. F. B. Mapps, Elwood, Ill. ....	56.00
27. Substitute, J. J. Hahn, Dwight, Ill. ....	28.00
28. Wm. Christenson ..... 25.00	
30. Wm. Coveny, Kinsman, Ill. ....	26.00
31. J. J. Hahn ..... 62.00	
36. F. B. Chester & Son ..... 40.00	
37. F. B. Mapps ..... 26.00	
38. Wm. Coveny ..... 31.00	

#### SUMMARY.

38 head averaged .....\$35.20

#### The Lynch Duroc Jersey Sow Sale.

The sale of Messrs. A. L. & U. S. G. Lynch, at Mt. Airy, Iowa, on February 21st, was well attended and the whole offering brought an average of \$65. The best sows were eagerly picked up by breeders at good

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**TODAY!**  
While you're thinking about it, write your name on a postal or in a letter say—  
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You have seen and read our ads dozens of times but the only fair and reasonable way to judge the  
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WITH the wonderful cone bowl, made so perfectly it is impossible for it to get out of balance, is to get our catalog. The new skimming device is not equalled today. Runs easily. Everything up to date. Skims heavy cream and to a trace. Get our  
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Our free 1907 catalog fully illustrates and explains our new model. Why not let us send it to you with prices today?  
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Davis Cream Separator Co., 54 L. N. Clinton St., Chicago.

prices and had the local attendance been better to take the plainer stuff, it would have been much better than it was. However, a good average was made and the sale was a success. At the sale they hold a half interest in their herd boar, Brilliant Advance, a son of Proud Advance, to the Proud Advance Stock Company for \$500, and the sale is not included in the average. This boar more nearly resembles old Proud Advance than any other of his sons, and he promises to make as good a sire. Below is a report of those selling for \$30 and over:

Lot.	Price.
1. L. W. Willey, Redding, Iowa ..... \$177.50	
2. W. A. Rankin, Carson, Iowa ..... 140.00	
3. E. W. Poor, Mt. Airy, Iowa ..... 130.00	
4. S. W. Murphy, Savannah, Mo. .... 90.00	
5. E. W. Poor ..... 155.00	
6. Substitute, M. E. Melton, New Hampton, Mo. .... 50.00	
7. Jas. Pritchard, Mt. Airy, Iowa ..... 39.00	
8. Madison & McGinnis, Nevinville, Iowa ..... 122.50	
9. W. D. Link, Blockton, Iowa ..... 42.00	
10. Fin Lander, Mt. Airy, Iowa ..... 47.50	
11. Substitute, Sheldon Bros., Shannon City, Iowa ..... 60.00	
12. J. S. Smithen, Davis City, Iowa ..... 50.00	
13. Sheldon Bros. .... 39.00	
14. Sexsmith & Strong, Orient and Greenfield, Iowa ..... 65.00	
15. C. E. Mayne, Mt. Airy, Iowa ..... 41.00	
17. Sheldon Bros. .... 62.00	
18. W. D. Link ..... 50.00	
19. McNeil Bros., Bowen, Ill. .... 36.00	
20. L. W. Willey ..... 41.00	
21. W. D. Link ..... 43.00	
22. O. D. Nicholson, Mt. Airy, Iowa ..... 43.00	
23. C. T. Jennings, Redding, Iowa ..... 37.00	
24. C. E. Mayne ..... 30.00	
32. M. F. Buchanan, Lamoni, Iowa ..... 46.00	
28. W. D. Link ..... 36.00	
26. O. D. Nicholson ..... 36.00	
00. E. W. Poor ..... 44.00	
36. Same ..... 75.00	



## VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

## STRAIGHT PASTERNS.

I have a two-year-old colt that stands a little too straight on his pasterns behind. He is sired by a fast horse and I think he is going to have some speed. What would be the best way to keep his feet trimmed so as to make him set back as much as possible? Any information will be appreciated.

Trimming the hoofs and shoeing will have little effect in off-setting the tendency to straight pasterns which are due to heredity and aggravated by high feeding and too much standing on dry board floors. We would trim the feet to natural proportions with front of hoof about fifty-five degrees of slope, then put on ordinary shoes and turn the colt out daily and feed well on oats, bran, hay, etc. He should occupy a roomy box stall when in stable and its floor by preference should be of earth.

## GREASE.

I have two horses which have what is called "grease heel." Both of them are lame with it. When I first noticed it it did not amount to much, but kept getting worse. I first put on air slack lime and it did no good. I am using white lead now. Several horses in the neighborhood have it also; some of them are so bad that they cannot work. It gets to be a running sore and a bad odor comes from it. Can you tell me what causes it and what to do for it?

The disease is not catching, but is particularly liable to attack horses of heavy draft blood and having coarse hair on legs below knees and hocks. It is induced by filth, failure to dry legs when wet or after washing, standing in stable idle and overfeeding on corn or other grain when idle. It is practically incurable when thoroughly established or so obstinate and difficult to cure that few men care to undertake the work necessary for treatment. This consists first in stopping all grain food if animal is fat and allowing him to live on hay, roots and bran mashes and in summer time on grass alone. In winter season horse should have lots of exercise every day no matter what the weather may be and is not to stand idle a single day. The stable should be kept clean, light and perfectly ventilated. Clip hair from legs and poultice with hot flaxseed meal, mixing in each poultice two or three tablespoonfuls of powdered wood charcoal and two drams of coal tar disinfectant.

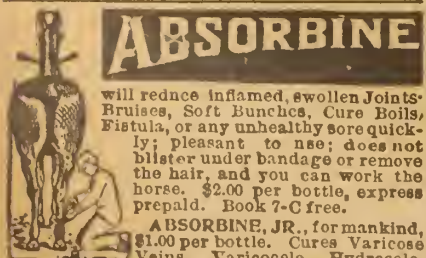


## Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

**Fleming's Spavin Cure (Liquid)** is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be imitated. Easy to use, only a little required, and your money back if it ever fails.

**Fleming's Vest-Pocket Veterinary Adviser** describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write. FLEMING BROS., Chemists, 210 Union Stock Yards, Chicago, Ill.



## ABSORBINE

will reduce inflamed, swollen joints—Bruises, Soft Bunches, Cure Boils, Fistula, or any unhealthy sore quickly; pleasant to use; does not blister under bandage or remove the hair, and you can work the horse. \$2.00 per bottle, express prepaid. Book 7-C free.

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40% of cures made by 1 bottle.  
25% of cures made by 2 bottles.  
15% of cures made by 3 bottles.  
10% of cures made by 4 bottles.  
Price, postpaid, 50 cents.  
Treatise free upon application.

CLOUSE & STAMM, Chemists,  
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"I cured eight horses of fistula with the above remedy."  
Norman H. Bearer, Supervisor of Mason Township, Geneseo, Ill.,  
May 19, 1906.

Renew poultice night and morning until discharge ceases; then wet legs often with a solution of two ounces each of sulphate of zinc and glycerin in a pint of water. Internally give horse half an ounce of Fowler's solution of arsenic night and morning until well; then reduce the medicine gradually until in ten days he is doing without.

## THIN COLT.

I have a colt five months old that has been weaned one month. Since weaning I have been feeding it one pint of oats, one-half pint wheat bran and a measure of stock food twice a day, and the best of alfalfa hay—all it wants. It grows, but is very thin in flesh. I would be pleased to know the proper feed and quantity to feed colt.

Stop feeding stock food and feed the colt all he will take three times daily of a mixture of two parts oats and one part wheat bran adding dried blood meal in small quantities as he will take it. Lessen the amount of alfalfa hay. If you can give clean, sweet skim-milk it would be good for the colt if fed in small quantities three times daily and in it were mixed a little black strap molasses and flaxseed jelly.

## SKIN DISEASE.

Will you please tell me what is the matter and what to do for my pigs? They seemed to be doing nicely and all at once they began to break out in little lumps under the skin about the size of a lima bean. These appeared on their hind legs first and then on their bodies. They are fed on milk from the separator with shorts mixed in and some corn, have a good hay bed to sleep on and run where they please.

This is a simple breaking out induced by unhygienic surroundings and conditions. Cleaning up of the pens, yards and sleeping places is indicated and necessary and should be combined with free use of disinfectants and whitewash. As a cure the pigs should be sprayed with a 1-50 solution of coal tar dip in which flowers of sulphur have been freely mixed. Repeat several times as found necessary.

## STOCKED LEGS.

I have a gray yearling colt whose hind legs are swollen from the ankle to the top of the hock joint. He was fed six ears of corn once a day in the pasture before he was stabled and when stabled three days his legs started to swell and have been swelling since. I fed him a reasonable amount of corn twice a day. I changed the feed to oats, but it is just the same. The swelling does not go down much while exercising in the day time. He eats heartily and seems to feel well.

A corn diet is unsuitable for a growing colt and the blood has become impure and sluggish so that "stocking" took place when colt was kept in stable. Continue feeding oats and add carrots if obtainable. Let him run out doors as much as possible and occupy a roomy box stall when in stable at night. Night and morning for a week give him in his feed a couple of teaspoonfuls of a mixture of equal parts dried sulphate of iron, powdered saltpeter and ground ginger and gentian roots; then skip ten days and repeat at end of that time. Allow free access to rock salt. Avoid feeding hay from low, wet ground.

## CANKER OF MOUTH.

I have a July pig that has lost all of her front upper teeth and part of her lower. They have simply rotted away. She was doing well until about four days ago when she began to act sick. Her mates seem healthy. Please tell me through the columns of your paper what the cause is and if it is contagious; also a remedy.

The disease is due to a germ known

## Gombault's Caustic Balsam

The Worlds Greatest and Surest

Veterinary Remedy

HAS IMITATORS BUT NO COMPETITORS I

## SAFE, SPEEDY AND POSITIVE.

Supersedes All Caustery or Firing. Invaluable as a CURE for

FOUNDER,  
WIND PUFFS,  
THRUSH,  
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SKIN DISEASES,  
RINGBONE,  
PINK EYE,  
SWEENY,  
BONY TUMORS,  
LAMENESS FROM  
SPAVIN,  
QUARTER CRACKS,  
SCRATCHES,  
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## REMOVES

BUNCHES or  
BLEMISHES,  
SPLINTS,  
CAPPED HOCK,  
STRAINED TENDONS.

SAFE FOR ANYONE TO USE.

## NOTHING BUT GOOD RESULTS.

Have used GOMBALT'S CAUSTIC BALSAM for more than 20 years. It is the best blister I have ever tried. I have used it in hundreds of cases with best results. It is perfectly safe for the most inexperienced person to use. This is the largest breeding establishment of trotting horses in the world, and use your blister often.—V. H. HAYMOND, Prop., Belmont Park Stock Farm, Belmont Park, Mont.

We guarantee that one tablespoonful of Caustic Balsam will produce more actual results than a whole bottle of any liniment or spavin mixture ever made. Every bottle sold is warranted to give satisfaction. Write for testimonials showing what the most prominent horsemen say of it. Price, \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use.

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## USED 10 YEARS SUCCESSFULLY.

I have used GOMBALT'S CAUSTIC BALSAM for ten years; have been very successful in curing curb, ringbone, capped hock and knee, bad ankles, rheumatism, and almost every cause of lameness in horses. Have a stable of forty head, mostly track and speedway horses, and certainly can recommend it.—C. C. CRAMER, Training Stables, 990 Jennings Street, New York City.

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as the bacillus necrophorus which is found in filthy feeding yards. At once isolate the diseased pig, or better still, kill and burn it, as there is practically no hope of recovery. Examine mouths and snouts of other pigs and at once dip their heads in a solution of one ounce of permanganate of potash in a gallon of warm water, if you notice anything amiss, and repeat the dipping daily until well. Any ulcers you may find should be thoroughly scraped and then painted with tincture of iodine before use of the dip. Clean up, disinfect and whitewash pig pens and houses. Feed mixed rations and use limewater freely in all food and drink. Corn should not be heavily fed at present.

## Best by Test.

The Combination Oil Cure for Cancer and Tumor has its imitators. Beware of them. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

## HAVE YOU SAWED YOUR SUMMER'S WOOD?



If you have not sawed your summer's wood, now is the time to do it. There is no way that a man can put up his summer's wood as easily and cheaply as he can with a folding sawing machine. One man can take this machine into the timber, saw down his trees all alone and saw them up and saw fully as much wood in a day as two men can with a common cross-cut saw. In other words, this machine will save the labor of one man. This machine has been on the market for a great many years and we have carried the advertisement in our columns for years. The machine is giving universal satisfaction wherever it is used and every one of our readers that burns wood or saws timber of any kind should have one. Taking into consideration the saving by the use of this machine it is one of the most economical machines sold. The frame of the machine is made of white ash; the machine is light, weighs only forty-one pounds; is adjustable so that it can be used on rough or level ground; it is furnished with saws of various lengths and saws any size log. We advise our readers to write to the Folding Sawing Machine Company, 158 E. Harrison St., Chicago, Ill., and ask them for a catalog, which shows large illustrations of the machine and gives many testimonials from every state in the union. With this machine, putting up your summer's wood will be a pleasure instead of a burden.

It Heals  
Without  
A Scar.

The great magnetized, soothing and healing liniment—KING CACTUS OIL never leaves a scar.

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Speedily cures cuts, sprains, bruises, old sores, swellings, frost bites, chapped hands, barbed wire cuts on animals, harness and saddle galls, mange, itch, and all hurts of man or beast.

At druggists in 15c, 50c and \$1 bottles, \$3 and \$5 decorated cans, or sent prepaid by the manufacturers, OLNEY & McDAID, Clinton, Iowa, if your druggist cannot supply.

## BIGGER PIG MONEY.

Scours and Thumps kill, on an average, half the pigs in every litter or make runts. Stop that slaughter and waste by giving them

## ANTI-SCOUR

Does away with starving methods. Regular rations for sow and pigs. Endorsed by all hog raisers who have tried it, and Experiment Stations. Guaranteed sure, speedy, easy and inexpensive. 400 doses in box, \$1.00. Sent postpaid or at your druggist's. Send for booklet, "Bigger Pig Money."

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DEATH TO HEAVES  
Guaranteed  
NEWTON'S Heave, Cough, Distemper and Indigestion Cure.  
A veterinary specific for wind, throat and stomach troubles.  
Strongly recommended. \$1.00 per can, of dealers, or Exp. prepaid.  
The Newton Remedy Co., Toledo, Ohio.

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Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

When writing to advertisers please mention this paper.



### The J. O. James Sow Sale.

One of the best Poland China sow sales held in southern Iowa this season was that of Mr. J. O. James, at Braddyville, Iowa, on February 23d. Below is a report of the sale:

Lot.	Price.
3. E. R. Milton, Craig, Mo.....	\$ 50.00
24. F. L. Rood, Clearfield, Iowa....	39.00
1. L. R. McLarnon, Braddyville, Iowa.....	115.00
4. F. L. Rood.....	101.00
2. E. R. Milton.....	101.00
15. T. J. Hitt, Lincoln, Neb.....	43.00
11. H. F. Dunn, Clarinda, Iowa.....	51.00
27. F. L. Rood.....	63.00
12. T. G. Walker, Newman Grove, Neb.....	52.00
29. R. T. Lamar, Burlington Junction, Mo.....	51.00
5. J. W. Nowls, Craig, Neb.....	69.00
23. Elijah Strong, Kewanee, Ill.....	65.00
28. Smith Brooks, Clarinda, Iowa.....	52.00
26. Williams Bros., Villisca, Iowa.....	52.00
21. C. F. Curnutt, Braddyville, Ia.....	43.00
10. Roy Morgan, Shambaugh, Iowa.....	50.00
7. Smith Brooks.....	67.50
39. Cox & Hollinrake, Keitsburg, Ill.....	51.00
31. A. B. Crain, Burlington Junction, Mo.....	40.00
16. F. L. Rood.....	65.00
9. Henry Crain, Clearmont, Mo.....	38.00
14. E. B. Calboon, Shambaugh, Ia.....	33.00
17. Geo. Buchanan, Shambaugh, Ia.....	50.00
13. A. Bosley, Burlington Junction, Mo.....	46.00
34. Ed Corwin, Hopkins, Mo.....	63.00

29. L. R. McLarnon.....	51.00
6. Smith Brooks.....	51.00
19. J. W. Auten, Hopkins, Mo.....	40.00
37. Ed Corwin.....	41.00
33. Geo. Buchanan.....	37.00
13. C. F. Curnutt, Braddyville, Iowa.....	38.00
38. Ora Nicholas, Braddyville, Ia.....	38.00
36. E. B. Calboon.....	35.00
41. T. M. Snapp, Clarinda, Iowa.....	36.00
32. I. E. James, Braddyville, Iowa.....	40.00
3. F. L. Rood.....	100.00
35. I. E. James.....	43.00
40. T. M. Snapp.....	28.00

#### SUMMARY.

39 head averaged .....\$53.40

### Sellers & Son Make Good Sale.

Messrs. M. A. Sellers & Son, of Huntley, Neb., held their annual brood sow sale on February 26th, and an average of \$35 was made on the entire consignment. The day was very cold and disagreeable and the crowd was not what it should have been on an occasion of this kind. The top price was \$61, paid for No. 18, a daughter of Improver Jr., and going to Mr. D. W. Troutman, of Mascot, Neb. Below is a list of those selling at \$30 and above:

Lot.	Price.
1. Ed Richards, Alma, Neb.....	\$39.00
2. J. C. Walker, Huntley, Neb.....	36.00
3. C. C. Wassen, Wilcox, Neb.....	37.50
6. Ed Richards.....	30.00
7. J. A. Cates, Republican City, Neb.....	37.00
8. T. M. Anderson, Oberlin, Kan.....	45.00
9. Roy Sprague, Huntley, Neb.....	32.50
12. J. A. Cates.....	45.00
15. H. Findley, Republican City, Neb.....	39.00
16. J. C. McConnell, Huntley, Neb.....	34.00
17. Ed Richards.....	35.00
18. D. W. Troutman, Mascot, Neb.....	60.00
19. Same.....	60.00
20. C. H. Bueler, Alma, Neb.....	36.00
21. R. A. Scott, Alma, Neb.....	30.00
22. Same.....	30.00

### Carey Cameron's Short-horn and Duroc Jersey Sale.

The public sale of Short-horn cattle and Duroc Jersey sows held by Mr. Carey Cameron, at Herman, Neb., on February 25th, proved one of the nicest sales in the state this year. He sold eighteen head of Short-horns and thirty-six head of sows, and it was an offering that he could be proud of. The cattle averaged \$145, the top prices being \$220 each for Rosedale Butterfly 4th and Rosedale Butterfly 5th, two excellent Butterfly heifers, and they were secured by Mr. S. S. Hall, of Pender, Neb. The cows and heifers averaged \$160.12 and the bulls \$131.78. Thirty-six head of sows averaged almost \$65. From the jump off the sale was quick and snappy and those present seemed eager to buy. Nothing was left un-

done by Mr. Cameron and his family to entertain the guests, and he certainly had a splendid crowd. In referring to his offering before the sale we made mention of the fact that buyers would not be disappointed in what he had to offer, and the following report of sales will tell the whole story more forcibly than we can. Col. Geo. P. Bellows cried the sale and he never did better work in his life. Below is a detailed report of the sale:

#### COWS.

Jennie Lind, six years, and b. c., Mike Wilson, Herman, Neb.....	\$210.00
Red Fanny, one year, James Broder-son, Herman, Neb.....	215.00
The Empress, one year, Carl Hansen, Herman, Neb.....	115.00
Roan Lady, two years, Henry Rewe, Herman, Neb.....	210.00
Roseland, two years, A. G. Jensen, Kennard, Neb.....	120.00
Rosedale Butterfly 4th, one year, S. S. Hall, Pender, Neb.....	220.00
Rosedale Butterfly 5th, one year, same.....	220.00
Mollie Totterby, seven years, H. O. Williamson, Herman, Neb.....	100.00
Lassie Lochinvar, two years, W. M. Flanagan.....	115.00
Red Phoebe, one year, Henry Gliss-man, Pender, Neb.....	102.50
Mojeska, four years, Carl Hansen.....	135.00

#### BULLS.

Red Lochinvar, one year, H. Panning, Hooper, Neb.....	\$152.50
Gold Coin, one year, Frederick Pan-ning, Hooper, Neb.....	150.00
Nick Longworth, eleven months, F. F. Peterson, Herman, Neb.....	150.00
Russell Sage, one year, A. G. Jensen, Kennard, Neb.....	150.00
Farmer's Friend, ten months, Henry C. Jensen, Kennard, Neb.....	135.00
Joe Hughes, ten months, Henry Gliss-man, Pender, Neb.....	85.00
Bowser, seven months, Frank Camer-on, Tekamah, Neb.....	100.00

#### SOWS.

1. Carl Hansen, Herman, Neb.....	\$ 52.50
2. W. A. Kirkpatrick, Lincoln, Neb.....	65.00
3. Henry Norenberg, Blair, Neb.....	65.00
4. Edwin Gilberts, Blair, Neb.....	52.50
5. John Skinner, Herman, Neb.....	50.00
6. Same.....	52.00
7. John Bovee, Craig, Neb.....	67.50
9. Henry Rewe, Herman, Neb.....	60.00
8. J. P. Anderson, Kennard, Neb.....	66.00
10. Henry Rewe.....	70.00
12. Henry Norenberg.....	100.00
13. Wade Patrick, Herman, Neb.....	61.00
14. H. B. Slocum, Blair, Neb.....	70.00
15. Clarence Christensen, Herman, Neb.....	60.00
16. C. L. Bender, Blair, Neb.....	63.00
17. John Bovee.....	67.00
19. Henry Jensen, Kennard, Neb.....	58.00
18. Ed Jensen, Blair, Neb.....	55.00
20. Joe Chapman, Arlington, Neb.....	57.50




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LONG-LIFE  
ROOFING

**Direct from Mills to You**

**We Pay the Freight**

Beacon-ite is a ready roofing made of the finest long wool fibre thoroughly saturated with a special preparation that makes it absolutely water-tight. Wind, rain, snow or sleet has no effect on it whatever. It will not rust like tin or rot like shingles. It can be applied by anyone to any kind of roof; we furnish all necessary nails and cement. All you need is a hammer. Beacon-ite roofing will save you money in two ways:  
First. By buying direct from the mills you save the jobbers and dealers profits.  
Second. By putting it on yourself you save the expense of hiring a roofer.  
We want to quote you our Beacon-ite prices. You will find them to be about one-half the cost of tin or shingles, and considerably less than any other ready roofings. We want to send you FREE samples of Beacon-ite so that you can compare its quality with others. If you want better, cheaper roofing send for our FREE samples.  
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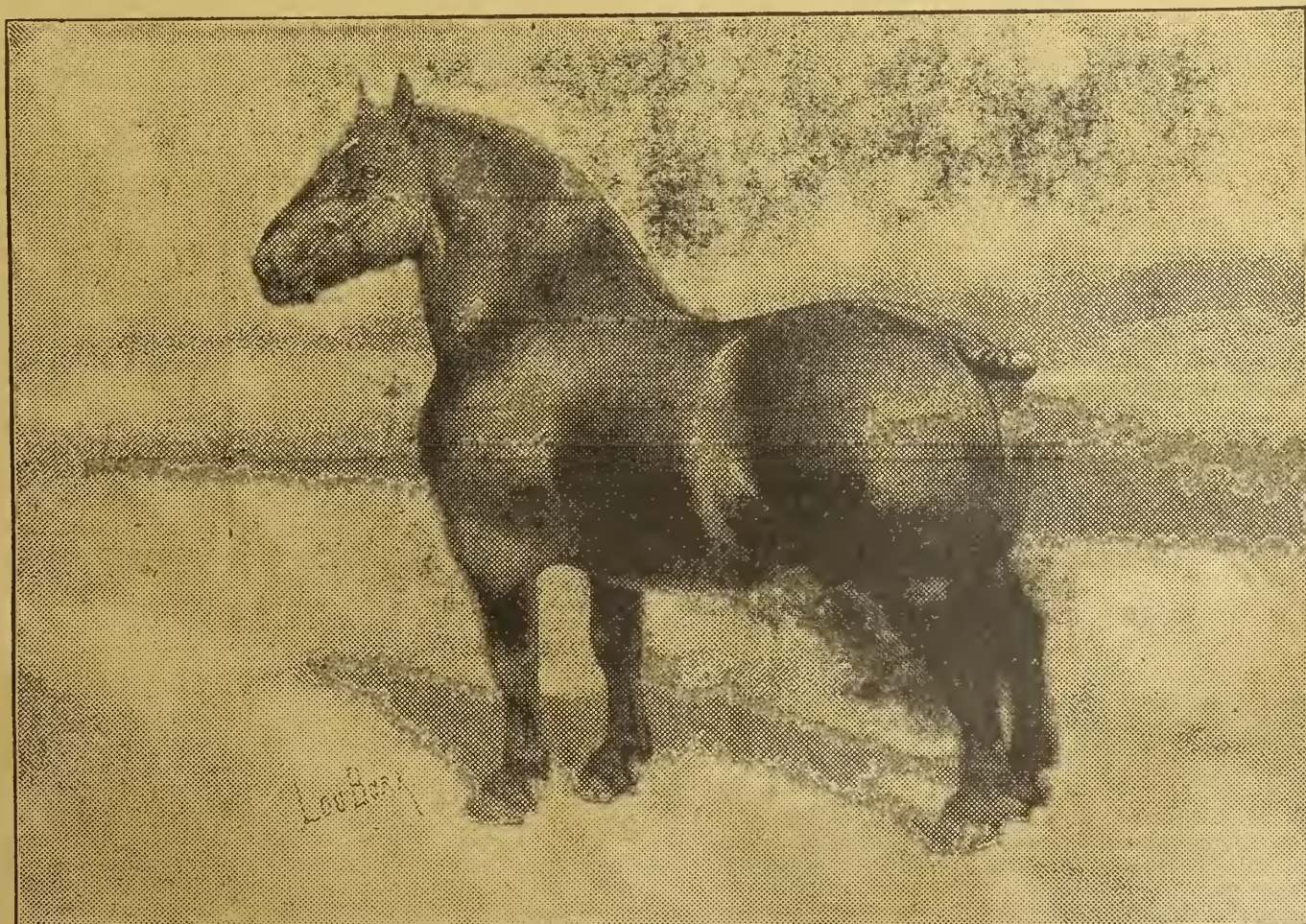
**SOLD ON 3 Months' Trial.**

1907 model gasoline engines, all sizes. Highest class, simple engines made. Three months' trial will prove it. For general information and prices address,  
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21. Cbas. Warner, Pender, Neb.....	112.50
22. Tom Chooseman, Herman, Neb.....	55.00
23. C. H. Rasmussen, Herman, Neb.....	46.00
24. J. P. Anderson, Kennard, Neb.....	45.00
25. Harry Platter, Spiker, Neb.....	70.00
26. John Cameron, Herman, Neb.....	56.00
27. A. Wilson, Bethany, Neb.....	70.00
28. Carl Hansen, Herman, Neb.....	71.00
29. Ed Jensen.....	57.50
30. C. L. Bender.....	66.00
31. Ed Pelcher, Blair, Neb.....	60.00
32. A. G. Jensen, Kennard, Neb.....	50.00
33. Cbas. Warner.....	113.00
34. James Broderon, Herman, Neb.....	48.00
35. L. E. Williams, Blair, Neb.....	58.00
36. Edwin Gilbertson, Blair, Neb.....	49.00

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**Do You Know?**

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**FISH BRAND**  
Made for all kinds  
of wet work or sport  
**SOLD EVERYWHERE**



Iams' Bismuth (51863), Black Percheron Stallion, winner of second prize at Iowa State Fair, 1905, and second prize Illinois State Fair, 1906, and took a \$10,000 horse to defeat him. See Frank Iams' write-up on page 40.



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

Some people think the president might be better employed than in giving parents advice as to the size of their families and their duty as parents, but surely the most critical critic of President Roosevelt can find no objection to the letter which he sent to the president of the New York State Mothers' Assembly.

The president says:

For one of your topics, how would it do to speak of the place of the father in the home? Now and then people forget that exactly as the mother must help the breadwinner by being a good housewife, so the father in his turn, if he is worth his salt, must in every way back up the mother in helping bring up the children.

After all, the prime duties are elemental, and no amount of cultivation, no amount of business force and sagacity will make the average man a good citizen unless that average man is a good husband and father, and unless he is a successful bread winner, is tender and considerate with his wife and both loving and wise (for to be loving and weak and foolish is utterly ruinous) in dealing with the children.

I think it a crime for the woman to shirk her primary duties, to shrink from being a wife and mother.

Of course the woman should have the same right as the man to train her mind, to better herself, and occasionally a woman can and ought to follow some special vocation in addition to (never in substitution for) her home work.

But just as the highest work for the normal man is work for his wife and children, so the highest work for the normal woman is the work of the home, where, Heaven knows, the work is ample enough.

But I also feel she can do the best work in her home if she has healthy outside interests and occupations in addition, and I most firmly believe that she cannot do her full duty by her husband if she occupies a merely servile attitude toward him and submits to ill treatment, and that she is quite as bad a mother if weak and foolish as if hard and unlovable.

Sound sense marks every word of the foregoing. It deserves a wider public than it is likely to have. Parents all over, not only in America, but in other countries, would do well to "mark, learn and inwardly digest" these words of President Roosevelt. Believing that their perusal cannot fail to make for better marriage relations and better parenthood I gladly relinquish the editorial chair this week in order that our thousands of readers may have the benefit of their president's message.

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

Yes, life is a real and solemn trust,  
And all should strive to fill  
Some niche that's vacant here on earth,  
And hoe some row with a will.

Yes, hoe it clean and keep it bright,  
And seek true worth to know;  
For the ones who make their mark in life  
Are the ones with a row to hoe.

Let those who complain of having to work,  
Undertake to do nothing. If this does not  
Convert them, nothing will.

## INEXPENSIVE SHRUBBERY.

Many farmers are deterred from planting ornamental shrubs and trees by the sup-

posed necessary expense. They have a variety of large and small fruit, but these are a part of the economy of the farm and represent money well invested. Fruit trees and plants are longer in coming to maturity than annual crops, but are just as sure in the end, and the wise farmer is fully aware that apple orchards and strawberry beds pay better interest than county banks.

If the farmer knew how cheaply his grounds could be ornamented there would be fewer unsightly yards in the country. The boys and girls, with a little trouble, could surround the house with beautiful trees and shrubs and clambering vines, and the cost would only be a few days work each year. There is a large variety of trees or shrubs that will not propagate readily from cuttings, and all kinds of vines can be increased almost indefinitely. Insert cuttings in a moist piece of ground in the spring, and give them one or two boings. By the second year they will be large enough to transplant to permanent quarters.

Herbaceous plants, like lilies, phloxes, peonies, irises, yuccas, anemones and hundreds of others, can have their roots divided and subdivided, and the plants will be all the more thrifty for the division. Pruning is the secret of successful shrub growing, and in nearly every locality can be found a fair assortment of shrubs and plants whose owners would be perfectly willing to give away the cuttings of each pruning. Cuttings of desirable shrubs that might not be found in the neighborhood could easily be procured from a nursery at small cost.

I know a young man who has several acres of fine shrubbery, nearly all of which he raised from cuttings procured in the neighborhood. What would have cost him several hundred dollars at a nursery only cost him a few days' labor and some years of waiting. There are dozens of handsome California privet hedges in this vicinity, all raised from cuttings furnished by a gentleman a few miles away, who prunes his hedge three or four times each summer. I have raised thousands of willows, poplars, hydrangeas, altheas, roses, spiraea, and other trees and shrubs, and lost less than 5 per cent of the cuttings. Outside of the saving, there is a fascination in raising one's own shrubbery, and if desirable, one can easily make it a source of no inconsiderable profit. I know small farmers who add a hundred dollars or more each year to their income by growing a small assortment of shrubs for local sale.

## WHEREIN THEY DIFFER.

Little Willie—Say, pa, what is the difference between a statesman and a politician?  
Pa—A statesman, my son, is able to deceive without lying and a politician lies without deceiving.

## EXCITING GAME.

When Bobby's mother returned home she was horrified to find the parlor carpet thick with ashes.

"Gracious, Bobby!" she exclaimed, excitedly. "What has happened? Has there been a fire?"

"No, mamma," replied Bobby, innocently, "you know you said we could play any kind of a game we wanted to, so we played Mount Vesuvius in eruption."

## APRONS.

A good supply of aprons is needed by all housekeepers, both white aprons and work aprons. For the plain white ones, for every day, the five or six-cent bleached muslin, not too heavy, is most satisfactory. These wash easily, and take the starch readily. Make them full and long, with deep hems and strings. A gingham apron to slip over a nice dress is a great convenience, especially on Sunday, when you do not wish to change your dress while getting tea. Get three and a quarter yards of pretty blue and white check; take off a quarter of a yard and cut the rest in two. Tear one of these breadths in two, lengthwise. Run up the seams, with a full piece in the middle, but stop when you get a quarter of a yard from the top on each seam. Trim this opening slantwise, to answer for an arm-size. Hem the bottom of the pinafore, and gather the tops of front and back for the yoke, or bands, which should be an inch wide. Make two other bands a quarter of a yard in length, and doubled, to make an inch in width, and sew the ends to the bands that form

Amatite  
ROOFINGNEEDS  
NO  
PAINT

DO YOU USE A ROOFING THAT  
REQUIRES PAINTING AND COATING?

If so, do you realize that the coating and painting will probably cost as much, if not more, than the first cost of the roof itself?

When you buy a roofing that has to be coated, you must consider the cost of maintenance as well as the first cost. If you do this, you will find that coated roofings cost you just about twice the original cost.



If you try to save money by not coating such roofs they will soon leak and rot away.

The best way out of the difficulty is to buy a roofing that requires no coating, such as Amatite. This Ready Roofing has a special mineral surface which makes painting entirely unnecessary. The first cost of Amatite is the whole cost.

After it is once laid on the roof it costs you nothing to keep up.

Furthermore, the price of Amatite in the first place is less than that of almost any other ready roofing. It is by far the lowest priced of the good ready roofings.

When you get prices don't forget to count in the cost of putting on paint every year, and you will be sure to come back to Amatite as the cheapest and best.

## FREE SAMPLE

Let us send you at once a SAMPLE of AMATITE and a Booklet of information about it. We want you to see how much better it is than the kind that has to be painted.

Address nearest office of the

BARRETT MANUFACTURING CO.,

New York, Chicago, Cincinnati, Cleveland, Philadelphia, Minneapolis,  
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W. L. DOUGLAS  
\$3.00 AND \$3.50 SHOES

BEST IN THE WORLD

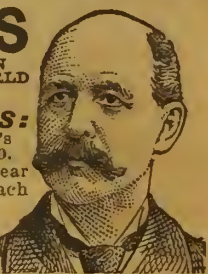
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SHOES FOR EVERYBODY AT ALL PRICES:

Men's Shoes, \$5 to \$1.50. Boys' Shoes, \$3 to \$1.25. Women's Shoes, \$4 to \$1.50. Misses' & Children's Shoes, \$2.25 to \$1.00.

W. L. Douglas shoes are recognized by expert judges of footwear to be the best in style, fit and wear produced in this country. Each part of the shoe and every detail of the making is looked after and watched over by skilled shoemakers, without regard to time or cost. If I could take you into my large factories at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer, and are of greater value than any other makes.

W. L. Douglas name and price is stamped on the bottom, which protects the wearer against high prices and inferior shoes. Take No Substitute. Sold by the best shoe dealers everywhere. Fast Color Eyelets used exclusively. Catalog mailed free. W. L. DOUGLAS, Brockton, Mass.



the yoke, for the top of the armhole. Finish with a button and button hole. Put a good-sized pocket on the right hand side of the center breadth, and you have an apron at once pretty and most convenient, easy to get on and quick to slip off. Other aprons that are serviceable are those made of table oilcloth, for washing or other sloppy work. These are not very large, and are bound about with braid, machine stitched. Clothespin aprons made of ticking, with the bottom turned up into a wide hem, that answers for a bag to hold the pins while hanging out the clothes, are also a great convenience.

## NOURISHING AND APPETIZING.

Lentil Cutlets—Soak one cupful of dried lentils all night, with one cupful of dried Lima beans. In the morning drain them and add two quarts of water, half an onion and a stalk of celery. Cook them until soft, remove the seasonings and rub through a sieve. Add one cupful of stale bread crumbs, one beaten egg, seasoning to taste, and the juice of half a lemon. Melt one and a half tablespoonsful of butter, add one tablespoonful of flour, and pour on gradually one-third of a cupful of sweet milk. Let the mixture cool until it is smooth and thick, and add it to the lentil mixture; then set it aside to cool. Form into small cutlets, dip in beaten egg, then in powdered cracker crumbs, and fry to a golden brown. Drain and serve with tomato sauce. Peas may be used with this dish.

Deviled Eggs—Boil a half dozen eggs twenty minutes, drop into cold water for five minutes, then carefully remove the shells. Cut in halves with a sharp knife and with the point gently remove the yolks, dropping them into a bowl. Mash and mix them with salt and pepper, a tablespoonful of olive oil (or if you have it, mayonnaise), a teaspoonful of vinegar or made mustard and a little chopped pickle or parsley. There are no hard and fast rules in its seasoning. Mix into soft paste, refill cavities in the eggs, put the two halves of egg together, skewered with wooden toothpicks, and roll each one separately in oiled paper. These are tasty to add to the school lunch box.

Cream Toast—One-half cupful cream, one-half cupful milk, one-half teaspoonful salt, a small lump of butter. Melt the butter and add enough sifted flour to make it stick. Mix the milk, cream and salt and pour slowly over the butter and flour, keeping the mixture smooth by stirring. When thickened, strain and pour over toast. Serve hot.

Date Gems—Separate two eggs; add to the beaten yolks one cupful of milk; pour this onto one and a half cupfuls of entire wheat flour and one tablespoonful of melted butter; beat well. Then add one cupful of chopped dates, two teaspoonfuls of baking powder, stir in one-half cupful of boiled rice

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Unexcelled for General Farming,  
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## WANTED

Men to travel, deliver samples and advertise our goods locally. Salary \$91 per month, expenses advanced. Beezley Co., Dept. 3 Monon Block, Chicago.

and the whites, beaten to a stiff froth. Bake in greased gem pans thirty minutes.

Peanut Frittle—Shell, measure and chop a quart of nuts, measure an equal portion of granulated sugar. Put sugar in saucepan over the fire, gently shaking until sugar is entirely dissolved. Put the nuts on a buttered tin and pour the dissolved sugar over them. Cool and break into squares.

## AMONG OURSELVES.

We are to have a book talk this week from Mrs. May Sampson, who not only

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**Work Shoes**

You can always depend on the wearing quality of Mayer work shoes for all uses and in all kinds of weather.

Built solid, of selected and seasoned leather, they are by far the best work shoes for Farmers, Miners, Prospectors, Lumbermen, Mechanics, and Working Men to wear.

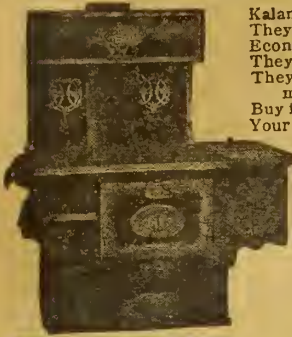
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For a "dress-up" shoe wear the "Honorbilt" for men.

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Kalamazoo are fuel savers.—  
They last a lifetime—  
Economical in all respects—  
They are low in price and high in quality.—  
They are easily operated and quickly set up and made ready for business.—  
Buy from the actual manufacturer.—  
Your money returned if everything is not exactly as represented.—  
You keep in your own pocket the dealers' and jobbers' profits when you buy a Kalamazoo.

## WE PAY THE FREIGHT.

We want to prove to you that you cannot buy a better stove or range than the Kalamazoo, at any price.

We want to show you *how* and *why* you save from 20% to 40% in buying direct from our factory at factory prices.

If you think \$5, or \$10, or \$40, worth saving

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ROYAL STEEL RANGE  
For All Kinds of fuel.

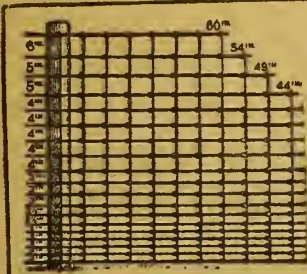
Examine our complete line of stoves and ranges for all kinds of fuel. Note the high quality; compare our prices with others, and then decide to buy from actual manufacturers and save all middlemen's profits. Catalog shows 267 styles and sizes for all kinds of fuel. Write now. Sold on 360 Days Approval Test.

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All Kalamazoo Cook Stoves and Ranges are fitted with patent oven thermometer which makes baking and roasting easy. All stoves blacked, polished and ready for immediate use when you receive them.

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For its "Peerless Tie" close mesh, strength and durability. Our motto is "not how cheap but how good." Yet our prices are as low as any compared with weight. We use the best galvanized steel wire. Our hog fence is superior. Our poultry fence beats the world. Our lawn fence is ornamental. Our slat corn cribs and steel grain bins are popular. Ask your dealer, or write us for catalogue.

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Every wire—both strand and stay—No. 9 gauge. Thickly galvanized. Best grade steel. We mail free sample for inspection and test. A more substantial, stock-resisting, time-defying fence was never stapled to posts. We pay freight on 40 rods. Write for book showing 133 styles. The BROWN FENCE & WIRE CO., Cleveland, O.

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Handsoms, easy to build, always stands erect. Ask for Fence Book 12.  
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For lawns, churches and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue Free.  
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NOTHING bothers more than gates in snow time. With the IOWA raise your whole gate from the ground. Besides the snow will not drift about the wires.  
The IOWA gate is so simple we can sell it cheap, but being made from ROLLED STEEL TUBING will last for a lifetime. No wearing parts—simple hinges—can readily be adjusted to a hog tight gate.  
CHEAPER THAN WOODEN GATES.  
Write for our low prices and a dozen reasons why every farmer should have them.  
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## Stock & Poultry FENCE

Many styles and heights; Diamond or Square Mesh; prices low. Sold direct on 30 days free trial, freight prepaid. Catalogue free.  
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FOR SALE: A good, clean stock of hardware and furniture in Iowa. No room schools, good churches. Business experience not necessary to insure success, for with good horse sense you must succeed. No trade considered. Address, D. Homestead, Des Moines, Iowa.

WANTED at once sober, reliable farm hand, good milker, by the month, workers only apply, references required, good wages. A. E. Shan-auder, Box 229, Dayton, Iowa.

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knows a good book when she meets it, but knows how to chat about books in quite delightful fashion:

Not about some of the new copyright books do I feel inclined to talk this pretty morning, but I'll go back a number of years. O yes, I've read a number of the newer books this winter, but there are some of the older ones, the charm of which is not lost by re-reading, and that wholesome old English story, "John Halifax, Gentleman," is one of them. Do not neglect to affix the title, "Gentleman," to the name, for who can follow the boy through manhood and not see at all times the true gentleman gleaming through every trial and circumstance? Take the little ten-year-old famished and poorly-clad lad and go with him on through his apprenticeship in the tan yard, his development into manhood, with its ambitions and desires, his realization of the fond hopes he had cherished and see gleaming through it all and at all times the tender charity for the weak, sympathy for the oppressed and firmness of conviction in what constituted duty. Always with due respect for his superiors in wisdom, but no tolerance for the supremacy of one intelligent human being over another where it in any way resulted in exalting the one and debasing the other because of mere inheritance. The beautiful affection he always felt for the afflicted Phineas drew out the tender side of his nature and its steadfastness. The romance of his life was his love for the worthy Ursula; and while the love making is not depicted with the gush and demonstration so many romances delineate, yet one feels the sincerity of it all, and that its depth can only be measured by life itself. And now we follow John and Ursula on through their home life and the rearing of their little family. Their eldest and a daughter being blind from birth was at first an almost overwhelming sorrow to the devoted parents, but at last it proved a blessing and a benediction to the family. The trials that came to them were very much the same as come to any well-regulated family, but their gentleness and firmness in surmounting the difficulties are well worth emulation. Their lives of kindness and charity to the erring and fallen, without in any way compromising their principles of right or imperiling the welfare of their little brood is highly commendable. We follow them on through their lives of usefulness and harmony till at last we stand beside them in their final and long sleep that knows no waking in this life, then we close the book and feel it is complete. Their life story told, we leave them with the Heavenly Father whom they in their own way served. Just a few words now on another topic. How many of the sisters have thought that by the very assumption of the name Cousin Hardmaster acknowledges the wrongs of the life his pen so forcibly portrays? He observes the shortcomings of those around him and delineates them in such a manner as to call forth champions for the better, truer way of living. In this way he combats the deplored conditions of his observation. O for a glimpse of his home life now.

Come, cousin, doff thy mask,  
And from thy wave-lashed shore  
Upon the troubled waters  
Thine oil of peace now pour.  
The gauntlet's thrown, we breathless wait!  
John Halifax, Gentleman, is a book which has a perpetual and beautiful appeal. I shall be glad if Mrs. Sampson's chat increases the number of its readers.

Cousin Hardmaster is flattered by the interest taken in him, I know, for he is here again today—still with his mask on though. It is so much fun hearing him this way. I am not sure that I want him to put it off just yet, although I sympathize with Mrs. Sampson's clever plea:

No, people don't always show a family resemblance. Take for instance my brother, Vanderself, so named for mother's family. He's a genuine Hardmaster, though you'd hardly believe it. And here's Goodore, no relation to me at all, yet we're often mistaken each for the other. "Such a rough-looking man," the ladies say. By the way, he's married to a niece of mine, daughter to my brother, Vanderself. Van, as we call him for short, has the most angelic disposition in the world. He positively won't quarrel. Even as a little boy at school he would bear all the contumely that could be heaped upon him by the other pupils and never defend himself by a word. It saved him from participation in more than one punishment that he never could be shown to have taken active part in a scrap. Van was too delicate to work on a farm and the question of his future became a subject for anxious deliberation at home. It worried everyone but Van, who, with nice resignation, left the matter entirely in our hands. The only clew to a prediction he ever offered was when as a very small boy he answered every fond inquiry as to his intended vocation by sweetly lisping, "It's going to keep a candy store." That always made us laugh. It did sound so cute. In time, this early hint came to be regarded more in the light of precocious inspiration than as mere juvenile naivete, but at the time of his marriage nothing definite had been decided upon, and he brought his wife home to live with mother. That suited mother, as it gave her a chance to have the young people in training for a while, and she improved the time for the purpose of impressing upon the young woman's mind the deep nature of her obligations to Van. Her advice to him might be condensed into: "Watch your wife and your business will take care of itself." At the end of two years a store building was rented and Vanderself was launched on a mercantile career. At the same time his family was domiciled in three small rooms at the rear of the store. They had been used for store rooms, but mother said that they would do for Nell to keep house in. "Why, yes," Nell said, "they will do for a while, but I do hope that some time we will be able to buy that pretty Summerdale property." Then mother made round eyes and shut her lips tightly and afterward warned my brother she feared that his wife would be extravagant. "No," said he gently, "I think not." Van is so patient. The store was not a success, chiefly, we thought, because his domestic relations were not pleasant. Nell kept on thinking about the Summerdale property and she would harass Van with suggestions concerning his business. "I know," she used to say to him, "that we could make the store pay if you would let me keep the books and help select the goods." That and other insinuations that he was incompetent frequently drove my sensitive brother to his mother for sympathy. "If your wife was any account," mother told him, "she would hustle out and find something to do and not depend on you for everything." When the time came for mother's estate to be divided, Van's share amounted to \$3,000. Nell was ready to spend it, trust her. "Now is your time to get the Summerdale property," she begged. "Two thousand dollars will buy it, and you will have a thousand beside to put into your business. You can advertise your old stock for a remnant sale; that is what you ought to do, and put in an entirely new stock. And O we do need the place so! Think of the girls, quite young ladies, what it would mean to them to have such a home. O Van, please do! Won't you, dear?" And Van with his angelic soul in his mild blue eyes, answered her warily: "Perha-a-ps. I'll see-e-e." Nell knew what that meant. As soon as the money was paid to Van he placed it with a company that was operating a colonization scheme in Porto Rico and offering special inducements through their agent who was at work in Van's locality. I think that's about all. There was much surprise when my niece married Goodore, but she said that her ma hadn't been happy with an angel and she thought she wouldn't want one. She seemed to be suited. O yes! I met Van one day and I said to him carelessly, "How's Porto Rico?" "Well," he answered in his gentle way, "I'd a little rather you didn't say anything about it at the house, but—" "What?" I yelled, "did you lose out?" Said he: "O maybe not; I hear that the government is going to get after those fellows. If it does, I may get my money back." Vanderself is so patient.

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Another man who created a sensation Among Ourselves, one who has been asked for several times, is with us today. I have the pleasure of presenting Minnesota Nicholas:

When I read our editor's comment on my article which appeared in January I prayed the prayer of old King David, "Cleanse thou me from secret faults," for though I trust I am living up to the principles I advocated, I feel the exalting influence of her words in directions where praise is unmerited. And the recent kind words of some members of the circle, for which I thank you all, do not lessen that influence. I am asked what sort of mother I had and how I came to hold my views. Mother was all mother; not highly educated, it is true, which is evidenced by the fact that she was the mother of seven children, and I never heard her complain that she had too many. Nor was she afraid to apply the gad to girls and boys alike for all forms of iniquity. I, being the youngest, not only received her training direct, but had the benefit of a good deal second hand, well applied and well rubbed in. I do not remember that mother ever gave me any special talk on the subject in question, but she got her children into the habit of going to church where I got acquainted with and fell in favor of a number of respectable and high-minded old maids, whose influence needs no further mention. Other than these facts and that I was always naturally on the girls' side, I got my views mainly from observing the sorry mess most of their lives. It had been my intent to write and ask why Illinois Bachelor did not come out and defend himself, for I was loath to see one with his evident good intentions "go way back and sit down." I am glad to see him

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appear at the close of the tumult and set himself right, and I move to place him free from all charges which accident brought against him, in the king row, where he may enjoy the reading of his books with a clear conscience. Among them I hope he has "Don Quixote," "Natural Law in the Spiritual World" and "The Reveries of a Bachelor."

Minnesota Nicholas will come to us again some day soon to speak about another matter. A third man, an Oklahoma Bachelor, craves the privilege of the floor:

I have been very much interested in the discussion on women's work in the field, young people's relations to each other in a social way and other questions, but most of all I heartily indorse the Illinois Bachelor's opinions about kissing, for a young man who is proud of his character and good name will seldom think of such a thing as kissing or other familiarities unless the young lady he is with acts in such a way as to invite it. Now I expect this will raise a storm, but I have known girls to say, "I don't like to go with such and such a fellow. He is too slow," or "He won't hug a person at all." I think Nebraska Bachelor about right in his plea for equal standards. I know and deplore the fact that both men and women recognize a different standard. I say woman, for a girl will go with almost anything dressed in man's attire, just so he can spend money and is talkative and can joke, but at the same time refuse to recognize her female acquaintance who has been unfortunate, but is possibly worth ten of the man referred to. I would like to say to the young girl just starting out in company, as I told a girl friend not long ago, a man who considers himself a man and is a man doesn't care for the company of the girl who likes to be hugged and kissed.

Does it occur to the friends that there has been something sadly wrong in the training of girls who enjoy promiscuous hugging? What sort of mothers and fathers can they have had? Every woman and every good man likes to think of women as pure and sweet and winsome, but is it not a fact, a fact we must face, that all girls are not of this type? It is not also a fact, a fact we should face, that when girls are bold and unwomanly it is because their fathers and mothers are not what they should be? This thought deserves attention, but there is also another side to the matter. It is suggested in the topic for discussion which Miss Knawill is about to propose:

I have been reading this paper for a few years. I enjoy reading it and think the Home Department is just fine, and would like to send a topic for discussion: "What is a girl's duty to her mother? Should a girl's mother know who she is writing to and what company she is keeping?" Some of our young people have been reading the Home Department for some time and can hardly wait from one week till the next. Some of them think the Illinois Bachelor is all right and others think he is a crank. I think it is a pity more of our boys are not like him.

The question of what a girl's duty is to her mother with regard to her friends and her correspondence opens what should be a fruitful and profitable discussion. I hope we shall hear from both mothers and daughters and it might not be a bad idea to hear from the young men also. Do they like girls who give their confidence to their mothers or do they prefer a girl who "keeps her business to herself?"

We are not through yet with the discussion precipitated by June Bug. Mrs. Violet will speak today for those who object to disparity in age being considered a bar to happy marriage:

I would like to suggest to June Bug that circumstances alter cases, that there are exceptions to all rules, and that indeed there are no hard and fast rules by which we may be governed in marrying or giving in mar-

riage. Nor is any person altogether competent to judge for another in such matters. I, too, speak from experience, as for nine happy years I have been the wife of a man nearly fourteen years my senior. This man has at all times been a kind and loving husband and father, and neither since our marriage nor before did it ever occur to me to think of him as "old." I have yet to be made a "chore girl" of, although I should be ashamed not to lend a hand during thrashing season and other extra busy times, always provided I am able to do so. At times when I have been unable to do all my own work, and hired help was impossible to find for love or money, this same "old" husband has cheerfully washed and churned, mixed bread and even upon occasion washed the dishes or cooked his own breakfast and dressed the baby. I really think, Sister June Bug, that it is the man that counts, and not his age. If one of those girls of yours should meet a man who is suited to her in every other respect, don't try to ruin her happiness for life simply because he happens to be ten or even fifteen years her senior.

One woman marries a man much older than herself, and, missing happiness, attributes it to the fact that her husband is too old for her; another woman marries a man much her senior and, finding happiness concludes that difference in age is a matter of small moment—and there you are. But all the same there are principles involved in this matter, and as discussion is bringing them to the fore discussion is valuable.

Mrs. Thompson, of Herman, Neb., comes to us seeking advice:

I am a reader of the Home Department and being deeply interested in the Among Ourselves column, have concluded to write a few words. I have learned much by reading the letters from the correspondents, and they seem so willing to lend a helping hand that I thought I would ask them for advice as to how it would be best for a lone woman with \$300 and young daughter to make a home for themselves, in order to avoid living with strangers. No doubt there are some among the many readers who are able to give me advice. If they will be so kind they will have my lasting thanks. I am fifty-five years old and my daughter is yet in school. For years I have lived among strangers, but am anxious to have a home, be it ever so humble. The garden city subject seems to mean so much for the homeless. I am much interested in Mrs. Diggs, as I think she is interested in socialism, or in other words, loves to encourage people to live according to the Golden Rule.

Now, friends, lend a hand. Tell Mrs. Thompson what you think she might, should or could do to attain her ambition.

Just another word and then we adjourn. Mrs. Belle Hancock writes that she would be so glad of book talks from mothers who are trying to teach their children to love the good and the pure in all things. Who will respond to her call?

I wish to call the attention of the friends to this week's With the Editor. It is my very earnest hope that every reader of the Home Department will read and read again what is there presented, and that in consequence certain views of President Roosevelt will be the subject of conversation between husbands and wives a very great many.

#### Dressmaking and Millinery, No. 559.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

The ladies' costume illustrated in this number is made up of two designs or patterns, and when these are shown I find it



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necessary to call attention to the fact that they are separate patterns that may be used together or separately, but in no case are they sent as one.

It has been mentioned that the Eton jacket will be very popular during the coming season, and many are even now having these nobby garments made up as part of a suit that is to be worn when the season opens. In design these do not vary greatly from season to season, but each may make such variation as will suit her especial need. For instance, if one has worn an Eton one or two seasons since, she should select for this season one that differs from its design as widely as possible, and thereby obtain the "new" effect. The Eton pictured in No. 5456 is one of the most charming, yet it is very simple in construction, the shawl collar and applied box pleats being its chief features, and these are always easy to manage. The garment is of broadcloth in a deep green shade, the collar of white broadcloth, and the trimmings and



[5456—Eton with Applied Box Pleats.]  
[5568—Three-Piece Suit.]

buttons of velvet in a shade darker than the garment cloth. Any fancied variation may be made, and if liked, one material may be used throughout. Pippings may trim collar, cuffs and pleats, as well as the lower edge. Braid may be used for trimming, and one may find a broad, fancy braid that can be substituted for the applied pleats. Eton pattern No. 5456 is cut in sizes for a 32, 34, 36, 38, 40 and 42-inch bust measure. Give size when ordering.

No. 5568 shows a three-piece skirt that is made of the same material as that used in the jacket described above. This skirt is on the popular circular lines, the narrow front gore being arranged in a panel pleat, the two side gores being joined to it, and meeting at the center back, where they are joined in a seam. The ample sweep that falls in ripples at the foot is an admired feature and one that promises to keep the circular skirt in favor for some time to come. Notice that tiny buttons trim the front panel to some distance below the waistline, these corresponding with the mode of trimming the jacket. When making a circular skirt it is a good idea to leave the bottom unfinished and hang the skirt by the waistband for some time that it may "sag" as much as it is likely to, then shape it again by the pattern and finish the bottom, and for convenience leave the back seam open until all else is done. Any skirt is much more convenient to handle as a "flat" piece. Try it. No. 5568 pattern is cut in sizes for a 22, 24, 26, 28 and 30-inch waist measure. Give size when ordering pattern.

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familiar and so popular that they need little description. In fact, it is a foregone conclusion that every girlie must have one, else will she find herself as one girlie puts



[5572—Girl's Peter Pan Dress, 6 to 12 years]

it, "the odd one." No. 5572 has the tucked waist in the style suggested by its name, and the characteristic collar and cuffs, the "patch" pocket, and the knitted skirt. There

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is a waist lining to which outside waist and the skirt are joined, and the belt conceals the seam that joins skirt and waist. The dress closes at the back, invisibly, under the center pleat, the skirt placket, being also concealed by a pleat. If of wash material I would suggest that the skirt be open to its edge, and closed invisibly, being then more

convenient for laundering. Pattern No. 5572 is cut in sizes for girls of 6, 8, 10 and 12 years of age. Give age when ordering pattern.  
Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

The International Sunday-School Lesson.  
First Quarter. Lesson X. Genesis xxvi, 12-25. March 10, 1907.

### Isaac a Lover of Peace.

This eldest and sweetest of pastorals keeps on with an ever-augmenting interest. Isaac, the son of promise, is born at Beersheba, his very name (Laughter) signifying the joy with which his advent is greeted. The mother's skeptical laughter is turned into triumphal exultation and joy in God. (Gen. xxi, 4-7.)

The name, according to the story is chosen by the Lord Himself, and is designed to commemorate the unusual circumstances of his birth, and of the gladness it brought. The significance is referred to three times. (Gen. xvii, 17; xviii, 12; xxi, 6.) It is prophetic of the character of the little bearer of it, and more important yet, it suggests the relation in which he stands as the seed of Abraham, the channel of the promised blessing and the type of Him who is pre-eminently the seed, whose birth has put laughter into the hearts of myriads of our race.

With no set purpose, but naturally, this unknown annalist gives us a glimpse of the patriarchal life as he describes the weaning of the child. A feast is made to celebrate even as trivial an event as this. They make merry over the emergence from babyhood. The child is no longer a suckling, but capable of self-sustenance and a measure of independent action.

Then comes the rivalry of Ishmael, the lusty half-brother of the new heir to Abraham's prestige and wealth, and the consequent pitiful expulsion of Hagar, the bond-woman, and her son, the latter destined to become the sire of a rich and powerful race.

The years of Abraham's "princess" are full. Sarah dies in Hebron, and the stricken patriarch mourns and weeps for her sincerely. Over her body, weighted with its aromatic unguents and wrapped in cere-cloth, he bargains for a sepulcher, and weighs out to Ephron the Hittite four hundred shekels of silver as the price.

There is a true and attractive tinge of Orientalism in the selection of a wife for the heir of the promise. Off on this delicate and important errand goes Abraham's trusted head steward, bound by an oath, to choose the bride in the best family of the far-away fatherland, Padan-aram. The narrative is fairly photographic as it minutely describes the preparations, the journey, the meeting of Rebecca at the well, the servant's reception in the home of Bethuel, the telling of his

errand, the present, Rebekah's consent, and the glad homeward journey.

It is the hand of a master that puts the last strokes upon the inimitable picture of an Oriental courtship. No de-nouement could be more natural or true. The contemplative patriarch is a-field, meditating in the twilight, when the caravan bringing his bride arrives. The bride-elect alights, and at the same time, true to custom, shrouds herself in her veil. The trusty servant gives account of his journey and its successful issue. So ends this four-thousand-year-old idyl. Isaac brought her into his mother's tent, and took her, and he loved her, and was comforted after his mother's death.

The very placidity of Isaac's character insure the brevity of the narrative. Happy are the people whose annals are dull! Absence of events argues peace and plenty. In such periods there is the wholesome growth of domesticity, which is the underpinning indispensable to the stability of the political superstructure. Effort to picture Isaac as an effeminate character meets with indifferent success. The life of Isaac is not "the echo of the life of Abraham." His spiritual life is on a higher plane than that of his father. His meekness and gentleness indicate a decisive progress like that of his pure monogamy. His poise is admirable. The King of the Philistines proposes a league with him as with an equal. His quietness, tranquility, and confidence in the Lord have a glorious issue. He will be forever recognized as one of the three immortal progenitors of the Hebrew race.

### Analysis and Key.

1. The eldest pastoral of literature. Continued.
2. Birth of Isaac. Name and significance.
3. Minor incidents. Weaning. Rivalry of Ishmael.
4. Death and burial of Sarah.
5. Selection of Isaac's wife. Head-steward's errand to fatherland. Preparation; journey; meetings; reception; errand disclosed; presents; consent; return.
6. Isaac and Rebekah meet.
7. Placidity of Isaac: short story. Annals dull: happy people. Isaac not effeminate. Advance of Abraham. Monogamy; tranquility; gentleness; confidence.

### The Teacher's Lantern.

The large space given to biography in the Bible is easily justified. Example speaks louder than precept. The men and women of the Scripture are God's working models. They show us ethical and spiritual principles at work.

The Bible is terribly faithful in dealing with its characters. There is no veiling. The lapses of good men and the sins of the wicked are shown for our de-termination and avoidance.

Isaac has been aptly called "the Wordsworth of the Old Testament." He was contemplative and a lover of nature. The pendulum has swung to the opposite extreme from the recluse of the Middle Ages. George Herbert's quaint lines need to be heeded:

Choose some time to be alone.  
Salute thyself; see what thy soul doth wear.

Where Isaac had a tent, there God had an altar. He was reverent and worshipful. Amid those pagans he bore his witness to the unity and spirituality of God, making no graven image. To the Invisible he made his morning and evening prayer and sacrifice. So worshiped he the God of his father Abraham.

Isaac stood for monogamy. In the midst of polygamy he rose to the noblest altitude and exemplified to the wicked and adulterous generation of that far-off age the beauty and divinity of a heaven-owned marriage to one woman.

The key-word to Isaac's character is peace, as the key-word to his father's character is faith.

"Go from us." What Abimelech said

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to Isaac has been repeatedly said to his descendants. The inveterate opulence of the Jews has often excited jealousy, and led to their banishment. Almost every nation of Europe has treated the Jews harshly. The ghettos in which they were locked at night are still to be seen.

Curious Jew legends cluster around Isaac. It was said that he was an angel incarnate in human form. He was one of the three men in whom there was no evil. He was one of six over whom death had no power. He was instructed in Divine wisdom by Shem. He instituted the ordinance of evening prayer, as Abraham did morning prayer, and Jacob night prayer. All of which illustrates the commonly trivial character of ecclesiastical traditions.

In an age, the predominant characteristic of which is violence, the constancy, depth, and tenderness of Isaac's affections shine with peculiar luster. He is the lily on the dung-hill.

His life, judged by worldly standards, might seem inactive, ignoble, and unfruitful, but the guileless years, prayers, gracious acts, and daily thank-offerings of pastoral life are not to be so esteemed, although they make no show in history.

### Robert Burgess & Son's Horse Sale.

The first sale of pure-bred Percherons, Belgians, French draft, Shire, Hackney and German coach horses held by Messrs. Robert Burgess & Son, of Wenona, Ill., and Wichita, Kan., at the new live stock pavilion, at Wichita, February 22d, was a record breaker. The consignment consisted mostly of imported horses which brought fancy prices. Buyers from every state in the union were present and the bidding was fast. It is the intention of Messrs. Burgess & Son to hold a public sale at Wichita each year. Another consignment of horses is being shipped to the Wichita branch barn to take the place of those sold, and will be in charge of the well-known horsemen, Messrs. Roseberry and Coons, who will take pleasure in showing you something fine in horse flesh. At Wenona, Ill., you will at all times also find a consignment and we are sure that these gentlemen can suit you with a pure-bred horse at either place. Messrs. Chapuet Bros., of Aurora, Kan., topped the sale, paying \$2,425 for Hemington Prime Minister, a three-year-old Shire by First Lord, out of Hemington Ruby. The work of Colonel Brady, Snyder, Sparks and Berger was excellent. Below you will find a complete list of sales:

Magenta, Percheron, three years, sire Martin, dam Cherie, G. H. Fornwalt,

Penalosa, Kau. ....	\$2,000
Mulatier, Percheron, four years, sire Marquis, dam Marmotte, John Nichols, Kingfisher, Okla. ....	925
Kaiser, French draft, four years, sire Frank, dam Wenona Primrose, Thompson Bros., Chillicothe, Mo. ....	1,100
Donar, Percheron, three years, sire Distingue, dam Charlotte, William Jones, Medford, Okla. ....	2,000
Capitaine, French draft, three years, sire Caprice, dam Juliette, J. M. Mackey, Perry, Okla. ....	1,875
Hemington Prime Minister, Shire, three years, sire First Lord, dam Hemington Ruby, Chapuet Bros., Huron, Kan. ....	2,425
Birmingham, Belgian, three years, sire Brick Brock, dam Marza d'Horion, E. Shore, Coats, Kan. ....	1,950
Marquisat, two years, J. N. Lutz, Wichita, Kan. ....	1,400
Turko, Percheron, four years, sire Duke, dam Elouir, W. M. Perry, Goltry, Okla. ....	925
Broequant, French draft, three years, sire Boulonnais, dam Perette, J. N. Lutz ....	1,100
Cardif, French draft, four years, sire Otto, dam Charmante, John Nichols ....	1,075
Scapin, French draft, five years, sire Pirate, dam Bertine, Thompson Bros. ....	1,100
Desores, French draft, four years, sire Eclat, dam Lianor, same. ....	500
Barnum, French draft, two years, sire Fracas, dam Cocotte, John Nichols. ....	800
Conquerant, French draft, two years, sire Magenta, dam Belotte, Thompson Bros. ....	900
Phenix, Percheron, two years, sire Tricheur, dam Vistonette VI., Campbell & Hall, Smithville, Mo. ....	1,200
Arronde, Percheron, two years, sire Tricheur, dam Lehaunne, same. ....	975
Besique, Percheron, two years, sire Morse, dam Empress, G. H. Fornwalt, Penalosa, Kan. ....	600
Gerome, Percheron, two years, sire Tricheur, dam Edna, Thompson Bros. ....	500
Blucher, Percheron, two years, sire Tricheur, dam Celia, R. E. Edmundson, Kansas City, Mo. ....	1,300
Ganymede, Percheron, two years, sire Mon Voisin II., dam Sumatra IV., T. D. Marshall, Modoc, Kan. ....	1,610
Etranger, Percheron, two years, sire Montargis, dam Radebond, Ruben Gilbert, Lincolnville, Kan. ....	2,150
Rejoni, French draft, four years, sire Fracas, dam Cocotte, J. H. Huckelbridge, Eureka, Kan. ....	1,550
Alexander, Percheron, two years, sire Tricheur, dam Catharine I., John Nichols ....	600
Rodmond, Percheron, two years, sire Hyacinthe, dam Wenona Loree, H. R. Hastings, Hydro, Okla. ....	1,600
Belgian, seven years, John Nichols. ....	700
Percheron, four years, same. ....	400
C. A. Funk, Spokane, Wash. ....	900

### SUMMARY.

28 head. .... \$34,160; average. .... \$1,220

## Try Our Buffalo Calf Shoes For Longest Wear

For comfort? Yes. But first, last and always you will find with their "comfort" that our "Buffalo Calf" Shoes wear. Try a pair. Ask your dealer. Most dealers know and carry "Buffalo Calf" Shoes because they give the greatest satisfaction for General Durability. To interest and satisfy you in advance, we will mail you a sample "Buffalo Calf" leather tag cut in the above shape. Just ask us to on a postal card. Then test the leather to see how strong it is. Try to tear it. Bend it in your fingers and see how flexible it is. Then you'll want to wear a pair of our "Buffalo Calf" Shoes to prove their long and comfortable service and how much better made they are. They are the only practical work shoes that are good shaped enough for every-day wear—and they wear longest. Speak to your dealer about "Buffalo Calf" Shoes or write us direct. We'll show you.

Bentley & Olmsted Co.

"The Western People"

Des Moines, Iowa.



## ADVERTISING NOTES.

Mr. H. D. Wilkinson, of Mitchellville, Iowa, is offering seed corn of the following varieties for sale: Funk's Large Yellow Dent and Reid's Yellow Dent. Write him for prices and further information. See advertisement on page 12.

The W. F. Smith Realty Company, of Kearney, Neb., have issued a new list of central and western Nebraska lands that they have for sale. Their advertisement appears on page 31 of this issue. If you want to purchase or sell land, write them full particulars.

Mr. Thomas Duke, of Sheffield, Ill., is offering the Northern Star potato for sale on page 10 of this issue of The Homestead. This is a prolific producer, matures in the middle of the season and is a smooth potato of good size. The price at which it can be obtained from Mr. Duke is named in his advertisement.

Mr. Arthur Washburn, of Coal Valley, Ill., writes: "I used Mr. J. F. Delany's Seed Corn Sorter last year and I am convinced that I raised from ten to fifteen bushels to the acre more corn, because I had a uniform stand. I am well pleased with the sorter and I think no up-to-date farmer ought to be without one." See advertisement on page 10.

We desire to call the attention of our readers to the advertisement of Messrs. J. B. Armstrong & Son, of Shenandoah, Iowa, that appears on page 10. At present they have on hand a very choice grade of seed corn, both in the ear and shelled. They will be very glad to quote prices on same and answer any inquiries. Besides corn, they carry a full line of grain, grass and vegetable seeds. Write them for catalog.

There is offered for sale in an advertisement on page 23 of this issue, the address of which is "D," Homestead Company, Des Moines, Iowa, a good clean stock of hardware and furniture. This stock is located in a good Iowa town where there is no competition. Any reader of The Homestead desiring to purchase should read the advertisement and address as above.

There is offered for rent in an advertisement that appears on page 30 of this issue of The Homestead, the address of which is Box 81, Independence, Iowa, a 246-acre farm located in Henry county, Missouri. There is also offered for rent, in the same advertisement, a 640-acre farm located in Wilkin county, Minnesota. For further particulars see the advertisement and address the advertiser.

Mr. John Kern, of La Bonte, Wyoming, has a stock ranch which he is offering for sale in his advertisement that appears on page 30 of this issue. The ranch contains 760 acres of deeded land, 225 acres of which is irrigated. There are 500 head of cattle, ten horses and implements on the ranch. The improvements are a good six-room house, barn, granary, shop, machinery house, sheds, corrals, etc. For further particulars read the advertisement and address the owner, Mr. Kern.

Sunny southern Alberta, Canada, is particularly favored in the way of markets and transportation facilities, Calgary having a large packing house whose demands are greater than the supply. There is a large line of elevators with present capacity of 1,120,000 bushels of grain that will within the year have been increased to 5,000,000 bushels. The O. W. Kerr Company, of Minneapolis, Minn., have large tracts of land in this district. Write them for booklet and maps. See advertisement on page 30.

There are in almost every line of industry in this country a few large companies whose product is recognized universally as superior in quality to similar goods of other makes. The Elkhart Carriage & Harness Mfg. Co., of Elkhart, Ind., in the carriage industry represent one of these quality manufacturers. They have, during the past thirty-four years of their existence, built up the largest direct-to-the-consumer carriage and harness business in the world. They make over 200 styles of vehicles and sixty-five styles of harness. Their large cata-

## BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it"

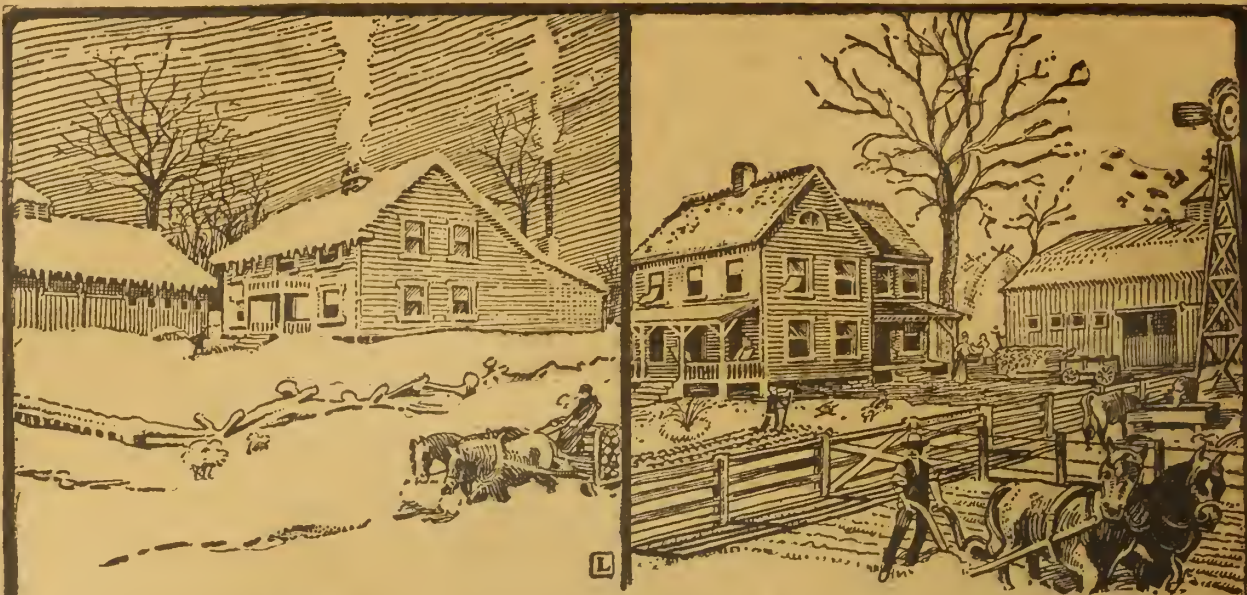


See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

### Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.  
69 Fargo Street, Batavia, Ill., U. S. A.



## Where would you rather be?

In the North or East hugging a stove to keep warm, or living a free, comfortable, out-of-door life in the Southwest? The farmer in the Southwest is enjoying his winter. He hardly ever sees snow and "a freeze" is almost unknown to him. He is able to work out-of-doors all the year and it is not uncommon for him to raise two or three crops a year. Five or six cuttings of alfalfa is the expected thing and it seldom fails.

He does not know what it is to build expensive shelter for the protection of his stock in winter and as for long feeding periods he is spared that expense.

When you stop to think that he has all of these advantages, and besides has only paid a fifth or a tenth as much for his land as you paid for yours and can raise 30 bushels of wheat, 50 bushels of corn or 90 bushels of oats to the acre, don't you think he has all the best of you?

He has good markets and usually gets better prices for all he raises than you get. Schools and churches are good and convenient. The climate is healthful and pleasant and altogether the Southwestern farmer is prosperous and contented.

Why don't you move to the Southwest? You can own a big farm there for what a small one costs in your state. A few years hence, this low-priced farm will be a high-priced farm in a highly prosperous community.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines

1413 La Salle Street Station, Chicago

or

1413 Frisco Building, St. Louis.



log showing complete line is sent free upon request. See advertisement on page 17.

The Springtime issue of The Separator News, a big semi-annual publication of the Sharples Separator Company, of West Chester, Pa., is now being sent to readers. The News consists of six pages, standard newspaper size, illustrated in colors, and is packed full of facts and information about Tubular separators and the dairy business—a big feature being the testimony of Tubular users. The News circulation for the present issue is 600,000 copies, sent all over the United States wherever dairymen live, and the mailing out of which keeps a big force of people busily engaged for a month. A postal request, mentioning The Homestead, addressed to the Sharples Separator Company, West Chester, Pa., will bring The News to the homes of those interested within the United States. Free.

THE FIFTH WHEEL OF THE SPREADER is an important part of the machine. It should be made oscillating so when one wheel drops into a deep furrow the body of the machine carrying the machinery will be carried level, not cramped out of shape. The fifth wheel on the Great Western Spreader is of the oscillating pattern, sixteen inches in diameter.

### CORN, STOCK AND DAIRY LANDS.

The opportunity to secure some of the lands that are listed in another column should not last long. In Faulk and adjoining counties in South Dakota are some choice dairy lands now being offered for from \$15 to \$25 per acre on reasonable terms. Any one wish to know more regarding these farms or others in Minnesota and Iowa should write to the E. M. Kleron Land Company, of Minneapolis, Minn. See their advertisement on page 31.

### PAIRS OF STOCK FOOD GIVEN AWAY.

To prove beyond all doubt to every intelligent stock raiser the value of Wilbur's Stock Food, the Wilbur Stock Food Company, 330 Huron St., Milwaukee, Wis., are making a very interesting offer on page 34 of this issue. They propose to demonstrate to every stock feeder that they have one of the best stock foods as a conditioner and feed saver that is on the market. They stand ready to give a full-sized twenty-five-pound pair to every reader of this paper who will write them a letter and answer a few questions. Now, it will only take you a minute or two to write to this firm, and without a doubt you will be the gainer in the end. At this time of the year there is a necessity of feeding some kind of a conditioner and a good stock food fills the bill as well as any preparation that can

**STEEL ROOFING**  
PER 100 SQUARE FEET  
**\$1.50**

FIRE  
WATER AND  
LIGHTNING PROOF

Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not rot, rust, or burn. Makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 ins. wide and 24 ins. long. Our price on the corrugated, like illustration, sheets 23 ins. wide x 24 ins. long, \$1.75. At 25¢ per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square, \$2.00. Fine Steel Beaded Ceiling, per square, \$2.00. Can also furnish standing seam or "V" crimped Roofing. **WE PAY THE FREIGHT TO ALL POINTS EAST OF COLORADO** except Okla., Tex. and Ind. Ter. Quotations to other points on application.

Satisfaction guaranteed or money refunded. We will send this roofing to anyone answering this ad C. O. D., with privilege of examination if you will send us 25% of the amount of your order in cash; balance to be paid after material reaches your station. If not found as represented, you do not have to take the shipment and we will cheerfully refund your deposit. Ask for Catalog No. WE 600. Lowest prices on Roofing, Eave Trough, Wire, Pipe, Fencing, Plumblings, Doors, Household Goods and everything needed on the Farm or in the Home. We buy our goods at Sheriff's and receiver's sales.

**CHICAGO HOUSE WRECKING CO., 35TH AND IRON STS., CHICAGO**

be secured. If you are interested in this proposition just turn to the advertisement and write these people a letter. When so doing kindly mention this paper.

### DO YOU WANT A FARM IN TEXAS?

If you want to buy good land in the Panhandle of Texas write Messrs. Boyer, Peterson & Co., Gumbel Bldg., Kansas City, Mo. This firm have some splendid land at \$10 and \$15 an acre in Oldham county, Texas, in the shallow water belt. The firm are reliable and will sell this land at the best rock prices quoted above. They invite Homestead readers to visit their office when in Kansas City. See their advertisement on page 31 of this issue.

### STRONG, HEALTHY HORSES.

It requires a little extra attention at this season of the year to keep the horses in strong, healthy condition. The operations of the farm are so dependent on this animal that it is absolutely essential that his usefulness be maximum. Keep his blood in good shape and he will escape many of the petty influenzas and distempers that are common among ill-cared-for beasts. A stock tonic may be given with good results. The "Prussian" stands high in the estimation of horsemen. On page 28 will be found their announcement which would be well for you to

consult. In writing inquiries address the Prussian Remedy Company, St. Paul, Minn. Kindly note that you saw their advertisement in The Homestead.

### IT DRAWS LIKE A MAGNET.

Everyone knows how a magnet draws a piece of steel to its surface. If you knew a proposition that would draw business like a magnet draws steel you undoubtedly would think it worth investigating, would you not? On page 30 will be found a proposition that should interest those looking for a good profitable business in the line of real estate. If you are interested in further particulars write the National Co-Operative Realty Company, and address them at 957, Chicago, Ill.

### A BUSHEL OF FRUIT FROM EVERY TREE

This might be a big yield or a small yield depending on the age of the tree. However in this case it happens to be a young tree. The "Minnetonka," one of the latest triumphs of apple culture, is a guaranteed apple. To get you interested in this tree Messrs. L. L. May & Co., of St. Paul, Minn., leading nurserymen, want to send you one of these trees free for trial purposes. This is only one of the many good propositions which they are offering, and if you will drop a line to this company for their grand book



they will tell you all about this offer they are making. This is one of the most northern nurseries in America and has the name of handling very hardy plants and trees. Kindly refer to their advertisement on page 11 and mention The Homestead when you write.

#### FACTS ABOUT MONTANA.

"Facts About Montana" is the title of a beautifully-illustrated souvenir edition describing the wonderful resources of that state. You will be surprised to know what a rich territory is embraced in the boundaries of Montana. This state may hold great opportunities for you. The time to investigate is right now before any more years slip over your head. A request will bring the booklet, as offered on page 30 of this paper. Address George E. Mushbach, Red Lodge, Carbon county, Montana.

#### NORTHERN GROWN SEED CORN.

On page 12 of this week's issue will be found the seed corn advertisement of the Gateway Nursery Company, of LeMars, Iowa, who are offering the very best varieties of northern-grown seed corn. This is sold under the Holden test and is a new departure in the seed corn business. They also have all kinds of nursery stock and have issued a very neat descriptive catalog of hardy fruit and ornamental trees. Write for their catalogs of both seed corn and hardy fruits, which will be sent free to all readers of The Homestead.

#### FREE SAMPLES OF CONGO.

Don't take whatever roofing the nearest dealer works off on you. Investigate carefully and save yourself trouble for many years. Write for a sample of Congo Roofing; the manufacturers will send one free. See how strong it is, how well made, how good and durable its materials are. It is called "The Neverleak Roof," a daring name, but it earns it and justifies its reputation for staying tight. See advertisement on page 25 and write for that sample before the offer is withdrawn. Address the Buchanan-Foster Company, Chestnut St., Philadelphia, Pa.

#### VAUGHAN'S SEEDS.

Vaughan's seeds have planted many a garden that has brought joy and satisfaction to the man with the hoe and the woman with the paring knife. It pays to plant only reliable seed. Vaughan's seeds have made a name for themselves as a reliable seed house should covet. In our columns this week you will find an announcement that will certainly be of interest to you if you own a garden. They tell you the kind of seeds you want for profit. If you have not yet secured a copy of this company's spring seed catalog do so at once. Address Vaughan's Seed Store, Chicago, Ill. See page 12 for their "Hoodoo" melon.

#### BROME GRASS SEED FOR SALE.

Mr. G. W. Schwab, of Clay Center, Neb., wishes to announce to the readers of The Homestead that he has 200 bushels of brome grass seed for sale at a reasonable figure. Parties wishing something to increase the value of their pastures and make a good hay crop should experiment with a small field of brome grass. Government reports have proven that it makes six times as much pasture as blue grass and does it better, and if brome grass is taken alone it makes a better hay than timothy. For pasture it is big enough a month earlier than blue grass, keeps good through the entire season and late in the winter. April, May and June are

*"I had a colt cut on barbed wire fence - my sheep were alive with ticks"*



"I mixed one part Dipolene with one part sweet oil and the colt did well. The sheep I bought and they were alive with ticks. I dipped them in Dipolene and could not find a live tick on them soon after. One of them was full of maggots. I dipped it twice and that ended the maggots. Dipolene certainly gives excellent satisfaction. I use it for pretty nearly everything and would not be without it. I don't think a man that has any stock around him can afford to be without it."

Cushing, Ia. C. B. DANIELS.

Read the last two sentences of this letter again.

He uses Dipolene for "pretty nearly everything"—that means Dipolene is more than a dip—it's a remedy that has a wide range of usefulness on the farm—it's something above the ordinary.

That's why he says "no man with stock can afford to be without it"—and we just want the privilege of convincing you that Dipolene is one of the best friends the farmer and stockman can have at hand.

Dipolene is a pure coal tar preparation for the cure and prevention of disease among farm stock and also for ridding them of all animal pests.

When we say pure—we guarantee it. If you'd keep it 20 years it would be just as clear, free from sediment and as effective as the day it was purchased. Its purity is proof of its quality—there's none "just as good."

It's non-poisonous—that means there's no danger in its general use even if stock take it internally.

What it is good for—"nearly everything" as Mr. Daniels says and he said it from experience.

It is especially good for Scab, Mange, Eczema, etc., it kills lice on hogs, poultry and cattle, sheep ticks, maggots, fleas, mites, etc., and does it in a minute. It works so quick that it has been termed the "one minute stock dip."

### DIPOLENE

THE ONE MINUTE STOCK DIP

Its greatest value is found in its preventive qualities because it no doubt has saved hundreds of thousands of dollars for farmers and stock raisers by preventing the spreading of contagious diseases.

Disease can't get a foothold where Dipolene is used. A few cents' worth occasionally sprinkled in the pens, troughs, sheds, barns, etc., provides the best safeguard and insurance against disease a farmer can procure.

Why take chances? You can't tell when disease is going to break out in your hogs, sheep or cattle.

You can stop it—you can prevent it with Dipolene.

Suppose you send for a can of Dipolene on our free trial offer, and be prepared. You've nothing to risk in doing so—we take all that—here's the offer that per-

mits you to test Dipolene at our expense if it is not what we claim.

#### 30 DAYS FREE TRIAL OFFER

Buy a can of Dipolene from your dealer. If he does not handle it then send to us direct—we pay the freight. Try it 30 days and if not as represented, send it back at our expense. All dealers have authority to make this liberal offer. Accept no substitute—there's none "just as good."

Isn't that fair? Let us send you our "Budget of Real Letters" telling of the experiences of many more users like Mr. Daniels for many other diseases.

If you need a tank our Improved Dipping Tank will give you more service and value than you can get for same money.

Made of No. 20 galvanized steel and so constructed as to prevent drowning. See round back. Ordinary tanks have square back—see dotted line. Animal slides in—can't fall in or turn over. Equipped with ladder. A durable and most satisfactory tank. Sold by dealers or sent direct, freight paid.

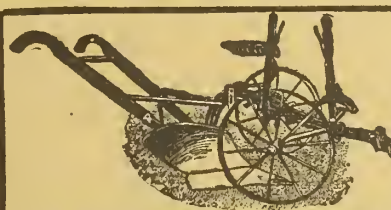
MARSHALL OIL CO.,  
Dept. D3,  
Marshalltown, Ia.



the best months to sow it, as there is danger of wind drifting it if sown too early. For hay cut when in bloom.

#### POTATO BUGS ARE COMING.

That is one thing you do not have power to stop—the coming of potato bugs. The only way that this pest can be handled is after they have made their appearance. Then plan a reception for them. Plan a good, hot one, for what is worth doing at all along this line is worth doing well. The potato bug is just fool enough to eat everything that is green simply because green leaves are good. He has a special preference for the Paris green solution when it comes from an Aspinwall sprayer. We know you will want to know more of this sprayer, so we are going to inform you that it is only one of the many machines used in potato culture that are made by the Aspinwall Manufacturing Company, of Jackson, Mich. If you are intending to purchase anything in the line of potato cutters, planters, sprayers, diggers,



THE BANNER PLOW COMPANY,

### THE BANNER RIDING ATTACHMENT.

This SAME attachment can be clamped to any right or left-hand, wood or steel beam, walking plow, lister, sod breaker, middle blaster or harrow that is made. ONLY \$15.00 from your dealer or delivered by us to your station. WE WANT AGENTS. Write us for terms, territory and full description.

COFFEYVILLE, KANSAS

etc., you should have their catalog. Kindly mention The Homestead when writing for it. See page 11 for further details.

#### A VALUABLE BUGGY BOOK FREE.

Mr. H. C. Phelps, president of the Ohio Carriage Manufacturing Company, Station 31, Cincinnati, Ohio, who is the originator of the famous free trial plan of selling buggies from factory to consumer and who is doing the largest business of this kind today, has just published a remarkable buggy book, giving the facts of buggy making as never before placed before the public. He has sent out over 150,000 of these valuable books to interested buggy buyers throughout the United States, and would be glad to send you one free if you are interested and wish to learn something about how buggies are made. (Write Mr. Phelps for one of his famous books today on a postal card and you will receive it free by return mail. Write him at the above address.)

#### NURSERY STOCK ON ITS OWN MERIT.

For thirty-five years the Des Moines Nursery Company have been selling their product to a wide patronage that has increased from year to year. It has always been the policy of this company to sell their stock purely on its own merits. Any firm that is willing to be judged in this manner by its patrons must certainly sell reliable goods. Their list of stock for the coming season embraces all the leading varieties of large and small fruits, as well as ornamental trees and small stock. Their new illustrated and descriptive catalog will be sent for the asking. They also desire good, reliable salesmen to represent them. Here are two good opportunities. If you are interested in either write the Des Moines Nursery Company, Des Moines, Iowa. On page 11 will be found further particulars.

#### PEERLESS CREAM SEPARATORS.

The farmer of today is confronted with many important questions concerning the preparation of soil for seed, the sorting and testing of seed, etc., but there is still a greater question, and one that is of vast importance—skimming the milk. Many devices have been given to the farmer, but at last the question is solved in the up-to-date Peerless Cream Separator, which is manufactured by the Waterloo Cream Separator Company, of Waterloo, Iowa. It is simply constructed and is a beauty, too. It has the only combination hollow and disk bowl made, putting the milk through two operations before it is completed, therefore the skimming is complete. The Peerless bowl is one of the wonderful inventions of the age. It is made with corrugated disks, of heavy sheet steel. These features give it the greatest skimming capacity possible. A farmer in eastern Iowa gave the Peerless Separator a severe test. He skimmed the first day 754 pounds of milk with a Peerless and secured seventy-nine pounds of cream with a test of 36 1/2 per cent. The second day he used what he considered the best standard make and skimmed 771 pounds of milk, getting seventy-three pounds of cream with a test of 35 1/2 per cent. From these figures one can see that with a Peerless he skimmed seventeen pounds less milk, secured six pounds more cream which tested 1 per cent higher. As near as can be figured, with

### THE HAWKEYE Grain Grader and Cleaner



BUILT EXPRESSLY FOR FARMERS

It is both a grain grader and fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time.

It will clean and grade seed corn.  
It will clean and grade seed wheat.  
It will clean and grade seed oats.  
It will separate oats from wheat.  
It will separate timothy from clover.  
In short, it will do any work required of a fanning mill and grade seed grains besides.  
If your dealer does not handle it, write us for illustrated circular and prices. Manufactured by

PARSONS HAWKEYE MFG. COMPANY,  
NEWTON, IOWA.

present prices for butter fat, this means a saving of over \$1 per day by using the Peerless. Why not try one yourself? If you do nothing more, write today for their special catalog No. 9 and allow them to give you the many other strong features of their separators. It might be well to mention this paper. See advertisement on page 5 of this issue.

#### HOLLAND ENGINES.

We wish to call the attention of our readers to the Holland Engine Company, of Cedar Rapids, Iowa, whose advertisement appears on page 21. Their engines are built from two to twenty horse power, water cooled and of the single cylinder style. The engine is simple in construction as it is possible for a gasoline engine to be, while it is made of the very best material that can be secured. All working parts are cut in steel and run immersed in a bath of oil. A single revolution of the wheel is sufficient to start the engine and when once in motion its speed can easily be governed by an exceedingly simple device of the company's own patent. The motion of the engine is perfectly steady, making the engine more desirable than most engines for running cream separators. The company will furnish its patrons, free of



**Linofelt**  
It Keeps Your House Warm

### You Can Build Your House But Once

A little false economy in selection of materials will mean big losses in the years that follow.

**LINO FELT**

keeps the heat in, and saves 40% of your fuel cost.

By actual test, 44 per cent. more heat passed through walls where building paper was used than through walls of similar construction using Linofelt.

Linofelt is a blanket of degummed Flax Fibre quilted between two sheets of rosin-sized paper.

It is clean, antiseptic, odorless and vermin proof.

To cover your house from foundation to ridge-pole with Linofelt will cost only a trifle when compared with the saving and comfort it will bring as long as your house stands.

If you are planning to build, by all means investigate the merits of Linofelt.

Send for booklets and reports of scientific tests.

Just the thing, too, for Barns, Poultry Houses, etc.



Union Fibre Company  
16 Harvester Ave.  
Winona, Minn.



cost, a solution that renders the engine proof to freezing. Write the Holland Engine Company, Dept. O., Cedar Rapids, Iowa, for their catalog and novel plan of giving the farmer the engine on three months' trial. Mention this paper.

#### WHEN THE FLOWERS ARE ALL DEAD.

Not every home can have flowers in their natural state the year round. Many are the sorrows that have come to those who try to keep green plants throughout the winter. As a rule they are frozen when at the height of their beauty. There are flowers, however, that are unharmed by the coldest and most unfavorable kind of weather. They are the next best thing to the real green live plant. They are the reproduction on canvas or paper. A most realistic picture of a magnificent bouquet of flowers is now being given away by the Mothers' Magazine, of Elgin, Ill. The picture is 16x20 inches and has a gold border. For ten cents in stamps the above magazine people will send you the bouquet and a three months' subscription to their illustrated family paper. Kindly turn to page 17 for further details regarding this offer.

#### A RELIABLE SHOE.

There is a certain shoe on the market today to which is attached a small piece of buffalo calf leather cut in the form of a wild buffalo. The leather is the same that is used in making the shoe. To every pair of shoes one of these tags is attached, and there is a very interesting test connected with the scheme. The company that make these shoes claim that the leather is so good that it is impossible for you to tear this miniature buffalo with your fingers. If you are interested in buying a shoe that will stand lots of usage and rough work you should investigate the buffalo calf shoe. They are of good shape and look well for every-day wear, besides they are comfortable. Can you find better value in any other shoe? Ask your dealer for them or write direct to the Bentley & Olmsted Co., Des Moines, Iowa. On page 25 will be found more regarding these shoes.

#### ARE YOU INTERESTED IN PAINT?

It is ten to one you will do some painting this spring. You will want some good paint, not the ordinary low-grade stuff that after it has been on two months gives you the blues every time you look at it, but you want a high standard paint like the Lowe Bros. Company, 450 and 456 Third St., Dayton, Ohio, manufacture. See advertisement on page 17. These well-known paint and varnish makers have a very neat little handbook on the paint subject which tells you how to select paints, how to prepare surfaces for painting, how to choose brushes, and all the other necessary knowledge that you should know in order to do a good job. This booklet will be mailed free if you write for it and ask for "Paint and Painting." Here is a good opportunity to get some good pointers, and at the same time acquaint yourself with some of the best paint that is on the market. When writing kindly mention The Homestead.

#### SHUMWAY'S 1907 CATALOG.

We have recently been favored with a copy of this new catalog and in looking over its pages we find that the prices for seeds are practically as low as last year, with one exception, that of onion seed. The usual average yield to the acre of this seed has been 300 pounds. The crop last year averaged only about 100 pounds to the acre, owing to very unfavorable conditions. In writing up the introduction for the catalog this firm state that their supply is not large, as they aim to keep a high standard of quality. They furthermore quote prices that are very reasonable indeed, considering the fact that they claim all their stock is of the new crop. It is a very poor plan to wait until the last thing before you order your spring and summer supply of seeds. Every seed house now has splendid facilities for handling and filling orders, and yet when hundreds and thousands of orders come in daily it requires nothing but the best of management to turn the work over. The spring rush generally comes just about the time everyone is the most anxious to secure their seeds. Now is the time to send and avoid this rush. The catalog is complete in every detail and contains a full assortment of all the most reliable vegetables grown on the corn-belt farms. The new varieties, wherever they have been found to be of

# Don't Delay A Minute!

## Write today for prices and terms of the Celebrated Detroit Tongueless Disc Harrow

That's the only sure way you have of getting one for your Spring work. I will send you my Free Disc Catalogue, which fully describes this Harrow, and will quote you direct prices delivered at your station.

If you accept my proposition and order at once, I can probably supply you with a Detroit Tongueless Disc—but if you delay in getting in touch with me NOW on this Harrow for 1907—it may be impossible for me to fill your order when it comes—and I'll tell you why.

We have a big factory and are working every available man on these

Discs, but the best we can hope to do is to turn out about twice the number we did last year.

Now here we are way in advance of the Spring season, and yet nearly half of our factory output on this Disc is sold—and orders are simply pouring in every day.

The present indications are that long before the frost is out of the ground I will have sold every Harrow we can possibly make this season. THAT'S the reason why I say DON'T DELAY A MINUTE in writing me for catalogue and prices.

## The Detroit Tongueless Transport Truck Disc Harrow

Sold On 30 Days' Free Trial—All Freight Allowed—For Cash Or On Time

Is the greatest selling implement of the age.

There are reasons for this—several of them. First—the TONGUELESS idea meets with the approval of every thinking farmer—he wonders why it wasn't thought of before.

Using a Forward Truck and doing away with the Tongue saves the horses' necks—does away with all side draft—crowding of the team on turns—and permits a steady, even pull by both horses straight ahead all the time.

Don't think of jamming up your team just at the time you need them most, with an old style Tongue Disc.

The DETROIT is the only Disc Harrow built on correct principles. Every part of the very best quality—ball bearings take the end thrust—double levers make it easy to handle—steel scrapers set by hand or foot.

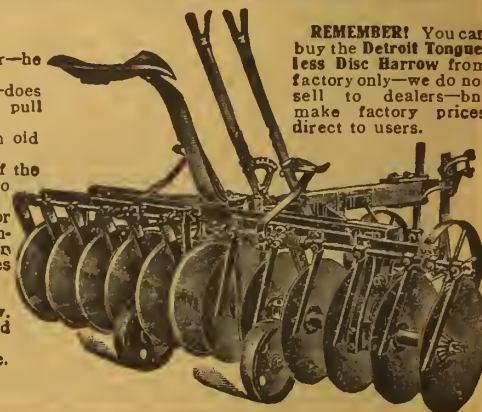
See the TRANSPORT TRUCKS at the rear? This is a new patented invention for 1907—and it's found only on the DETROIT. By attaching, in a moment's time, the entire Disc Harrow can be raised from the ground on front and back truck—and driven over rough roads from house to field or from farm to farm, without the Disc edges touching the ground. No dulling of the Discs in transportation.

Strong Foot-brake makes driving down hill perfectly safe.

Space in this advertisement won't permit telling any more about this Harrow. You should send AT ONCE for my Big, Free Catalogue, giving full descriptions, and get my special price to you direct.

Let me say again DON'T DELAY A MINUTE. Write for catalogue and direct price.

W. W. Collier, Gen'l Mgr., American Harrow Co.,  
148 Hastings St., Detroit, Mich.



REMEMBER! You can buy the Detroit Tongueless Disc Harrow from factory only—we do not sell to dealers—but make factory prices direct to users.

merit, have been added. The collection of flower seeds is also wide and contains all the standard and new varieties of household and outdoor plants. If you are interested in a good seed catalog write for Shumway's Address your inquiry to Mr. R. H. Shumway, Rockford, Ill. Kindly mention The Homestead in your inquiry.

#### THE HOOVER POTATO DIGGER.

The manufacturer who would furnish to potato growers the best digger, must build it upon the actual experience of a potato man. It can be said of the famous Hoover Digger that it grows directly out of the experience of Mr. I. W. Hoover, president of the Hoover-Prout Company. He was a large potato grower in northern Ohio, and had been for twenty years, before he perfected his digger. He invented it originally for his own use. Today it is in use by potato growers all over the country. There have been vast improvements in the Hoover Digger in later years. In 1905, the twenty-two-inch elevator, with its large separating surface, was brought out. This improvement, together with its lighter draft, placed the Hoover in the very front rank of diggers. The manufacturers have made it a strong, durable machine, one that growers do not hesitate to put to work in any kind of soil. It can be depended upon to get all the potatoes, and a point that everybody appreciates is that it delivers them in fine shape, clean and uncut, in straight rows on top of the ground, where they are easy to pick up. If you are in need of a digger, don't place your order until you

have written to the Hoover-Prout Company, Avery, Ohio, for their catalog and learned the merits of the Hoover Digger. See advertisement on page 12.

#### EVERY HOG RAISER SHOULD HAVE A HOG FEEDER.

To give every pig a fair show at the feeding trough is worth a great amount to any hog raiser, as there are strong, thrifty pigs in every lot that get more than their share at the expense of the weaker and younger pigs, causing runts where if these weaker pigs were given a fair show they would make great gains. A feeder that will give every pig a place and a fair show is manufactured



by Mr. C. A. Wright, of Rosendale, Mo., the Duroc Jersey breeders. For something over two years these Wright feeders have been on the market and they are today indorsed by more hog men, sheep raisers and feeders of

various kinds of stock than any feeder on the market. Strong testimonials from the experiment stations are found among the long list of testimonials shown by Mr. Wright. It not only saves the feed and gives to each pig a place to eat, but makes the feeder's work more pleasant and easier, as the pig does not climb over one while feeding. The writer has seen hundreds of these feeders in use and has yet to find the first user who is not satisfied and who would go back to the old sixteen-foot V-shape trough where slop is poured in one end to be devoured by the stronger hogs. Mr. Wright last year set a price of \$10, freight prepaid to buyer's station, and did not expect to be able to furnish feeders at that price this year, as the price of all materials advanced so rapidly that it looked like a losing proposition. Through his lumber dealer Mr. Wright has been able to make a favorable contract for lumber up to April 1, 1907, and will during the month of March fill all orders at the old price, \$10, freight prepaid to your station. You buy a feeder and farm right at \$10 and this gives you plans and privilege of making as many feeders as are necessary for your own use. The farm right does not limit you to pig feeders; you can make calf, sheep and chicken feeders under this farm right. Order now, as after April 1st Mr. Wright will have to raise the price or cut out paying freight. See page 17 for advertisement and kindly mention this paper when writing Mr. WRIGHT.

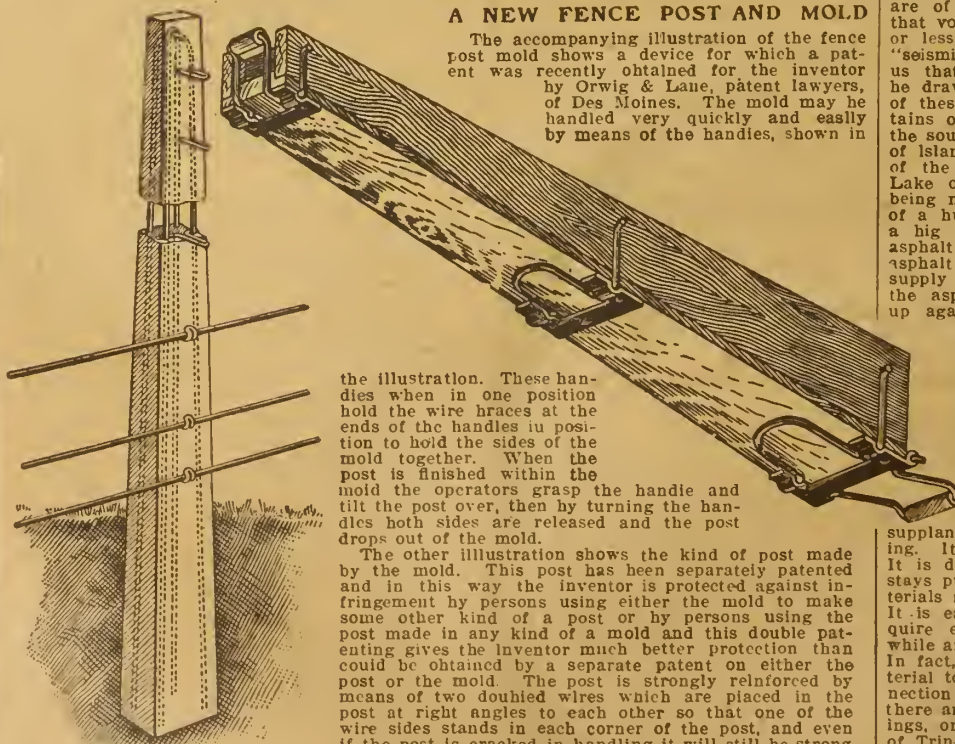
#### HUTTIG RUBBER ROOFING COMPANY.

The recent earthquake at Jamaica was not an occasion for surprise among scientific men who have known all islands of this region are of volcanic origin. Scientists consider that volcanic land is always subject to more or less earthquakes or, as they call them, "seismic disturbances." These scientists tell us that if the waters of the ocean would be drawn away it would be seen that most of these islands were merely tops of mountains or volcanoes. It is, indeed, along the southern extremity of this Atlantic group of islands that the greatest volcanic wonder of the world is located. This is Asphalt Lake of the Island of Trinidad, this lake being nothing more or less than the crater of a huge volcano. It has been likened to a big kettle in which nature is preparing asphalt for the use of mankind. Tons of asphalt are taken away every year, but the supply never grows less. The place where the asphalt has been taken out soon fills up again with new asphalt. It would be interesting if the scientists could find out how asphalt is formed, what intense degrees of heat it undergoes, ridding it of all impurities by consuming them. Only the asphalt itself withstands these secret processes of nature and it comes out pure and almost ready to use. Asphalt has been used for years for paving, for which it is unexcelled. In comparatively recent time it has been demonstrated to be superior to any other material for roofing and is fast

supplanting the scores of other kinds of roofing. It is fire resisting, where wood is not. It is durable, while tin and iron rust. It stays put, while tar and similar roofing materials run in hot weather and crack in cold. It is easily put on, while slate or tile require expert workmen. It is inexpensive, while all other good roofings are high priced. In fact, it comes nearest of any known material to form the perfect roof. In this connection it is well to remember that while there are a number of so-called asphalt roofings, only that which comes from the Island of Trinidad can truly be said to be asphalt. The others are various kinds of compositions which soon deteriorate. Trinidad asphalt can always be relied upon. So well known is this fact among engineers that in cities where asphalt is used for street paving the engineering departments generally specify Lake Trinidad asphalt and will accept no other. Huttig Rubber Roofing, which hundreds of our readers are using, and more will use when they become acquainted with its merits, is made of genuine Trinidad asphalt and long-fibered felt. The felt is heavily saturated with asphalt under pres-

#### A NEW FENCE POST AND MOLD

The accompanying illustration of the fence post mold shows a device for which a patent was recently obtained for the inventor by Orwig & Lane, patent lawyers, of Des Moines. The mold may be handled very quickly and easily by means of the handles, shown in



the illustration. These handles when in one position hold the wire braces at the ends of the handles in position to hold the sides of the mold together. When the post is finished within the mold the operators grasp the handle and tilt the post over, then by turning the handles both sides are released and the post drops out of the mold.

The other illustration shows the kind of post made by the mold. This post has been separately patented and in this way the inventor is protected against infringement by persons using either the mold to make some other kind of a post or by persons using the post made in any kind of a mold and this double patenting gives the inventor much better protection than could be obtained by a separate patent on either the post or the mold. The post is strongly reinforced by means of two doubled wires which are placed in the post at right angles to each other so that one of the wire sides stands in each corner of the post, and even if the post is cracked in handling, it will still be strong and durable. The inventor also has obtained claims

on the device for connecting fence wires with the post. He uses metal loops made of soft wire, the inner end of which is placed within the post and is locked over the post reinforcing wires, thus firmly holding the staples or wire loops to the post. When the post is first made, these loops first stick straight out from it and then the operator may attach to the post either fence wires or wooden rails, and he may firmly connect these with the post by bending the soft wire loops over the fence wires or rails. If at any time it is desired to reloops are simply straightened out and the case the fence wires or rails, the soft wire may be ready to attach to new fence wires or rails. A large number of these posts have already been manufactured and put in use in Iowa.

For further information in regard to these patents address, Orwig & Lane, whose advertisement is found on page 8 of this issue of The Homestead.

### Health for the Horse

Loosen up his hide and his intestinal system, purify his blood, drive out the worms, give him an appetite and power to digest and get the full value of all his feed. You can do all this by the systematic use of

## PRUSSIAN STOCK TONIC

and have your horses strong, healthy and high strung. Mix with feed. Only a small quantity required. 1200 feeds in the big pail. Price only \$3.50 prepaid. Ask your dealer for the standard remedies.

Prussian Spavin Cure.  
Prussian Heave Powders.  
Prussian Worm Powders.

Write us what stock you own and we will send you our Stockman's Hand Book Free. Write today.

**PRUSSIAN REMEDY CO.**  
St. Paul, Minn.



sure until every fiber is thoroughly coated, then a layer of asphalt is used for an outer coating on each side of the felt. This excludes the air and protects every particle of the felt. The roofing is thus rendered absolutely proof against climatic conditions and its power to resist sun and rain, heat and cold and wind is preserved. In its method of construction, there is no right or wrong side and it can be laid either side up and it will not dry out, crack or break in cold weather or soften so as to run in hot weather. The Huttig Manufacturing Company, of Muscatine, Iowa, has a most interesting book, giving many interesting facts regarding their roofing and other roofings, and also some instructive data on asphalt, which they would be pleased to send our readers. A postal card request sent to their office at Muscatine, Iowa, will be sufficient. See advertisement on page 9.

#### PAINTING TIME DRAWS NEAR.

It's only a hop, skip and a jump, till springtime now; the time when you want to be cleaning up the yard, trimming up the trees and giving the house a new coat of paint. What kind of paint to buy, that's the question. Mr. O. L. Chase, the paint man of St. Louis, has about as liberal a selling offer on his made-to-order paint that we have ever seen. He advertises to make fresh paint to order, dating each can the day it's made, and he sells it under a \$100 cash guarantee as to purity and freshness. He also gives two full gallons of the paint free, to try. Such an offer as this makes one believe that Chase must be making pretty good paint or he would not dare to sell it on this plan. He issues a fine paint book, showing big, handsome color cards, and before you decide to buy, we believe you ought to write for this book. It will give you some mighty interesting paint information. The address is O. L. Chase, the Paint Man, Dept. 27, St. Louis, Mo. See advertisement on page 33.

#### LARGER CROPS AND HIGHER PRICES.

There is a very large amount of poor grain grown throughout the corn belt. Poor cultivation and thin soil are occasionally reasons for this fact, but it can be more often placed to the credit of poor seed. Too few people realize the importance of planting and sowing clean seed. Anyone who has traveled throughout the corn belt will be more than surprised to note the number of fields which show a large per cent of the different field weeds that are common in grain fields. It is actually surprising how soon, by sowing clean seed, the acreage of weeds on a farm can be reduced. Not many years ago it was possible to see grain fields throughout the corn belt that were literally grown to mustard. In some localities this weed became so common that something had to be done if crops were to be grown. The same fields now may be seen showing but very little of these obnoxious weeds. What is the reason? Farmers have purchased good fanning mills; they have planted nothing but clean seed. It must not be thought that clean seed is the only result of the use of a fanning mill. A good fanning mill removes a great many poor seeds. Practically speaking, fanning the grain is nothing more or less than a sort of artificial selection. Careful farmers pay a great deal of attention to the selection of their seed corn. Is there any reason that just as good attention should not be paid to the selection of the seed oats, wheat or any other small grain? There should be three processes in the cleaning of grain. The first is the scalping process which removes chaff, sticks and other coarse stuff; the second is the cleaning process which takes out small kernels and weed seeds, and the last is the screening process which removes every possible sign of dirt and weed seed. Perhaps no other fanning mill embodies these three processes so well in its manipulation as the New Superior. Right now is the time to clean your seed for spring sowing. If you are anxious to increase your profits, and the looks of your fields as well, you should by all

means send a postal for some very valuable information on this subject to the J. L. Owens Company, 614 Superior St., S. E., Minneapolis, Minn.

#### THE OLD RELIABLE DOUGLAS SHOE.

Everybody knows the W. L. Douglas shoe. It is a shoe of world-wide fame. Probably your father wore the Douglas long before you knew anything about footwear. Established in 1876, this company has kept working away steadily to make a better shoe for their customers. It is certain that any shoe manufacturing company could never keep in the business this long a period without having kept improving their product. Their shoes have ever been recognized by judges of footwear to be the best in style, fit and wear that could be produced for the price that they are sold. It is only for the reason that the Douglas Shoe Company sell more men's \$3.50 shoes than any other firm in the world that they are able to sell their goods at such prices. On every shoe which comes from this factory you will find the name W. L. Douglas, and price, stamped on the bottom of the shoe. If you have ever tried a Douglas you will want nothing better. Sold everywhere. Catalog matter for the asking. Refer to page 22 for further information.

#### HOW TO GET MORE CORN.

If you want a new illustrated book entitled "More Corn to the Acre"—the best thing ever published on corn because it is a practical field book—just write to the address below and send twenty-five cents in coin or stamps for six months' trial subscription to "Farm and Stock," the only illustrated farm paper which makes a specialty of corn and live stock. When you subscribe to "Farm and Stock" you also have the benefit of their "Corn Growers' School" which shows you how to easily increase your yield ten bushels or more to the acre on corn. Some of the leading chapters in this free corn book are "History of Corn," "Anatomy of the Corn Plant," "Races of Corn," "Good Seed Equals a Good Stand," "Seed Bed Preparation," "Selecting Seed Corn," "Kinds of Cultivation," "Corn Machinery," "Corn Judging," and "How to Increase the Yield." We believe that any one of our readers will feel very well repaid for all they will get for twenty-five cents if they send it to "Farm and Stock," Box 119, St. Joseph, Mo. See advertisement on page 12.

#### WONDERFUL COBALT CLAIMS.

Mr. W. V. Coons, of Cleveland, Ohio, president of Messrs. W. V. Coons & Co., bankers of that city, although a comparatively young man in years, has made a wonderful record for himself as a financier, having built up a large fortune for himself and his company and made a vast amount of money for his associates in the many enterprises in which he has been engaged. Mr. Coons is a native of the state of Ohio, his early boyhood having been spent in Findlay, where he went to school and practiced law for years. Early in life Mr. Coons developed a marked ability for organizing and successfully managing large enterprises, his first achievement of note being the purchase of the gas works of his own city, which were afterwards sold to a syndicate at a large profit. Since that time he has been an extensive operator in electric railroads, electric light plants, and in high-grade legitimate oil industries in the Indiana and Ohio districts. He recently made the sale of The Producers' Company, a large independent concern, second only in size to the Standard Oil Company, to a Boston syndicate for an enormous sum of money. After disposing of his oil interests, Mr. Coons began to look around for other large investments, and at this time his attention was called to the Cobalt district of Canada. After making several trips to Cobalt and taking with him a corps of expert mining engineers, Mr. Coons decided to purchase a large tract of the mineral ground in the heart of the Cobalt district, and adjoining some of the richest producing

## A Coat of Paint Will Tone Up the Whole Farm System



It is surprising to find out in how many places about the farm a coat of Pure White Lead Paint will work improvement. House, barns, outbuildings, fences, wagons and implements are made not only to look better, but to be worth more by painting them with Pure White Lead Paint.

Pure White Lead and Linseed Oil paint gives a durable, tough, elastic coat that does not crack or scale off.

To be absolutely sure of the quality, purity and genuineness of your paint, buy only White Lead which has the Dutch Boy trade mark on the side of the keg.

### Send for Book

"A Talk on Paint," gives valuable information on the paint subject. Sent free upon request.

#### NATIONAL LEAD COMPANY

In whichever of the following cities is nearest you:

New York, Boston, Buffalo, Cleveland, Cincinnati, Chicago, St. Louis, Philadelphia (John T. Lewis & Bros. Co.), Pittsburgh (National Lead & Oil Co.)



All lead packed in 1907 bears this mark.

# Increase Your Corn Crop

THIS BOOK FREE  
Will You Write Me a Postal for a 50c Corn Book?

Do it NOW—while they last.

The book is from the pen of Professor A. D. Shamel of the Illinois Experiment Station—recognized everywhere as "the man who knows"—about corn.

It's full of photographic illustrations, and explains fully about selection—modern corn breeding and cultural methods.

The American Corn Expert, Professor Holden, demonstrates his Seed-Testing Machine on page 17 of this book. The book should be in the hands of every up-to-date corn-raising farmer—it will help him double his corn crop.

All I ask you for this 50c Book

is that you will give, on a postal, the names and addresses of three of your farmer neighbors whom you understand will be in the market for a riding plow this season. It will take only a few minutes of your time, and a postal, and I will send you the book prepaid by return mail.

See that little girl lift her father with one foot?

He weighs 196 lbs., and she is only 6 years old—yet she can lift him with only one foot.

WHY—and what does the "WHY" mean to you?

Simply this—it means that the Emerson Foot Lift Plows are the easiest handled in the field of any plow made.—FOOT-CONTROL ALWAYS—in or out of the hardest soil. Manage the Plow with your Feet—your Horses with your Hands.

The name EMERSON means easiest to handle—lightest draft—and most durable.

Every EMERSON Gang Plow is equipped with 2000-

mile magazine box and axle. When you buy an

EMERSON you buy for a lifetime, not for a few

years, because an EMERSON will last as long as

you live. I will send you, FREE, our Implement

Literature, and the Corn Book if you act promptly

and write the postal TODAY. I gave away

100,000 of these books—then the supply ran out.

They went like wildfire. I've only a limited

number this year, so don't wait till they're all

gone.

Putting off may mean I won't have a single

copy to send to you.

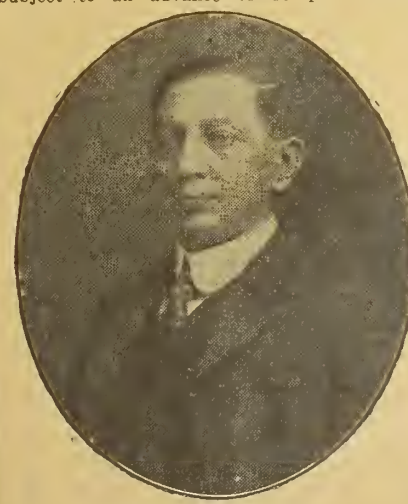
Write TODAY—Now—while you think of it.

S.H. Emerson, Emerson Mfg. Co.

Rockford, Ill.

Prof. Holden  
Demonstrating  
His Seed  
Testing Box

HOW TO GROW CORN



W. V. Coons, President, W. V. Coons & Co., Bankers, Cleveland, Ohio.

price on February 20th. This block of stock was over-subscribed, and on February 20th the price went to thirty-five cents a share. Another small block of stock is now being offered at thirty-five cents a share, and on April 25th the price will again advance, to fifty cents a share. It is reasonable to believe that Mr. Coons, with his vast amount of experience and his unquestioned ability, is certain of large returns on the Cobalt Mutual Mines Company, or he would not invest such a large sum of his own money in the enterprise. We have looked up the record of Mr. Coons and find that he is rated as a wealthy man by the commercial agencies, with the highest grade of credit, and we see no reason why, under Mr. Coons' careful management the Cobalt Mutual Mines Company, having the vast property it does

mines of this wonderful silver camp. He secured 560 acres (the second largest holdings in the entire district) and returned to Cleveland to organize the Cobalt Mutual Mines Company. Heretofore, in all of his large enterprises, Mr. Coons has never offered any of his stock for public sale, as it has always been taken up by his friends and business associates, but in his Cobalt operations he decided to offer the Cobalt Mutual Mines Company's stock for public subscription, believing that the possibilities of Cobalt Mutual were so vast that the public could well be taken into the enterprise with an assurance of big profits from mining Cobalt on a large scale. A limited block of "Cobalt Mutual" stock was offered on January 20th at twenty-five cents a share, subject to an advance of 40 per cent in

in such a rich mineral district as Cobalt, should not yield splendid returns to its stockholders. It should be an excellent opportunity for anyone who has a little money to invest and to those of our readers who are interested in this enterprise, we suggest that they write to Mr. Coons direct. He will supply special reports on the Cobalt Mutual Mines Company and give full information in regard to the property. Mr. Coons' address is, W. V. Coons, president W. V. Coons & Co., bankers, Bond Dept. A6, Williamson Bldg., Cleveland, Ohio.

#### A NEW TOMATO.

At the Great Royal Agricultural Show of England there was exhibited a plant of a new variety of tomato called the "Golden Nugget," which attracted the attention of probably hundreds of thousands of persons by its vigorous growth, beautiful shape and color, and immense productiveness, there being about seventy-five full-sized fruits on a single plant growing in a seven-inch flower pot. A Des Moines seed dealer, who was present, at once made arrangements to introduce it in America. When grown in the open ground here, it astonished everyone by producing 150 to 200 fine-shaped, golden yellow fruits of unusually fine flavor, different from and superior to any other variety, especially for eating from the hand. Prizes amounting to \$25 are offered this year by the introducers, for the largest number of tomatoes grown on one plant. We have just made arrangement with the introducers to send a prize competitor's packet of twenty-five seeds of the Golden Nugget tomato



free to any of our readers who desire it, provided they mention this paper in their request. Write direct to the Iowa Seed Company, of Des Moines, Iowa, enclosing a two-cent stamp to partially pay the postage on the seed and a copy of their catalog, which describes also many other desirable novelties.



# PILES

## FISTULA--NO MONEY TILL CURED

John Harkness, Prop. Cash Department Store, Ottawa, Kan. Writes March 24, 1904: "It is a pleasure to recommend your treatment for Piles. I had been afflicted more or less for nineteen years, and now after being cured, I am not only satisfied, but grateful."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....

Town..... State.....

### IN THE GREAT SOUTHWEST.

The outlook for the Texas onion crop is very good indeed, since exceedingly dry weather so far has given growers an opportunity to follow their farming on irrigated lands without delay. The open winter has made the planting two or three weeks earlier, though the acreage is not any larger than last season.

Despite the sensational exposure made in the famous book, "The Jungles," the British war office has just ratified a contract with Armour & Co., of Chicago, for \$5,000,000 worth of canned beef to be used in the army.

Hutchinson, Kan., had a regular Fourth of July demonstration to celebrate its first illumination by gas. It is quite probable that people will be burning gas in Hutchinson stoves and ranges before long.

After amending the two-cent-a-mile passenger railroad rate bill the Missouri legislature has passed it in both branches and it has gone to the governor. The bill affects all railroads in the state except independent lines of less than forty-five miles, which may charge four cents per mile.

Kansas water works and sewerage systems are under investigation by the geological survey of the state. The investigation will last about two years, at the end of which time the results will be published. It is stated that the sanitary conditions of Kansas towns are in very good condition generally.

The municipal corporations' committee of Oklahoma recently filed its report at Guthrie, which provides that all cities of more than 3,500 inhabitants may frame their own charters under the limitations of statute law and constitution. The power of initiative and referendum is reserved to all cities. The granting of franchises for the construction, purchase, sale or lease of any public works must always be approved by the vote of the people.

A great many western sheep feeders are cashing in their holdings. The principal reason seems to be the fact that hay is scarce and high priced in the feeding sections. In various parts of Nebraska and the West good prairie hay sells all the way from \$8 to \$15 per ton. It is probable that there will be a shortage of sheep on the market about grass time.

It is rumored that owing to a great scarcity of wheat all over the country the flour mills in the republic of Mexico are being closed down. A movement made recently to reduce the duty on Amer-

ican wheat has been brought before the governor. Last year there was a similar scarcity and the duty was removed, with the result that great quantities of American wheat were imported into that country. The consumption of white bread by the Mexican people has greatly increased of late.

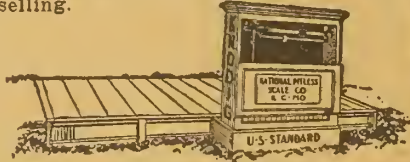
An offer to aid the small-pox stricken legislators at Jefferson City was sent to Governor Folk by the acting president of the Missouri State Nurses' Association, which has a membership of 386 and is represented in different parts of the state.

### Advantages of Pitless Scales.

The American Farmer doesn't like unnecessary work, and digging a hole to set a pair of scales into has always seemed to him like unnecessary work. Probably that is one reason why the Knodig Pitless Scales have met with such widespread favor in the few years they have been on the market, while of course there are others.

A pair of scales is an absolute necessity on a farm. It is the only way that a farmer knows that he is getting what he ought to get for his season's work. A lot of sheep or hogs that he has specially fitted for market frequently will not bring him as much money as he thinks they ought to bring, and if he has not weighed them on his own scales naturally he suspects that he has not been given full weight.

For some reason or other the man in the city who owns a pair of scales and who does the buying is more or less an object of suspicion and perhaps naturally so because the average man has no way of checking his figures. If he wants to give short weight he can do so with absolutely no chance of its being found out. The farmer is the only producer in the world who disposes of his products without knowing exactly what quantities he is selling.



The Knodig Pitless Scale offers a proposition that enables a farmer to tend to this important business end of his vocation.

As the name implies there is no pit to be dug to set the scale in. This feature means even more than this because the construction of this scale is such that dirt cannot collect underneath the platform or water or ice get into the bearings.

The Knodig Scale is sent out on 30 days' approval direct from the factory. The buyers of this scale deal first hand with the manufacturers and they are guaranteed a saving of all middlemen's profits. The manufacturers of the Knodig take the position that a pair of scales does not get more valuable just because it passes through the hands of several dealers. If it is worth \$..... when it leaves the factory that is all it is ever worth and all that any buyer should be asked to pay. This is the Knodig theory and the Knodig

## Examine Fence Carefully

before you buy it and see whether the stays are made of whole wire or short pieces. It makes a big difference in the strength of the fence and as the whole wire fence costs you no more, and is fully twice as strong, why buy the other? Our stay wire is continuous—one piece running continuously up and down across the fence without an end for many rods. Thus we preserve and utilize all the strength and service there is in the wire, fully half of which is wasted in cut stay fences—sacrificed to convenience and speed in manufacture. Our method of weaving is a little slower and costs us a trifle more, but it's worth while—it's the only correct way of weaving a fence.

**30 days approval.** But why argue and hesitate? Let us ship you what fence, etc. you need on 30 days approval. We want you to examine and test it. We want to show you the difference between ours—the best made fence on earth, and the other fences that are being offered to you. During the 30 days you can test it thoroughly. You can put up a part of it or all of it and turn your stock against it. Give it any kind of a test you wish. After examining it and comparing its construction with others we will gladly let you be the judge. If you don't like it, send the whole business back and it won't cost you a cent as we will pay freight both ways and refund every cent you paid. 17 years experience with this kind of fence gives us the confidence to make this offer.

We prepay freight to any steam railroad station in the United States on 40 rods or more and guarantee the safe delivery of your shipment. Our free Fence Book tells all about Advance Fence. Let us send it to you with freight paid prices on our line.

**Advance  
Fence Co.,**

34 Old St., Peoria, Ill.



## LANDS AND HOMES FOR SALE

### Last Chance to Buy Cheap Land.

#### PROVIDE FOR THE RAINY DAY.

For the rainy day will come—sooner or later—and the man who is wise and has the interests of his family at heart will buy land, for land is sure, stable, and will always make the wife and the boys and girls a good living. You say where? We answer—in the

### FAMOUS FALFURRIAS DISTRICT

**FALFURRIAS, TEXAS.**  
Shipped the earliest vegetables: Bermuda Onions, Watermelons and Cotton in the U. S. It is 1,000 miles nearer the consuming markets than California. The soils are rich, sandy loam, alluvial deposits of some pre-historic water course, underlaid by red, sandy clay, with unusual capacity for holding moisture, and in itself, rich in plant food. **Rainfall.** The U. S. Weather Report states an average rainfall of 26 inches for the last 20 years. The last few years since lands have been cultivated, the rainfall has been 30 inches, sufficient to raise all crops, without irrigation. Artesian water, at 500 to 750 feet, either flowing wells of good capacity, or on higher land rising to about 10 feet of surface, making it an ideal pumping plant through windmills or gasoline engines. **Products of all kinds as Corn, Cotton, Forage, Alfalfa, Vegetables,** have been raised successfully and profitably for years. Fruits, such as Oranges, Lemons, Olives, Dates, Grapes, Peaches and Plums are making rapid growth. **The Climate is Semi-Arid,** no excessive rainfall, no malaria. Dry air, cooled by constant gulf breezes; cool nights, no storms. Ideal climate, good for lung trouble, asthma and catarrh.

### In The Gulf Coast Country of Texas.

Where the farmers are now making from \$50 to \$300 per acre per year from their crops; where we have artesian wells; where land has doubled in value in twelve months; where new towns and new railroads are being built; but don't wait—you know how land has increased in value in your own country—buy in the Falfurrias district; get near these new towns and your land will grow in value as the town grows. Land is selling now at

**\$15 PER ACRE.**

Come and see our modern and progressive town; speak to our satisfied farmers. We have churches of various denominations, the best schools, good society and a happy, prosperous and enterprising community. Do you wish to know more about this wonderful Falfurrias country, the land of Heart's Delight, of Sunshine and Big Crops.

**LAST CHEAP EXCURSIONS MARCH 5TH AND 19TH.**

**WRITE TODAY**

**FREE LITERATURE AND INFORMATION.**

**Let Us Show You.**

**Falfurrias Immigration Co.,**  
3 West Tenth Street, Kansas City, Mo.

### I WILL MAKE YOU PROSPEROUS

If you are honest and ambitious write me today. No matter where you live or what your occupation, I will teach you the Real Estate business by mail; appoint you Special Representative of my Company in your town; start you in a profitable business of your own, and help you make big money at once. Unusual opportunity for men without capital to become independent for life. Valuable book and full particulars free. Write today. Address nearest office.

**NATIONAL CO-OPERATIVE REALTY CO.**  
957 Maryland Building, Washington, D. C.  
957 Athenaeum Building, Chicago, Illinois

### HOW LONG WILL IT TAKE YOU TO READ THIS?

A beautifully illustrated souvenir edition, describing the wonderful resources of Carbon Co. and all Montana. This paper will interest you.

#### A REQUEST WILL BRING IT TO YOU.

**FACTS ABOUT MONTANA:** Her farm lands are equal in area to Iowa, her grazing lands equal extent of Indiana, and her forest reserve equals in size the state of Georgia.

Now is the time to invest. Write today for souvenir, even though you do not contemplate a change.

**GEORGE E. MUSHBACH,**

**RED LODGE, CARBON CO., MONT.**

### Are you Satisfied

with your present conditions?

Don't your boys want a farm of their own? Go to Sunny Southern Alberta, where nature has done her utmost for SOIL and CLIMATE—Write for our EXCURSION DATES—Our lands sell from \$9.00 to \$16.00 per acre, and the day is not far distant when this opportunity will be gone. Make up your mind to go on our excursion THIS MONTH. Write for booklet, maps on Canada, etc.

**THE O. W. KERR COMPANY,**  
Nicollet Ave., Cor. 3rd,  
MINNEAPOLIS, MINN.

### Dodge County Acres For Sale.

320, all tillable, improved, well located, \$40.  
320, mostly seeded, improved, farther out, \$38.  
480, all tillable, fine set buildings, new, \$55.  
530, all tillable, two good set buildings, \$50.

I have all sizes of farms. Let me tell you more about southeastern Minnesota farms. Address,  
**J. L. GRISWOLD, Dodge Center, Minn.**

**OLD VIRGINIA FARMS** Good Land, Low Price, Mild Climate, Free Illustrated Catalog. Largest list Farms in State. This is the country for the Northern Farmer. We want to hear from every man who desires to better his condition. Casselman & Co., Richmond, Va. Laurence Casselman, Former Auditor Mexican County, N.M.

**STOCK Ranch For Sale**—Splendid stock ranch near S. C. & N. W. in Converse Co., Wyo. 760 A. deeded land, 225 A. irrigated; 500 head mixed cattle, 10 horses, implements, etc.; good 6-room house, barn, granary, shop, machinery house, sheds, corrals, etc. Abundance of timber for domestic use on place. For particulars address owner, John Kern, La Boute, Wyo.

**TO RENT:** 246 acres, 2 miles from Ulrich, Henry improvements, cash or share rent. 640 acres Willip county, Minnesota, fair improvements, one-half in cultivation, cash or grain rent. Box 31, Independence, Iowa.



# LANDS AND HOMES FOR SALE

## Government Land.

1,000,000 Acres Soon Open.

TWO Indian Reservations and four U. S. Government Irrigated districts soon to be thrown open in Washington, Oregon and Idaho—over 1,000,000 acres in all. These lands are valuable for agriculture, fruit raising, stock raising and dairying. The climate is unexcelled. President Roosevelt in a speech in Seattle three years ago said that if he were twenty years younger he would settle in Washington. The western states contain the last of the government lands and when new districts are thrown open the best land is soon taken. I have prepared maps and descriptive booklet of the resources, etc., of these Reservations and Irrigated lands, containing also statement of the laws for taking up lands and water rights which I will mail postpaid on receipt of price, \$2.00. Address,

**JOS. MCCARTHY,**  
Hyde Bldg., Spokane, Wash.  
References: Fidelity National Bank, Spokane, Wash.; Floyd L. Daggett, Mayor of Spokane, Wash.

## MILD WINTER

Protected by great hills and warmed by almost perpetual sunshine, Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston [pop. 12,000] is the commercial and transportation center for an immensely productive fruit, grain, timber & mining territory. Write today for detailed and authentic information about new fruit and wine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soils fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity? Address **DEVELOPMENT LEAGUE**, at EITHER LEWISTON, IDAHO OR CLARKSTON, WASH. Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

**LEWISTON-CLARKSTON**  
IDAHO WASHINGTON  
"The Gateway of the Pacific Northwest"

## Are You Texas Bound?

If you are and have lived and farmed in Iowa or her neighboring state, you should go to Oldham county, for you can farm in the good old home fashion there, raise good big crops and feed stock. We have 25,000 square miles of mostly good black soil farm lands in the Shallow Water Belt of the Panhandle, just west of Amarillo. You can buy a good farm here at \$10 an acre or a better one for \$15 per acre. Write us for literature and come and see us when in Kansas City. Excursion March 19th, leaving Kansas City March 20th.

**BOYER, PETERSON & CO.,**  
408-410 Gumbel Bldg., 8th and Walnut Sts.,  
Kansas City, Missouri  
(Five minutes' ride from Union Depot.)

## THE MILD CLIMATE IN VIRGINIA

OFFERS SPLENDID opportunities for farming, stock raising, fruit growing and general farming. Winters are mild and short. Climate healthful. Markets near. Lands are advancing. Write for information to

**G. W. KOINER,**  
Commissioner of Agriculture,  
RICHMOND, VIRGINIA

**FOR SALE OR EXCHANGE:** 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

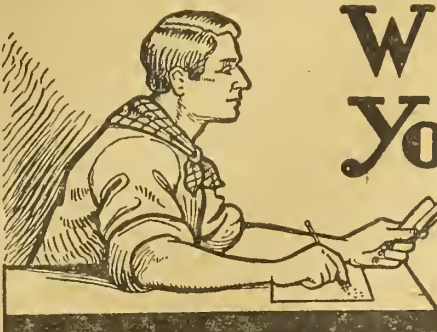
**Homeseeker, be careful.** Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Mende, Kansas.

**TO EXCHANGE:** Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MEIK,** Chillicothe, Missouri.

**TO EXCHANGE:** Good 640-acre farm in Wilkin county, Minn.; 468 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.



## What do Your Crops Cost?

IT IS not what your crop brings on the market so much as what it costs you to raise it that counts in farming.

If you are farming on high-priced land under the most trying difficulties—if your soil has begun to fail, and your crops are not so large as they used to be—if it takes so much high-priced help to produce and harvest your crops that there is no profit left, you are not making much money farming.

Why don't you sell out at the high prices you can now realize and invest your cash in land where you can get five or ten times as many acres for the money, of better, newer soil than that you own at present?

When you bought the farm you now own, it was cheap—the rise in land values made you rich. Why not do that same thing over again?

In Southern Alberta, Canada, is to be found as rich land as there is anywhere. It will raise anything that your land will raise, with possibly one or two exceptions. It is the greatest live stock country on earth, and the markets are just as good as the markets you now patronize.

In this new country you can raise crops at a small percentage of what it now costs you to raise them, because climatic conditions are such that one man can attend as many acres as in your country, and each acre will produce from two to four times the quantity one of your acres will produce if you are farming without irrigation.

On the vast irrigated tracts of Alberta you can find a farm that will just suit you, and you can rest assured that if you farm it fifty years you will never have a crop failure. No waiting for rain—no chance at all to take—just a certain, sure crop every time you put seed in the ground, and a bigger crop than you can hope to raise on unirrigated ground.

If you are interested in very fertile land, at low prices, with a certain harvest every year, we can sell it to you on terms that are so easy there is no excuse for any man being without a farm.

Write us for full particulars, and let us tell you how to see Alberta and this land at very little cost for the trip—let us tell you how to become independent in two years.

**Canadian Pacific Irrigation Colonization Company, Limited,**  
71 Ninth Avenue, West, CALGARY, ALTA., CANADA.  
Sales Department, Canadian Pacific Railway, Irrigated Lands.

**DO YOU KNOW THAT UNCLE SAM PRODUCES 80% OF THE WORLD'S SUPPLY OF CORN? DO YOU KNOW THAT YOU CAN BUY GOOD CORN LAND CHEAPER TO-DAY IN SOUTH DAKOTA THAN ANY OTHER CORN PRODUCING STATE IN UNCLE SAM'S DOMAIN?**

**FARMERS! INVESTORS! STOCKMEN.**

Before buying lands investigate South-Eastern South Dakota, where good lands may be obtained at \$8.00 per acre and up, according to location and improvements. We are 175 miles south of the southern boundary line of North Dakota and east of the 99th Meridian W. Longitude, where climatic conditions and rain fall are both favorable to the profitable production of Corn, Red Clover and Small Grains. Our soil is a Black Vegetable Mould 24 to 36 inches deep (Mississippi valley formation), with a clay sub-soil.—Write us today for descriptive literature, crop reports (issued by the State), and big land list.

**BIG SIOUX VALLEY LAND CO. (Ltd.)**  
Ramsey Bldg., Sioux Falls, S. D.

**ASK ME**

We are selling the finest body of

## Texas Panhandle Lands

ever put on the market

Best of location and best in quality and price, on very easy terms. Our location, Dallam county. Write us for full information and maps.

Next Excursions March 19th and April 2d.

**J. C. MEHAN & CO., 328-29-30 UTICA BLDG., DES MOINES, IOWA**

**HAVE YOU SEEN SMITH? W. F. SMITH REALTY CO., OF KEARNEY, NEB.**  
Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. **KEARNEY, NEBRASKA**

## New Wheat Lands In the Canadian West

**60 ACRES FARMS IN WESTERN CANADA FREE**

5,000 additional miles of railway this year have opened up a largely increased territory to the progressive farmers of Western Canada, and the government of the Dominion continues to give one hundred and sixty acres free to every settler.

**The Country Has No Superior**

Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low; climate the best in the Northern temperate zone. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent

W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 815 Jackson St., St. Paul, Minn.

**LET ME SELL YOUR FARM, HOME OR BUSINESS.** No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

**GLENN REALTY CO.**  
16 Gumbel Building, KANSAS CITY, MO.

## FREE A Beautiful Book of Western Canada.

**WRITE ME FOR IT.**  
**ASBERRY SINGLETON,**  
Gladstone, Manitoba, Canada

## A FREE TRIP TO ARKANSAS

NEXT excursion March 19. You can buy land in our Locksburg colony, near Locksburg, Sevier county, at \$4.00 to \$6.00 per acre, that will rent from one-fourth to one-half the cost each year. Write us for free pamphlet and map.

**E. N. BROWN,**  
President Kansas City Southern Land & Immigration Co.,  
708 Beals Building, Kansas City, Mo.

## Only Two Farms Left

**600 ACRES } Cedar Co., Missouri.**  
**800 ACRES }**

EITHER of these places at \$20 per acre, 1/2 cash balance 5 years, 6 per cent interest. Write for particulars. Good grain and stock farms.

**GEO. H. GALLUP,**  
1420 Grand Ave., Kansas City, Mo

## CORN, STOCK AND DAIRY LANDS.

We have purchased some selected farming lands in Faulk and adjoining counties in South Dakota. We are offering lands there at from \$15.00 to \$25.00 per acre on reasonable terms; also good improved farms in Minnesota and Iowa at low prices and reasonable terms. If you are interested write us and we shall be glad to give you full information. No trades. A few good, reliable agents wanted.

**E. M. KIERON LAND COMPANY,**  
311-313 Nicollet Ave., Minneapolis, Minn.

**SELL YOUR FARM**

If you want to buy, sell or exchange a farm, home or business, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.

**Real Estate Salesman Co**  
412 Brace Bldg., Lincoln, Nebraska

## MR. RENTER

**STOP MOVING.** Buy a farm in St. Louis County, Minn., on terms easier than renting and settle down. Good agricultural land at reasonable prices and easiest terms ever offered. For full information address Land Commissioner D. & L. R. R. Co, 525 Wolvin Bldg., Duluth, Minn.

## FOR SALE.

FARM lands, 10,000 acres of prairie land in lots to suit purchasers, payments easy; also improved farms, all sizes, in southwestern Manitoba, near good towns. Write for list stating your requirements. **Cameron & Duncan,** - Melita, Manitoba

**FOR SALE OR EXCHANGE:** 300 acres Mer county, Missouri, improved, good land. 248 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**320 ACRES—** Fine stock farm, highly improved \$30.00 per acre. This is a bargain. Write for terms. **C. Williamson, Sylvia, Reno Co., Kansas.**



## LIVE STOCK SALES

## Combination Duroc Sale at David City.

The combination sale of Duroc bred sows held at David City, Neb., on February 23d was a very good one. The consignors were Messrs. Henry Bock, Joe Hilger and M. Thima, all of David City. There was a good attendance of farmers and present present, but most of the stuff stayed in that vicinity. Everything was in the best of condition and the best of results is looked for from this great bunch of sows. Below is a list of those selling for \$35 and over:

Lot.	Price.
1. W. H. McGarvey, Ulysses, Neb.	\$53.00
2. W. G. Unitt, Seward, Neb.	40.00
3. J. C. Clase, Octavia, Neb.	41.00
4. S. P. Briggs, Seward, Neb.	45.00
5. H. Sims, David City, Neb.	44.00
6. J. S. Regens, Gibbon, Neb.	38.00
7. W. H. Burkett, David City, Neb.	40.00
8. J. S. Regens	38.00
9. J. E. Rowe, Stockham, Neb.	49.00
10. S. P. Briggs	52.00
23. Fred Blek, David City, Neb.	45.00
24. W. J. Anderson, David City, Neb.	52.00
25. John Harvey, David City, Neb.	41.00
26. W. H. Burkett	44.00
30. B. H. Eiting	40.00
35. V. Hilger	37.00
37. D. H. Eiting, David City, Neb.	39.00
41. Geo. Davis, Milford, Neb.	56.00
42. F. Wallia, Linwood, Neb.	40.00
45. J. E. Trumble, David City, Neb.	41.00
46. Same	41.00
47. J. E. Rowe	50.00
48. S. P. Briggs	50.00
49. Fred Bock, David City, Neb.	57.50
50. Same	45.00
51. Frank Wallia, David City, Neb.	42.00
52. W. E. Ball, David City, Neb.	37.50

## Perfection Chief Stock Co.'s Durocs Sell Well.

The sale of Duroc Jersey bred sows held at Maryville, Mo., on February 25th, by the Perfection Chief Stock Company, of Maryville, Mo., was a success from start to finish. Many breeders stayed over Sunday from the Murphy sale and many new arrivals on Sunday and Monday morning swelled the crowd of visiting breeders to about forty. Farmers in the vicinity of Maryville turned out in goodly numbers and on forty-six head of sows an average of \$76.63 was made. Illinois, Iowa, Missouri, Kansas and Nebraska parties were among the buyers. Mr. R. J. Harding, of Macedonia, Iowa, topped the sale, taking Lot 33a, a sister in blood to W. L. A.'s Choice Goods, at \$340. Colonels Duncan, McGowan and Manifold conducted the sale. Following is a list of all sales over \$30:

Lot.	Price.
1. E. A. Buck, Savannah, Mo.	\$ 60.00
2. H. L. Beam, Hopkins, Mo.	57.50
3. Mr. Rodenbough, Macedonia, Ia.	67.50
4. L. H. Roberts, Paton, Iowa.	335.00
5. M. W. Smalley, Blockton, Iowa.	65.00
6. H. M. Moore, Orient, Iowa.	130.00
7. White & Dewey, Shannon City, Iowa.	160.00
8. Wm. Woodburn, Orrisburg, Mo.	50.00
9. A. B. Gordon, Tarkio, Mo.	40.00
10. White & Dewey	160.00
11. W. A. Rankin, Carson, Iowa.	120.00
12. Jno. M. Morrison, College View, Neb.	115.00
13. H. L. Beam, Hopkins, Mo.	35.00
14. Mr. Johnson, Maryville, Mo.	32.00
15. Mr. Whitten, Hopkins, Mo.	37.00
16.	40.00
17. W. T. Jones, Independence, Mo.	52.50
18. McNeal Bros., Bowen, Ill.	157.50
19. G. W. Trone, Rushville, Ill.	95.00
20. J. B. Bonewith, Maryville, Mo.	39.00
21. Secksmith & Strong, Orient, Ia.	110.00

## A Common-Sense Talk On Manure Spreaders

THERE'S no doubt that the right kind of manure spreader is a good thing for you to have. It is probably true that there is no other farm machine that, if rightly chosen, is as valuable to the farmer. If manure is spread properly and at the right time, its money value far exceeds what you're apt to think.

But when you buy a manure spreader have a care. There are many of them on the market, and many with various "special features"—fancy affairs that do them more harm than good.

When you buy a spreader look out for these things—and avoid them. What is chiefly to be desired is *strength and simplicity of construction*.

Strength is essential because a manure spreader has to carry a heavy load and the rear end—the machine end—has hard work to do.

Simplicity of construction lessens the chance of the machine getting out of order and gives *light draft*. You know there are a good many manure spreaders that don't get out of the shed after the first year. They make too much trouble and cause too much delay.

## I. H. C. Corn King and Cloverleaf Spreaders

are strong and simple. The frame is carefully-selected, well-seasoned lumber, and is strengthened by heavy cross sills and truss rods. They have steel wheels with staggered spokes, and both hind wheels have clutches. The box is made of selected stock and is securely fastened to the frame by heavy steel cleats. Corners are re-enforced with steel plates. Everything is of the very best.

Both of the rear wheels are drivers, and insure plenty of power. A large sprocket with heavy chain drive transmits the power to the cylinder. The cylinder is large and strong, and the square teeth (extra long) are made of the best high carbon steel.

The power for driving the apron is applied on both sides, giving an even movement and making binding impossible. The rollers are attached to the under side of the slats instead of to the frame.

The vibrating rake is a most important feature, and is found only on Corn King and Cloverleaf spreaders. It levels the load and brings the manure squarely up to the cylinder—a thing which is absolutely essential to

proper spreading. The teeth on the vibrating rake are held in place by coiled steel springs so they never break but adjust themselves to the size of the load.

And as a result of simple construction, the operation is simple. Any one who can drive a wagon can operate an I. H. C. spreader, for one lever does it all. There are ten feeds, ranging from ten to thirty loads per acre. The apron stops of its own accord when the load is all fed out. By reversing the lever it returns and again stops when back in position. No need to watch it at all.

These are some of the reasons why you should investigate I. H. C. Corn King and Cloverleaf spreaders before you buy. There are many other good points about them that are explained in our catalogues. There are two kinds—Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each made in three sizes.

Call on the Local Agent or write for catalogues.

INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U. S. A.  
(INCORPORATED)



## OUR RED LETTER Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

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## A Good Hereford Sale at Kansas City February 27th and 28th.

The sale of Hereford cattle held at the fine stock pavilion at Kansas City, Mo., on February 27th and 28th, under the management of Mr. C. R. Thomas, secretary of the Hereford association, may well be classed among the successful sales. High prices were not paid, but on the whole fair prices were realized. At the opening bidding was slow and an undue amount of conservatism was shown, even though there was fever a better time to get in on good cattle than now. Few, if any, better crowds have been seen at any cattle sale this winter, and from all indications now is the time to buy, as the interest displayed is surely the forerunner of better prices for pure-bred cattle. The cattle were in nice condition and the entire offering might be classed as good. The better lots went freely and at good figures. The top price of the sale was \$550, paid by Mr. F. H. Stannard, of Ottawa, Kan., for the yearling bull, Homeseeker, of Messrs. Gudgeon & Simpson's consignment, Mr. J. E. Summers, of Clifton Hill, Mo., being the contesting bidder. The top on females was \$285, paid by Mr. S. J. Gabbert, of Dearborn, Mo., for Capitola 29th, one of Messrs. Gudgeon & Simpson's consignment. Quite a few lots sold around the \$200 mark. Following is a list of sales of \$100 and over and the summary:

## BULLS.

Monogram, J. A. Carpenter, Carbondale, Mo.	\$100
Homeseeker, F. H. Stannard, Ottawa, Kan.	550
Beau Manson, J. E. Summers, Clifton Hill, Mo.	195
Bright Lad, Jno. Gosling, Kansas City, Mo.	125
Othello, J. E. Rakc, Richland, Kan.	185
Tacitus, C. W. Armour, Kansas City, Mo.	155
Printer 2d, Jno. Gosling	150
Handsome Harry, J. C. Riddell, Rossville, Mo.	130
Protocol 9th, Jno. Gosling	160
Protocol 11th, same	140
Tom, Norman Ochsner & Co., Madison, Neb.	100
Protocol 10th, J. G. Green, Eldorado, Kan.	200
Beau Delaware, Scott & March, Belton, Mo.	200
Dandy Andrew, Noah Willis, Platt City, Mo.	355
Beau Cherry Boy, J. E. Rakc	100
Keep On 61st, W. A. Howard, Comisky, Kan.	135
Hazford Brummel, L. Goodwin, Pleasant Hill, Mo.	155

## FEMALES.

Lady Corrector, A. L. Miller, Platte City, Mo.	170
Bianca, J. A. Carpenter	170
Priscilla 10th, Est. W. W. Guthrie, Atchison, Kan.	250
Pauline, Ed Rice, Vine, Kan.	180
Germania, J. A. Carpenter	155
Dollie Brown, Ed Rice	105
Miss Catherine 6th, S. J. Gabbert, Dearborn, Mo.	270
Bright Lass 18th, Wallace & Ragsdale, Kingsville, Mo.	225
Leola, Est. W. W. Guthrie	165

Buttercup, G. K. Cogswell, Castleton, Kan.	100
Capitola 29th, S. J. Gabbert	285
Dollie 8th, Est. W. W. Guthrie	275
Norma, Ed Rice	120
Bonny Lucy 5th, Est. W. W. Guthrie	175
Blauche 36th, Ed C. Weeks, Eldon, Mo.	225

## SUMMARY.

52 bulls	\$5,875; average	\$112.98
35 females	4,070; average	116.29
87 head	9,945; average	114.31

## Lyndale Poland China Sale.

The sale of Poland China hogs held by Mr. A. F. Graves, of King City, Mo., on February 28th, was well attended by Mr. Graves' neighbors from nearby points. Were it not for the thoughtfulness of Mr. Graves for the comfort of his guests the day would have made selling almost an impossibility, as it rained almost continually from lunch time until well into the night. It was so dark in the tent that the hogs showed to very poor advantage, yet on the entire offering of fifty head an average of \$36.71 was made. Many gilts were bred late and did not bring

their worth. Col. Geo. P. Bellows did the selling and was assisted in the ring by Colonels Klaas and Zaun. Following is a list of all sales:

Lot.	Price.
1. Mr. Burkleser, King City, Mo.	\$42.00
2. Clem Oriel, King City, Mo.	31.00
3.	49.00
4.	50.00
5.	34.00
6. W. N. Pence, King City, Mo.	40.00
7.	30.00
8.	42.00
Sub. S. S. Turner, King City, Mo.	32.50
10.	37.00
11. E. E. Carver, Guilford, Mo.	26.00
12. C. E. Teuan, New Hampton, Mo.	55.00
13.	36.00
14. E. D. Criswell, King City, Mo.	24.00
15. W. W. Oliver, Guilford, Mo.	26.00
16. C. D. Mann, Stanberry, Mo.	28.00
17. W. W. Oliver	17.50
18.	38.00
19. L. F. Wheatly, King City, Mo.	33.00
20.	25.00
21. H. Bertrand, King City, Mo.	31.00
22.	26.00
23. J. A. Stevenson, Mt. Ayr, Iowa.	66.00

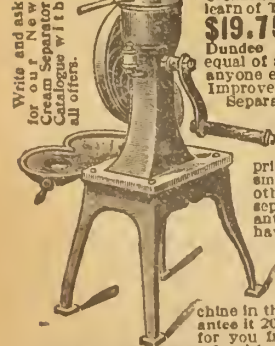
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24.	Elmer Carver, Guilford, Mo.	40.00
25.	J. A. Stevenson	25.00
26.	E. D. Criswell	29.00
Sub.	Stiger & Son, Ravenwood, Mo.	45.00
28.	O. E. Tenant	50.00
29.	John Frank, King City, Mo.	31.00
30.		30.00
31.	C. E. Tenant	30.00
32.	A. Lawson, King City, Mo.	39.00
33.	A. G. Simmons, King City, Mo.	22.00
34.	Wheatley & Ward, King City, Mo.	37.50
35.	G. E. Durban, King City, Mo.	67.50
36.	A. Lawson	42.50
37.	Wheatley & Ward	35.00
Sub.	W. H. Berryman, King City, Mo.	41.00
39.	P. D. Beaser, Stanberry, Mo.	25.00
40.	Wheatley & Ward	54.00
41.	W. H. Berryman	41.00
42.	E. D. Criswell	34.00
43.	A. J. Vaughn, King City, Mo.	41.00
44.	C. Ravenwood	36.00
45.		30.00
46.	T. E. Durban, King City, Mo.	52.00
47.		36.00
48.		40.00
49.		38.00
50.	A. J. Vaughn	30.00

## J. C. Bailey's Sale.


Everything passed off smoothly at Marshalltown, Iowa, where Mr. J. C. Bailey disposed of a very representative offering of Poland sows and gilts. Prices read very well indeed, especially in view of the fact that only a few head of mature stock was listed. An average of \$49 was secured and from the attached list of buyers it will be seen that a goodly number came from a distance:

Lot.	Buyer	Price.
19	Muckler & Son, Toledo, Iowa	\$60.00
11	W. F. Baker, State Center, Ia.	47.00
9	John G. Sheldon, Eldora, Iowa	40.00
12	W. Garhart, Eldora, Iowa	50.00
10	John W. Walton, Eldora, Iowa	40.00
	F. H. Houghton, Marshalltown, Iowa	41.00
31	E. F. Braman, Marshalltown, Ia.	55.00
25	John Frizzell, Boone, Iowa	47.50
22	J. G. Miller & Sons, Brooklyn, Iowa	64.00
23	L. M. Bissell, Tama, Iowa	50.00
15	W. H. Allard, Tama, Iowa	32.50
14	C. J. Henline, Garwin, Iowa	39.00
5	W. M. Fisher, Garwin, Iowa	70.00
18	F. G. Houghton	47.50
20	K. J. Tweed, Montour, Iowa	51.00
6	Tweed Bros., LeGrand, Iowa	55.00
7	G. E. Muckler	42.00
1	C. F. Miller	47.00
16	Chas. Meyers, Haverhill, Iowa	40.00
13	Same	42.00
26	R. G. Tweed, LeGrand, Iowa	78.00
24	G. L. Pierce, Marshalltown, Ia.	35.00
3	County Farm, Toledo, Iowa	55.00
17	A. L. Wilson, Marshalltown, Ia.	44.00
30	D. H. Paul, Laurel, Iowa	33.00
2	E. F. Braman, Marshalltown, Ia.	56.00
4	Substitute, Floyd Gillitt, Hampton, Iowa	37.00
28	F. H. Houghton, Marshalltown, Iowa	52.00
29	John W. Walton, Eldora, Iowa	35.00
21	High Andrews, New Providence, Iowa	36.00

## The Lincoln, Neb., Stallion Sale.

The Watson, Woods Bros. & Kelly Co., well-known importers of draft stallions at Lincoln, Neb., held their sale as announced in our columns for February 26th and 27th. The attendance was large, though many of those who were after stallions hesitated to bid. After about half of the offering was sold the request was made by buyers that the remainder be sold privately. This seemed quite out of the ordinary. However, the desire was generously granted and before the day closed the complete offering was closed out at private sale, every man going home well satisfied with his purchase. The attached list shows the buyers and prices. The merit of the offering was above reproach and the fact was general comment, though many of the buyers desired more time in which to make a bargain than was afforded in the sale ring:

Buyer	Price.
Coureur, Percheron, J. R. Maynes, Henderson, Iowa	\$1,300
Charmant, Percheron, Jacob Ridiger, Jr., Sutton, Neb.	1,400
Gringalet, Percheron, Chas. Williams, Sr., Cedar Bluffs, Neb.	1,600
Good Morning, Shire, E. B. Hess, Brooks, Iowa	1,900
Raglan II., Shire, Best Bros., Shelby, Iowa	1,230
Michel, Percheron, Mathias Schmitt,	



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Dear Sir:—I am very much pleased over the marvelous cure you have performed on me with your home treatment, CANCEROL. The cancer on my breast all came out in about three months time and healed up nicely without any trouble. I was up and dressed all the time. It is about three months since it healed. I am telling my friends what "CANCEROL" has done for me, and I hope they may have the same faith in it that I have. Thanking you for your kind and generous treatment, I remain,

Yours with a grateful heart,  
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My paint is made to order after each order is received, packed in hermetically sealed cans with the very day it is made stamped on each can by my factory inspector.

NOTE—My 8 Year Guarantee Backed by \$50,000 Bond.

Pine Ridge, S. D.	1,130
Ventriloque, Percheron, Von Seggern & Kelso, Wisner, Neb.	2,000
Flag of Truce, Shire, George Schurr, Strahan, Iowa	1,600
Mirobolant, Percheron, Graves Bros., Beatrice, Neb.	1,000
Nailstone Luke, Shire, C. M. Follett, Malvern, Iowa	1,000
Nailstone Desert Chief, Shire (yearling), A. O. Strong, Orient, Iowa	700
Tunls, Belgian, B. D. Prentice, Laird, Colo.	1,300
Desford Lad, Shire, Joseph Ruby, Thurman, Colo.	1,200
Grivois, Percheron, Jno. C. Marlow, Lancaster, Wis.	1,300
Forestier, Percheron, Ora Haley, Laramie, Wyo.	1,000
Etudiant, Percheron, same	1,150
Bengali, Percheron, same	1,150
Medbourne Plunger, Shire, same	1,000
Tom's Drayman, Shire, Lem Moats, Geneva, Neb.	1,500
Scipion, Percheron, A. J. Clark, Victor, Iowa	1,100
Wenkebach, German Coach, J. C. Rogers, Ord, Neb.	1,000
Forton d'Alvaux, Belgian, Skaggit County Breeders' Assoc., Mt. Vernon, Wash.	2,000
Major, Percheron, F. J. Hron, Howells, Neb.	1,225
Armand, Percheron, Hugh Elliott, Beatrice, Neb.	1,000
Esther, Percheron mare, Wm. H. Kerr, Bennington, Neb.	440
Wylda, Percheron mare, same	300
Alice and Ruth, Percheron fillies, Jas. Barr, York	510
Fanor, Royal Belgian, Jacob Wernsman, Cedar Bluffs, Neb.	1,300
Rolly, Percheron, same	1,250
Ephese, Percheron, Gresham Horse Co., Gresham, Neb.	1,400

## The Staples Sale.

The Duroc Jersey brood sow sale of Messrs. W. A. Staples & Son, at Glidden, Iowa, on February 25th, brought out a good crowd of farmers and breeders, and an average of \$64 was made. Mr. Lee Hopper, of Neola, Iowa, topped the sale on a Tientsin sow at \$152.50. Colonel Luther cried the sale. Below is a report of same:

Lot.	Buyer	Price.
1.	Roy E. West, Churdan, Iowa	\$130.00
2.	G. E. Everts & Sons, Audubon, Iowa	102.50
3.	Dr. J. A. Downs, Glidden, Iowa	77.50
3 1/2.	G. E. Everts & Sons	130.00
4.	Lee Hopper, Neola, Iowa	152.50
4 1/2.	W. H. Hudson, Lohrville, Iowa	70.00
5.	Aug. Sonneland, Harlan, Iowa	137.50
6.	F. E. Garrett, Lohrville, Iowa	100.00
7.	S. W. Johnson, Rippey, Iowa	55.00
8.	S. G. Staples, Carroll, Iowa	52.50
9.	H. McCulloch, Vall, Iowa	51.00
10.	Same	51.00
10 1/2.	Mrs. Fred Van Antwerp, Lohrville, Iowa	42.00
11.	Edmunds, Shade & Co., Kingsley, Iowa	52.50
13.	L. O. Wright, Glidden, Iowa	31.00
14.	L. Gregory, Glidden, Iowa	52.00
16.	Chas. Crittenden, Glidden, Iowa	60.00
17.	Mrs. Fred Van Antwerp	53.00
18.	C. Schreeber, Glidden, Iowa	77.50
19.	S. G. Collicot, Lake City, Ia.	42.50
20.	S. W. Johnson	35.00
21.	Everts Mosher, Glidden, Iowa	39.00
22.	S. W. Johnson	41.00
23.	Fred Duiks, Glidden, Iowa	40.00
24.	Geo. Kline, Glidden, Iowa	33.00
25.	Ira Sapp, Coon Rapids, Iowa	41.00
26.	A. H. Quinn, Glidden, Iowa	42.50
27.	Same	35.00
28.	Same	51.00
30.	Geo. Blessing, Homer, Neb.	76.00
31.	R. W. Brearley, Lake City, Ia.	51.00
32.	Frank Kildney, Glidden, Iowa	41.00
33.	E. L. Gregory, Lake City, Iowa	43.00
34.	S. W. Johnson	40.00
35.	A. D. Freed, Boone, Iowa	90.00

## The Seckman &amp; Allen Duroc Sale.

Breeders who were present at the brood sow sale of Messrs. Seckman & Allen, at Mt. Sterling, Ill., on February 27th, were given an opportunity to secure some of the best stock offered for sale this year at bargain prices. A large crowd of farmers were present and their support of the sale was certainly a high compliment to the consignors. Mr. J. S. Teale topped the sale, paying \$125 for a daughter of Tip Top Notcher bred to Masterpiece Chief, one of the best sons of Model Chief. Mr. Seckman made one of the best sales of 1906, and while many of the offering were of late farrow and were bred for April and May litters, they would have

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I sell my paint direct from my factory to user you pay no dealer or middleman profits.

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I guarantee, under \$100 Cash Forfeit, that the paint I am offering you does not contain water, benzine, whitening, or barytes—and that my Oil is pure, old-fashioned linseed oil and contains absolutely no foreign substance whatever.

I guarantee the freight on six gallons or over. My paint is so good that I make this wonderfully fair test offer:

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I go even further. I sell all of my paint on six months' time, if desired.

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For further particulars regarding my plan of selling, and complete color card of all colors, send a postal to O. L. Chase, St. Louis, Mo. I will send my paint book—the most complete book of its kind ever published—absolutely free. Also my instruction book entitled "This Little Book Tells How to Paint" and copy of my 8-year guarantee.

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18.	R. J. Harding	50.00
19.	J. L. Condron, Down, Mo.	52.50
20.		30.00
21.	George Edwards, Savannah, Mo.	50.00
22.		75.00
23.	R. A. Miller	25.00
24.	J. Martin, Savannah, Mo.	32.50
25.	C. Siegfried, Savannah, Mo.	32.50
26.	J. Martin	27.50
27.	Jno. Clark, Savannah, Mo.	37.50
29.	J. F. Stodder, Burden, Kan.	120.00
30.	F. A. Strong, Orient, Iowa, A. E. Poush, Chariton, Iowa, H. A. Secksmith, Greenfield, Ia.	2,000.00
31.	A. W. Zimmerman, Amazonia,	



Mo. ....	52.50
32. L. H. Roberts, Paton, Iowa....	50.00
23. White & Dewey, Shannon City, Iowa .....	70.00
34. W. L. Addy & Son.....	72.50
35. R. McDonald, Savannah, Mo....	57.50
36. E. S. Watson, Turney, Mo....	82.50
37. A. F. Russell, Savannah, Mo....	100.00
38. L. C. Woolen, Stansberry, Mo....	62.50
39. W. Stevenson, Savannah, Mo....	52.50
40. Geo. Edwards, Savannah, Mo....	50.00

#### The Deal-Schweizer-Norton Duroc Sale.

A large local crowd was present at the third annual Duroc sale of Messrs. E. H. Deal & Son, Fred Schweizer and J. G. Norton, all of Elwood, Ill. These gentlemen have all been liberal buyers of best breeders and the tops of the sale should have brought more money. The prices received were not in keeping with the quality and breeding of the stock offered. One feature of the sale which was clearly evident to all those present was the uniform prices received for the entire lot, an average of prac-



NORTON DEAL.

Lot.	Price.
1. O. B. Gibler, Elwood, Ill.....	\$ 92.50
2. W. J. Taylor, Dwight, Ill.....	77.50
3. R. D. Meno, Mazon, Ill.....	52.50
4. F. M. Erschen, Odell, Ill.....	42.50
5. John L. Kennison, Manhattan, Ill.....	40.00
6. Gooding Bros., Prairie View, Ill.....	40.00
7. Same .....	37.50
8. J. M. Kearby, Stanford, Ill.....	52.50
9. Chas. Strause, Mazon, Ill.....	40.00
10. Harry Bush, Elwood, Ill.....	30.00
11. C. P. Morris, Dwight, Ill.....	37.50
12. Gooding Bros. ....	45.00
13. J. G. Norton, Elwood, Ill.....	25.00
14. Harry Kahler, Wilmington, Ill.....	32.50
15. F. Beith & Son, Joliet, Ill.....	65.00
16. C. Hansen, Elwood, Ill.....	62.50
17. J. H. Jennings, Streator, Ill.....	42.50
18. Chas. Strause .....	40.00
19. Gooding Bros. ....	50.00
20. Mrs. Wm. Kirkham, Elwood, Ill.....	42.50
21. F. Litchewater, Elwood, Ill.....	52.50
22. Mrs. Wm. Kirkham .....	32.50
23. Jas. White, Manhattan, Ill.....	42.50
24. Ed Palmer, Elwood, Ill.....	47.50
25. F. Beith & Son .....	45.00
26. Mrs. Wm. Kirkham .....	40.00
27. Harry Kahler .....	27.50
28. H. Palmer, Elwood, Ill.....	32.50
29. Chas. Chaloupka, Elwood, Ill.....	30.00
30. C. R. Souers, Piper City, Ill.....	40.00
31. Geo. Du Sold, Virgil, Ill.....	32.50
32. Elroy Spangler, Elwood, Ill.....	40.00
33. Frank Chester, Dwight, Ill.....	72.50
34. Geo. Du Sold .....	47.50
35. F. M. Erschen .....	32.50
36. J. H. Curran, Elwood, Ill.....	87.50
37. Taylor, Morris, Schroterberger & Sons, Dwight, Ill.....	100.00
38. Substitute, Sam Hunt, Essex, Ill.....	50.00
39. John Schroterberger & Sons .....	85.00
40. J. H. Jennings .....	50.00
41. Elroy Spangler .....	42.50
42. C. P. Morris, Dwight, Ill.....	82.50
43. H. Palmer, Elwood, Ill.....	37.50
Boar, Gooding Bros. ....	45.00

#### SUMMARY.

43 head sows....\$2,140; average..\$49.76

#### B. C. Marts' Duroc Sale.

The Duroc Jersey sale of Mr. B. C. Marts, held at his farm near Polk City, Iowa, on February 13th, resulted in the realization of satisfactory prices throughout. No man in the Duroc Jersey business is making more



**Large Crops & Higher Prices**

**IT PAYS FOR ITSELF IN INCREASED YIELD ON EVERY 7 ACRES**

THAT'S JUST EXACTLY WHAT THE "NEW SUPERIOR" FANNING MILL WILL DO only from increasing your yield. After harvest it MAKES MONEY.

**WHY NOT ACCEPT OUR OFFER OF A 30 DAYS' FREE TRIAL**

**FREIGHT PREPAID, of the "NEW SUPERIOR,"** before you buy a Fanning Mill.

We want to prove by the "NEW SUPERIOR" itself—in actual work—in your own granary—that it will **PAY YOU BACK ITS COST QUICKER** and **SURER** than any other mill made.

No matter what Fanning mill you have decided to buy—wait a few days—write us first—you have nothing to lose by doing so—and it **MIGHT PAY YOU.**

We want to show you, in actual figures, why it pays you better to own a "NEW SUPERIOR". Our new book **"HOW TO INCREASE YOUR PROFITS"** tells the story. It's free, and you can have a copy for a postal. Besides the "NEW SUPERIOR" story it gives you a lot of valuable information on farming. We will also name you our lowest prices for cash, or on time; so write today—just drop us a postal.

**J. L. OWENS CO., 614 SUPERIOR STREET S. E., MINNEAPOLIS, MINN.**

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**J. L. OWENS CO., 614 SUPERIOR STREET S. E., MINNEAPOLIS, MINN.**

## The Flour City

### GASOLINE ENGINES

#### TRACTION, PORTABLE, STATIONARY



**KINNARD-HAINES CO.**  
MINNEAPOLIS, MINNESOTA  
824 44th Ave. N.

22. Peter Iversen, Winside, Neb....	36.00
23. H. P. Hansen .....	50.00
24. G. Olsen, Herman, Neb.....	41.00
25. H. W. Burdening .....	35.00
26. John Michael, Tekamah, Neb....	47.00
27. Same .....	46.00
28. Tom Cushman .....	46.00
29. John Michael .....	42.00
30. L. A. Williams, Blair, Neb.....	47.00
31. Frank Bross, Blair, Neb.....	42.00
32. N. J. Nelson, Pender, Neb.....	60.00
33. L. Ackerman .....	37.00
34. G. Olson .....	40.00
37. Chas. Warner .....	40.00
38. John Ryan, Blair, Neb.....	46.00
39. L. A. Williams .....	50.00
40. P. F. Peterson, Herman, Neb....	56.00

#### T. H. Isaac's Duroc Sale.

The Duroc Jersey sale of Mr. T. H. Isaac was held, as advertised, at Red Oak, Iowa, on February 8th. The forty-seven head averaged \$35.52, the top price being \$100, paid by Mr. R. J. Harding, of Macedonia. Prices ran uniformly throughout, not a single individual dropping below the \$25 mark. Among the buyers were: Grant White, Afton; S. W. Swanson, Stanton; G. A. Peterson, Stanton; McClellan & Pfander, Clarinda; W. A. Rankin, Carroll; W. M. Ritchie, Bronson; J. A. Visted, Red Oak; Chas. Barton, Red Oak; Frank Swanson, Red Oak; C. J. Naurte, Red Oak; W. J. Dean, Griswold; John Winn, Red Oak; Henry Ebert, Red Oak; Aug. C. Johnson, Stanton; Louis Edwards, Omaha; L. C. Peterson, Stanton; Edw. Veseen, Red Oak; Wallace Larson, Red Oak; Thos. Stover, Red Oak; Secksmith & Strong, Orient; J. L. Edwards, Red Oak; David Owens, Red Oak; A. C. Mainquist, Red Oak; John Smith, Red Oak; R. E. Gilmore, Red Oak; O. E. Kikendall, Red Oak.

#### Bassett's Poland Sale.

Mr. N. C. Bassett, one of the strong supporters of Poland in central Iowa, made a very successful sale of fifty head of mature sows and gilts at his farm near Farlin, Iowa, February 20th. The top of the sale was \$61, made by Mr. G. M. Vader, of Churdan, Iowa, on No. 8, a sow bred to the great young herd boat, Keep On 2d. Prices ruled steady from start to finish, though some late-bred sows reduced the average somewhat. Col. H. S. Duncan cried the sale and made the following prices to the satisfaction of all concerned:

Lot.	Price.
1. A. P. Fourmaster, Churdan, Ia.	\$42.00
2. G. M. Vader, Churdan, Iowa....	49.00
3. J. Monahan, Churdan, Iowa....	42.00
4. Same .....	41.00
5. S. D. Judy, Jefferson, Iowa....	35.00
6. A. P. Fourmaster .....	32.50

substantial progress than Mr. Marts, this progress being based on two things, namely, the use of the very best blood obtainable, and secondly, the sensible employment of good feed. Full value was received by every man who made a purchase. Messrs. Johnston Bros., of Brooklyn, Iowa, paid the top price of the sale, \$175, for No. 1 in the catalog. Some half dozen individuals were bid above the \$100 mark, but, as will be noticed by an examination of the following list, prices were uniformly good, rather than sensational. The buyers and prices paid were:

Lot.	Price.
1. Johnston Bros., Brooklyn, Iowa..	\$175.00
2. G. W. Gugsly, Sheldahl, Iowa....	120.00
3. John Morrison, Ankeny, Iowa....	105.00
4. F. H. Hunter, Ankeny, Iowa....	90.00
5. Fred Frazer, Polk City, Iowa....	55.00
6. W. J. Miller, Ankeny, Iowa....	41.00
7. John Thompson, Polk City, Ia....	57.50
8. Same .....	50.00
9. Same .....	50.00
10. Guy Roof, Cedar, Iowa.....	75.00
11. White & Dewey, Shannon City, Iowa .....	75.00
12. Sate Menfee, Polk City, Iowa....	100.00
13. W. J. Miller .....	41.00
14. S. J. Clouse, Clare, Iowa....	95.00
15. E. E. Boogs, Norwalk, Iowa....	152.50
16. John Thompson .....	60.00
17. Walter Bieghler, Polk, Iowa....	65.00
18. Fargerson, Fremont, Iowa....	58.00
19. Roht. Schaaf, Polk, Iowa....	92.50
20. A. E. Poush, Chariton, Iowa....	105.00
21. W. J. Hartung, Maxwell, Iowa....	59.00
22. W. Ringenling, Ankeny, Iowa....	40.00
23. Fred Frazer .....	41.00
24. J. E. Smith, Marshalltown, Ia....	61.00
25. Guy Roof .....	45.00
26. S. P. Freed .....	70.00
27. S. Marts, Polk, Iowa....	31.00
28. W. E. Bieghler, Polk, Iowa....	46.00
29. John Brobble, Ankeny, Iowa....	45.00
30. A. E. Poush .....	80.00
31. R. H. Clark, Dallas Center, Ia....	45.00
32. W. Ringenling .....	43.00
33. C. W. Ramsen, Ames, Iowa....	40.00
34. Guy Roof .....	44.00
35. S. T. Spellman, Waverly, Iowa....	65.00
36. J. E. Smith .....	41.00
37. J. W. Clark .....	36.00
38. P. J. Kappleman, Des Moines, Iowa .....	40.00
40. C. Schaaf, Polk City, Iowa....	53.00

#### White & Dewey Sow Sale.

One of the greatest Duroc Jersey sow sales ever held in southern Iowa was that of Messrs. White & Dewey at their farm near Shannon City, Iowa, on February 20th. The fact that five sows in this sale were bred to the old dead hero, Proud Advance, and a number of his daughters were to be sold, proved an attraction to breeders from several different states. Most of the breeders from the Sheldon Bros. sale the day before held over for this sale, and with the addition of the newcomers, it made a most representative gathering. All the Illinois boys held over from the Sheldon sale and were good hidders and good buyers. Forty head cataloged, sold at an average of

#### Carl Hansen's Sow Sale.

The first annual Duroc Jersey sow sale of Mr. Carl Hansen, at Herman, Neb., was well attended and an average of \$47.60 was made on thirty-seven heads. Considering it was his first sale it was a grand success. The offering was in nice shape and a good crowd was on hand ready to buy. Colonel Bellows was on the block and sold the entire lot in fifty-eight minutes. Below is a report of those selling for \$35 and over:

Lot.	Price.
1. L. Ackerman, Herman, Neb....	\$45.00
2. J. R. Hastings, Arlington, Neb....	42.50
3. H. P. Hansen, Rosalia, Neb....	50.00
4. A. Allen, Blair, Neb.....	47.50
5. J. P. Keyser, Herman, Neb.....	48.00
6. Nelson Bros., Kennard, Neb....	52.00
7. E. Z. Russell, Blair, Neb.....	75.00
8. L. Ackerman .....	50.00
9. Ed Jensen, Blair, Neb.....	54.00
10. John Christensen, Herman, Neb....	67.50
11. G. Olson, Herman, Neb.....	55.00
12. H. W. Meyerhewny, Arlington, Neb.....	46.00
13. W. C. Cameron, Herman, Neb....	75.00
14. John Christensen .....	52.50
15. N. P. Anderson .....	38.00
17. Chas. Warner, Pender, Neb.....	40.00
18. Fred Olson, Herman, Neb.....	35.00
19. D. H. Hansen, Rosalia, Neb....	50.00
20. R. H. Ramsussen, Herman, Neb....	41.00
21. H. W. Meyerhewny .....	42.50



**\$3.50 PAIL FREE**

TO PROVE BEYOND ALL DOUBT TO EVERY INTELLIGENT STOCK RAISER THAT  
**WILBUR'S STOCK FOOD**

is the world's greatest conditioner and feed saver, we will actually give away one full sized 25 lb. pail to every reader of this Paper who writes us a letter and answers these questions. First:—What Live Stock do you own \_\_\_\_\_ Hogs

Cattle \_\_\_\_\_ Horses. Second:—Write your name, Post Office, Freight Station and State, very plainly. Mail your letter today and get your Free \$3.50 Pail of Wilbur's Stock Food. **WILBUR STOCK FOOD CO. 330 HURON ST., MILWAUKEE, WIS.**



7.	A. J. Plummer, Churdan, Iowa..	36.00
8.	G. M. Vader .....	61.00
9.	J. T. Judge, Carroll, Iowa.....	30.00
10.	L. A. Reiz .....	31.00
11.	Jno. Fallack, Churdan, Iowa.....	33.00
12.	Dave Fay, Churdan, Iowa.....	32.00
13.	Same .....	37.00
14.	Will Mossman, Jefferson, Iowa..	35.00
15.	Reubel Bros., Rockwell City, Ia.	36.00
16.	Ira Shipley, Dawson, Iowa.....	40.00
17.	Will Mossman .....	30.00
18.	A. W. Phillips, Jefferson, Iowa..	35.00
19.	Oran Dudley, Churdan, Iowa....	30.00

#### H. E. Watson's Duroc Sale.

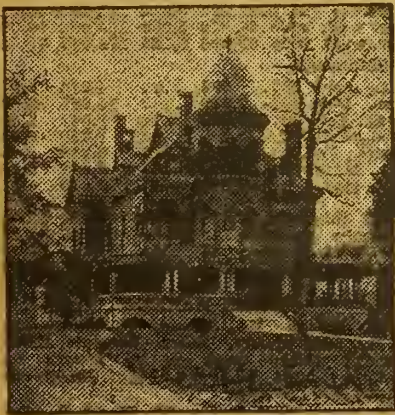
On Saturday, February 23d, Mr. H. E. Watson, of Edinburg, Ind., sold thirty-four head of Duroc Jerseys for the highest average ever made in Indiana, \$90.60. There were no sensational prices paid, but the offering was one of the most uniform the writer has seen this year. Messrs. S. E. Morton & Co., of Camden, Ohio, topped the sale, paying \$300 for a spring gilt by John's Ohio Chief, a good son of Ohio Chief, and bred to High Chief, one of the most noted Duroc boars of the state of Indiana. Mr. Thos. Johnson, of Columbus, Ohio, secured a very good gilt in a daughter of John's Ohio Chief and bred to Col. Scott. Colonel Vinnedge conducted the selling and was ably assisted by Colonel Iglehart. A list of sales follows:

Lot.		Price.
1.	S. R. Quick & Sons, Gosport, Ind.	\$122.50
2.	T. B. Johnson & Son, Mooresville, Ind.	151.00
3.	I. I. Warren, Elwood, Ind.	75.00
4.	Amos W. Harris & Sons, Waverly, Ky.	70.00
5.	J. E. Swope, Frankfort, Ind.	75.00
6.	W. H. Hazlett, Franklin, Ind.	65.00
7.	Watt & Foust, Cedarville and Xenia, Ohio.	111.00
8.	Same .....	90.00
9.	S. E. Morton & Co., Camden, O.	300.00

### Mrs. Cora B. Miller Makes a Fortune

Started a Few Years Ago With No Capital, and Now Employs Nearly One Hundred Clerks and Stenographers.

Until a few years ago Mrs. Cora B. Miller lived in a manner similar to that of thousands of other very poor women of the average small town and village. She now resides in her own palatial brown-stone residence, and is considered one of the most successful business women in the United States.



Mrs. Miller's New Residence, Earned In Less Than One Year.

Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was besieged by so many women needing treatment that she decided to furnish it to those who might call for it. She started with only a few dollars' capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

#### Million Women Use It.

More than a million women have used Mrs. Miller's remedy, and no matter where you live, she can refer you to ladies in your own locality who can and will tell you sufferer that this marvelous remedy really cures women. Despite the fact that Mrs. Miller's business is very extensive, she is always willing to give aid and advice to every suffering woman who writes to her. She is a generous, good woman and has decided to give away to women who have never used her medicine \$10,000.00 worth absolutely FREE.

Every woman suffering with pains in the head, back and bowels, bearing-down feelings, nervousness, creeping sensations up the spine, melancholy, desire to cry, hot flashes, weariness, or piles from any cause, should sit right down and send her name and address to Mrs. Cora B. Miller, Box 5410, Kokomo, Ind., and receive by mail (free of charge in plain wrapper) a 50-cent box of her marvelous medicine; also her valuable book, which every woman should have.

Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are all day, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000.00 worth is all gone.

10.	Thos. Johnson, Columbus, Ohio.	195.00
11.	W. R. Warren, Seaford, Ind.	95.00
12.	R. W. Shafer, Westport, Ind.	125.00
13.	Mrs. Lavina Watson, Edinburg, Ind.	51.00
14.	J. D. Nidlinger & Son, Decatur, Ind.	97.50
15.	T. C. Kennedy, Thorntown, Ind.	80.00
16.	S. E. Morton & Co.	80.00
17.	Same .....	80.00
18.	Mrs. Lavina Watson .....	55.00
19.	C. F. Murray, Portland, Ind.	42.00
20.	J. E. Swope .....	106.00
21.	L. E. Saller, Westfield, Ill.	127.50
22.	Ira Jackson, Tlapecanoe City, O.	62.50
23.	J. Chilton, Campbellsburg, Ky.	80.00
24.	J. M. Hadington, Portland, Ind.	126.00
25.	M. R. Grinnell, Yellow Springs, Ohio.	80.00
26.	S. R. Quick & Sons .....	41.00
27.	Samuel Butts, Columbus, Ind.	30.00
28.	H. H. Hawkins, Palestine, Ill.	40.00
29.	Miles P. Cannon, Newcastle, Ind.	51.00
30.	C. J. Newby, Zionsville, Ind.	77.50
31.	M. E. Watson, Westport, Ind.	57.50
32.	C. E. Speaks, Yellow Springs, O.	115.00
33.	Hayden Iglehart, Morganfield, Ky.	57.50
34.	L. E. Sallee .....	70.00

#### SUMMARY.

34 head ... \$3,081.50; average ... \$90.60  
Eight September boar pigs sired by High Chief were sold at bargain prices, considering quality and breeding.

#### The Gleeson Short-horn Sale.

The administrator's sale of the late Patrick Gleeson was held at Oakland, Neb., on February 28th, and it proved one of the good sales of the season. The cattle were only in fair flesh, having been taken up from the pasture. The Queen of Beauty cow, Missouri Queen, a four-year-old, bred to the champion, Choice Goods, topped the sale at \$385 and was purchased by Mr. Edward Gleeson, the sons reserving the right to bid on some of the cattle. The bidding was splendid from start to finish and some good prices were received. The bull demoad was very strong and anything old enough brought \$100 and over. The sixty head averaged \$109.84. Everything considered, it was one of the best sales ever held in Nebraska. Colonel Woods cried the sale and disposed of the entire offering in three hours. Below is a list of those selling for \$100 and over:

Orange Queen 4th, eight years, James Gleeson, Oakland, Neb.	\$170
Riverside Orange Blossom, two years, John Anderson, Oakland, Neb.	140
The Queen, two years, H. P. Galliger, West Point, Neb.	150
Missouri Queen, four years, Ed Gleeson, Oakland, Neb.	385
Florence Knightly, six years, Ben Peek, Blair, Neb.	170
Clover Crest, one year, Ed Gleeson	140
Walnut Grove Craggs, four years, A. C. Gleeson	135
Goodness of Walnut Grove, four years, Robt. Widdle, Genoa, Neb.	100
Goodness of Logan 3d, seven years, same	175
Fern Leaf, three years, John Lofgren, West Point, Neb.	155
Champion of Evergreen Farm, eight years, Robt. Widdle	200
Clara B., twelve years, Andrew Gleeson	130
Walnut Hill Miss Wiley 2d, six years, Martin Hansen, Gordon, Neb.	100
Rustic Lady, two years, Ike Melette, Craig, Neb.	115
Erlene, four years, A. C. Gleeson	125
Jessamine Lass, nine years, H. G. Clark, Craig, Neb.	100
Oxford Grand Duchess 10th, five years, Wm. Keller, West Point, Neb.	110
Wild Eyes Duchess 10th, four years, Ed Gleeson	170
March Queen, two years, H. G. Clark	120
Florella, three years, John Lofgren	105
Scottish Zephyr 2d, six years, Robt. Widdle	225
Myrtle Vine 4th, eight years, James Gleeson	110

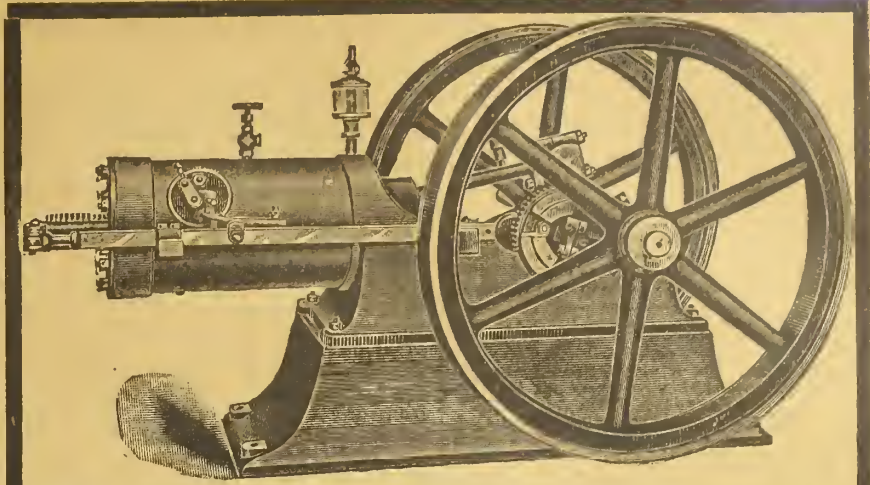
#### BULLS.

Count Waterloo 151016, seven years, Martin Hansen, Gordon, Neb.	175
Clover Lawn Sultan 254376, A. C. Gleeson, Oakland, Neb.	200
Coral Boy 257536, J. P. Clark, Tekamah, Neb.	125
Floral King 2d 270904, one year, A. J. Zast, Pender, Neb.	135
Carnot 257533, one year, G. W. B. Scott, Ashland, Neb.	100
Victor Wild Eyes 257545, one year, Jacob Witt, Bancroft, Neb.	140
Major Carlock 257542, one year, Roy Ullstrom, Memphis, Neb.	140
Indicator 370905, one year, J. N. Nelson, Oakland, Neb.	125

#### Poush's Sow Sale.


The Duroc Jersey sow sale of Mr. A. E. Poush, at Chariton, Iowa, on February 18th, was well attended by both farmers and breeders and everything sold at satisfactory prices. Seven Proud Advance sows cataloged, averaged \$121.25. The top was \$175, for a daughter of Proud Advance bred to Savannah Belle's Chief and she went to Messrs. Fred Kraschel & Son, of Macon, Ill. The entire offering averaged \$67.30. A number of the best Illinois breeders were present and were good bidders. Col. F. F. Luther cried the sale. Below is a report of the same:

Lot.		Price.
1.	O. S. Gilbert, Conrad, Iowa.	\$170.00
2.	W. M. Householder, Chariton, Iowa.	52.50
3.	M. E. Spiker, Chariton, Iowa.	45.00
4.	M. E. Spiker, Chariton, Iowa.	52.50
5.	Chas. Miller, Chariton, Iowa.	47.50
6.	A. P. Alsin, Boone, Iowa.	52.50
7.	E. G. Spiker .....	38.00
8.	Perfection Chief Stock Company, Maryville, Mo.	65.00
9.	Hanks & Bishop, New London, Iowa.	167.50
10.	Fred Kraschel & Son, Macon, Ill.	175.00
11.	A. L. & U. S. G. Lynch, Mt. Airy, Iowa.	135.00
12.	W. E. Roby, Truro, Iowa.	41.00
13.	W. B. Schrock, Chariton, Iowa.	36.00
14.	Frank Laird, York, Neb.	165.00
15.	McNeill Bros., Bowen, Ill.	90.00
16.	Vaocice & Allen, Russell, Iowa.	105.00
17.	W. A. Rankin, Carson, Iowa.	157.50
18.	Grant White, Afton, Iowa.	62.50
19.	Sheldon Bros., Shannon City, Ia.	50.00



THE greatest engine proposition ever offered to the readers of The Homestead. - We build a complete line of stationary, pumping and portable engines from 2 to 30 H. P. Also hay stackers and rakes, power and sweep mills, thrashing machines. If your dealer doesn't handle our goods, write us direct.

CASCADEN-VAUGHAN CO., - - WATERLOO, IOWA



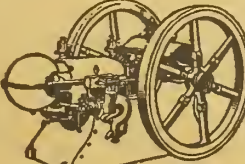
## GRADE YOUR GRAIN FOR BIGGER CROPS

Actual results prove that graded grain yields from 5 to 15 bushels more per acre. It is more proof against rust and smut, of better quality and brings higher prices. No farmer should be without the

### LITTLE STAR COMBINED CORN SORTER, GRAIN GRADER AND GRASS SEED CLEANER

It has 7 riddles, 4 double wire screens, making double the screen surface for its size of any other machine of its kind. It does the work of Three machines but sells for the price of one. It cleans, separates and grades any kind of seed or mixture of any 4 similar seeds all at the same time. Does perfectly all seed work for a 160 acre farm. Pays for itself annually on every 20 acres. Price freight paid, \$19.95. Order today.

HALL GRAIN GRADER CO., 224 Locust St., Winfield, IOWA.



## Lightning Gasoline Engine

STATIONARY AND PORTABLE 2 TO 25 H. P.  
NEW PLAN FOR COOLING CYLINDER.  
REDUCES WATER TANK TO A FEW GALLONS.  
SEND FOR CATALOG. SPECIAL FARM ENGINES.

ECLIPSE HAY PRESS CO., 621 Mill St., Kansas City, Mo.

20	Geo. Miller, Chariton, Iowa.	87.50
21	W. C. Orendorf, New London, Ia.	67.50
22	L. Vannice, Russell, Iowa.	33.00
23	H. P. Clore, Norwood, Iowa.	34.00
24	Geo. W. Trone, Rushville, Ill.	40.00
25	H. P. Clore .....	36.00
26	Same .....	52.50
27	F. H. Crouse, Dike, Iowa.	46.00
28	C. M. Brown, Derby, Iowa.	41.00
29	R. W. King .....	72.00
30	C. M. Dewey, Shannon City, Ia.	47.50
31	W. M. Brown, Weldon, Iowa.	34.00
32	L. H. Roberts, Paton, Iowa.	50.00
33	R. J. Harding, Macedonia, Iowa.	40.00
34	Sheldon Bros.	50.00
35	E. D. Michael, Selma, Iowa.	37.00
36	Same .....	41.00
37	Same .....	41.00

#### W. J. Crow's Poland Sale.

Mr. W. J. Crow, of Webb, Iowa, a breeder of the big Polands in the northwestern part of the state sold forty-five head of sows and gilts to a very appreciative crowd of local buyers and many from a distance. Mr. William Meeker, of Spencer, Iowa, made the high bid and took number 294 for \$87.50. The lowest price was \$40, so it will be seen that the prices ruled steady indeed. Mr. Crow has the type of hog with a deal of stretch and bone and those looking for a good boar should keep their eyes open for his boar sale announcements next fall. The appended list shows the run of prices, of those selling at \$50 or over:

Lot.		Price.
Daisy Hart, Wm. Mencer, Spencer, Iowa		\$ 85.00
288 S. L. Cowan, Havelock, Iowa.		50.00
309 O. B. Knudtson, Linn Grove, Iowa		80.00
332 M. G. Caskey, Rembrandt, Iowa		70.00
290 Same .....		62.50
Good Tip, Wm. Mencer .....		62.50
303 Lamont Lee, Sac City, Iowa.		60.00
292 U. G. Covell, Rossie, Iowa.		50.00
297 O. B. Knudtson .....		72.50
289 J. B. Phillips, Linn Grove, Ia.		50.00
308 Wm. Mencer .....		67.50
304 John Brown, Marathon, Iowa.		52.50
283 Lamont Lee .....		55.00
281 John Brown .....		67.50
284 Mr. Wintersteen, Cherokee, Ia.		52.50
294 Wm. Mencer .....		87.50
296 John Brown .....		52.50
317 D. H. Snyder, Sac City, Iowa.		55.00
316 Mr. Wintersteen .....		52.50
282 Geo. Brown, Sioux Rapids, Ia.		52.50
301 A. W. Hendricks, Sac City, Ia.		55.00
286 S. H. Fields, Marathon, Iowa.		52.50
310 Fred Eevers, Sac City, Iowa.		55.00
291 Fitzgerald Bros., Varina, Ia.		52.50
300 Oscar Hesla, Rembrandt, Ia.		67.50
305 N. Myer, Jeffers, Minn.		55.00
321 Lamont Lee .....		66.00
322 Same .....		66.00
329 Same .....		66.00
331 Same .....		66.00

307	M. P. Hancher, Rolfe, Iowa.	62.50
318	D. H. Snyder, Sac City, Iowa.	55.00
327	C. L. Platt, Carroll, Iowa.	57.50

#### SUMMARY.

45 sows ... \$2,614.00; average ... \$57.10

#### F. M. Erschen's Duroc Sale.

One of the best buyers of Durocs this year was Mr. F. M. Erschen, of Odell, Ill., but the breeders were slow to appreciate his sale held on February 21st. Bargains were secured by those present. Messrs. Deal & Schweizer, of Elwood, Ill., topped the sale, paying \$97.50 for a daughter of Kan't Be Beat, bred to W. & F.'s Col., one of the good sons of C. E.'s Col. Mr. H. E. Browning was the contesting bidder. Colonels Reppert & McGowan conducted the sale in their usual good way and worked hard to secure fair prices for stock offered. An average of \$30 was made on forty head. A partial list of sales follows:

Lot.		Price.
1.	Joe Legner, Odell, Ill.	\$30.00
2.	J. M. & W. T. Gatton, Springfield, Ill.	35.00
6.	Jas. Murphy, Odell, Ill.	27.50
8.	John Meiseo, Odell, Ill.	29.00
9.	H. B. Griffiths, Bowen, Ill.	36.00
10.	Geo. W. Seckman, Mt. Sterling, Ill.	35.00
11.	Joe Legner .....	26.00
12.	C. R. Sowers, Piper City, Ill.	52.00
16.	M. F. Cleary, Odell, Ill.	22.00
18.	Fred Gernatz, Odell, Ill.	26.00
22.	Jas. Murphy, Odell, Ill.	27.00
23.	Chas. Magrey, Decatur, Ind.	29.50
24.	Geo. Nanno, Fairbury, Ill.	29.00
26.	M. F. Cleary .....	26.00
40.	Extra, Deal, Schweizer & Nortou, Elwood, Ill.	97.50
36.	Extra, H. E. Browning, Hersman, Ill.	75.00
37.	Jas. Murphy .....	31.00
43.	Jas. McCabe, Hersman, Ill.	30.00

#### W. A. Foster's Duroc Jersey Sow Sale.

Mr. W. A. Foster made a record-breaking sale from the standpoint of time, February 15th, at Greenfield, Iowa. In just one hour from the time of starting the sale, Col. H. S. Duncan sold thirty-seven head of Duroc Jersey sows making an average of \$31. A number of late bred stuff reduced the average materially; however, the offering made a good impression and the top price was \$75, paid by Messrs. Sexsmith & Strong, for a Crimson Wonder I Am gilt. The two latter sisters sold for \$50 and \$47.50, respectively:

Lot.		Price.
1	Sexsmith & Strong, Greenfield, Iowa	\$ 75.00
0	C. W. Mathes, Bridgewater, Ia.	50.00
00	E. D. Harris, Fontanelle, Iowa.	47.50
2	C. W. Mathes .....	31.00
3	J. M. Adams, Greenfield, Iowa.	41.00



4	Ade Kuhns, Greenfield, Iowa...	41.00
5	E. D. Harris .....	30.00
6	C. W. Mathes .....	28.00
7	Same .....	33.00
8	John Holste, Mascena, Iowa...	25.00
11	Sexsmith & Strong .....	40.00
13	P. E. Beaman, Dexter, Iowa...	26.00
15	A. E. Grey, Greenfield, Iowa...	26.00
27	H. M. Moore, Orient, Iowa...	50.00
31	P. Kuhns, Greenfield, Iowa...	40.00
32	W. Krammer, Greenfield, Iowa...	37.00
33	Martin & Don Carlos, Greenfield, Iowa...	30.00
34	Will Holiday, Greenfield, Iowa...	34.00
35	P. Kuhns .....	35.00
36	Same .....	37.00
37	C. W. Mathes .....	49.00

## M. A. McWilliams' Duroc Sale.

On February 22d a very splendid offering of breeding sows and gilts were put through the ring at the Sunnyside Farm. A cold and disagreeable day cut the home attendance down some. However, there was a good gathering of breeders and they were there for business, as a perusal of the list of purchasers will show. A very commendable feature was the absence of any booming. The top price was paid by Mr. J. A. Downs for Sunnyside Beauty. Colonel Lookingbill demonstrated good ability on the block and secured an average that crowded the \$40 mark.

Lot.		Price.
1.	A. M. Justice, Denison, Iowa...	\$46.00
2.	S. O. Larson, Stratford, Iowa...	33.00
3.	John Wilkins, Correctionville, Ia.	40.00
4.	S. O. Larson .....	44.00
5.	S. G. Collicot, Lake City, Iowa...	55.00
6.	James Williams, Marcus, Iowa...	50.00
7.	John Frahm, Kiron, Iowa...	42.00
8.	A. M. Justice .....	51.00
9.	J. A. Downs, Glidden, Iowa...	42.00
10.	James Williams .....	51.00
11.	Sidney Jobe, Denison, Iowa...	37.00
13.	J. A. Downs .....	100.00
14.	H. Christiansen, Wall Lake, Ia.	28.00
15.	D. Sheedicker, Lake View, Iowa...	35.00
17.	S. G. Collicot .....	45.00
17.	F. L. Holdrege, Early, Iowa...	35.00
20.	Geo. Mauer, Wall Lake, Iowa...	36.00

## Sanstead Makes \$51 Average.

The sale of Duroc Jersey bred sows made by Mr. Wm. Sanstead, at Holdrege, Neb., on February 25th, was very successful considering the fact that this was the first sale ever made by this young breeder. A good crowd of breeders and farmers were present and the best stuff in the sale was snapped up at good prices. Messrs. A. A. & Geo. Karschner, of Wilcox, Neb., topped the sale, paying \$325 for a granddaughter of Van's Perfection, that is surely one of the good sows sold this year. Mr. Sanstead has been a buyer of some of the best stuff sold anywhere this year and a bright future is expected for this young breeder in this business. Below is a list of those selling above \$40:

Lot.		Price.
0.	A. A. & Geo. Karschner, Wilcox, Neb.	\$325.00
1.	Hopkins Bros., Atlanta, Neb.	115.00
2.	H. L. Staat, Holdrege, Neb.	65.00
3.	Same .....	52.50
4.	Same .....	67.50
5.	E. C. Gwinner .....	70.00
10.	A. W. Pioreen, Funk, Neb.	42.00

## Revised Version of B. W. Hale's Sale Report.

Our attention is called to the fact that in making up the list of buyers at the Duroc Jersey sale of Mr. B. W. Hale, of Laddonia, Mo., February 14th, we misplaced the honor of topping the sale and should have given it to Dr. J. Jay Boyd, of Reeds, Mo., who paid \$115 for No. 2, a sow sired by the famous Buddy K. IV.

**THIS ON TRIAL FREE**

**MILL**

We'd like to tell you how we send our "Corn Belt" Feed Mills on 20 days trial free, and why it's the mill for you to buy. This is the one mill you'll like better the longer you use it. 20 days gives you time to see how it works—how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep, and power mills.

**Spartan Mfg. Co.**  
282 Chambers St.,  
Salem, Ill.



## FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

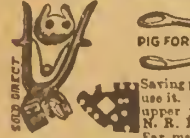

This machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE.

Blandinsville, Illinois

**Sell 10% More Hogs and Sheep**

BY USING OUR

Saving pigs and lambs; any one can use it. Hog Holder holds any size (around upper jaw, hand above) with two fingers. N. R. Hog Tamer stops rooting all sizes. For marks and numbers all stock. Price: Forc and Holder, \$1.00; Tamer and Marker, \$1.00, or both \$1.75, guaranteed and postpaid. W. L. Short Mfg. Co., Quincy, Ill.

## ANCHOR FIRE INSURANCE CO.

BEST terms for farmers ever offered. Capital stock \$100,000. Address, J. S. Clark, president, Des Moines, Iowa.

## OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

## Something About Breeds.

To the Editor of The Homestead:

In sheep as well as in all other classes of live stock there is found a good many different breeds. These breeds have been developed because of certain peculiar environments found in the home regions of the breeds, each region differing enough from the others to demand a type of animal suited to the local conditions. But while there have been a good many breeds developed, each distinct from the other, we find that mutton breeds can be separated into three general groups, each group being comprised of several breeds. This classification may be made from two different standpoints, the length of wool or the topography of the country which was the original home of the breed. We shall in this article consider only the latter according to which the breeds are classed as Lowland, Highland and Down breeds.

It may be well to state here that practically all the mutton breeds, with one or two exceptions, originated in England. The Lowland breeds include the Lincolns, Liecesters and Cotswolds, while the Down breeds are Shropshires, Hampshires, Suffolks, Oxfords, Southdowns and Dorset Horn, and the Black-faced Highlands and Cheviots represent the Highland breeds. Sometimes the Cheviot is included with the Down breeds rather than the Highland.

Now the importance of knowing something of the origin of a breed and to what class it belongs is that it helps the farmer to choose a breed adapted to his location. The Highland breed is the ruggedest type and will stand more exposure and rustling for feed, as such is the character of their natural environment. The Down breeds are native to the hill countries. In England the hills are called downs, the more rolling tracts as distinguished from the low-lying richer districts. It is in the latter where the greater abundance of feed was found that the larger, long-wooled breeds developed. In general, the Down breeds meet corn-belt conditions better than any other class; but we would advise anyone starting to keep good sheep, especially pure-bred stuff, to become familiar enough with the breed's history to know if it is best suited to his conditions, and also to determine the needs and requirements of that particular breed.

Story county, Iowa.

Ellis Rail.

## The Early Lamb at Birth.

To the Editor of The Homestead:

The critical time in the life of the early lamb is the time immediately following birth up until it gets its first milk. So it is very important that you be about just at this time to see that the lamb passes this crisis successfully. Ordinarily sheep require a minimum amount of care, but eternal watchfulness is the price of raising a good lamb crop. Shelter is necessary for the ewes, for chilling winds are death warrants to the newly born lamb, and these warrants are difficult of reversal. Provide a good warm shed or portion of the barn, from which all cold drafts are effectually stopped, but do not neglect proper ventilation. A shed with a partial opening to the south is very good if entirely tight elsewhere. A good scheme for temporary use is to bank up the sheds on the north and west with straw. A scant framework of old boards set up about the straw will serve to keep it in place.

It is scarcely needful to say that perfectly dry conditions inside the shed are imperative. The ewes should be restricted to the shed at night to prevent any restless one from going outside to lamb. If you will be sure of no loss the ewes should be visited hourly night and day. A longer time may be too late. When a lamb is first dropped it is best to leave it to the ewe's attention for a time. If she licks it clean and it is soon able to rise and find the teat, you may safely leave it; but if the ewe is restless and does not give the lamb her attention, you had best take it in hand soon. Wipe it dry with a brisk motion, using a dry, rough cloth, and then give it to the ewe. It may take lots of patience and much effort

perhaps at first, but if you haven't patience you've little business with sheep. Perseverance will win and save the lamb.

If the mother is unmanageable, take the lamb to some old ewe that is quiet and start the lamb on her. If it is too weak to suck, milk a little down its throat. You may utilize the old cow for the same purpose, though only a small amount of cow's milk should be given as some sheepmen have experienced some trouble in this. The writer has tried it often without any trouble. The main things are to get the lamb dry, get some milk into it soon, and protect it from the cold winds for a few hours. Close and prompt attention will produce the right results.

Subscriber.

## The Ewe After Lambing.

To the Editor of The Homestead:

The care of the ewe immediately following parturition, and the few weeks following is of much importance both to the ewe and the lamb. It is much the best method to separate the ewe with a young lamb from the rest of the flock for a time, though with many this is not always practicable. It should be made possible, however, to keep the ewes with lambs apart from those still to lamb. Comfortable shelter from cold and storms, particularly the latter, are of course necessary; but perhaps the feed of the ewe is most important now.

Sheep are ruminants and not naturally accustomed to concentrated feeds, such as grain, while they also have delicate digestive organs. Both the facts need to be remembered in feeding the ewe at this time. First of all, do not change the feed abruptly. If she has been having plenty of clover or alfalfa hay, and corn stover with a little grain, this may be continued right along. After a day or two begin feeding wheat bran, increasing it gradually for a week. By this time the lamb will be old enough to require considerable milk and the ewe may now be brought to full milk flow. Some breeders recommend beginning with chopped corn or barley and a little oil meal mixed with the bran after the first week, increasing the amount fed, gradually, until a pound per day is given. The proportions for mixing are one hundred pounds chopped corn, one hundred pounds bran, and twenty pounds oil meal. This will be a very good ration for farmers who have no oats, though oats may be substituted nicely for at least half the corn. Roots and some corn silage may be fed, too, though silage should not be fed without the grain and good hay. The hay should be clover or alfalfa. Plenty of pure water, together with such grain and roughage, should maintain the ewe nicely and enable her to furnish an abundance of milk for her offspring.

Subscriber.

## Cough and Its Causes.

To the Editor of The Homestead:

One of your subscribers writes:

What is the cause of sheep getting a cough, and what must I do to cure them?

There are several ailments of sheep which will cause the animal to cough more or less. These diseases principally affect the breathing organs of the animal—lungs, bronchial tubes, trachea, and pleurisy or inflammation of the pleura is also accompanied by a cough. The most common cause of coughing is probably a mild form of bronchitis, which is an inflammation of the larger bronchial tubes. Stewart describes it as akin to sore throat carried much farther down. It is generally caused by exposure to cold rains after warm weather, or very sudden changes in the weather may cause it. The same things may cause a catarrh or cold in the head which will produce coughing. The sheep should be sufficiently protected from changeable weather and a warm linseed mash fed a few times will be beneficial. Some authorities also recommend a few doses of a mixture of sweet spirits of niter, tincture of aconite, and chlorate of potash fed in a gruel. Sometimes the irritation of the bronchial tubes is caused by parasitic worms known as "Strongylus filaria." In this case it is difficult to eradicate the cough. Liberal feeding, with the addition of condition powder made up of iron sulphate, gentian and common salt, will be the best plan to pursue.

Subscriber.

## BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new

## SHEEP.

## Ewes for Sale

THE Iowa State College is offering twenty Shropshire, Oxford and Southdown ewes for sale at very moderate prices. Address,

**DIVISION OF AGRICULTURE,**  
**AMES, IOWA.**

## CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

CHANDLER BROS., Kellerton, Iowa

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

FOR SALE, 500 grade ewes from two to six years old, mostly all black face and all supposed to be bred. First come, first served. W. H. Webb, Spencer, Ia.

Registered Shropshire Rams and Ewes  
OF the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

15 Registered Shropshire ewes, bred to imported Mutton ram. W. C. Frazier, Atlantic, Cass county, Iowa.

towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## THE MARKETS.

March 2.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., Feb. 23...	144	21	13,109	131
Mon., Feb. 25...	27,646	717	48,083	25,384
Tues., Feb. 26...	2,945	2,294	20,105	8,246
Wed., Feb. 27...	19,103	1,916	31,898	16,281
Thurs., Feb. 28...	6,259	1,297	28,945	13,654
Fri., March 1...	1,528	268	28,671	5,035
Sat., March 2...	100	10	12,000	1,000
Total this w.k.	57,581	6,502	169,702	69,537
Previous week	61,826	5,632	161,169	82,518
Cor. week 1906	61,519	5,061	164,623	92,933
Cor. week 1905	69,296	6,124	178,077	73,400

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., Feb. 23...	698	...	4,374	1,079
Mon., Feb. 25...	7,939	...	15,855	3,999
Tues., Feb. 26...	3,930	111	9,567	1,412
Wed., Feb. 27...	6,100	92	7,790	3,085
Thurs., Feb. 28...	5,375	13	6,288	5,457
Fri., March 1...	3,852	101	6,534	3,702
Sat., March 2...	500	...	2,000	500
Total this w.k.	27,696	317	48,034	18,155
Previous week	29,118	292	34,048	17,298
Cor. week 1906	28,785	154	51,461	29,199
Cor. week 1905	32,191	327	62,953	19,996

## OTHER MARKETS.

St. Joseph, Mo., March 2.—Cattle—Receipts, 100; steady. Hogs—Receipts, 3,600; steady; closed weak to 5c lower; top, \$6.92½; bulk, \$6.80 to \$6.87½. Sheep—Receipts, 500; strong.

National Stock Yards, Ill., March 2.—Cattle—Receipts, 400, including 300 Texas; nominal. Hogs—Receipts, 3,500; 5@10c lower; top, \$7.00; bulk, \$6.85 to \$6.95. Sheep—Receipts, 300; steady.

Sioux City, Iowa, March 2.—Hogs—Receipts, 3,500; 5@10c lower; top, \$6.80; bulk, \$6.65 to \$6.70. Cattle—Receipts, 200; steady.

South Omaha, Neb., March 2.—Cattle—Receipts, 200; unchanged. Hogs—Receipts, 7,000; 5@10c lower; top, \$6.82½; bulk, \$6.75 to \$6.80. Sheep—Receipts, 500; steady.

Kansas City, Mo., March 2.—Cattle—Receipts, 600; nominal. Hogs—Receipts, 2,500; 5@7½c lower; top, \$6.95; bulk, \$6.85 to \$6.90. Sheep—Receipts, 200; nominal.

## HAY.

Messrs. Freeman Bros. & Co., commission merchants, of Chicago, Ill., write:

Timothy—Market firm and well maintained, owing to small arrivals. Rain all day prevented much business, but offerings are meager and everything indicates that favorable market awaits the early arrivals. In spite of embargoes considerable hay is filtering through somehow or some way, for were these "embargoes" at right, hay would necessarily sell much higher. Choice and fancy, \$17@18; No. 1, \$16@17; No. 2, \$15@15.50; No. 3, \$13@14.

Prairie—Choice Kansas, Indian Territory, \$13.50@14; No. 1, \$13@13.50; Minnesota, Nebraska, Iowa, \$11@12; Illinois, Indiana, Wisconsin, \$9@10; packing, \$7.50@8.

Straw—Market substantially bare and the little arriving finding quick sale at good prices. Sound, bright straw is wanted and meets a firm and strong market. Choice rye straw, \$9.50; good, \$9; wheat and oat, \$7.50.

## CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



## IN AND AROUND WISCONSIN.

In a sixty-day test just completed under the supervision of the state experiment station a Holstein-Friesian cow owned by W. J. Gillette, has broken the world's butter record by forty pounds. The official test shows 5326.7 pounds of milk and 260.5 pounds of butter. The test was commenced on the fifth day of the lactation period. The best day's yield of milk was 106 pounds and of butter 5.74 pounds.

Chicago's greatest soap maker, James A. Kirk, died last week at his home on Pine Lake near Hartland. This was his country home and it was built at a cost of \$250,000.

Sparks from a steam engine used in operating a feed cutter started a fire that destroyed \$3,500 worth of farm buildings on the farm of Anton Novoy, Kellnersville, Wis.

Two Indians, camping on a branch of the Chippewa near Eau Claire, started out on the war path after having filled up with fire water. They nearly killed a squaw, but were taken into custody before doing any further depredations.

It is rumored that the Western Hay Tool Company, of Ottumwa, Iowa, is to be moved to some Wisconsin city, possibly LaCrosse. The interests of this company have been purchased by the LaCrosse Plow Company and others.

Floods caused by the rising of the river are working havoc in southeastern Minnesota. Hundreds of tons of hay stored on bottom lands have been ruined, and farmers are moving their stock to places of safety. All roads in the valley are inundated and rural mail carriers have ceased to deliver mail.

Minnesota and Wisconsin lumber camps are short on oats for feed. The situation in oats throughout the North and West has not been so strong in years, and it is probable that a large acreage will be put in this spring.

According to official reports filed with the county auditor the last expedition sent out to capture Dietz, "the outlaw of Cameron Dam," in July, 1906, cost the county nearly \$1,500. The sheriff's expenses in traveling and getting the men who accompanied him made up over half of that amount.

It is reported that certain large railway systems passing through the state have decided to abandon improvements in the line of extensions into new territory. Railroad promoters believe that the present high tide of prosperity will not continue much longer, and they think that it is a good time to be prudent in their ventures.

At a recent meeting of the Wisconsin Consumers' League Convention it was commonly stated that Wisconsin is far ahead of other states in the enforce-

ment of its child labor laws and in stamping out the evils of child labor, sweat shops and unsanitary tenement conditions. The need of local pure food committees was especially recommended, as it was contended that the recent scarlet fever epidemic at Chicago was largely due to the infection from Wisconsin milk depots.

Racine farmers and good roads people are seriously agitated over a question of road making. The question under discussion is whether or not the Good Roads association can force the authorities of Mt. Pleasant township to submit to a vote of the electors the question of macadamizing sixteen miles of its highways, at a cost of \$96,000. It is claimed by some that if the town was bonded for the amount it would result in the confiscation of certain farm lands.

The Southeastern Minnesota and Wisconsin Bee Keepers' Association recently held a very interesting meeting at Winona, Minn. A good program was rendered, including an address by President W. K. Bates. The scarcity of the output of honey during the last two years, it is claimed, was due to wet seasons.

A very enthusiastic meeting of Southern Wisconsin Cheese Makers was held at Monroe last week. A number of very stirring addresses were given and the prospects for the cheese factory discussed by different members. President Luchsinger delivered his annual address in which he laid particular stress on the necessity for a good strong association. The session was one of the most largely attended and successful in the history of the association.

"Rural Highways of Wisconsin" is the title of Bulletin 18 just issued by the Wisconsin Geological and Natural History Survey. The treatise deals with the subject of building and maintaining rural roads and is very thorough in every part. Every farmer interested in the road problem may obtain a copy by sending ten cents to the Wisconsin Geological and Natural History Survey, Madison, Wis.

## MEASURING HAY.

The following communication has been received from Mr. George E. Barkdoll, Jr., of Benton county, Iowa:

I notice that one of your subscribers asks for a rule to measure hay. Here is mine: First find the distance from the ground on one side up over the stack to the ground on the other side, then measure the width of the stack at the base. Now add these two numbers together and divide by four, and the result will be the number of square feet in the end. Square this number, or, in other words, multiply the number by itself, and then multiply the result by the length of the whole stack. This gives you your answer in cubic feet, then divide by 512, which is the number of cubic feet in a ton. Where the stack is very high or when it is well packed in a barn, divide in the last instance by 343, because that number of feet will make a ton.

A number of other subscribers have submitted practically the same rule,

COMBINATION  
POLAND CHINA SALE

J. T. Elerbeck and C. A. Lewis will hold a combination sale at the farm of J. T. Elerbeck, two miles south and one-half mile east of

**Beatrice, Neb., Thursday, March 14, '07**

## 30---BRED SOWS AND GILTS---30

From two of the leading herds in the State of Nebraska. We have spared neither time nor money to make this by far the best offering we have ever put before the public.

**GUARANTEE.** All of these sows are guaranteed to be safe in pig and if not so we will rebreed free of charge to either herd boar out of the herd from which it has been purchased.

All hogs sold to be shipped will be crated and delivered to express company free of charge.

**TERMS.** Cash or bankable notes. Entertainment: Breeders will be entertained at the Butler Hotel.

Sale to begin at 1 o'clock p. m. Free lunch at noon. We want you to attend this sale in person if possible. If you cannot attend, send your bids in our care to our auctioneers or newspaper representatives.

## J. T. ELERBECK &amp; C. A. LEWIS

Auctioneers: { COL. WARREN IRVIN, GEO. HILL, PRICE YOUNG,  
COL. JAMES LEARY. Clerk of Sale. Shipping Clerk.

though there is a little difference of opinion as to the number of cubic feet in a ton. A subscriber from Lamoni, Iowa, says that on the average it requires 422 cubic feet to make a ton of hay.

In the case of well settled hay a seven-foot cube—that is, seven feet each way—will make a ton; if it is partly settled, seven and a half feet, and if newly put in the stack or mow it will generally require an eight-foot cube to make a ton, which would be 512 cubic feet.

## The Elerbeck-Lewis Poland Sale.

Special attention is directed to the combination Poland China sale of Mr. J. T. Elerbeck and Mr. C. Lewis, which will be held at the farm of the former, two miles south of Beatrice, Neb., on Thursday, March 14th. On that date thirty bred sows and gilts from these two great herds will be offered. Neither time nor money has been spared in the building up of these herds, and we believe that the occasion is one to attract the attention of Poland breeders throughout the entire corn belt. Every sow in the sale is guaranteed to be safe in pig and if not, she will be rebred free of charge to the herd boar of the herd from which she has come. The two herds represented in this sale have not been built up in a day, but have resulted from years of skillful breeding and feeding. The individuals offered have scale and quality and they have the breeding that is as good as the very best. The sale date is close at hand and catalog should be applied for at once. Bids may be sent to either of the proprietors or to the auctioneers, Colonels Warren Irvin and Jas. Leary, in care of either Mr. Elerbeck or Mr. Lewis.

## The W. W. Wheeler Poland Sale.

The W. W. Wheeler sale of Mastodon Poland Chinas held at Harlan, Iowa, February 27th, attracted breeders from Iowa, Illinois, Missouri, Kansas and Nebraska. In addition to the large number of breeders present, there were 416 mail bids. The sale pavilion at Harlan was taxed to the

limit of its capacity and every man present was there to get some of the Wheeler kind. The top of the sale was \$262.50 and the average on the total number sold was \$92.71. Prof. C. F. Curtiss, of the agricultural college, Ames, Iowa, secured Lot 12 for the college herd. Mr. Wm. Lentz, of Ankeny, Iowa, took the top-priced sow, Corwin's Beauty, a daughter of Empire Chief, while Messrs. Schain & Keep, of Atlantic, Iowa, paid \$250 for Lot 8 and \$180 for Lot 18. Men who believe in the raising of the big Poland Chinas could be heard on every hand to say that Mr. Wheeler's offering was one of the most remarkable, considering the combination of size and quality, that has ever been made in the state. Colonel Duncan did the selling, and his part in this successful event was performed with credit to himself and with great satisfaction to buyers as well as to Mr. Wheeler. The following is a list of the sales made:

Lot.	Price.
1 Countess 250948, Wm. McKeever, Hubbell, Neb. ....	\$115.00
2 Lady Tecumseh 2d 242072, G. W. Cranny, Walnut, Iowa. ....	80.00
3 Corwin's Beauty 219876, Wm. Lentz, Ankeny, Iowa. ....	262.50
4 Orange Maid 6th 232964, C. J. Hickson, Meadow Grove, Neb. ....	112.50
5 Lady Spot 262530, Wm. Lentz. ....	114.00
6 Crocus 250946, Chas. A. Rold, Harlan, Iowa. ....	132.00
7 Daisy 202398, H. B. Moats & Son, Valisca, Iowa. ....	112.50
8 Lady Tecumseh 1st 242070, Schain & Keep, Atlantic, Iowa. ....	250.00
9 Lady Mastodon 20th, Mrs. J. D. Spangler, Sharon, Kan. ....	125.00
10 Lady Mastodon 26th, D. A. Moats, Polo, Mo. ....	75.00
11 Lady Mastodon 24th, Wm. McKeever. ....	150.00
12 Lady Mastodon 25th, C. F. Curtiss, Ames, Iowa. ....	140.00
13 Lady Mastodon 23d, Wm. Bales, Allen, Neb. ....	120.00
14 Lady Mastodon 46th, Dawson & Son, Endicott, Neb. ....	102.50
15 Lady Mastodon 47th, J. H. Seid, Nemaha, Neb. ....	67.50
16 Lady Mastodon 56th, L. B. Williams, Corning, Iowa. ....	62.50
17 Lady Mastodon 48th, Chas. Lahr, Harlan, Iowa. ....	51.00
18 Lady Mastodon 49th, Schain & Keep, Atlantic, Iowa. ....	180.00
19 Lady Mastodon 71st, Geo. H. Miller, Harlan, Iowa. ....	60.00
20 Lady Mastodon 50th, J. Copple, Bancroft, Neb. ....	60.00
21 Lady Mastodon 43d, T. J. Marshall, Greenwood, Neb. ....	51.00
22 Lady Mastodon 44th, James Cockerton, Whiting, Iowa. ....	70.00
23 Lady Mastodon 45th, H. S. Clark, Logan, Iowa. ....	52.00
24 Lady Mastodon 40th, Geo. H. Miller. ....	53.00
25 Lady Mastodon 41st, J. D. Spangler, Sharon, Kan. ....	110.00
26 Lady Mastodon 42d, Schain & Keep. ....	85.00
27 Lady Mastodon 34th, R. L. Ray, Walnut, Iowa. ....	65.00
28 Lady Mastodon 35th, J. H. Stream, Bancroft, Neb. ....	57.00
29 Lady Mastodon 36th, H. H. Fay, Epworth, Iowa. ....	75.00
30 Lady Mastodon 37th, D. E. Lamson, Big Rock, Ill. ....	77.50
31 Lady Mastodon 38th, W. W. Naylor, Waldron, Mo. ....	75.00
32 Lady Mastodon 39th, F. M. Philson, Harlan, Iowa. ....	55.00
33 Lady Mastodon 21st, Schain & Keep. ....	70.00
34 Lady Mastodon 22d, Lee F. Neubauer, Portsmouth, Iowa. ....	62.50
35 Lady Mastodon 30th, F. D. Morgan, Clarinda, Iowa. ....	80.00
36 Lady Mastodon 31st, Dawson & Son. ....	80.00
37 Lady Mastodon 26th, Ray Kevan, Harlan, Iowa. ....	74.00
38 Lady Mastodon 27th, W. H. Creswell, Cedarville, Ohio. ....	75.00
39 Lady Mastodon 29th, C. J. Hickson. ....	125.00
40 Lady Mastodon 32d, J. D. Spangler. ....	90.00
41 Lady Mastodon 33d, J. Cockerton. ....	57.50
42 Lady Mastodon 51st, A. T. Smith, Hampton, Neb. ....	60.00
43 Lady Mastodon 52d, Schain & Keep. ....	61.00
44 Lady Mastodon 53d, Adolph Tordeson, Linwood, Kan. ....	50.00
45 Lady Mastodon 57th, Wm. Leffler, Hale, Mo. ....	85.00



The above is a good likeness of the great Short-horn herd bull, Laurel Knight 170762, owned by Mr. C. F. Shaffer, Wellman, Iowa. Mr. Shaffer is offering ten young bulls and a few choice heifers sired by this bull. See Mr. Shaffer's advertisement on page 45.



## Dates Claimed for Live Stock Sales.

**POLAND CHINAS.**  
Mar. 13, B. P. Whittington, Earlham, Iowa, at Redfield, Iowa.

**SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.**  
April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Kansas City, Mo.  
May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

**ABERDEEN ANGUS.**  
Mar. 12, 13, Hal T. Hooker, Mgr., Maryville, Mo., sale at Omaha, Neb.  
March 15, E. T. Rickard, Grinnell, Iowa.  
Mar. 19, Closing Out Sale, White Bros., Perry, Iowa.  
Mar. 20-21, Combination sale, Kansas City, Mo., M. A. Jody, Mgr.  
March 27, J. H. Eno, Havelock, Iowa.  
May 1, 2, Combination sale, Chicago, Ill., M. A. Jody, Mgr.  
May 23, C. J. Martin, Churdan, Iowa.  
April 3, T. A. Stevenson and S. G. Smith, Shannon City, Iowa.  
June 4, 5, Combination sale, Omaha, Neb., M. A. Jody, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Jody, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

**SHORT-HORNS.**  
Mar. 12, 13, C. R. Steele, Ireton, Iowa.  
March 13, Joint Breeders' Sale, Wm. Lessman and A. B. Clark, Wayne, Neb.  
March 14, W. M. McLemore, Kearney, Neb., at Edgar, Neb.  
March 14, A. Carrier & Son, Newton, Iowa.  
March 18, W. H. McLaughlin, Shelby, Iowa.  
Mar. 20, James Stack, Harvard, Neb.  
Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
Mar. 28, A. H. Brett, Mason City, Iowa.  
April 11, Combination Sale at Nevada, Iowa; E. R. Silliman, Mgr., Colo, Iowa.  
April 12, R. A. Coffey, Mgr., Savannah, Mo.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
May 22, R. H. Hadley, New Providence, Ia.  
April 30, M. T. Conner, Auburn, Neb.; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 19, N. P. Hargren, Vinton, Iowa.  
Oct. 16, L. B. Converse, Maryville, Mo.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

**HEREFORDS.**  
April 2, Geo. J. Anstey, Massena, Iowa, at South Omaha, Neb.  
April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, Mo. 3, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.

**POLAND CHINAS AND HEREFORDS.**  
March 12, Wm. Ray & Son, Defiance, Iowa.

**PERCHERONS.**  
March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

**PERCHERONS AND SHIRES.**  
April 2, Jas. A. & S. E. Niblo, Milan, Mo.

**PERCHERONS AND CLYDESDALES.**  
Mar. 28, A. H. Brett, Mason City, Iowa.

**SHIRE AND PERCHERON STALLIONS.**  
March 27, Trumans' Pioneer Stud Farm, Bushnell, Ill., at Kansas City, Mo.

**FIELD NOTES.**  
Mr. E. R. Silliman, of Colo, Iowa, announces a combination sale of Short-horns at the fair grounds at Nevada, Iowa, on April 11th.  
On April 30th Messrs. M. T. Conner, of Auburn, Neb., and S. Cochran, of South Auburn, Neb., will hold a public sale of Short-horn cattle at Auburn.  
A public sale of Aberdeen Angus cattle is announced to take place on April 3d by Messrs. T. A. Stevenson and S. G. Smith, of Shannon City, Iowa.  
Mr. W. A. Forsythe, of Greenwood, Mo., one of Missouri's progressive and reliable breeders of Short-horns, claims May 31st for a sale of Short-horns. The sale is to be held at his farm near Greenwood, Mo.  
The English Shire stallion, Mark 5696, sire Park Hero II., dam Silk and Satin by Marshland Active, is offered for sale by Mr. Fred Galliers, of Albia, Iowa, in an advertisement that appears on this page of The Homestead.  
Messrs. A. M. Avery & Sons, of Mason City, Iowa, are offering Short-horn bulls, bred Duroc Jersey gilts and Reid's Yellow Dent seed corn for sale in their advertisement that appears on page 41 of this issue of The Homestead.  
Mr. John Schmieder, of Remsen, Iowa, is offering some first-class Poland China brood sows, ready to farrow in a short time, for \$30 apiece. They are all right and you can depend on Mr. Schmieder as one of the breeders who will send you a good sow. Write him about these.  
Mr. John T. Graham, of Prairie City, Iowa, is offering the stallion, Sumner G. 32362, for sale in his advertisement on this page of this issue. This horse is a good individual, a sure breeder of good colts and will be sold cheap or will be exchanged for other live stock. For further information write Mr. Graham at the above address.  
Messrs. Rhea Bros., of Arlington, Neb., are offering a grand lot of Percheron stallions and mares for sale and at the most reasonable prices. If any of our readers want stallions or mares it will surely pay them to go and see the boys and their horses. They do their own selling and buying, and consequently can make a price on these that will defy competition.  
Suffolk fillies, and some corking good ones, are offered for sale by Messrs. Peter Hopley & Sons, of Lewis, Iowa. They also have some high-class Percheron, Shire, Belgain and German coach stallions for sale. They will take pleasure in showing you their horses and they will sell you as good bargains as you can get anywhere. They have stallions now in their barns that will weigh considerably over a ton. If you want that kind

pay them a visit and see what they are offering for sale.

Polled Durham bulls are offered for sale by the reliable firm of Messrs. James Wilson & Son, of Avoca, Iowa.

Mr. L. B. Converse, of Maryville, Mo., announces that he will hold a public sale of Short-horn cattle on October 16th. Sale to be held at South Omaha, Neb.

Messrs. L. H. Roberts & Son, of Paton, Iowa, write that they are all closed out of Duroc Jersey boars and sows. Their advertisement appears on page 43 of this issue.

Mr. W. E. Cutler, of Corydon, Iowa, has chosen June 8, 1907, as the date for a Short-horn sale. Mr. Cutler is well known as a breeder in southern Iowa, and we are certain that our readers will await future announcements of his sale with a great deal of pleasure and interest.

Mr. F. A. Kruse, of Waco, Neb., a well-known breeder of Duroc Jersey swine, reports to The Homestead that he is all sold out for this season, but that he wishes us to advise his fellow breeders that he will be with them again this next season with a fine line of Duroc Jerseys.

Mr. M. D. Yard, of Crawfordville, Iowa, in his advertisement that appears on page 43 of this issue, is offering some finely-bred Scotch Short-horn bulls for sale. He writes: "My herd is doing well on ordinary treatment, being fed mostly from the production of southeastern Iowa farms. They are nev-

## HOMESTEAD CARD NEXT THING TO A PUBLIC SALE.

BROUGHT BETTER RESULTS THAN ALL THE OTHER ADVERTISING MEDIUMS PUT TOGETHER.

Messrs. G. W. Way & Son, New Sharon, Iowa, proprietors of Oak Grove Stock Farm, breeders of registered Herefords and also of Chester White hogs, write under date of Feb. 26:

"Enclosed please find check in payment for our advertisement. Please let us know when our contract expires and how much space is left under it, as we do not want to let the advertisement stop. The Homestead has done us more good than all the other papers we have advertised in put together. It is the next thing to a public sale the way the people roll in here in answer to our ad in your paper."

er pampered and always have outdoor exercise and nearly always give good account of themselves in after years in usefulness. The bulls I am offering are a good, useful lot, and I confidently recommend them."

Mr. W. J. S. Taylor, of Homestead, Iowa, has four good Duroc males and five gilts yet for sale. They are out of a granddaughter of old Orion and the sire is a grandson of Orion. They are bred to Prond Advance 2d, a good son of Prond Advance. They will be priced worth the money. See advertisement on page 43.

A number of good Aberdeen Angus bulls are offered for sale by Messrs. R. Wilkinson & Son, of Mitchellville, Iowa, in their advertisement that appears on page 43 of this issue of The Homestead. These bulls are from fashionable families, Queen Mother, Erica and Drumin Lucy. They range in age from six months to two years.

Mr. W. A. Johnston, of Prairie City, Iowa, is offering King William 12782, registered French draft stallion, for sale in his advertisement that appears on this page of this issue of The Homestead. King William was foaled in June, 1899, and now weighs 1,800 pounds. Mr. Johnston also has some Scotch-topped bulls for which he is anxious to find purchasers.

Messrs. J. Z. Schueider & Son, of Letts, Iowa, have ten blocky Short-horn and Polled Durham bulls for sale as per advertisement on page 43 of this issue. These bulls range in age from six to twenty months and are sired by Orange Bud 35864 and Athenian Prince 1773. Messrs. Schneider & Son will make prices right in order to dispose of these animals quickly.

Messrs. McKeever Bros., breeders of Short-horn cattle, of Farley, Iowa, write: "We wish to report the sale of one of our best young bulls to Mr. Thomas Connell, of Farley, Iowa. We sold Mr. Connell a bull three years ago that proved a very satisfactory investment to him and we are confident the young bull we sold him last week will develop into a grand good one. We have seven bulls left, or serviceable age, and at the prices we are asking for them we are sure any man that wants a good bull will buy one from us if he will only come and look them over. Their sire weighs 2,400 pounds and is one of the best Cruickshank bulls to be found anywhere."

Mr. C. F. Shaffer, the old reliable breeder of Poland China hogs and Short-horn cattle, of Wellman, Iowa, writes that his Short-horn cattle and Poland China swine are coming through the winter in fine shape, and young calves are beginning to put in their appearance from such noted bulls as Scotland's Pride and Laurel Knight. Mr. Shaffer at present is offering eight head of young bulls for sale from eight to twelve months old. They are of the low-down, beefy, blocky kind, all deep reds in color. He is also offering a choice bunch of heifers of same ages. In Poland China trade has been brisk, having made sales recently of male pigs to Mr. Will Koenig, Washington, Iowa, and Mr. J. W. Greenwood, of Nixa, Iowa; fall male pigs to Mr. Cris Raub, Wellman, Iowa; Mr. Chas. Rickey, Wellman, Iowa; Mr. J. W. Lomax, Abingdon, Ill.; Mr. C. G. Smith, Victor, Iowa; Mr. Harry Kirschner, Barrington, Ill., and Mr. Phillip Rothenstein, Drakesville, Iowa; two bred gilts to Mr. Albert Von Bergen, of York, Neb., and one bred gilt to Mr. W. R. Smith, of Algonquin, Ill. He has 100 fall pigs bred to six months old, the best lot he ever had. He is selling these pigs at farmers' prices in order to make room for his spring crop of pigs. They have nice, fine black coats of hair, are of good length, heavy bone, broad, wide backs, well hammed down

## TOO LATE TO CLASSIFY.

## BUDDY K. IV HIGHEST PRICED DUROC BOAR ... EVER SOLD AT AUCTION....

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

McNEIL BROTHERS,

BOWEN, ILL.

## AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

Where now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

to hock. Will weigh 100 to 125 pounds and are sired by Mr. Shaffer's two great herd boars. Write for prices, etc. See advertisement on page 45.

We wish to announce to those interested in good Percheron horses that Mr. E. C. Gwinner, of Holdrege, Neb., has two fine Percheron mares that he will price at a reasonable figure if taken at once. They are both registered and are royally bred, both safe in foal to an imported ton stallion. They will weigh right at 1,900 pounds; are jet black and have proven themselves good brood mares. Mr. Gwinner, writes: "I also have a good stallion colt that I will price to anyone looking for something of this kind. This colt is by Casino 27830,

## Two Percheron Mares and One Good Stallion For Sale.

I HAVE two good Percheron mares that I will price right if taken at once. They are richly bred and are safe in foal to an imported ton stallion. They are jet black and will weigh right at 1,900 lbs. I also have a fine two-year-old stallion colt by Casino 27830 first prize and champion at World's Fair in 1904. Write me for particulars.

E. C. GWINNER, Holdrege, Neb.

## FOR SALE AT A BARGAIN

KING WILLIAM 12782.

Registered French Draft Stallion. Foaled June 1899. Weight 1,800; also have some Scotch top bulls for sale. W. A. JOHNSTON, Prairie City, Iowa.

**For Sale or Trade** The Great Stallion, Sumner G. No. 32,362, Standard and Registered Weight 1,300. A good individual, a sure breeder of good colts. For sale cheap or will exchange for other livestock. Address JOHN T. GRAHAM, : Prairie City, Iowa.

## FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.

H. B. GRIFFITHS, Bowen, Ill.

**STALLION** English shire, Mark 5696, sire Park Hero II. (1012) dam Silk and Satin (Vol. V111) by Marshland Active (181) color bay, weighs 2100 lbs. Will sell right. 10 years old. Fred Galliers, Albia, Ia.

Company at New York, Chicago, Philadelphia, Cleveland, Cincinnati, Boston, St. Louis, Allegheny, Kansas City, New Orleans or Minneapolis. See advertisement on page 22.

## SUCCESSFUL WITH BONE SPAIN.

Mr. W. A. Wallace, of New Boston, Mo., writes the Lawrence-Williams Company, of Cleveland, Ohio, under date of Jan. 28, 1905, as follows: "I think that your Gombault's Caustic Balm is the best I ever used. I cured a bone spavin on a mare of mine over a year ago and she has not been lame since, and there is no scar or blemish. I am using it now on a caloused lump. I think it is doing good." See advertisement on page 20.

## A FARMER INVESTIGATES THE FALFURRIAS DISTRICT OF THE GULF COAST COUNTRY—READ HIS REPORT ABOUT IT.

No doubt many of our readers have been watching with interest the articles and advertisements, which have appeared in recent issues regarding the Falfurrias district of the gulf coast country of Texas. The Falfurrias country certainly ought to interest the northern farmer who wishes to better his condition. The facts are, however, that it is very hard for the farmer who has not investigated this wonderful country to believe the statements about the immense profits which are being made by the farmers of the Falfurrias district. Nevertheless these statements are absolutely true, and those who visit the country find it so. Below we reproduce a letter from Mr. C. A. Sarver, of Garland, Wyo., who was sent from Wyoming to investigate the Falfurrias lands for a number of farmers who wished to move to a country where the climate was better and where more money could be made from their land. Mr. Sarver writes as follows: "Garland, Wyo., Feb. 21, 1907. Mr. G. R. Spielhagen, Kansas City, Mo. Dear Sir:—I arrived in Kansas City at 1:30 Sunday morning and left at about 10 o'clock, so as it was Sunday I could not get to see you and was very anxious to get home. I liked the Falfurrias country very much, so much that I am preparing to move to that country as soon as I can. I could not buy land at Falfurrias as close in as I wished, but think there will be good opportunities at some other point in the near future, probably not far from there. I found everything just as represented and have so told my friends here, and have been the means of starting several had cases of Texas fever. How did you get the rate question adjusted from Broken Bow? Did they allow me any rebate, or is it to be \$32.85? I want to know so I can tell the people here just what it will cost them, as it makes rather an expensive trip for some, at best. Your people at Falfurrias surely treated me fine, and I can have nothing but praise for the immigration company. Hoping that I may hear from you soon, I will close with best wishes, C. A. Sarver." In order to still further verify the statements made by the Falfurrias Immigration Company, we give below a list of names of people who have been to Falfurrias, and readers of this paper are at liberty to write them and ask their opinion: Col. W. Scott, Larned, Kan.; J. A. Koch, Knobsnoer, Mo.; I. R. G. Moore, Washington, Mo.; R. E. Keseler, Ilerman, Mo.; Dr. S. R. Jones, Turon, Kan.; W. W. Zimmerman, Chandler, Okla.; Dr. A. A. Sharp, Larned, Kan.; J. B. Frickey, York, Neb.; Chas. O. Cheevers, Burden, Kan. What more is needed to convince anyone that the statements made about Falfurrias are true. In addition to this the Falfurrias Immigration Company have offered \$1,000 forfeit to anyone who will find a false representation in their literature. They must be telling the truth. The advertisement of the Falfurrias Immigration Company will be found in this issue on page 30. Write them at Kansas City, Mo., and ask for their free maps and literature.

## BANNER'S VICTOR FOR SALE.

On page 43 of this week's Homestead will be found the advertisement of Mr. C. R.

## FENCE.

We suggest to our readers before buying their fence they look into the proposition of the Advance Fence Company, 34 Old St., Peoria, Ill., whose advertisement appears on page 30. They set forth some very strong arguments in favor of their make of fence. It certainly seems plausible that a fence made on a process by which the wires are not cut must be stronger and more serviceable than one in which the wires are cut in the process of manufacture. Their offer to ship the fence on thirty days' approval is also of a nature to inspire confidence. It is self-evident that none but a high-grade article could be sold on such a basis. We have known the Advance Fence Company for a long time and can assure our readers that any proposition made by them is made in good faith, and will be carried out religiously. Write them today before you forget it.

## FARMERS' TELEPHONES PROTECTED—A SPECIAL OFFER.

Ashby's "No Risk" lightning arrester protects the telephone. Farmers should write the W. E. Ashby Telephone Cut Out Company, of Chariton, Iowa, for the booklet on protecting telephones from lightning, and a special proposition whereby they can get the famous "No Risk" telephone cut out and lightning arrester, free. The "No Risk" lightning arrester goes on the outside of the house. It is operated from the inside by a rubber button, and a guarantee is made by the Ashby Company warranting the telephone against lightning, if the device is put up and operated according to directions. When desired, as in case of storm, the "No Risk" disconnects the telephone from the line wire, leaving the line wire free and clear—in fact, making it operate better—but the "No Risk" grounds your individual telephone, absolutely barring the lightning on the outside of the building. Thousands of people are using the "No Risk" Telephone Cut Out, and every reader of this paper should write for the booklet and free proposition today. The price of this wonderful device is \$2. See advertisement on page 9.

## A SPECIAL OFFER TO EVERY READER.

The tremendous increase in the price of lumber in the last few years has made shingles entirely out of the question on most farm buildings. In order that every reader of this paper may become familiar with a roofing which is very much better than shingles and is rapidly taking their place, the Barrett Manufacturing Company, who are the largest manufacturers of roofing in the world, have offered to send free a sample of their Amatite Roofing to every reader of this paper. The feature of this roofing is a real mineral surface on top, which not only makes coating and painting unnecessary, but is a splendid fire-retardant. Of course, every farmer will appreciate the fact that by doing away with painting and coating it will save time, money and at the same time will make repairs unnecessary. We suggest that every reader write at once for a free sample and illustrated booklet. Few things are more important to the farmer than a good, tight roof, as a leaky one is an abomination and is apt to cause losses and sickness. The request for sample should be addressed to the Barrett Manufacturing



# MY COMPLETE HERD OF Aberdeen Angus Cows, Heifers & Bulls

Will be sold on my Farm 6 miles north of Grinnell, Iowa, March 15, 1907.

Fifty-five Head in all consisting of excellent individuals of the Mayflower, Waterside Bessie and Boghead Rose families, got by such noted sires as Black Knight of Estell Second, Jack of Cottage Grove Second by Blackbird King, Heir Laddie by Longbranch Heather Lad 4th and also Toledo Innocence.

**46 COWS AND HEIFERS** consisting of fourteen choice yearlings, six two-year-olds and cows mostly ranging from three to six years. A goodly number with calves at foot got by herd bull, Clark Niger 50363. All old enough and not with calves at foot are bred to Lou Dillou R. **NINE BULLS**, including the herd bull and young bulls from nine to eighteen months, and got by Toledo Innocence. Promising youngsters. This offering is in excellent shape. Prospective show stuff, though nothing in heavy flesh. All our stock has been kept growing. There is nothing that need go at a sacrifice on account of its individual merit. Send for catalog and accept our hospitality sale day. Twenty-two grade Percheron mares will be sold at 10 o'clock a. m. Also the first twelve volumes of the Angus herd books.

Cols. Igo, Henss and McIlraith, Auctioneers.

**E. T. RICKARD, PROP.,**

**GRINNELL, IOWA.**

Warren, of Glenwood, Iowa, who offers to sell his splendid two-year-old Short-horn bull, Banner's Victor 242584. This is the roan bull that he showed at the Iowa State Fair last year and won second prize in the Iowa special class. He is a grandson of old Cumberland, is a bull of great substance and we can recommend him to anyone wanting a herd bull. His half-brother won third at the International in 1906. He is a splendid individual and a good bull in every way. Write Mr. Warren, or better yet, go and see the bull.

## FLOUR CITY GAS-ENGINES.

One of the old and reliable companies manufacturing gasoline engines presents its advertisement on page 34 of this issue of The Homestead. This company have advertised a staple line in our columns every season for more than twenty years. The satisfaction which their various engines give is so general as to need little comment. Their catalog for the present season comprises the most useful and economical designs. In the construction of their product only the best material is used and every engine is thoroughly tested before it leaves the factory. A liberal warranty is given to each purchaser and every effort is made to give him the best value for his money. The combustion principle applied in Flour City engines is such that the cost of fuel is much less than that of the average engine. Engines are manufactured in all designs of stationary, portable and traction. If you are contemplating the purchase of anything in the gas engine line we can most highly recommend this line of goods. For catalog and prices write the Kinnard-Haines Company, 824-44 Avenue N., Minneapolis, Minn., and mention The Homestead.

## PUBLIC SALE OF PERCHERON STALLIONS AND POLLED DURHAM BULLS.

On March 14th at Carroll, Neb., will occur the first annual sale of imported and home bred Percheron stallions, made by the firm of Billeter, Burress & Billeter. There will be six imported stallions in the sale from four to six years old and will weigh from 1,850 to 2,100 pounds. One of the best horses in the sale is Perron. He is an imported horse; a coal black, and will weigh over a ton. Here is a stallion that will please anyone wanting a big horse, with plenty of bone, and will make a great stallion. Another good one is a horse called Mazagram. He is a five-year-old and will weigh close to a ton. He is a black in color, and a horse of good style and action. They also sell a dark steel gray called Polo. He is a well turned horse and will please those who are looking for lots of quality. The other three imported horses are on a par with these and are all black in color. They are selling some good yearling stallions, and these are all home bred. Three of these will weigh 1,400 and better and are the making of good horses. Anyone wanting an imported or a home bred Percheron stallion should go to this sale. They are also selling five very choice registered Polled Durham bulls in the sale, from ten to seventeen months old. These bulls are well bred and have been well

cared for, and therefore in good condition. If you want one of these you had better make up your mind to attend the sale. Write for catalog and mention this paper.

## SHROPSHIRE ANNOUNCEMENT.

Messrs. Chandler Bros., of Kellerton, Iowa, who are so well and favorably known to sheep breeders, are making an announcement on page 36 regarding their flock, that should be very good reading for sheep breeders. Past experience has proved to the hundreds of customers who have made purchases from this flock that in it are to be found the best selections in the country. In a recent letter these breeders write: "We now offer a fine lot of big, strong ram and ewe lambs, coming yearlings, and they are the right sort to make money for whoever gets them. Nearly all are sired by champion imported rams weighing around 275 to 300 pounds each. The ewes are good property to found a young flock and the rams will make great sires this fall. We wish to especially call the attention of your readers to the fact that, as is our usual custom, a member of our firm will spend the summer in England and Scotland to select the best Shropshires over there for our customers and ourselves. Your readers know how extra well our last season's importation was liked, and how our sheep were leading winners at the largest state fairs and at the International. The breeding sheep imported also gave extreme satisfaction, and we would be pleased to correspond with all your readers who are trying to improve their flocks. We shall import a large number and the first cost as well as the expense will be the very lowest. It is our aim to give all our customers the best selection and at the lowest possible price, and our success in the past is assurance of our good business principles. We can interest all your readers who are interested in Shropshires and the advancement of the breed in America." Mention The Homestead when you write.

## DISSOLUTION OF THE MORRISON HERD.

The most important Duroc Jersey sale to be held yet this season will be that of Mr. John M. Morrison at College View, Neb., on March 15th. This noted herd is to be dissolved at public sale and will include the half interest in the noted boar, Kan't Be Beat, together with all their brood sows, many of which have been noted prize winners. In laying the foundation for this great herd the senior member of this firm has spared neither time nor money, and has therefore bought the very best that the breed affords. The most of the sows to be sold, and especially many of the best of them will be bred to Kan't Be Beat. Some of these sows will have pigs before sale day, and some will farrow shortly after. The great sow Alix II., bred to Kan't Be Beat for April farrow will be included, and she is today one of the greatest sows of the breed. Her record in the show ring will entitle her to a place in the hearts of the lover of Duroc Jerseys, and the man who buys her will secure one of the greatest sows of the breed. Seven daughters of the great Ohio Chief will be sold in this sale, also the great sows, Van's Lady, first prize yearling sow at the Nebraska State Fair in 1904; Miss Bob, dam of Dan Patch, third

## Joint Breeders' Sale of Scotch and Scotch-Topped Short-horn Cattle

to be held at . .

**Wayne, Neb., Wednesday, March 13, 1907**  
**40 head, 20 Cows and Heifers, 20 Bulls**

from the herds of A. B. Clark and W. M. Lessman.

This offering is the pick of our two herds. The cows are mostly of the *milking* strains and are good individuals. The bulls are a grand lot. Never has a better lot been sold in northern Nebraska. Included will be the great Cruickshank bull, SCOTCH FASHION 135959. He is a son of Imp. King James 120945 and out of a daughter of Imp. Northern Light. If anyone wants a herd bull, here is one that is strictly all right. FAME'S HERO is another good one. He is a son of Imp. Fame 222065 and out of a daughter of Imp. Nonpareil. The bull offering is particularly strong. The offering throughout is a most excellent one. Write at once for catalog. Address,

Cols. Cunningham, Dennis and Walker, Auctioneers.

A. B. Clark, W. M. Lessman, Wayne, Neb.

## THIRD COMBINATION SALE OF

## Short-horn Cattle

**AT UNION, IOWA, ON THURSDAY, MARCH 21ST**

At Mason's heated and seated sale pavilion, at 12:30 P. M. sharp. No postponement on account of weather.

**75 CATTLE** 45 Cows and Heifers, 15 calves, 15 Bulls of serviceable age. Four cows are straight Scotch. Many are fine milkers. All females are bred to Scotch bulls. The bull offering is a good one; three are straight Scotch—reds and roans. No better opportunity to buy good, useful cattle will be found in Iowa this year. Consignors: A. H. Brett, Mason City; Henry Schwarck, Eldora; C. R. Stubbs, Conrad; Jacob Kinzer, Bangor; F. G. Houghton, Albion; Henry Sheller, Eldora; A. P. Mason & Sons, Union; F. T. Clappitt, New Providence. Usual terms. Free lunch at 12 o'clock. Send for catalog.

**A. P. MASON, MGR., - UNION, IOWA.**

Cols. Mason, Graham, Menzie, Houghton, Auctioneers.

W. H. Eno and others will sell Short-horns at Sheffield, Ia., March 20th. You can attend both sales.

prize boar at St. Louis, also the dam of the great sow, Morrison's Peach, that topped the world's record sale of 1906; Ida M., Parnell B., Victor's Banner, and, in fact, everything in their herd. Nothing is reserved. The sale was brought about by the desire of the sons to retire from the breeding business and the public sale was therefore decided upon. It is seldom that such an opportunity is offered like this to buy breeding stock. There are animals in this sale that they have never thought of selling, and were it not for this dissolution of the firm, would never be put up at auction. While we could go on indefinitely about this offering, we would rather that our readers send for a catalog and then go to the sale. If you cannot do that, then send a bid to Mr. M. T. White, Homestead representative, who will be at the sale and will carry out your instructions. When writing, kindly mention this paper.

## McLAUGHLIN'S SCOTCH AND SCOTCH-TOPPED SHORT-HORN SALE.

Short-horn breeders in western Iowa and Nebraska should be and will be interested in the sale of Mr. W. H. McLaughlin, at Shelby, Iowa, on March 18th. He is selling forty head of cattle—twenty-eight heifers and twelve bulls. It is a good offering from end to end. He is selling a lot of good females and he also sells a splendid bunch of bulls. Many of the breeders already know that the great Scotch bull, Baron Kear 3d, heads the McLaughlin herd, and the most of the young things in the sale will be sired by him. Many of the matured cows will also be bred to him, and in either case it will be well for the man that buys. We desire to say to our readers

that he is selling a good lot of cattle. They are not only bred well, but they are good individuals, and another good feature in his sale is that there will not be a non-breeder nor a shy breeder in the sale. The Scotch families represented are the Duchess of Gloster, Nerissa, Jasmine and there are several richly-bred Lavinas in the sale. Besides the Scotch cattle that will be sold, there are also several in the sale that have as many as six and seven Scotch tops. One of these is Violet's Flower, a daughter of Imp. Scottish Pride and she has six imported sires on the top of her pedigree. One of her daughters also goes into the sale and her sire is the noted Mysie bull, Baron Kear 3d. He sells a good three-year-old Duchess of Gloster heifer in the sale and she will be right at her calving at sale time. Nerissa 18th of Maine Valley will be one of the most richly-bred Scotch cows in the sale and she will also have a good heifer in the sale. There will be several daughters of Baron Kear 3d in the sale, and breeders all know that they are good because he has the reputation for siring good things. The Scotch-topped tribes that will be sold are all good individuals. Mr. McLaughlin is also selling twelve young bulls, one of which is a straight Scotch bull of the Duchess of Gloster family. He was a year old in November, was sired by Baron Kear 3d and is out of a daughter of Imp. King James. He is a roan in color, a good individual and his pedigree is beyond question. The rest of the bulls are sired by Baron Kear 3d, Gloster Bud, Baron Victor, Gloster's Choice and Lord Avon. Breeders will find a good offering of Short-horn cattle in the W. H. McLaughlin sale. Write for catalog and kindly mention The Homestead.

Imp. King James 127948 Ex. of S. Campbell	Royal James 120945 A. Cruickshank	Cumberland 50626 A. Cruickshank	Pride of the Isles (35072) A. Cruickshank
	Juliet A. Cruickshank	Gravesend 98361 A. Cruickshank	Custard A. Cruickshank
Maid of Promise 5th A. Cruickshank	Maid of Promise A. Cruickshank	Nonpareil 20th A. Cruickshank	Darmpton Prince (32995) A. Cruickshank
	Maid of Promise A. Cruickshank	Imp. Duke of Lavender 69290 A. Cruickshank	Joyful A. Cruickshank
Fashion's Light L. Johnston	Fashion's Light L. Johnston	Standard Bearer 100925 A. Cruickshank	Royal Victor 58683 A. Cruickshank
	Fashion's Folly Hugh Howden	Nonpareil 15th A. Cruickshank	Gentian A. Cruickshank
Fashion's Folly Hugh Howden	Fashion's Folly Hugh Howden	Imp. Duke of Lavender 69290 A. Cruickshank	Shuttlecock 45278 A. Cruickshank
	Fashion's Folly Hugh Howden	Fashion 5th D. Birrell	Lady Kate A. Cruickshank
Fashion's Folly Hugh Howden	Fashion's Folly Hugh Howden	Standard Bearer 100925 A. Cruickshank	Feudal Chief 92299 A. Cruickshank
	Fashion's Folly Hugh Howden	Nonpareil 20th A. Cruickshank	Capsicum A. Cruickshank
Fashion's Folly Hugh Howden	Fashion's Folly Hugh Howden	Imp. Duke of Lavender 69290 A. Cruickshank	Cumberland 50626 A. Cruickshank
	Fashion's Folly Hugh Howden	Fashion 5th D. Birrell	Nonpareil 15th A. Cruickshank
Fashion's Folly Hugh Howden	Fashion's Folly Hugh Howden	Standard Bearer 100925 A. Cruickshank	Feudal Chief 92299 A. Cruickshank
	Fashion's Folly Hugh Howden	Nonpareil 20th A. Cruickshank	Capsicum A. Cruickshank
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	Fashion's Folly Hugh Howden	Fashion 5th D. Birrell	Nonpareil 15th A. Cruickshank
Fashion's Folly Hugh Howden	Fashion's Folly Hugh Howden	Standard Bearer 100925 A. Cruickshank	Feudal Chief 92299 A. Cruickshank
	Fashion's Folly Hugh Howden	Nonpareil 20th A. Cruickshank	Capsicum A. Cruickshank
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	Fashion's Folly Hugh Howden	Fashion 5th D. Birrell	Nonpareil 15th A. Cruickshank
Fashion's Folly Hugh Howden	Fashion's Folly Hugh Howden	Standard Bearer 100925 A. Cruickshank	Feudal Chief



# 103 "DODDIES" 103

## AT AUCTION

AT SOUTH OMAHA, NEBRASKA, MARCH 12 AND 13, 1907

65 COWS---38 BULLS---FOUNDATION STOCK AND HERD HEADERS

All the leading families are represented such as Blackbirds, Queen Mothers, Prides, Heather Blooms, Ericas, Abbesses, Barbaras, Coquettes and others equally as good. They are choice selections from the herds of Parrish & Miller, Hudson, Kan.; Oliver Hammers, Malvern, Iowa; Wheatley & Ward, King City, Mo.; C. D. Hooker & Son, Maryville, Mo.; Davis Bros., Maryville, Mo.; N. M. Pettit, Overton, Neb.; R. L. Milton, Stafford, Kan.; Robinson & Chappell, Maryville, Mo.; J. H. Mayne, Council Bluffs, Iowa. Another such an opportunity to buy Aberdeen Angus show and breeding cattle will not be offered soon. There are first and second prizewinners and sires and dams of prizewinners in the offering. Write today for catalog of this, the greatest sale of the season in the West. Address,

**HAL. T. HOOKER, MGR., . . . MARYVILLE, MISSOURI.**

COLS. WOODS, IGO AND HARDING, AUCTIONEERS.

### Iams' Stallions.

Frank Iams writes: "Mr. Farmer Horseman: 'Make good' every statement, have 'the goods' as advertised, sell imported stallions on 'honor' and save stallion buyers \$1,000 to \$1,500 on a stallion and sell them a first-class imported stallion of big size, quality and finish at \$1,000 or \$1,500 (few higher), guaranteed better than any fourth-rate stallion sold by 'gold brick' peddlers at \$3,000 to \$5,000, or you get the \$500 hung up. That's what Frank Iams, of St. Paul, Neb., does. He is the importer of stallions behind the gun that is 'boosting' his business selling 'top notchers' at 'let live prices,' saving stallion buyers thousands of dollars by saving them the middlemen's profits, and all commissions. His 'Peaches and Cream' stallions are so good that they sell themselves, they are the salesmen. It's 'dollars to doughnuts' that Iams talks less and sells more stallions than any ten men in the United States. He is an easy salesman, an expert horseman, a successful business man of twenty-five years' experience at St. Paul, Neb. He has rubbed up against the importing business and knows the 'tricks' that are practiced on the farmers. It is by 'keen judgment.' His 'square dealing,' his characteristic advertising, his independent stand against the 'giant stallion trust' and having the best stallions that can be bought in Europe. A visit to Iams' town of barns filled to the 'roof' with the big ton 'black boys' is an eye opener worth going 2,000 miles to see. They are the best bunch of 'big-boned' 'top notchers' imported in twenty-five years. All of Iams' famous prize winners in the United States and Europe are in his barns and must be sold. He has 'lifted the lid' again and is knocking 'high prices' on stallions off the 'Xmas tree.' It is 'bargain day' at Iams' stallion barns; all your folks will take off their hats and say, 'Iams has the goods' as advertised. Iams wants your business, that's why he advertises. 'He will put your hair in a curl' with swell ton stallions and save you \$1,000 or \$1,500 and a better stallion, then you can wear the diamonds, not the 'peddler' or 'auction blockman.' You say, 'Why can Iams sell better stallions at half the price of others?' Iams buys and sells every stallion himself at his home barns. He buys stallions by 'special train load,' eighty to 150 at a time. He speaks the languages, saving you 20 per cent. He is not in the 'stallion trust,' saving you \$300. He pays no 'slick salesman' \$1,000 to sell you a fourth-rate stallion. He has two to ten men as partners to share profits. He pays spot cash for his stallions, owns his farms, houses, barns, stocks and stallions. He sells stallions by 'hot advertising.' One thousand dollars to \$1,500 insurance placed by Iams on stallions. The illustration on page 21 is Iams' Bismuth (51863), black Percheron stallion, winner of second prize at Iowa State Fair, 1905, and second prize at Illinois State Fair, 1906, and took a \$10,000 horse to defeat him. He is a smooth-finished drafter of big size, big clean bone. A sensational 'Peaches and Cream' stallion that don't need any booster or 'hammer thrower' to sell him. He is a 'Kansas cyclone' in action. You will keep 'a shovin' and a pushin'' until you own him when you see him at Iams'. Iams has on his 'selling clothes,' they fit all buyers. No man that will 'talk business' and will pay cash or give bankable note gets away from Iams. Write for Iams' 1907 horse catalog with 100 illustrations, an eye opener that will save you thousands of dollars."

### Absorbine at West Oak Farm.

Absorbine is a pleasant remedy to use; does not blister or remove the hair, and horse can be used during treatment. You will find it as Mr. Hoel says—a little better than we say it is: "W. F. Young, P. D. F. Dear Sir:—About four months ago I had a driver badly affected with what proved to be a very bad case of 'tendonitis.' My veterinary applied blisters, but to no avail. One day, while reading 'The Farmer' my attention was attracted to your advertisement. I ordered a bottle of Absorbine immediately from my druggist. I used that bottle according to directions, and to my surprise, after three days use the swelling was coming down nicely, and after two weeks' treatment the horse was perfectly well. I have been using him ever since. And that was not all. About the same time I was

badly affected with rheumatism. I used the Absorbine with equally good results upon myself. Absorbine is everything that it is claimed to be and a little more. It should be in the barn of every horse owner, and I must say I cannot testify too highly to its merits. Yours very truly, S. C. Hoel, proprietor West Oak Farm, Christine, S. D., Dec. 8, 1905." Two dollars per bottle from your druggist or sent direct upon receipt of price. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

### Closing Out Sale Aberdeen Angus Cattle.

One of the important dispersion sales of Aberdeen Angus cattle that will be held this season will be that of Messrs. White Bros., at Perry, Iowa, on March 19th. Included in this sale will be all of their breeding cows, representing Trojan Ericas, K. Prides, Queen Mothers, Lavenders, Blackbirds, Isabellas and other good families, together with their descendants. There will also be four imported cows in the sale, one a Trojan Erica, a K. Pride and two Lavenders. Their splendid Pride bull, Prince of Pilsen, a son of the well-known Blackbird bull, Cranewood Black Knight, will also be sold and he is not only bred in the purple, but he is one of the very best breeding bulls in the state. He is the sire of a string of heifers and young bulls in the sale that will show breeders present on that occasion just what kind of a breeding bull he is. This herd was founded some fifteen years ago by Messrs. White Bros., and they drew upon some of the very best herds in this country for foundation stock. A change in the firm has now brought about this sale and everything will be sold. The imported cows are Imp. Kate 2d of Tullyally, a K. Pride of the Pride of Aberdeen family and her descendants; Imp. Entoria of the Dell, a richly-bred Trojan Erica and her descendants, and Imp. Lavender 11th of Tullyally, a royally-bred Lavender, noted for their great show records in both Scotland and Ireland, and her descendants. Besides these will be a number of Prides, Queen Mothers, Ericas, Isabellas, Waterside Bessies, Georgians and other standard sorts. No. 2 of catalog is Blackbird Eclipse of Glen Lea, a daughter of Imp. Leander of Dalmeny and a well-bred Blackbird cow. Her dam is Blackbird Eclipse by the noted Moon Eclipse and she is safe in calf to the Pride bull, Prince of Pilsen. She will have a two-year-old and an eleven-months-old heifer in the sale. One of these will be a daughter of the celebrated bull, Bamboo, a son of old Heather Lad 4th by old Jim Iams, and she is one of the most richly-bred Blackbird heifers in the sale. The Lavenders that go into this sale will be found a splendid lot and as there are not very many of them on this side of the water they should be appreciated by breeders present on that day. Eleanor of Maple Grove is a yearling Erica heifer and is one of the nice young things in the sale. She is a daughter of Woodlawn of Maple Grove by old Lord Woodlawn, and her dam is Imp. Eleanor of Braevil. She is a double bred Erica and one of the plums of the sale. Home Dale Queenan is a four-year-old Queen Mother and a daughter of Black King of Woodlawn, a sire of an international champion and also the sire of many other noted winners. She is one of the best producing cows in the herd and one of her yearling bulls will also be sold in the sale. There are quite a number of Waterside Bessies and some of the very best individuals that will be offered will belong to this family. Besides these will be some Georgians, Isabellas and other families. There will be thirteen head of bulls in the sale, including the herd bull, Prince of Pilsen. Among the young bulls will be a Queen Mother, a Lavender, a K. Pride, an Erica and others of the Georgiana, Isabella and Waterside Bessie families. It is a good offering throughout and Angus breeders who are looking for some good and well-bred cattle need not hesitate in going to this sale. Their catalog is now ready for distribution. Write for it and kindly mention this paper.

### Billeter, Burris & Billeter Sell Choice Percherons.

At Carroll, Neb., March 14th, the above breeding firm, an old and reliable one in the horse business in Nebraska, have chosen to put up all the stallions they own and

## W. H. McLAUGHLIN'S SHORT-HORN SALE

Scotch and Scotch Topped

Shelby, Iowa, March 18, 1907

40 HEAD

28 COWS AND HEIFERS, :: :: 12 YOUNG BULLS

There will be 8 Scotch cows in this sale and one good young Scotch bull, of the Duchess of Gloster, Nerissa, Jasmine and Lavina tribes.

**Baron Kear 3d, 158073**

Dark red, calved February 15, 1900.

Banner Pro. 124047.....Cookson Bros.  
Mysie 52 ..... Imp. Prince President 77023.....A. Cruickshank  
Mysie 47th ..... Imp. Goldstick 86748.....A. Cruickshank  
Mysie 45th ..... Imp. Earl of Aberdeen 45992.....A. Cruickshank  
Mysie 43d ..... Crown Prince of Athelstane 2d 16585 David Christie  
Imp. Mysie 36..... Scotland's Pride 25100.....A. Cruickshank

This splendid Cruickshank bull is the sire of most of the young stuff in the sale and is also bred to most of the older cows.

I am selling one of the best drafts of cattle that has ever gone under the hammer in Shelby county. I am putting in some of my best Scotch cows and I also sell twelve good young bulls. One of these is a pure Scotch sired by Baron Kear 3d and he is a herd header. The other bulls will have four and five Scotch tops on them and are a splendid lot. The Baron Kear 3d heifers are bred to the Scotch bull Nonpareil Courtier 3d 238981. There will not be a cow in this sale that is not strictly all right in every way. No shy breeders nor barren cows will be sold. That kind I sell on market. Write for catalog. Address.

Col. BELLOWS, Auctioneer

## W. H. McLaughlin, Shelby, Ia.

Shelby, Iowa, is forty miles east of Omaha on the C., R. I. & P. Ry. Parties coming to sale can stop at Tennant, Iowa, on C. G. W. Ry. My farm is 1½ miles from Tennant.

without reserve. The offering of stallions is guaranteed to be exactly as represented and will consist of both imported and home-bred individuals. Nothing is above six years of age, while in weight, substance and quality the bunch will be up to the highest expectations. In color the horses are black and dark grays, and by reference to the advertisement on page 46 it will be seen that some very good weights are recorded. This sale will, no doubt, supply an excellent opportunity for Nebraska farmers to get something choice at their own price and right at their own door. The five Polled Durham bulls will offer a nice side attraction, as they are of the right age to be developed into good herd bulls. Write for a catalog of this sale if interested in Percheron stallions or Polled Durham bulls. Kindly mention The Homestead.

### Taylor & Jones' Horses.

Messrs. Taylor & Jones, of Williamsville, Ill., write: "Our new importation, together with many of our American-bred stallions now coming from our pastures which have

sell them under the auctioneer's hammer become old enough for service, give our patrons a lot to select from that will be pleasing to them. Our business continues very good and we report the following sales of stallions during the past week: Messrs. Bird, Ellis & Co., of Broadwell, Ill., an extra good American-bred Percheron; Mr. John H. Bryson, of Buffalo Hart, Ill., selected an American-bred Percheron that was full of quality; Mr. R. L. Kirk, of Ina, Ill., got an imported Shire stallion, while Messrs. Van Meter Bros., of Sherman, Ill., got one of our best-bred American Percherons; Mr. Jas. Graham, of Fancy Prairie, Ill., who has been raising good horses all his life, with his sons, selected a good American-bred Percheron; Mr. Orville Current, of Baldwin, Iowa, chose an imported Shire stallion that will please the people where he goes; Mr. John Hersberger, of Arthur, Ill., got an American-bred Percheron, and Mr. W. W. Jarrett, of New Berlin, Ill., got an imported Shire stallion, and Mr. Wm. Hinman, of Springfield, Ill., got a Percheron. Our sales have been better than ever before, making it necessary to get a new importation for our spring trade." See advertisement on page 47.



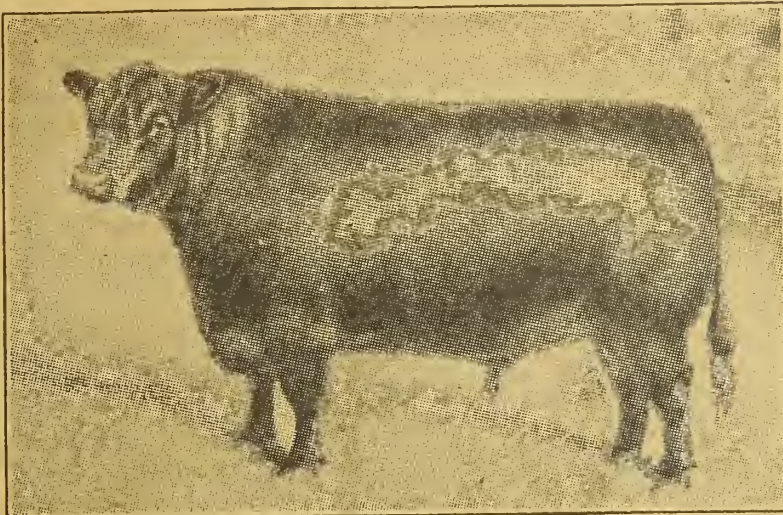
**CLOSING  
OUT  
SALE**

# Aberdeen-Angus Cattle

PERRY, IOWA, TUESDAY, MARCH 19, 1907

**61 Head, 48 Cows and Heifers and 13 Bulls 61**

4 K. Prides  
3 Blackbirds  
2 Queen Mothers  
4 Lavenders  
1 Imp. Pride heifer  
2 Imp. Lavenders  
1 Imp. Trojan Erica



There will be 13 bulls in the sale including our splendid pride bull **PRINCE OF PILSEN** 59249, also a good **TROJAN ERICA**, **K. PRIDE**, a **QUEEN MOTHER** and a **LAVENDER**. All good enough to head herds, besides several others.

PRINCE OF PILSEN 59249.

Owing to a dissolution of the firm we have decided to close out our entire herd. When laying the foundation for this herd we purchased the very best that money would buy, and drew upon the best herds in this country. Now everything will be sold including our splendid K. Pride herd bull, **PRINCE OF PILSEN**, all our breeding cows, young heifers and young bulls. The best families known to the breed are included, and it is one of the best offerings of Aberdeen Angus cattle that will be sold this year. There will be a lot of good young bulls in the sale of the very best families.

**COLONEL IGO, Auctioneer.**

**WHITE BROS., Perry, Iowa**

WRITE AT ONCE FOR CATALOG.

## Whittington-Harris Poland Sale March 13th.

By this time most Poland China breeders are undoubtedly well informed regarding the forthcoming sale of Messrs. B. P. Whittington, of Earlham, and J. C. Harris, of Panora, who have decided to hold their sales jointly and at Redfield, Iowa, March 13th. The offering will number fifty head of high-grade **Tecumseh** and **Perfection** bred sows and gilts. Originally it was the intention of the former breeder to hold his sale alone, but since this idea has been abandoned he has reserved more for his own use, and his thirty-five head, along with the fifteen put in by Mr. Harris, should certainly bring out something worthy of good hids. The offering, especially the young stuff, is sired by **Dietrich's Darkness 91453**, a grandson of **Chief Perfection 2d**, and also by **Young Tecumseh 3d 94101** by **Chief Tec. 3d 38233**. Among the bunch will be some splendid yearlings in fine shape to produce strong litters, probably two of them this season. The bunch has been bred to **Longfellow Jr. 121403**, sired by the noted **Tec. Longfellow**. This is just the kind of breeding that so many are looking for, and it is a dependable kind for money making. Recently Mr. Whittington purchased **Osborn's Perf. 2d** at the Fox sale. This sire has great stretch and bone, as those acquainted with his breeding will know. A few of the gilts will be bred to this hog and they will undoubtedly be prizes. Catalogs regarding this sale may be obtained by writing either of the above consignors. Come out to the sale, even if it is a little late. You will be assured of good treatment by the boys. Remember the **Geo. Vader** sale at Churdan, March 12th, the **Short-horn** sale at Jefferson, March 14th, and the **Jackson-Patrick Poland** sale at the same place the day following.

## Lakewood Percherons at Public Auction.

Percherons from the **Lakewood Farm**, owned by Mr. H. G. McMillan, of Rock Rapids, Iowa, will sell at Sioux City, Iowa, Wednesday, March 20th. Our readers of horse news and announcements are too well acquainted with this establishment to need any further introduction than to say that everything that will be sold in this sale will be of high standard. Anyone who will look up the record of this establishment, either in the show ring or sale ring, will need no further proof of the high merit of whatever comes from **Lakewood Farm**. The offering which will be sold at Sioux City will number seventy head of registered **Percheron** stallions, mares and fillies. The sale last December, made by this establishment at Sioux City, failed to supply all of the buyers and this is partly the reason why the present offering is being made. Twenty-five head of the offering are choice stallions, including all that had been reserved for sale at private treaty. Among them are some of the state fair and International winners. The mares and fillies in the sale had been reserved for home breeding, but to make the sale especially attractive a good collection of females were added to the offering. For further particulars see the advertisement on page 46 and send for a catalog and if you are in the market for something good, attend this sale.

ment on page 46 and send for a catalog and if you are in the market for something good, attend this sale.

## Davidson's Crimson Wonders.

**Duroc Jersey** breeders who are always on the lookout for the good things will be interested in a few good gilts sired by the sweepstakes boar, **Crimson Wonder 1 Am**, owned by Mr. U. G. Davidson, of Manson, Iowa. He has about ten of these sows now on hand and all of them are bred to the young boar, **American Lad**, a son of **Iowa Wonder**. Two of these gilts were farrowed April 13th and are out of a sow called **She's a Blossom**. One of these was bred December 13th and she is a good one. This gilt is very fancy in head and ear, is well developed for her age and is good in her lines. A litter sister of hers, just as fancy, but a trifle smaller, is another one of the best he is offering. One of the largest gilts that Mr. Davidson is offering for sale is out of **May Blossom**, and she is a good one. This gilt has plenty of size and is as smooth as she can be. The only thing about this gilt is she is just a trifle straight in the ear, and yet is not bad. She is the making of a splendid brood sow. Mr. Davidson is only asking \$50 each for these three gilts. For the others he asks from \$35 to \$50. He has about ten of these left and anyone wanting a **Crimson Wonder** sow had better write him at once. The old boar is in excellent condition and holds his own first rate. **Iowa Wonder**, the boar Mr. Davidson showed last year at Des Moines, is rounding out into good form and he is the sire of some good sows now in the herd. The dam of the sweepstakes boar, **Crimson Wonder Again**, is due to farrow shortly to **Crimson Wonder 1 Am**, and also the dam of **Crimson Wonder 2d**, the third-prize **Iowa State Fair** boar, is heavy with pig by the same boar. There isn't any other herd that carries more smoothness than will be found in the **Davidson** herd, and there has always been a good outcome to the sows and boars he sends out. Mr. H. S. Allen got first and sweepstakes Mr. August Voge got third prize on boars at the **Iowa State Fair** from this herd, and sows from this herd have sold well in many of the big sales of the winter. If any of our readers want a sow sired by this old sweepstakes boar they will have to order one at once, as they will not last very long. Send your order today and be sure to get one of these gilts.

## Billeter, Burress & Billeter Sell Percherons At Carroll, Neb., March 14th.

Sixty miles west of Sioux City, Iowa, at Carroll, Neb., the above firm will sell from their breeding and importing establishment a very choice bunch of imported and home-bred **Percheron** stallions. Half the number are imported and range in age from four to six years, while in weight they are standard, as a glance at the advertisement on page 46 will show. The American-bred stallions are younger and include three yearlings, two two-year-olds and one five-year-old. Every horse goes without reserve. Here is your

chance, Nebraska breeders and farmers, to get some of the reliable breed that produces drafters to sell for long prices. There will also be five young **Polled Durham** bulls on sale and they promise to make good herd headers. Post yourself on this sale. It may contain just what you are looking for. Send for catalog, kindly mentioning **The Homestead**.

## A Live Auctioneer.

It gives us a great deal of pleasure to be able to introduce to our readers one of the live auctioneers of Iowa, Col. C. E. Luther, of Grand Junction, Iowa. It is hardly fair to limit the popularity of this auctioneer to the state, for he cries very successful sales in adjoining states as well. However, the demand for his services in Iowa has been so great that it indicates a popularity with the boys that is certainly enviable. Colonel Luther has made a very strong record the past season, as you may learn by asking any one of his numerous customers throughout the rich states of Iowa, Nebraska, Illinois, and adjoining territory. Anyone who is familiar with sale reports will find some very choice averages credited to the work of this auctioneer. Whether on the stand or in the ring, he is right there with the goods every time. Dates are now being booked for sales this fall and next spring, and we would advise any of those who are expecting to need the services of a good auctioneer to write or wire your inquiry to C. E. Luther, Grand Junction, Iowa. On page 44 appears his card.

## Last Call for E. T. Rickard's Angus Dispersion.

This is the last chance which we will have to call our readers' attention to the sale of the above breeder on his farm, six miles north of Grinnell, Iowa, on Friday, March 15, 1907. Mr. Rickard is about to leave the farm and engage in other business. While his home trade has always been very appreciative he feels that there is a good part of the herd that will be in demand among breeders, and in this opinion he has been supported by those who have looked over his herd. Since Mr. Martin Rickard founded the herd in 1882 with the best blood he could find among the **Mayflower**, **Waterside Bessie** and **Roghead Rose** families, the collection has been steadily improved. Along with generous feeding the herd has come to be one in which good fleshing qualities are to be seen in every member. The foundation stock of later years can safely stand on its own merit. Buyers will be able to see on sale day just what improvement has been made from year to year. The cows have been money makers, as regular producers of the kind of stock they have produced would naturally be. Among the heifers will be some splendid individuals of the low-down, blocky, thick type. Nine promising young bulls complete the offering. Mr. J. L. Burroughs consigns several head of cows to the sale. At 10 o'clock in the forenoon there

will be twenty-two head of grade **Percheron** mares sold. There will also be on sale the first twelve volumes of the **Aberdeen Angus** herd books. Write for catalog of this sale. This is not an every-day opportunity. See further particulars in the advertisement on page 39.

## Short-horn Cattle Sale at Union, Iowa, March 21st.

A combination sale of **Short-horn** cattle will be held at Union, Iowa, March 21st. Seventy-five head of cows, heifers, calves and bulls will be sold. The sales at Union have always been very successful and the consignors always sell every animal cataloged without any protection whatever. Among the cows are many fine milkers. Many have calves at foot and reared. There are twenty head of choice two-year-old heifers in the offering, all reds, very uniform, and possess much quality. They are **Scotch topped** and bred to **Scotch bulls**. There are also a few **Scotch cows** with plenty of breeding and individuality. The bull offering is first class in every particular. Three good **Scotch bulls** are listed, one **Bates** and the rest **Scotch topped**. You can surely find what you want in this sale. Union is on the Iowa Central railway, eighteen miles north of Marshalltown, seventy miles south of Mason City and four miles south of Gifford. Write to Mr. A. P. Mason, manager, Union, Iowa, for catalogs and plan to attend the sale.

## Ray & Son's Poland China Sale.

One of the last chances to secure **Poland China** brood sows this season will be at the public sale of Messrs. Ray & Son, at Defiance, Iowa, on March 12th. Their offering is rich in the blood of some of the most noted winners and they are offering a good lot of sows. These are bred to **Dude's Wonder 42564**, a son of **Nemo L's Dude**; **Impudence 3d 42565**, a son of the great sweepstakes boar, **Impudence**, and he is one of his best sons, and to **Perfection L. & W. 42566**, a son of the great show and breeding boar, **L. & W.** The sows that go into this sale will be bred to these three splendid boars, every one of which is a son of a noted prize winner. They are selling a fall boar in this sale, a son of the great **Meddler**, and he will make a good herd boar. The sows are the pick of the herd and there are some good ones in the sale. Every one carries her guarantee with her and it is going to be the last chance this season to get sows at public sale. Messrs. Ray & Son also sell two **Hereford** bulls and four cows and heifers. Send for their catalog at once and mention **The Homestead**.

## A Correction.

In our report of the B. W. Hale sale of **Durocs**, held at Mr. Hale's farm near Shelby, Mo., on February 4th, we credited the sale of Lot 2 to Mr. J. J. Boyd, of Reeds, Mo., at \$110, when the price was \$115, the top of the sale. It is not our intention to misrepresent or knowingly give credit except where credit belongs, but the writer, like the great majority, is liable to make mistakes.



### Last Call for the Omaha Angus Sale, March 12th and 13th.

Followers of the Aberdeen Angus will find few better opportunities to buy both show and breeding cattle than will be offered at the sale to be held under the management of Mr. Hal T. Hooker, of Maryville, Mo., at South Omaha, Neb., on next Tuesday and Wednesday, March 12th and 13th. Sixty-five cows and thirty-eight bulls, choice representative animals from a number of the best herds of the breed, will be sold. From the herd of Messrs. Parrish & Miller, of Hudson, Kan., there will be twenty-eight head, twenty-three females and five bulls. Several of the cows in their offering have calves at foot by their great breeding bull, Hale Lad. Several are in calf to Best Blood by the champion, Barbara McHenry 13th, and Japan Ito by the great Prince Ito. Their bulls all trace close to Gay Lad, sire of Hale Lad and Hale Lad 2d, some being by each of these bulls. Mr. Oliver Hammers, of Malvern, Iowa, contributes sixteen head, eight bulls and eight females. Heading the list of bulls from Mr. Hammers' herd is Imp. Quintus of Maple Grove, a Queen Mother bull topped out with the best Erica blood. His calves are said to be good, even flesh carriers, well balanced, with good heads, short necks and thick, deep bodies. Four sons of Quintus of Maple Grove are in the sale, also two sons and a grand son of Imp. Plummer, a Pride bull said to be one of the best breeding bulls imported in recent years. Six of the eight cows consigned by Mr. Hammers are by Plummer. Those who know Mr. Hammers know that he consigns only such stock as will do the purchaser good. The consignment of eleven head from the herd of Messrs. Davis Bros., of Maryville, Mo., are all young things of the best of breeding and of good individual merit. Five bulls and six cows complete their consignment. They will have some herd bull material in the offering that will bear inspection. Messrs. C. D. Hooker & Son, of Maryville, Mo., sell three bulls and thirteen females. Among the bulls is their great show and breeding bull, Blackbird Benton, a bull that any Angus breeder might feel proud to own. Blackbird Benton has many winnings to his credit. He will have in the sale a fourteen-months-old son and a daughter or two. One of these, Noregay Maid 3d, was a member of Messrs. Hooker & Son's 1906 show herd that took second at the state and interstate shows. A son of Eraste, Messrs. Hooker & Son's senior herd bull, should please someone hunting a good, useful fellow. They are selling a number of desirable breeding cows all in calf to either Blackbird Benton or Eraste. Messrs. Wheatley & Ward, of King City, Mo., also consign ten bulls and four young cows. Five of the bulls are Queen Mothers. All are useful fellows, well grown and will give good account of themselves wherever they go. The four young cows are in calf to Gardner's Pearl Rosegay. Messrs. Robinson & Chapple, of Maryville, Mo., contribute five head, a Queen Mother bull got by the Pride bull, Paragon of Alta, a grandson of Heather Lad of Emerson 2d. Someone will get a choicely-bred fellow and a good bull here. The four females contributed by Messrs. Robinson & Chapple are young and useful breeding cows. Three are by Black King of Woodlawn, probably the most intensely-bred Blackbird bull living. All are in calf to their herd bull, Black Pedro, a bull of which too much cannot be said. He was got by the great Prince Ito, that sold for \$9,000. His dam, Blackbird of Woodlawn 6th, was got by the great Moon Eclipsor, he by Blackbird 4th, and out of a daughter of Blackbird 2d. Cows in calf to this great bull are bargains at most any price, as Black Pedro has few if any superiors either as an individual or from a pedigree standpoint. Mr. R. L. Milton, of Stafford, Kan., and Mr. N. M. Pettit, of Overton, Neb., each contribute six head, all said to be good, useful cattle, nicely bred. Mr. J. H. Mayne, of Council Bluffs, Iowa, consigns three head. For catalogs of this sale address Mr. Hal T. Hooker, Maryville, Mo., mentioning The Homestead.

### The Wayne Short-horn Sale.

On Wednesday, March 13th, at Wayne, Neb., there will be a joint breeders' sale of Short-horn cattle from the herds of Messrs. W. M. Lessman and A. B. Clark, two of the very best breeders in the northeastern part of the state. They are selling forty head in the sale and twenty head of these are bulls, including the well-known Scotch bull, Scotch Fashion. Both Mr. Clark and Mr. Lessman have selected some of their very best cattle for this sale. Among the bull offering will be found the Scotch bull, Scotch Fashion 125959, a son of Imp. King James and out of Fashion's Light by Imp. Northern Light. He is one of the most richly-bred Cruickshank bulls today in the state of Nebraska. This bull has been used at the head of the Lessman herd for several years and has done excellent service. He now sells him because he retains so many of his helpers. Anyone wanting a good Scotch bull should go and see Scotch Fashion. Among the females that Mr. Lessman will sell is Rosemary of Maple Lodge, a daughter of the Scotch bull, Victor Chief. She has a heifer calf in the sale by Clipper Chief, a richly-bred Scotch bull that formerly headed the herd of Mr. Harry Hart, and she is bred again to Scotch Fashion. This cow is a good breeder and a great milker and one of the best individuals in the sale. Jessie Goldust is another good milker that he sells. She is also a good individual and will have a good bull calf at foot. Rose is another one of his good milkers and will have a calf at foot soon after the sale. She is a good breeder and has a splendid strawberry roan heifer in this offering. Frolic 15th is one of those popular Frantics that made the Robins herd famous. Fancy Fashion by Scotch Fashion is one of her daughters and is an outstanding heifer in this sale. This heifer weighed 500 pounds at five months old without the aid of a nurse cow. Her like has not been sold in Nebraska this year. Daisy Fashion is another good daughter of hers by the same bull. She is out of the same cow as the Sioux City first-prize heifer that Mr. Lessman won on at the Interstate Fair. He is keeping a full sister to her in his herd. Most of the young bulls that go into the sale will belong to Mr. Clark. One of the best of these and one of the best bulls in the sale will be Fame's Heir. He is a yearling son of Imp. Fame and his dam is

a daughter of Imp. Nonpareil. He is a Scotch-topped Young Mary, and the man who is looking for a good young bull to head his herd will find this fellow to be strictly all right. Mr. Clark also sells several bulls sired by Scotch Cup, Lord Bauff 4th and Gwendoline Lad. These are a good lot of bulls, are well developed, good in color and the most of them are ready to go right out and do good service. We want to call attention to the milking strains of this particular offering. There never was offered a better lot of good milking Short-horns in Nebraska than will be sold in this sale. Those who want either cows or helpers or bulls, either to head herds or to go out on the range, will find them in this sale. Write either of the above breeders for catalog and then be sure that you go to the sale.

### Last Call for the Steele Short-horn Sale.

In our last two issues we called our readers' attention to the forthcoming Short-horn sale of Mr. C. S. Steele, of Ireton, Iowa, on Tuesday and Wednesday, March 12th and 13th, and we want to repeat what we have heretofore said, that it will be one of the best sales that will be held in northwestern Iowa this year. He will sell 112 head and forty of these will be Scotch cattle. There will be three good imported cows in the sale. Two of these will have calf at foot by the noted show and breeding bull, Ceremonious Archer, and the other will have calf at foot by Lord Banff 3d, the bull that is now doing so much to bring the Steele herd to the front. Of the forty head of Scotch cattle that he will offer will be found some of the most richly-bred Duchesses of Glosters, Mysies, Orange Blossoms, Butterflies, Victorias and other Scotch tribes. These will be bred to the two bulls mentioned above and also to Sittytown Fame, the bull that formerly headed the C. S. Barclay herd at West Liberty, Iowa, and Gwendoline Lad, a son of Imp. Lavender Lad. The latter bull was formerly used at the head of the N. A. Lind herd and did excellent service in his herd. Several of the best cows in the sale will be bred to him. We desire to call attention to the great string of Scotch and Scotch-topped heifers that go into this sale. A large percent of these are sired by Lord Banff 3d and they are an unusually good bunch in every way. There will be about twenty-five bulls in the sale and there will be a liberal number of Scotch bulls among these. We consider this offering the best that Mr. Steele has ever sold from his herd. He is offering an unusually large number of Scotch cattle, as well as a great array of Scotch-topped sorts. He has issued a most excellent catalog which every Short-horn breeder should have. Write for it at once and mention The Homestead.

### Trumans' Announcement to Stallion Buyers.

The Truman Pioneer Stud Farm, of Bushnell, Ill., is making an announcement in the columns of this paper that should receive the careful attention of every stallion buyer. This establishment have always been known to have on hand at all times as choice a bunch of stallions of all the draft and heavy harness breeds as buyers will find. At the present time there are upwards of 100 head of first-class representatives of the different breeds. Great pains are being made for the coming season and Messrs. Truman are preparing to show their old and new customers some prices that will sell horses as fast as they can be brought out. Buyers need have no fear that the sale at Kansas City, March 27th, will in any way interfere with the trade at Bushnell. We are informed that all those that are to be sold in the sale have already left the barns in Illinois. The class of three-year stallions and older that are now on sale are certainly worth going to see if you are after a good type of draft stallion. Three-year-olds that weigh over a ton are big ones to say the least, but that is what you will see at Bushnell, Ill. Now is the time to buy before the numbers are reduced. If you are interested in buying a draft stallion you should get in communication with this firm. Write for the catalog to Trumans' Pioneer Stud Farm, Bushnell, Ill. Kindly refer to their announcement on page 47 and mention this paper when you write.

### Last Call for the Lone Retreat Jack and Jennet Sale.

On page 44 of this issue will be found the last announcement of the sale of the Lone Retreat Jacks and Jennets. Our readers who are interested in good Jacks know that Lone Retreat Stock Farm was owned by the late J. C. Ray, of Lawson, Mo., who was killed in January of this year, hence the sale. The entire stud was never in better shape than at the time of Mr. Ray's death, and under the management of Mr. C. F. Chamberlain everything has been well cared for and buyers will find there as clean a lot of stock as they wish to see. There is a whole string of big, black Jacks, any one of which is good enough to go into any community. Mr. Ray always had a fine string of Jennets and these will go at the buyer's price, as Mrs. Ray, the administratrix of Mr. Ray's estate, wishes to close out the entire business. There are also some high-class stallions to be sold, one a saddle-bred stallion, one Wilkes-bred trotter and two Percherons. A better place to buy will not soon be found. See the last announcement and arrange to be on hand sale day if wanting high-class stock that must be sold.

### Andrew County, Missouri, Short-horn Breeders' Sale.

On April 12th at Savannah, Mo., the Short-horn breeders of Andrew County, Missouri, will sell fifty head of Short-horns. Mr. H. R. Coffey, of Savannah, Mo., one of the younger breeders of Andrew county, will manage the sale. Other consignors are Messrs. J. H. Beattie, Rosendale, Mo.; P. W. Hishor, Rosendale, Mo.; Andrew Johns, Rosendale, Mo.; Sanford Johns, Rea, Mo.; Chas. Sweet, Filmore, Mo., and J. W. Zimmerman, Savannah, Mo. Each consignor is selling cattle of merit and animals that they think will do the purchasers good. Bull buyers will find a good string of bulls here. Watch these columns for future announcements.

## Dissolution of Partnership and Removal Sale.

March 15, 1907 at College View, Neb.

This offering of Duroc Jerseys is without a parallel in one auction for these ten reasons:

First, this breeding stock broke the world's record sow sale of 1906, averaging \$135.40.

Second, these sows again broke the world's record in fall or boar sale, averaging \$95.50.

Third, this herd again broke the world's record of 1907, averaging \$228.

Fourth, this herd produced the highest-priced pig of age from Alix II., October 16, 1906, sale.

Fifth, Alix II., acknowledged out-classer of the show yard, having the distinction of being the only sow taking first and sweepstakes at both Iowa and Nebraska in one year.

Sixth, Miss Bob, acknowledged one of the greatest brood sows of the breed.

Seventh, the greatest string of sensational prize-winning and producing brood sows and out-standing gilts in one herd.

Eighth, the greatest sire, living or dead, having fifty-seven firsts and sweepstakes prizes, and whose get have already won eighty-one firsts, champion, grand champion and sweepstakes prizes, while Kan't Be Beat's get have either topped, or sows bred to him topped the following 1907 sales: John M. Morrison & Sons, College View, Neb.; Arch Brown & Son, Waterloo, Neb.; Peek & Putnam, Tecumseh, Neb.; Grant Chapin, Green, Kan.; Kirkpatrick & Wilson, Lincoln, Neb.; Pagan, Browning & McCabe, Hersman, Ill.; Watt & Foust, Cedarvale and Xenia, Ohio; all these sales together averaging through Kan't Be Beat's value as a sire, \$113.14, while the average of the top sows directly effected was \$565.

Ninth, the only Proud Advance, Orion and Ohio Chief sows bred to Kan't Be Beat this year are from this herd.

Tenth, this one sale includes tops of more other sales than any one offering, as one-half interest in the great Kan't Be Beat and the following sows to be sold absolutely for what they will bring: Alix II., Miss Bob, Van's Lady, Ida M., Parnell B., Victor's Banner, Foust's Pride, seven Ohio Chief gilts and other topsy gilts reserved for this farm, bred to Kan't Be Beat, Morrison's Bell Top and Ohio Chief Banner.

Free entertainment at Royal Hotel, Lincoln, Neb., one of the best hotels in the West. Send for catalog.

## John M. Morrison & Sons,

Col. T. C. Callahan, Auct.

College View, Neb.

M. T. White, Homestead representative, will attend this sale and will care for all bids sent to him.

### POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Address,

JAMES WILSON & SON,

AVOCA, IOWA

### HEREFORD CATTLE.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

John Secor, - Mechanicsville, Iowa

## WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus at head of herd. The blood of Anxiety 4th, The Grove 3d, Heelod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.



## Table Backed Herefords

FOR SALE—20 two-year-old heifers, bred; 30 bulls, ages from 10 months to 26 months; 19 two-year-old bulls at Laramie, Wyo. Prices low; try me. W. W. WHEELER, Harlan, Iowa

## 40 Choice Hereford Bulls 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners. EDMONDS, SHADE & CO., Kingsley, Iowa

## HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me. E. H. DANCER, Lamoni, Iowa

## Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me. H. C. CUNNINGHAM, WESTON, MO.

## BEAU BRUMMEL

4TH 194318, First prize Hereford bull of Iowa, 1906, at Iowa State Fair. Young stock for sale by this famous bull. Mention The Homestead when writing. G. W. Way & Son, New Sharon, Ia.

When writing to advertisers please mention this paper.

### CHESTER WHITE HOGS.

### HUMBERT & WHITE'S

## "Combination" Chester Whites

THE premier herd at the Iowa and Illinois state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner COMBINATION. Write us for a Combination pig and get the quality that wins. Address, F. D. HUMBERT, Nushan, Iowa. F. P. WHITE, New Hampton, Iowa

## Pleasant Grove Herd Chester Whites

BOARS all sold. Have to offer 25 bred gilts which are bred to my famous boar, White Leader 16512. Greatly reduced prices until February 10th. Write me your wants. Address, J. M. JANSSEN, R. R. 3, P. O. Box 627, Sibley, Iowa

## White Oak Herd of Recorded Chester Whites

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, phone or come and see them. J. W. TROY & BROS., Iowa

Rose Hill, Nebraska Co., Iowa

## Chester White Spring Pigs All Sold.

111TS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## Chester White Hogs

30 smooth, well quartered, strong boned young sows, bred to high class matured herd boars for late March and April farrow for sale. Write W. W. VAUGHN, MARION, IOWA.

## Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best. GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

A FEW GOOD O. L. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.



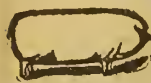
CHESTER WHITE HOGS.



SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

MAPLE GROVE CHESTER WHITES.



BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize JIL State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

W. F. HEMMERLING,

DIKE, GRUNDY CO., IOWA

Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS,

R. F. D. 6

GENESEO, ILLINOIS.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a levy of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Douohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jun and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

WHEATLEY AND WARD'S ANGUS CATTLE—Bulls For Sale

GOT by Maplehurst Proteros 47351, Hale Lad 2d 42497 and Gardner's Pearl Rosegay 52637 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

WHEATLEY & WARD, King City, Missouri

Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell at a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

PLEASANT HILL ANGUS. SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners. J. Nissen, Meservey, Cerro Gordo Co., Iowa

ABERDEEN ANGUS bulls for sale, of the fashionable families: Queen Mother, Erica and Drumlin Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

SHORT-HORN CATTLE.

BANNER'S VICTOR 242584 FOR SALE

2D PRIZE YEARLING SHORT-HORN BULL in Iowa, special class at Iowa State Fair, 1906. Road just past 2 years old. A splendid Short-horn individual in splendid condition. Grandson of Cumberland. Address,

C. R. Warren, - Glenwood, Iowa.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Jas. E. Stephenson, Alburnett, Iowa Other Creek Stock Farm.

WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,

M. D. YARD, Crawfordsville, Iowa

CEDAR LAWN Short-Horns and Polled-Durhams. Ten blocky bulls for sale, ranging from six to twenty months old. Sired by Orange Bud 135864 and Athenian Prince X1773. Prices right. Address, J. Z. Schneider & Son, Letts, Iowa.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Mahie Valley Stock Farm.

When writing to advertisers please mention this paper.

SHORT-HORN CATTLE.

NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Gollman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Gollman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN,

Mentioning the Homestead,

NEW SHARON, IOWA.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

EVERGREEN STOCK FARM SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,

Vinton, Benton Co.,

Iowa

15 Cruickshank and 15 Cruickshank-Topped Bulls 15

FOR SALE—From 10 months to 2 years old. All reds but one roan. Mostly all sired by Baron Kerr 2d 138495. They are the most valuable lot for herd headers that we ever had at any one time. If you want a herd bull send for our bull catalog and come and see them.

OWENS BROS., - Homestead, Iowa

SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Marr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 16th dam of White Hall Marshall. They are five individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, - Unionville, Mo.

HUGHESDALE REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anson, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

ARDMORE SHORT-HORNS.

10 Scotch and Scotch-Topped Bulls For Sale 10

Sired by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206994. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

ARDMORE STOCK CO., - Iowa

MALAKA SHORT-HORNS.

Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me.

H. D. PARSONS,

Newton and Baxter,

Iowa

Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Roux Archer heads herd. Write for private catalog.

W. H. SCHAFER, KEANSBURG, - ILL.

WAYSIDE SHORT-HORNS

G. H. BURGE, Pron., MT. VERNON, IA.

6 Bulls for Sale 6

INCLUDING one Scotch Missie out of Mildred (the twin with Money Musk), that I think is the best bull I ever bred.

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - Newton, Iowa

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

JONES CO. HERD OF (Sittouk Sort 173649) Short-horn Cattle (Wapuan of Wayside 243046)

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrell & Son, Props., - Oxford Junction, Ia.

When writing please mention this paper.

NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,

Kirksville,

Missouri.

Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duchess of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR & SON, Davenport, - Iowa.

CATALOG

Of Young Bulls For Sale Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY

Room 316 Flynn Building,

Des Moines,

Iowa

BARGAINS IN SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,

ALBION, IOWA,

or LISCOMB, IOWA.

CRUICKSHANK BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

WILDWOOD SHORT-HORNS

ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,

W. W. VAUGHN,

Marion, Iowa

DUROC JERSEY HOGS.

25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen,

Odel, Ill.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

FOR SALE—Forty Duroc Jersey bred sows and gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free livery, Buckeye, Iowa, mail, Alden, Iowa. J. W. Briggs.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

FOR SALE—Duroc Jersey gilts bred for April and May farrow to Golden Tip 17911A, also a few boars sired by Red Champion 12351A. Prices reasonable. Write, F. Bowman, Eldon, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

GILTS! GILTS! GILTS! Duroc Jerseys. Address, The Roycroft Farms, Mutual Phone 794, Des Moines, Iowa

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeson, Iowa.

L. H. ROBERTS & SON, PATON, IOWA. CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

When writing please mention this paper.

10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

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(Mention Homestead.)

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Of Excellent Breeding and Quality by Car Loads?

FARM sold and cattle must go before March. Western cattlemen, here is your chance to buy registered Angus cattle for less than they are worth. Breeding cows, heifers and young bulls. Address,

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Tiffin, Ohio

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HERD headed by Patriot Boy 71682 by Proteros 35980. We have a number of young bulls 9 to 12 months old, one a show yearling. Also some cows and heifers of leading families. Farm seven miles from town. Call or write.

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FOR SALE—Eight young bulls, Scotch and Scotch-topped from 8 to 18 mos. old and from such families as Imp. Generosity, Rosemary, Crocus, Strawberry and Charlotte, got by the Cruickshank Victoria bull, Craven Archer 174012; also a few cows and heifers. Come and see cattle or write. A. A. Rogers, Inwood, Lyon Co., Iowa. Yards 9 bks. from depot.

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON,

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G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

Imp. Fashion Favorite 149580 FOR SALE.

Also a few very choice young Scotch Bulls.

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BEAVER CREEK SHORT-HORNS. SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

N. A. LIND,

Rolfe, Iowa

When writing please mention this paper.



# Administratrix Sale Of "Lone Retreat" Stock Farm's

**Jacks and Jennets and Stallions--Friday, March 15th, at farm near Lawson, Mo.**  
**20 JACKS--YEARLINGS TO 9 YEARS OLD. PAST YEARLINGS ARE 14 1-4 TO 16 HANDS HIGH. 6 JENNETS FROM 3 TO 9 YEARS OLD, 4 COLTS**

Bryan 280, one of the greatest jennet jacks in America, is included. Among the stallions is the famous Jarvis 2578, a black beauty, Spion Kop 32804, a Wilkes-bred trotter. Turc 44093, a black Percheron, and Ben Hur, a bay yearling Percheron. This stock must be sold to settle the estate of the late J. C. Ray. Sale starts at 1 p. m. Lawson--On C. M. & St. P., and Santa Fe Rys., 42 miles northeast of Kansas City and 48 miles southeast of St. Joseph. Farm located in northeast corner of Clay county, 4 1/2 miles east of Holt, on C. B. & Q., and C. R. I. & P. Rys. For catalogs, write

Harriman & Sparks, Auctioneers.

MRS. LENA M. RAY, ADMX., OR C. F. CHAMBERLAIN, MGR., LAWSON, MISSOURI.



## DUROC JERSEY HOGS.

### A FEW CHOICE GILTS

Bred to Hanley 42345 and Helen's Tip Top Notcher 47489

THE highest priced Duroc Jersey boar ever sold at auction. The sows will farrow in March, April and May. Write for prices and descriptions. Address,

McNEIL BROS.,

BOWEN, ILL.

Kindly mention Homestead when writing.

### FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & McCABE,

Hersman, Brown Co., Illinois

### KENTUCKY'S NOTED DUROC HERD

COMMODORE 13381, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d.

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### WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come

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### CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

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MANSON, IOWA.

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DECATUR, INDIANA.

### 80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

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THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

### KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON,

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### Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN

Waterloo, Neb.

### FOR SALE.

I AM offering a few Duroc boars, sired by Proud, Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett,

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### Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Patten, Sinton, Nebraska

### State Road Herd Duroc Jerseys

A NUMBER of choice boars of March and April farrow; the growthy, prolific kind, weighing 200 lbs. or better. Also a fall yearling that is extra good.

R. D. 1

JOS. SKINNER & SON, BEDFORD, IA.

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SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

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80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.

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THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.

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Shipping point Iowa City.

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SHORT HORN BULLS. BRED DUROC GILTS.

REID'S YELLOW DENT SEED CORN.

Priced low and guaranteed.

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Nothing now for sale.

Best of blood represented.

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OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 48087, a son of Kait Be Best. They are safe and ready to ship. They are sired by Top Notcher's Model 37663. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

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### 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about the last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO.,

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### GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize winner. Farmers' prices on boars.

Rood Bros., (Swine Specialists), Luke Park, Ia.

HAVE a few good Duroc bred sows for sale, bred to Chief Knight and Imp. King. Also have a few extra good Sept. male pigs, sired by Ham's Challenger 31277. They have good length, extra broad with good bone and feet. To make room for spring pigs will be sold at very reasonable prices. F. A. Hann, Sharonville, Nebraska.

### DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Nidlinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$75.80, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IA.

### 10 Head of Junior Jim Gilts

FOR SALE--Last of April and May farrow. Bred to furrow in May. Will weigh 250 lbs. or more. Bred to Long Affix and Redwood Chief.

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### \$35 BRED SOWS \$35

I have a few very good Duroc sows bred to Top Notcher Chief, Fancy Orion Chief and Helen's Tip Top Notcher II, which I will sell at \$35 each. Order at once.

H. B. GRIFFITHS, Howen, Ill.

### 20 Duroc Jersey Gilts

AND 6 yearling sows, bred, all choice ones. Write, S. M. Dwyer & Son, Mason City, Iowa.

### 40 DUROC-JERSEY BOARS. 40

CURED by Chief of Chiefs, a son of the great S. Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

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WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butta.

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GOOD, large, young, lively heavy bone Kentucky Mammoth Jacks at reasonable prices. These jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



## DUROC JERSEY HOGS.

### GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

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### Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II., 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

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Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

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### JACKS

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And the largest number to select from and at the lowest prices.

Please write for photographs of stock.

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75 Kentucky Bred and Imported Jacks For Sale.

We have more good jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

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### Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

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### Heavy Weight Berkshires

ATTENTION! Are your hogs too small and blue boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

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I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,

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Large, Improved English Yorkshire Swine. F. Rabeler, Prop., Leigh, Neb.

I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Only Lodge Minstrel 8th 1855 and O. L. Fusiller 6143, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

### LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

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## 50 Tecumseh and Perfection Bred Polands

At Redfield, Iowa, March 13, 1907.

Mature sows and gilts sired by Sweepstakes boar, Young Tecumseh 3d 94104, bred to Longfellow Jr. 121403. A very choice number bred to Dietrich's Darkness 91453 and Osborne's Perfection 2d. An offering of superior merit. Plenty of size and bone. Send for catalog. Trains met at Dexter on Rock Island Railroad.

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50 BIG POLAND CHINA SOWS  
AT PRIVATE SALE

Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.

SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

E. F. ESCHER,  
Manning, Iowa

GAY MONARCH, The 1,000 lb. Boar.

WELLMAN HERD OF RECORDED POLAND CHINA  
SWINE AND SHORT-HORN CATTLE.

100 FALL and summer pigs, three to seven months old. 64 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G's Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scotch Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.

40 RICHLY BRED POLAND CHINA SOWS  
AT PRIVATE SALE.

Sired by such noted boars as Chief Perfection 2d, Top Chief, Ideal Tec. and other noted sires. Most of them are bred and safe in pig to Immense, a prize winner at Ohio State Fair. Others bred to Perfection Grand. Write for description and prices.

E. H. ANDREWS,

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## 45 POLAND CHINA BOARS 45

Sired by Immense 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY &amp; SON,

DEFIANCE, IOWA.

50 Poland China  
BRED SOWS.

Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, Lanark, Ill.  
On C. & St. P. R. R., 120 miles west of Chicago.  
20 miles east of the river.

HOMESTEAD Herd Poland Chinas. Have on hand several strong spring gilts by Keep On 2d, Come On, Contractor, L. & W's, Perf. 2d and Monner's Perf. and other sires; gilts from Perf. E. L., Perf. Likeness, Perfect Keep On and other dams. All bred for March, Apr. and May farrow to my Chief Perf. 2d boar out of Keep On dam. J. H. Barker, Mazon, Ill.

POLAND CHINA BOARS  
Of the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## POLAND CHINA BRED SOWS

BRED to Perfect Quality, Mo.'s Top Chief and Growthy Expansion by the Great Expansion.

SANDQUIST BROS., Oakland, Neb.

PERFECTION HERD POLAND CHINAS.  
SPRING gilts, fall yearlings and mature sows bred to Deer Grove Chief and Matchless Keep On for March and April farrow. Also fall pigs of both sexes for sale. These are of the big boned, easy feeding kind. Prices reasonable.

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POLAND CHINA SOWS—Sired by Waggoner's Giant 102973, a 900-lb. hog, with 10½-inch bone and bred to Corrector 3d 119423, he got by the World's Fair winner Corrector 2d 87699. These are good, roomy sows, good length of bone and well quartered, with good con. They will be priced right. J. F. Waggoner, Rural Route 2, Olin, Iowa.

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## Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 bull Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAWER & DEUKER,  
Kulona and Wellman, Iowa.

Willowdale Herd.  
Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

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SALE.

M. R. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Pure Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

25 BRED Poland China sows, will farrow in Mar. to May, sired by Corrector, Hustle On, L's Tec. 2d and others; safe to Hustle On, Perfect Spellbinder, Correct I Know Jr.; weigh from 225 to 450 lbs. S. H. cows, heifers and bulls; 50 R.C.B. Leghorn chicks. Fred Ebendorf, Strawberry Pt., Ia.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Hannibalville, Illinois.

GROWTHY POLAND CHINA GILTS  
BRED to first-class herd boars for March, April and May litters. Parents big boned, mature stock of best breeding. Gilts 200 to 240 pounds, \$20 and up. Short-horn and Polled Durham cattle, all sizes at attractive prices. Address,

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POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L's Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lauham, Battle Creek, Iowa.

W. H. JONES, CLEMONS, IOWA  
POLAND CHINA SOWS AND GILTS

GOOD profitable breeders, growthy, lengthy and right in bone. Sixteen years' breeding experience. Mail orders a specialty.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Matchless Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.

M. G. Arnold, Strawberry Point, Iowa

CHOICE POLAND CHINA GILTS  
BRED to M's Perfection, a splendid hog sired by Matchless Perfection Jr. If you want something good at a reasonable price write me. Address, F. L. Morse, Floyd, Iowa.

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## THE LAFAYETTE STOCK FARM

J. CROUCH &amp; SONS, Props.

Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 championships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equalled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

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Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 6 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.

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Best and largest collection of Belgians in America, imported and home bred; 8 mi. west of Cedar Rapids on 2 railroads. The greatest Belgian horse market in America. Cedar Rapids and Iowa City elec. car passes 3 mi. E. of farm every hour. Come and see or send for catalog. H. Lefebure, Fairfax, Ia.



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IMPORTED and native-bred, ranging in age from 3 to 6 years old and weighing from 2,100 lbs. to 2,200 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered.

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IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

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IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CHESTON, IOWA.

20 IMPORTED Percheron stallions arrived Jan. 4, 1907. Your choice, but one, for \$1,000. Also home-bred stallions. Frank L. Stream, Creston, Ia.

PERCHERON AND SHIRE STALLIONS. Prices from \$200 to \$600 each. Address, E. Fugler, Yates Center, Woodson Co., Kansas.

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## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evert, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1936 M. 1.

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I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

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EITHER sex for sale. Have show stock. Duroc Jersey swine. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

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R sexes, at reasonable prices. Frank L. Pim, Lucas, Iowa.

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Percheron and  
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CEDAR RAPIDS JACK FARM,  
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Stallions and Mares  
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Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

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Address, A. H. BRETT,

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3 Clydesdale Stallions  
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2 will be 3 years old this spring, 1 will be 2 years old this spring.

THEY are of the best of blood the sire being full of Top Gallant blood and the dam being by Glenlyon by the celebrated Lord Erskine.

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THE BEST IMPORTED STALLIONS

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# PERCHERONS

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**SIoux CITY, IOWA, WEDNESDAY, MARCH 20TH**

**70 Registered, Stallions, Mares and Fillies**



**OLANTHE**, Champion mare at Iowa and Minnesota state fairs, and the Chicago International, 1906.

FOR the reason that many of our former customers were unable to fully supply their wants at our December sale, we have decided to hold a March sale. We will offer at this time 25 head of choice stallions, including all we had reserved for sale at private treaty, among them some of our State Fair and International winners; also 45 of our best mares and fillies. Many of these mares and fillies we had intended for our own breeding, but have decided to catalog them, as we want to make this sale unusually attractive. Most of the mares are bred to the world famous CALYPSO and the Champion OLBEIT. Send for catalog.

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## His Majesty, King Edward VII, of England, and Lord Rothschild's Exhibit of Stallions Were Purchased by ROBERT BURGESS & SON at the International Exposition at Chicago, 1906.

Winnings 1906 Demonstrating to the Public the Superior Quality of Our Stud:

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| Champion Percheron Stallion at the Kansas state fair.            | Second Five Best Belgian Stallions at the Illinois state fair.           |
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| Champion Shire Stallion at the Illinois state fair.              | Second Best Five Belgian Stallions at the American Royal, Kansas City.   |
| Champion Shire Stallion at the American Royal, Kansas City.      | Second Best Five Percheron Stallions at the American Royal, Kansas City. |
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| First Best Five Percheron Stallions at the Kansas state fair.    | Best Imported Shire Stallion at the Chicago International.               |
| First Best Five Belgian Stallions at the Kansas state fair.      | Best Five Shire Stallions at the Chicago International.                  |
| First Best Five Shire Stallions at the Illinois state fair.      | Reserve Champion Belgian Stallion at the Chicago International.          |

Our aim is to give our customers the entire benefit of the profits which have been going to the salesmen and to the helper who is assisting in placing the stallion in your neighborhood, who usually is one of your own neighbors (the most influential man of the neighborhood), whose influence is obtained by a large commission paid to him by the seller placing the stallion. The long-time notes, from three to five years, have to be discounted heavily or carried by the seller, making the cost of the stallion from TWENTY-FIVE HUNDRED to FOUR THOUSAND DOLLARS. The quality of our stud, mind you, is the same standard as heretofore, the best that money can buy, selected by the senior member of our firm, who is conceded by all to be the most competent man in the business. WE KNOW WE CAN SAVE YOU AT LEAST 50 PER CENT. IF YOU HAVE TO HAVE A COMPANY TO HAVE A HORSE IN YOUR NEIGHBORHOOD, FORM YOUR OWN COMPANY and come to the barns. BE CONVINCED THAT YOU CAN SAVE from \$1,000 to \$1,500 which has to be paid to this influential neighbor or neighbors to sell you a horse.

Good American-bred stallions, \$800 to \$1,000. First-class imported stallions, \$1,200 to \$1,600. Choicest stallions a little higher.

We ask all intending purchasers to visit our stables, where we have over 300 head of stallions to select from—SHIRES, PERCHERONS, BELGIANS and HACKNEY STALLIONS. Come to Wenona and deal with Bob Burgess, who has been in the business over thirty-two years—longer than any one man in the stallion trade—and we guarantee to make every deal satisfactory to you. Get your guaranty and insurance direct from headquarters. Visit our barn and see the class of horses we are selling for the money. The reason that we ask the above of you is that Bob Burgess is the oldest importer in the business, the largest importer, and has the quality of stock that will suit the people, is perfectly good for the guaranties and will sell to you more good horse quality for less money than anyone. Come to the barns and get the most reasonable terms that can be offered.

Send for illustrated catalog and calendar.

## Wenona, Ill.

**Wichita, Kan. Apply Rosberry & Coon.**  
**Dawson, Neb. Apply Leroy Judd.**

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individually given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with an unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

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## FIRST ANNUAL SALE Percheron Stallions



**Carroll, Wayne Co., Neb.**

**March 14, 1907**

### .. 12 HEAD PERCHERON STALLIONS ..

Consisting of six imported, from four to six years old, 1,800 to 2,100 pounds; six American bred, consisting of three yearlings, two two-year-olds and one five-year-old, 1,400 to 1,800 pounds. Extra heavy bone and good action will be found in every number offered. They are all blacks and dark grays. Every horse goes without reserve. Everything guaranteed. Farmers, form a company and buy one of these good kind, that produce \$200 to \$350 drafters.

**Also 5 choice Registered Polled Durham Bulls from 10 to 17 months old. Send for catalog.**

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Carroll is on C., St. P., M. & O. R. R., sixty miles west of Sioux City, Iowa, and 120 miles northwest of Omaha.

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YOU want an imported stallion of purest breeding. With a short back, upleaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. OURS ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.

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Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.

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When writing please mention this paper.

PERCHERON STALLIONS AND MARES FOR SALE. Blacks and grays. Nady Brothers, Fairfield, Iowa.

When writing please mention this paper.



HORSES.

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We wish to announce to the PROSPECTIVE BUYERS of STALLIONS that we have at the present time in our stables at BUSHNELL, ILL., upwards of 100 OF THE VERY CHOICEST SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS and we are offering them for sale at VERY LOW PRICES, taking the EXTREME QUALITY of the HORSES into consideration. We have rising THREE-YEAR-OLD stallions weighing up to 2,130 pounds and MATURED STALLIONS up to 2,300, full of QUALITY with MASSIVE, HARD, CLEAN BONE AND GOOD FEET. Our sale at Kansas City March 27th in no way interferes with our trade here, AS THE STALLIONS ARE NOW IN OUR STABLES THERE.

Never in the history of our business have we had so many FIRST CLASS STALLIONS as at the present time and in order to accommodate ANOTHER importation that is ready to leave England, we are making SPECIAL PRICES ON OUR STALLIONS IN ORDER TO MOVE THEM.

It is our endeavor to sell IMPORTED STALLIONS AT THEIR VALUE and to this end have been working ALL THE TIME TO GET BUYERS HERE TO SEE THE STALLIONS. We have never had a BUYER GO AWAY DISSATISFIED, but all say we have the BEST lot of DRAFT STALLIONS they have ever seen. If you are going to buy a DRAFT STALLION this season PLEASE WRITE US.

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Percheron, Belgian, Shire, French and German Coach Stallions.

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A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.



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Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition. Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

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LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

**FOR SALE:** Imp. Shire Stallion Post Right Stamp 5704, ten years old, 2,280 lbs., in show shape. A prize winner in England, 1st at Illinois State Fair, and 2d at the International, 1900. "Peaches and Cream." Come or write. Address, T. A. Stevenson, Shannon City, Iowa.

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I have a choice pure bred three year old stallion, sired by the great MacGregor horse Imp. McLure, and out of the Cedric horse, Prince Darnley, for sale at reasonable price. Come and see him. Laban Harrison, Prescott, Iowa.

HORSES.

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs was the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE;" "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 102 Percherons, Belgians and Coachers 102

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." ALL REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES;" they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

KEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holier." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

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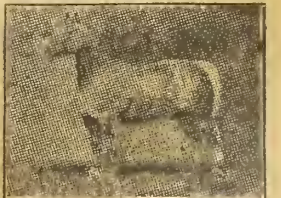
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Here's how I save you money on scales of high quality. Other scales, including the high-priced pit scales, are sold through Jobbers, Dealers, Agents and Salesmen, who all take their profits out of the scale by the time it reaches you, the user. My new Direct-from-Factory Selling Plan now saves you all these middlemen's profits, because I have cut out absolutely everyone who stands between you and me in the sale. You now pay only one small profit on the "KNODIG" over and above the actual cost of labor and materials in producing it.

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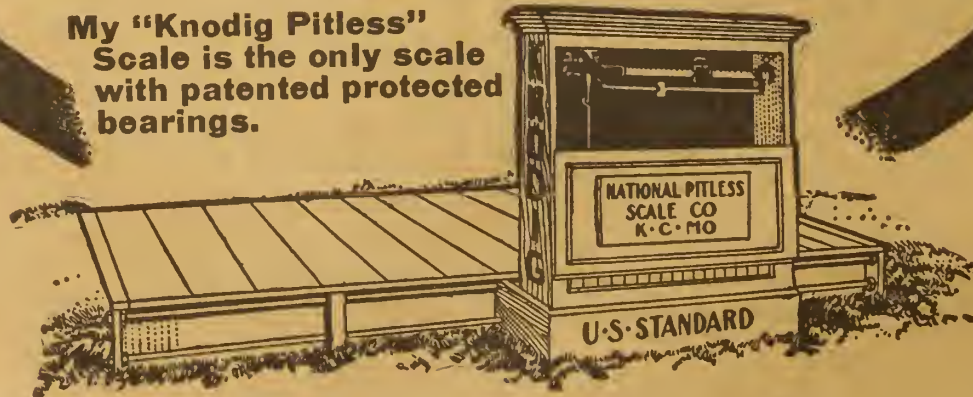
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VOL. LII. NO. 11.

DES MOINES, IOWA, MARCH 14, 1907.

WHOLE NO. 2591

#### SOME HINTS ON PUBLIC SALES.

The following communication has been received from one of our subscribers, Mr. F. G. Miner, of Hancock county, Ill.:

Since disposing of their surplus stock and crops at auction has become a common practice among farmers and breeders, a few timely observations will surely be in order. The writer has had the privilege of attending a number of auctions of various kinds and has observed a number of ways of conducting sales.

We all like to make good sales of our own, and ought to enjoy equally as well seeing our neighbors doing as well or better than we do. So many times we hear one commenting on someone's sales and how low the animals sold. Many times this is due to the management. We remember one sale during the short-grass season of 1906 where the stock sold very low. This, we believe, was due to the owner's brother, who bought quite heavily. It so turned out that the brother paid for nearly all he bought.

At another sale a farmer put up a mare that he said was ten years old. The buyer after purchasing began to make inquiry and learned that she was twenty years old. The buyer had a sale about a year later in the same neighborhood, and to the surprise and satisfaction of all he told the whole story and then added that her true age was twenty. The former seller was compelled to hear the story in this public way, much to his discomfort.

Farmers are not alone in this. Noted breeders come in for their share of condemnation. A few years ago we knew of a breeder who heralded in big letters the merits of his cattle. We attended, but, we are pleased to say, did not invest. Some of our friends spent \$500 for cows that never bred after their new owners bought them, and others were very slow breeders. This the owner certainly knew. Recently we attended a pure-bred sale. Some of the animals were dragging along and a member of the family who was acting as clerk commenced bidding. Some of the animals were sold to him. He neglected (?) to keep any account, and before the sale was over some of the same animals were brought in for the auctioneer to sell again.

These are only a few of the sales we have attended and we are pleased to say that not all are thus conducted. We have attended sales that gave everyone as square a deal as could be given. This we admire and is as it should be. We like to buy at auction when it is properly conducted, because we know we are getting honest treatment. In selling, of course, tell all the points of superior merit, then if there is anything that would detract from the value, tell that as well. Your friends and neighbors are at your sale by your invitation, to help you get the value from your stock, so why not give them the treatment that is due them by giving a "square deal" to all?

Men who have had no experience in holding public sales can profit by the few hints thrown out by Mr. Miner. Take the matter of by-bidding. When it becomes known in a sale crowd that this is going on men almost shut up like a clam, and no man who ever expects to hold a second sale should resort to it under any circumstances. We have known cases where men have practically put themselves out of business, insofar as being able to sell by public auction, on account of getting up their reputation for by-bidding methods.

When it comes to the matter of guaranteeing any article or any animal sold, no man can afford to be anything but square. This applies as well to the ordinary farm sale as to pure-bred offerings. To establish a reputation for absolute honesty is to create an asset of large value.

The auction ring will always be an important factor in selling pure-bred live stock, and if one will but build up a reputation for honesty it is possibly the best medium for the man who is what might be called an extensive breeder. Some of the most profitable sales held annually are those of men who have from the first made a practice of standing behind, with a genuine guaranty, everything sold. A study of the methods employed by these men

indicates that while occasionally a "crook" takes advantage of their liberality in guarantees, yet in the main they find it good business to be liberal in a guaranty of blooded stock. There are plenty of men who would pay half more for an animal when they know for a certainty that it is just exactly what it is represented to be.

#### SHOULD CORN STALKS BE BURNED?

The following communication has been received from an Iowa subscriber, Mr. P. P. Nissen:

I have a field of very heavy corn stalks that has not been pastured and I would like to ask if these stalks should be raked up and burned, or would it be better to disk the land, thereby cutting up the stalks, it being my intention to sow barley and also seed down to grass? Would the better preparation of the seed bed which would naturally result if the stalks were removed more than offset the value of the stalks to the soil?

While we are not in favor of a soil-robbing policy, at the same time the fact cannot be lost sight of that men are more interested in the next crop they are to raise on a given field than they are in succeeding crops. If, for example, there is any plan by which we can obtain a yield of forty or fifty bushels of barley per acre without reference to what effect the crop will have on the land, that is the method that most of us are anxious to use.

Corn stalks do not furnish very valuable humus-making material and, considering the fact that unpastured stalks offer a good deal of opposition to the working of farm machinery in the spring, we believe that the better plan is to break them off some frosty morning, rake them up when they are dry and fire them while they are in the windrow. You can then go after your soil with your disks and harrows and prepare an ideal seed bed. On the other hand, we have seen instances where even after disking a soil four times when the stalks were on the surface there were

little patches here and there that were never touched. As a result seed is not covered uniformly under these conditions, and, naturally, one cannot expect a perfect stand of grain, nor can he expect the grain to come on uniformly.

Although by recommending the burning of stalks we realize that this means the waste of a certain amount of fertility, yet our belief is that one can so much more effectively restore fertility to the land by rotating with legumes than by attempting to bring it up with old corn stalks that the better policy is to handle land in such a way as to obtain the largest possible yield.

By removing stalks from the surface and then disking twice before sowing the grain, and, if possible, giving the surface a single or double disking afterwards, there is no reason why, under average climatic conditions, that a forty, forty-five or fifty bushel crop of barley cannot be grown.

It is especially desirable that the surface be freed from stalks when it is the intention to seed down to clover and timothy. If the stalks are removed, the work done by the implements in the spring will prepare a much more ideal seed bed for the grasses, while this plan will make your first hay crop much cleaner. If a heavy coating of old stalks remain on the surface, a goodly percentage of these will rake up with the hay so that one has to perform the labor of taking them off along with the hay and at the same time obtain no benefit from them whatever.

Both in preparing land for small grain and corn we have adopted the policy of burning the stalks in every instance, and believe that it pays well to do it.

#### MIXING BARLEY WITH WINTER WHEAT.

The following inquiry has been received from a subscriber, Mr. L. R. Sherman:

I have a field of winter wheat that shows

rather a poor stand at the present time. Now, I have wondered if it would not be practicable to sow a little barley early this spring, so as to thicken it up and therefore get more out of the land this year.

We have never known an instance where this experiment was tried out, but, knowing the habits of both crops, we are of the opinion that it would not be advisable to sow the barley.

In the very necessity of the case the winter wheat would have such a start on the barley that it would practically intercept its growth, and even though it should not affect the growth of the barley in bare places, the two crops would in all probability not mature at the same time so that one crop or the other would be at least partially lost at harvest time.

It will be fortunate if under circumstances of this kind it is convenient to sow timothy and clover with the wheat. If the surface is well harrowed in the spring after sowing the seed, the chances are that an excellent stand will result because a light growth of winter wheat will not choke out the young plants.

#### WILFUL MISTAKES IN THE JUDGING RING.

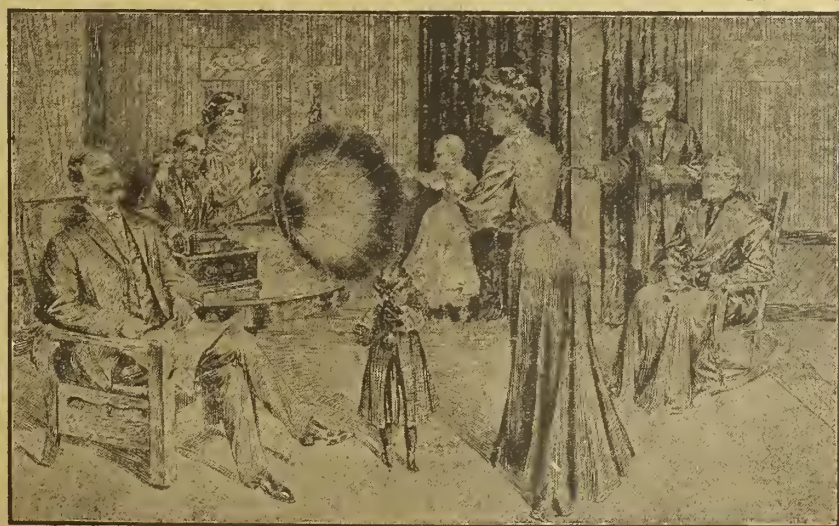
At the annual meeting of the Iowa State Board of Agriculture an address was delivered by W. Z. Swallow on the subject of showing hogs. Mr. Swallow is one of the pioneers in the breeding of Poland Chinas, having been in the business constantly for more than forty years. During this time he has also been a regular exhibitor at state fairs and consequently has had unusual opportunity to study the judging situation.

In his paper at that time, after stating that on the whole the judging done at the state fairs now-a-days is mostly right, he refers to a case where, in his opinion, a decision was rendered that worked harm to swine interests. On this point Mr. Swallow said:

I will say that the occasional and inefficient or dishonest judge is a most aggravating fellow, whose power to harm the industry is a matter for serious consideration. Its misleading influence is far reaching and may be a means of damage and disappointment to innocent men who depend upon it. An instance of this came under my observation at the recent International Live Stock Exposition at Chicago. In one class a prize was awarded purely because of a personal opinion of a judge who absolutely ignored breed characteristics and failed to give consideration to the objects of the show or to comparisons that should have entered into the competition. As a result of that decision, breeders who did not attend the show will be misled in the idea as to what is the popular and profitable type.

Reference is here made, no doubt, to the class lined up at the International for the grand championship individual barrow prize. As stated in our report of the International, the winner of this prize was a 600-pound bacon hog. He was smooth, mellow, and was an extra good type of a hog for his breed. There were in the same ring an extra good Poland weighing 430 pounds and a snug Berkshire weighing about 250 pounds, also a heavy and rather smooth Duroc. In putting the premium on the big bacon hog it is apparently thought by Mr. Swallow that harm was done to the swine industry in general. If a car load of 600-pound hogs would have topped the market on the day that the ribbons were placed, the judges were right in placing the ribbon as they did; but, if there were hogs in the ring that would, by the car load, outsell the prize winner, then someone blundered seriously.

With the increase in the market of vegetable fats to take the place of lard



Interesting Phonograph Announcement.

"We take it for granted that wherever this paper goes there is a desire on the part of its readers to have attractive homes. If the members of the family do not find entertainment at home they will seek it elsewhere. Ten to one the average lively boy will spend enough money in one year on cheap shows and various other amusements to pay for a good phonograph. It seems quite likely that this very paper contains an opportunity that you have been looking for. To make the home cheerful is the mission of the Edison Phonograph. The new style model for the year 1907 embraces all the desirable features in the construction of this instrument. The list of records is now larger and more complete than ever before. It contains everything that can be heard at the best lectures, concerts, choruses, operas, or any other entertainments. A special offer is now being made that should prove especially interesting to those who expect to purchase a good phonograph. Think of the enjoyment you can have with one of these entertainers after the toll of the long summer days that are coming. Read the advertisement on the last page of this issue and look for the coupon in one corner, which you are to send to Frederick Bahson, Mgr., Edison Phonograph Distributors, Chicago, Ill.



one can understand that an exceedingly fat Poland weighing 430 pounds might not be regarded as a top hog, even though he may be perfect in conformation. The lard in such a hog is undoubtedly a lower-priced product than would be a leaner class of meat. The question is, did the big bacon hog furnish this class of meat? In other words, is heavy lean bacon and heavy lean hams and shoulders higher-priced meat when placed on the block than lard?

This is a question that will bear debate, and if any of our readers have clearly defined ideas on the subject we shall be glad to hear from them.

### MAMMOTH CORN EXPOSITION PLANNED

More than a year ago members of the Commercial association of Chicago began working for a corn exposition to be held in Chicago. At that time more than \$50,000 was pledged for this work. It was decided to wait until the fall of 1907, at which time the first great corn exposition will open. Last week the members of the Commercial Association who have this matter most at heart met and organized the National Corn Exposition, electing officers and appointing committees. It was decided to expend something like \$150,000 on this exposition, a goodly proportion of which will be paid out in prizes. According to present plans the date of the exposition is from October 5 to 19, 1907. Adequate facilities will be secured for holding this big show. The building will be elaborately decorated, but the central idea of the great show will be "education."

Culture of corn has become a science, and it is the desire of the management to demonstrate that it is possible for the average corn grower to produce greater yields and better quality than heretofore. During the past ten years the matter of seed selection has been worked out and it has been shown that by this alone, it is easily possible to increase the yield from two to ten bushels per acre. It is possible to select seed properly only when the grower has become familiar with the proper type of the ear, bearing properly shaped kernels, possessing good germinating qualities and high vitality. These points will be illustrated at the great show and the object lessons here presented will be of inestimable value to corn growers everywhere.

It is the desire of the management to make the corn exposition as valuable to corn farmers as the International Stock Exposition is to stock raisers. The worth of this latter exposition has been fully demonstrated. It is even easier for the corn grower to improve his product than it is for the stock man. Consequently, the benefit which will come to corn farmers throughout the United States through the effort of Chicago's business men cannot be calculated.

The details for awarding of premiums have not yet been worked out, but in a general way are very liberal. Cash prizes will be offered and these will be so distributed that every corn section of the United States will be rewarded, provided it participates in this exposition. There will probably be state prizes, probably district prizes and certainly prizes for the farmer, the farmer's wife, the farmer's son, the farmer's daughter, etc. If, for example, Connecticut grows good corn, prizes will be arranged for that section. It may not be possible for Connecticut growers to compete with Illinois or Iowa in certain respects, but it will be easily possible to arrange the premium list so that the New England growers will receive a just compensation for this effort.

Corn farmers of the United States are urged to better this great show now. Let them select their seed with that in view, picking out ears that are uniformly true to type and with a high percentage of germination. Let them select a first-class piece of land, prepare it carefully, plant the corn at just the right time, cultivate it thoroughly, and be in position to select show samples when the time comes. Every locality should bear this in mind and take a personal interest in seeing that the visitors in the great corn exposition know just what that locality can present.

The exposition will be a success. This goes without saying from the fact that Chicago push and energy is behind the movement. The men having the exposition in charge are the leaders in Chicago business enterprises. They are used to handling large propositions. They propose to make this the greatest thing

on earth and this is the same as saying that it will be the greatest thing on earth.

### COW PEAS FOR SEED AND HAY.

A large number of inquiries have been received from subscribers during the last few weeks requesting that some information be given relating to cow peas. In replying to these we cannot do better than refer to a bulletin published by the Kansas Experiment Station dealing with this crop, as it is used for seed, forage, ensilage and green manure. According to this bulletin cow peas should be planted for seed in rows about three feet apart, dropping the peas about two to three inches apart in the rows. A common grain drill may be used as a planter by stopping up part of the seed cups. Set the drill to sow about two bushels of wheat per acre. When seeded at this rate eight to ten quarts of peas are required to plant an acre. Do not plant until the soil is warm, usually not before the first part of June.

Varieties of cow peas adapted for growing in southern Nebraska, Kansas, Missouri and southern Iowa are: New Era, Whip-poor-will, Taylor, Early Black Eye, White Giant, Warren's New Hybrid, and Michigan Favorite. These varieties planted by the first of June will mature in about 110 to 120 days. The advantage in growing early or medium early maturing varieties in the more northern states is that these varieties may be grown either for seed or for forage, while later maturing varieties, although they may produce larger yields of good forage, will not mature seed except in the more southern states. Such varieties as the Clay, Iron, and Unknown are good forage producing varieties, but mature too late to insure a crop of seed when grown in the region named above.

When grown for seed the crop should be cultivated and kept clear of weeds. The vines spread and lie close to the ground so that it is difficult to harvest the crop with the mower. When grown in a small area a practical method is to pull the peas by hand, or when grown in a larger area it is necessary to use a special bean harvester, several styles of which are now manufactured and sold. The peas should be placed in small shocks and allowed to become thoroughly cured, when the crop may be put into the stack or thrashed with the common grain separator, but this method of thrashing breaks and splits the peas, and to save the crop in good condition for seed it is necessary to thrash with the flail or else use a bean thrasher.

When cow peas are planted for hay, perhaps the best method is to sow broadcast or plant in close drills, six to twelve inches apart, and give little or no cultivation after planting. Planting in six-inch drills requires four to six pecks of peas per acre. The grain drill should be set to sow about one and one-half bushels of wheat per acre. In order to be most successful in securing a good crop from planting in this way the ground should be clear of weeds and in good seed-bed condition. It is well to begin the preparation of the seed bed early in the season, and cultivate occasionally in order to destroy the weeds and conserve the soil moisture. Planted in close drills, as described above, the peas do not vine so much, but grow more upright and the crop may be readily harvested with the mower. Perhaps as large a production of forage per acre may be secured by planting in rows and cultivating, but the crop is more difficult to harvest, requiring special machinery, as mentioned above.

Cow peas make excellent hay, which is practically equal to alfalfa hay in feeding value, although stock do not seem to relish cow pea hay so well as alfalfa. Cut for hay when some of the pods are turning yellow and before the leaves begin to fall. Cure well in the windrow or shock before stacking; it usually requires several days of drying weather to properly cure cow pea hay, and this is an objection to the use of cow peas for hay, since if the weather is unfavorable the hay is likely to be spoiled or badly damaged.

Perhaps it is more practicable to plant cow peas with some other crop for hay or forage rather than to plant the peas alone. At the Kansas Experiment Station cow peas were planted with sorghum, kafir-corn, and corn. It is necessary, however, to plant the combination crop rather thin in order that the cow peas may not be too greatly stunted in growth. The cow peas make a very dwarf growth and produce very lit-

tle forage when sown broadcast with kafir-corn or sorghum, but the combination of corn and cow peas may be more successfully grown. Perhaps the best method of planting corn and cow peas together is to plant in rows and cultivate the same as when corn is planted alone.

### TREATMENT OF RUN-DOWN LAND.

The following communication has been received from an Illinois subscriber, Mr. Robert Reed:

I wish you would give me the outline of plans that should be carried out in handling land that is run down. Would you consider alfalfa or red clover the superior crop to be used in a case of this kind.

Just how to handle a farm that is run down depends a good deal on a variety of conditions. In the corn belt there is but little land that is worn out in the ordinarily accepted sense of this term. However, if grain crops have been grown for many years in succession land may have reached that point where it no longer produces profitable crops, and in that case the owner must take the matter up in dead earnest.

Soil to grow either alfalfa or red clover must be in fairly good condition to begin with, though we do not believe that one can do better than give a soil a trial of these crops. We would put red clover first as a soil renovator, because ordinarily one can get a stand much more quickly and in that way bring about the more rapid introduction of nitrogen into the soil.

Start in with a certain part of the farm sown to small grain and red clover, seeded at the rate of from twelve to fourteen pounds to the acre of the latter. If a good stand is obtained it will be advisable to take off one crop of hay or use the land for pasture and plow under late in the fall, with the idea of putting corn in that field the next spring. The following year another field can be handled in the same way, and so on until every part of the farm which is cultivated falls heir to a good clovering.

If it is impossible to get a stand of clover and there is no farmyard manure available, it will be necessary to resort to the practice of plowing under green crops, such as buckwheat, rape or even the small grains when they are in a green and succulent condition. In that way vegetable matter is introduced into the soil and this invariably paves the way for the successful growth of legumes. We doubt, however, if there is very much land in the corn belt that is so far down the scale in its humus content as to need green manure before it will grow clover.

When once vegetable matter is introduced into average corn-belt soils there is little difficulty connected with the growing of any of the common crops, such as oats, barley, wheat, corn, clover, or even alfalfa. To keep on building up the fertility supply the legumes should appear in the rotation as frequently as possible. Our most productive soils are generally handled in such a way as to be clovered every four or five years.

### THIS BEATS SKIMMING MILK.

If any of our readers want to make \$5 for \$4 they are now making on every cow they have, it will pay them to write and ask for a month's free trial of the National Cream Separator. You can write to the National Dairy Machine Company, Goshen, Ind., or the Hastings Industrial Company, Chicago, Ill., and if you just say you are one of our readers they will let you try separating your cream from your milk for thirty days free. It will prove a money-making experiment for you. Hundreds of farmers and farmers' wives have tried the National, because they don't have to buy it unless they like it after they try it thirty days. No hard lifting, as it is only forty-eight inches high. It's the lightest-running separator, closest skimmer and the easiest cleaned. Only two parts to clean, in three minutes. Stop your hard lifting and hard work scalding pans, skimming milk night and morning and losing one-fourth of your cream. Write today and ask for the free catalog anyway. Then try the National after you have read the catalog.

### EXCURSION RATE TO PACIFIC COAST.

Daily during March and April, the Minneapolis & St. Louis R. R. will sell one-way excursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

### SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

# \$5.95

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Is all I ask for the

Galloway  
Bike  
Harrow  
Cart

Orders  
From  
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That's less than your dealer pays for the cart he handles. I was about to say "the cart he sells" but I'm not sure he sells any. He won't sell you one if you read this advertisement through to the end.

And I'll tell you why. In the first place he can't sell you as good a cart, for I do not sell my cart to dealers. Dealers can't get them. I know all about this dealer business and how every farmer has to pay from 30% to 70% more for his goods, as I was a dealer myself once. But before I was a dealer I was a farmer and so I stick to the farmer. Many's the day I've walked behind a harrow with tired legs and my mouth full of dust. I guess that's the reason I'm so enthusiastic about my harrow cart.

Another reason is that I can save you money. I am going to save you from \$2.00 to \$4.00 on the best harrow cart made. That means that 30% to 70%. I can't help feeling that you will appreciate my doing this.

Wait a minute now. Don't take my word for anything but send for my book, "The Proof of the Pudding." In that book farmers who have used my harrow cart answer these questions.

- Is it good value?
- Does it save time and labor?
- Can you do more and better work?
- Is the draft light?
- Is it strong?
- Does it work properly on hillsides?
- Does it follow the harrow all right in turning?

All these questions are answered, not by me, but by men I never saw, and who never saw me.—men who have used my Bike Harrow cart, and know just how good it is.

Now about my price. \$5.95—that's it, five ninety-five, freight paid. I have to laugh.

When I hear this talk about the implement trust and the dealers,—and those fellows selling harrow carts for \$8.00 and \$10.00 I just chuckle to myself.

Talk about forcing me to do this or that—they can't force me to do anything.

I am dealing direct with the farmers and they are the fellows who have the money.

But to get back to the harrow cart. Send me \$5.95 and I'll send you the cart, freight prepaid. Try it—at my expense. If you don't want to keep it send it back at my expense and I'll refund you \$5.00—that's what you paid me and be for postage.

Write today, send an order. If you're not quite sure send for my booklet. A postal will bring it. Don't go through another summer's work without one of my New Galloway Bike Harrow Carts.

*Wm. Galloway*

President of William Galloway Company,  
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187 Lake St., Chicago, Ill.



## Farm Furrows

Turned by a Practical Farmer.

Did you ever want to sleep worse than when your neighbor's dog was barking or some old cow in your own barnyard was mooring her head off?

What recollections are brought to mind by a fragrant whiff of good, old oak firewood! It reminds us of the old open fireplaces and all the rest of the luxuries and deprivations that went with those days.

House plumbing is about the limit when it comes to cost. However, we would rather have a good system of waterworks in the house, including a good bath-room, than any number of well-furnished parlors and reception rooms.

The currycomb used too extensively on the skin of either horses or cattle, especially the latter, causes a harsh coat of hair. Only when hair is to be combed out or dirt removed should the comb be used. The only thing to make the hair sleek is a good hair brush.

Don't wait until you are ready to go to the field to get down the seeder and overhaul the different farm implements. There is nothing that worries a man quite so much as to see his neighbors in the field when he is tinkering away with some obstinate piece of machinery.

Gilt-edged credit is the best asset a man can have in his business. There are a whole lot of reckless business men and grafters nowadays who seem to be making money, but, after all, what are a few hundred dollars compared with the confidence of one's fellow men!

Over-confidence in the friendliness of any herd sire has lost many a man a limb and even his life. One should never trust any male farm animal, for there is no telling when, either accidentally or intentionally, the beast will inflict an injury on his best friend.

Visiting is one of the chief sources of enjoyment on the farm. Of course there are a few people who carry it to excess, visiting Sunday and week days. There is absolutely no reason why any family should not be able to take dinner or spend an evening with some one of their neighbors several times a month, unless, perhaps, it is in the busiest season of the year.

How quick animals, especially horses and dogs, detect any change in a man's disposition. We know of good farmers who under no circumstances will allow hired men or others to swear or talk loud around their stock. We have heard some men say that a certain horse just acted the fool all day, when in fact it was very likely that the man's temper had been riled most of the time and the horse was merely reflecting the passion of the man.

Our hired men have fallen into a good habit in recent times. When the weather is bad so that shoes and clothes are more or less contaminated from the barnyard they utilize the furnace room for changing overalls and shoes. The cement floor of the furnace room is washed up once or twice a week so that it makes a perfectly proper place. It only takes a minute to change one's overalls and shoes and it wins the everlasting gratitude of the housewife who likes to have things clean and sweet.

Roast duck is certainly toothsome, and it is a splendid change from the meat of domesticated fowls. We cannot help but get the hunting fever when we read of the approach of ducks and geese from the South. A man will risk his life almost for a day's sport of this kind. How much of the wild blood still runs in our veins! We recollect once of a hired man who was a green hand at hunting and accidentally brought down a pintail duck one day. Imagine the

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# HARVEST IS COMING AGAIN ARE YOU READY?

To be sure, it's some time yet before the grain will be ready, but it won't be long before you'll be so busy with Spring work that you will have no time to get ready for harvest.

Now is the time to give this important matter serious consideration.

How did you get along last year?

Were there any delays or any break-downs?

Did you lose any grain?

Were you able to begin harvesting when your grain was just ready, and finish before it got too ripe?

How did your horses stand the work?

Think back now, and you can easily tell about how you are fixed for this year. If you are not prepared to harvest your grain quickly and easily, without danger of delay, it is time right now to take steps to prepare yourself. Now is when you have time to give the selection of a machine the consideration you ought to give it.

When you buy a new harvesting or haying machine, you want to buy the right one. If you wait until Spring work is upon you, this important matter will be put off until the very last week before harvest, and you will have no time to investigate—no time to consider. You may even be forced to buy what you don't want. It is the part of wisdom to do this investigating now.

You know the International Harvester lines—**Champion, McCormick, Osborne, Deering, Milwaukee, Plano**—with any one of these you can do your harvesting right.

Four things are prominent in good farm machines of any kind: The principle is right; The materials are right; The workmanship is right; The record is right.

Now let us look into these things in connection with the International lines of harvesting and haying machines.

Since the invention of the self-binder, a great many different makes have been put on the market. Most of these failed to receive the approval of the American farmer. They were not built along right lines. Years ago the Champion, Deering, McCormick, Milwaukee, Osborne and Plano began to stand out from other harvesting machines, because of the correct principle back of them.

Time and experience have demonstrated that they were right; they embody all that is good that

has been developed in 30 years, and there's no feature about them that is in any way untried.

So you are safe enough as to the underlying mechanical principle of any of these machines.

Now as to materials. The farmer buying an International machine may be sure that the material is **always the best**. Every bit of material—wood, steel, iron, malleables, paint, etc., is subject to the most rigid test and experiment before being used. Only large capital and a strong organization make these things possible, for in addition to the superior out-put of their own coal and iron mines, iron and steel mills, timber lands and saw mills, they give at all times a first choice from all the other material manufacturers of the entire country. The International Harvester Company affords a known market to every material manufacturer in the land if his product comes up to the high International standard. These are but a few of the many advantages which insure to the farmer the best of quality in every International machine he buys.

Next comes workmanship. The enormous demand for these six leading makes of harvesting machines enables the International Harvester Company to maintain manufacturing plants of the highest efficiency and to employ workmen of the highest skill—factories and workmen that could not possibly be maintained to supply the small demand that would come to an individual manufacturer.

Now comes the record. Practically every farmer in the United States knows of the satisfactory record of these machines. He knows that for the harvesting of all varieties of grain, light, heavy, standing, down or tangled, these machines have never faltered—have never left him in the lurch. He knows that they have stood up to the work well and have endured season after season.

He has gone to the harvest always with the perfect assurance of success. When in rare cases the unavoidable accident has occurred, he remembers that the repair parts are near at hand and that **they always fit**. Another advantage in purchasing International machines is that repair parts may be had at any time and any where.

Any one of these machines will do your harvesting right. Visit an International dealer and get whichever catalogue you want. If you don't know an International dealer, write us and we will give you the name of the one nearest you.

## INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO, ILL.

(INCORPORATED)

**International Line:**—Binders, Reapers, Headers, Header Binders, Corn Binders, Corn Shockers, Corn Pickers, Huskers and Shredders, Corn Shellers, Mowers, Hay Tedders, Hay Rakes, Sweep Rakes, Hay Loaders, Hay Stackers, Hay Balers, Feed Grinders, Knife Grinders, Cream Separators, Gasoline Engines, Pumping Jacks, Manure Spreaders, Weber Wagons, Columbus Wagons, Bettendorf Wagons and Binder Twine.



fit of laughter he threw the table into when he informed us that he had shot a "tin pail."

It is certainly a true saying that many so-called gilt-edged securities are guilt-edged.

Have you ever been acquainted with that form of willing worker who was always ready to work his friends? It

certainly is peculiar what lines of pursuit men's ambition will follow.

A good many farmers are getting shot these spring days—at the hardware store.

The duty of buying dry-goods, such as dress goods, etc., should never be imposed on the head of the house. If ever I get mixed up it is when I advance towards some nice young lady clerk and

try to recall whether I was to buy gingham, calico, ducking, cheviot or ticking. I would rather feed hogs any day.

Here is a woman's description of a Poland China gilt. I can vouch that it is true: "She seems to be so at home and is so pretty in person as well as manners. Would probably come into the parlor if coaxed a little."



# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## DAY BY DAY.

BY AGRICOLA.

What a wonderful heritage we have in the United States. Agrícola has seen gangs of men with the hoe cultivating cabbage in one locality and just as soon after as a train could take him there has seen other farmers shoveling paths through snow drifts.

And the rice fields of Louisiana, how different from the wheat fields of Kansas. The same method of harvesting is used, but the harvesters in the rice fields have wide tires to keep the machines from being mired. In Kansas the ground is dry and firm. In the rice fields the water in which rice must be grown has just been drained off so as to permit harvesting with machinery. The other way, leaving the water on the ground and gathering the rice by hand while sitting in canoes is too slow for this country.

Eleven counties in Wisconsin produce 15,000,000 bushels of potatoes annually, worth about \$8,000,000. The late blight, (Phytophthora infestans) is the worst enemy the growers have to contend with, as it not only causes premature death to the vines, cutting off the food supply, but it also causes rot. The growers fight the blight by spraying with Bordeaux mixture. Spraying and late digging are the best preventives known.

By the way, what has become of the

## SAVE YOUR BACK

Save time, horses, work and money by using an

### Electric Handy Wagon

Low wheels, broad tires. No living man can build a better. Book on "Wheel Sense" free. Electric Wheel Co., Box 43, Quincy, Ill.



## A REAL High Foot-Lift Gang and MORE.

High means HIGH in the J. I. Case High Foot-Lift Gang Plow. With the foot alone the bottoms can be raised from plowing position six inches in the ground to more than six inches above ground or vice versa. And a boy can do it easily. It is not only a high lift, but an easy lift, due to the powerful leverage and strong lifting springs.

But the feature that is even more important to your ease and convenience and one which you will find on no other Foot-Lift Gang, is the double service accomplished by the floating lever. This lever is connected to the cross-bar to which the foot lever is also attached and can be used to assist the foot lever in lifting the bottoms out, or to force them into hard

ground. This lever is also used to lock the bottoms up in the frame, making it impossible for them to drop down when the plow is being transported. It may also be used to lock the bottoms in the ground, holding them securely to their work. And remember this lever can be instantly and easily changed to either a lock or a floating lever. Don't you see the importance of this feature? Wouldn't you like to become familiar with all the working principles of so marvelous a plow? Ask your dealer about it or write to us for full particulars.

**Farmer's Encyclopedia FREE**  
Send us the name and address of your dealer, with ten cents for postage and packing, and we will send you this valuable volume. Write today.

J. I. CASE Plow Works,

Dept Q22  
Racine,  
Wis.

## J.I. CASE HIGH Foot-Lift GANG PLOW



"cabbage snake" which did not scare our colored brethren "out of their boots" when first discovered because they simply were barefooted? This was only two years ago, and the scare spread pretty much over the country and lessened the demand for cabbage.

These so-called snakes were only worms the size of a hair and two or three inches long. The cabbage caterpillars indiscreetly eat the eggs of these worms, the eggs hatch in their bodies and the "swollen fortunes" keep swelling until the bodies of the caterpillars burst open and the imprisoned worms celebrate their advent into full citizenship by laying more eggs for more caterpillars to swallow. But last year no one was scared, the worms proving harmless to everything but caterpillars, and no one mourns for them.

Agricola is convinced by experience that when rot threatens the potato crop the wise course is to leave them undug as long as is safe on account of frost. And the Vermont Experiment Station has found the rotted tubers very much less when dug late.

The farm separator has been advertised as "the coming machine." It is hardly in that class now; it has "arrived," and to stay.

Two years ago a limited number of corn husking machines were distributed here. The dealers would not guarantee satisfaction, neither did the machines make good in the field, and nothing has since been heard about them except that the makers are still experimenting. This refers to machines husking from the hill.

It has been Agrícola's good fortune to attend farmers' institutes ever since they started in his state, and in many different parts of the state, and his experience is that the best institutes are where they are on wheels, going in turn to the different towns in the county, and the town people taking part and helping out. The brotherly kindness feeling is worth fostering.

When you come to the table two lines of operation present themselves. One promotes good digestion and good health,—the other causes indigestion and disease. To be healthy, eat; to be unhealthy, simply fill up. There is much in what we eat and drink, and there is much in the way we do it.

There are traction ditchers which operate more cheaply than can be done by hand, but on heavy, sticky soil, they are difficult to operate. When a farmer can ride a tile ditcher he will be so crazy to tile his farm the tile factories will be worked overtime.

I like to hear a man whistle at his work if he is a good whistler and a better worker. But I like to be confident that the combination is sure.

And now some of the agitators for reduced rates wonder if the next move cannot be to reduce the price of butter. They eat butter every day and rarely take a railroad trip. Be quiet if you

# RUBEROID RED ROOFING

A DISTINCTIVE ROOFING WHICH ADDS BEAUTY TO ANY BUILDING.

Combines a permanent color with the weather proof and fire-resisting qualities of the well known Ruberoid Roofing which has been the standard for 16 years.

THE ONLY PERMANENT ROOFING WITH A PERMANENT COLOR

Ruberoid is the pioneer elastic roofing. A positive protection from all weather severities. Color guaranteed for five years.

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GENERAL OFFICES 100 WILLIAM STREET NEW YORK  
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# PIPE

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at less than one-half Price

We offer one million feet of iron pipe all sizes, also lumber, structural iron, roofing, farm machinery, boilers, etc., at less than half the original cost. We guarantee everything we sell, and refund your money if you are not thoroughly satisfied. References: Merchants-Laclede National Bank, or any commercial agency. Write today for complete catalog and prices.

3867 MANCHESTER AVE., ST. LOUIS

can, gentlemen. Do not discourage Old Brindle.

Martin Luther once said that the best preacher he ever heard was a little tame robin. The man or boy who shoots that kind of preacher is something of a degenerate.

There are some farmers who know to a quick certainty just how many pigs they have, but if you ask the number of their children they have to stop to count up. Their heart is with their treasure.

A. A. & W. G. Karschner Brood Sow Sale.

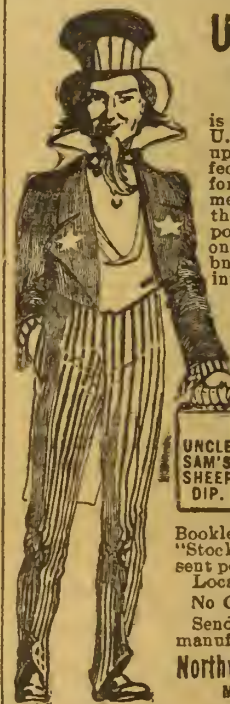
Messrs. A. A. & W. G. Karschner, of Wilcox, Neb., held their annual brood sow sale on March 2d and an average of \$53.80 was made on thirty-seven head. The attraction of the sale was three sisters to Crimson Dandy, the \$1,010 boar, they going to good herds of the state at long prices. The top was \$165, paid by Mr. E. C. Gwinner, of Holdrege, Neb., for No. 14 in the catalog, a daughter of Nebraska Wonder by the great Crimson Wonder. Mr. Gwinner has been a buyer of some of the very best sows on the market this spring and an extra good offering is looked for from this herd another year. Below is a list of those selling for \$35 and over:

Lot.	Name	Price.
1	H. B. Loudon & Son, Clay Center, Neb.	\$ 65.00
2	Wm. Sanstead, Holdrege, Neb.	72.00
4	B. F. May, Blue Hill, Neb.	38.00
5	E. C. Gwinner, Holdrege, Neb.	102.50
6	M. A. Sellers & Son, Huntley, Neb.	125.00
7	R. C. Whitacker, Holdrege, Neb.	70.00
8	E. C. Gwinner	125.00
12	Geo. Karschner, Wilcox, Neb.	58.00
14	E. C. Gwinner	165.00
15	Mrs. W. G. Karschner, Wilcox, Neb.	50.00
18	E. D. Guisinger, Wilcox, Neb.	36.00
20	J. A. Graves, Bladen, Neb.	35.00
21	Wm. Judy, Kearney, Neb.	54.00
25	T. M. Anderson, Oberlin, Kan.	37.50
27	Sam Hogate, Blue Hill, Neb.	72.50
28	E. D. Guisinger	42.00
29	W. A. Goebel, Prosper, Neb.	42.00
30	Nels Johnson, Wilcox, Neb.	40.00
31	J. W. Graves, Bladen, Neb.	42.00
32	H. Derby, Loomis, Neb.	50.00
33	F. G. Halberg, Axtell, Neb.	45.00
34	W. A. Goebel	43.00
37	A. W. Cox, Bladen, Neb.	60.00
38	W. J. East, Clay Center, Neb.	52.50
40	Hopkins Bros., Atlanta, Neb.	74.00

J. W. Pittman's Duroc Sow Sale.

On February 27th the above breeder sold a very creditable offering of sows and gilts and made the very neat average of \$57 on forty-three head. A stormy day dampened the enthusiasm of some of the local trade, though breeders came in good numbers. Those who came were ready for business and bids rolled in quite freely regardless of what was going on around. Mr. Roy West, of Churdan, Iowa, topped the sale by paying \$110 for No. 17. A number sold very near this price, as will be seen by the list of buyers. Col. F. F. Luther cried the sale.

Lot.	Name	Price.
1	Theo. Horton, Linden, Iowa	\$100.00
2	Geo. R. Manford, Shannon City, Iowa	90.00
3	Theo. Horton	47.50
4	Chas. Seaman, Jefferson, Iowa	52.00
5	F. W. Flanagan, Lohrville, Ia.	90.00
6	Howard Lohr, Lohrville, Iowa	45.00
7	W. D. Pittman, Lake City, Iowa	102.50
8	Theo. Horton	55.00



## Uncle Sam's Sheep Dip

is made according to the U. S. formula. It is the up-to-date dip and disinfectant for general use for progressive stockmen and farmers. It is the most powerful non-poisonous germicide. Not only is it the very best, but is sold cheaper than inferior dips and washes.

Prices—1 gal. can, dips 100 short sheep, \$1.00; 5 gal. can dips 500 short sheep, \$4.00; 1 case, (10, 1 gal. cans) dips 1000 short sheep \$8.50; 50 gal. bbl. dips 5000 short sheep, \$40. net cash prices, f.o.b. Minneapolis. Complete directions for use on sheep, cattle, horses, chickens and for disinfecting purposes furnished free.

Booklet of 32 pages, called "Stock Grower's Enemies," sent postpaid for 2 cents.

Local Agents Wanted. No Goods Sold on Credit. Send all orders direct to the manufacturers.

Northwestern Hide & Fur Co. MINNEAPOLIS, MINN.



## 300 Plants \$1.00

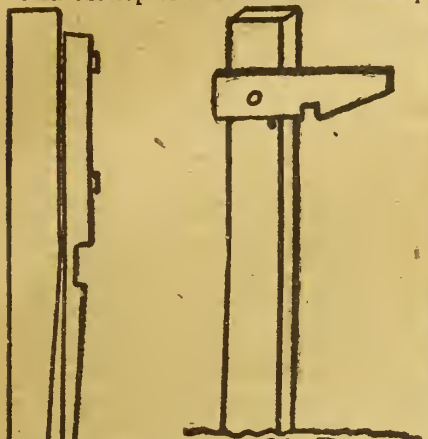
100 of that choice new variety, Senator Dunlap and 200 of two other choice varieties, and printed instructions with each order on how to grow them. J. L. TODD & SON. WOODWARD, IOWA.

9.	Roy West, Churdan, Iowa	68.00
10.	E. C. Scriber, Glidden, Iowa	42.00
11.	I. W. Brubaker, Monroe, Iowa	40.00
12.	W. B. Stanfield, Lake City, Iowa	53.00
13.	W. D. Pittman	95.00
14.	Henry Seybert, Pocahontas, Ia.	77.00
15.	I. W. Brubaker	81.00
16.	Mat Whalen, Lohrville, Iowa	53.00
17.	Roy West	110.00
18.	W. B. Stanfield	48.00
19.	Same	51.00
20.	F. W. Flanagan	42.00
22.	Johnson Bros., Dickens, Iowa	65.00
24.	M. A. Cromwell, Ft. Dodge, Ia.	51.00
25.	D. H. Parker, Lohrville, Iowa	31.00
26.	Same	31.00
27.	Jno. Buffham	32.00
28.	Chas. Schutt, Pocahontas, Ia.	49.00
31.	J. M. Summers, Farnhamville, Iowa	36.00
32.	J. E. Hammer, Jefferson, Iowa	50.00
33.	F. W. Flanagan	47.00
34.	A. R. Garrett, Lohrville, Ia.	48.00
35.	J. O. Smothers, Lohrville, Ia.	56.00
36.	Chas. Seaman	57.00
37.	Mrs. Van Antwerp, Lohrville, Ia.	53.00
38.	J. M. Summers	43.00
39.	Wm. Guida, Osgood, Iowa	41.00
40.	G. S. Swearingler, Sac City, Ia.	59.00
41.	W. B. Stanfield	39.00
42.	Wm. Klnney, Lohrville, Iowa	50.00
44.	J. J. Vosika, Pocahontas, Iowa	66.00
44X.	Pat Montgomery, Jefferson, Ia.	51.00
44XX.	Ralph Breairey, Lake City, Ia.	65.00
45.	Henry Seybert	70.00
46X.	Geo. Bair, Rutland, Iowa	35.00



# HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

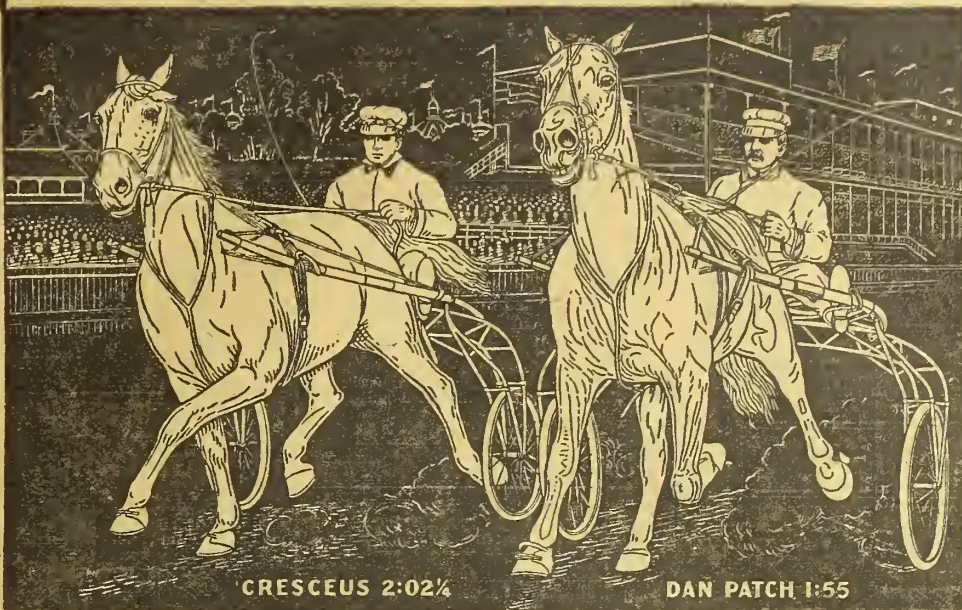
One of our readers has kindly described a device for holding a gate open. He finds it very handy. To make it, secure a piece of 4x4 two feet long and have a piece of steel strap iron made to lie on the top of this timber. The strap



iron acts as a spring or clutch. The timber is embedded in the soil at a place where when the gate is wide open the panels of same will cross the device at right angles, which allows the bottom of the lower panel to drop in the notch in the steel clutch. The gate is thus secured and to unloosen, merely press down the end of the clutch and the gate will slip out. Another latch which is in operation on many farms is made by setting a short post where the gate is to be secured when open. A wooden latch is attached to the post by means of a pivot which allows the latch to be lifted up and catch on top of one of the gate panels.

In answer to our request for descriptions of practical litter carriers J. L. Schaefer, of Nebraska, favors us with a sketch of one which he has been using and finds it suited to every need. The box proper can be made any size, but in this case it is two feet by two feet

## CAN DAN PATCH PACE A MILE IN 1:54?



### 3 FEEDS FOR ONE CENT

My stallions, Dan Patch 1:55, Cresceus 2:02 1/4, Directum 2:15 1/4, Arion 2:17 1/4, Roy Wilkes 2:06 1/4, Burtonwood 2:17 and my one hundred high-class brood mares eat "International Stock Food" every day. Dan Patch has eaten "International Stock Food" every day for over four years and during this time has broken fourteen World Records and his physical condition has been marvelous. It will pay you to use it for your Stallions, Brood Mares, Colts, Race Horses, Show Horses, Carriage or Coach Horses and Work Horses because it gives more Nerve Force, Endurance and Strength. "International Stock Food" is prepared from finely powdered medicinal Roots, Herbs, Seeds and Barks and is fed in tablespoonful amounts as an addition to the regular grain feed. It is equally good and very profitable to use for Horses, Colts, Fattening Cattle, Cows, Calves, Hogs, Pigs, Sheep or Lambs, because it Purifies the Blood, Tones Up and Permanently Strengthens the Entire System, Keeps them Healthy and Greatly Aids Digestion and Assimilation so that each animal obtains more nutrition from all grain eaten. In this way it saves grain and will make you a large extra profit. We have thousands of reliable testimonials on file in our office, and every pound of "International Stock Food" is sold by over 150,000 dealers on a "Spot Cash Guarantee" to refund your money if it ever fails. Constantly used by over Two Million Stockmen throughout the world. If you desire any further information write to M. W. SAVAGE, Proprietor of International Stock Food Co. International Stock Food Farm

HIS TRAINER SAYS DAN WILL ASTONISH THE WORLD IN 1907. WATCH LEADING FAIRS.

**Dan Patch 1:55, The Pacing King,  
Cresceus 2:02 1/4, The Trotting King,  
MARVELOUS PICTURE OF WORLD CHAMPIONS.  
THIS BEAUTIFUL PICTURE  
IN 6 BRILLIANT COLORS  
MAILED TO YOU FREE.**

We have just published a large, colored lithograph of the above Photo-Engraving, which shows our World Famous Stallions, Dan Patch 1:55 and Cresceus 2:02 1/4 in an Exciting Contest and at Extreme Speed. The picture is 16 by 21 inches and shows both horses in their natural colors and as life-like as if you saw them racing on the track. You can have one of these Large and Beautiful Colored Pictures of the Two Most Valuable Harness Horse Stallions and Champions of the World, Absolutely Free and we will prepay the postage. This picture was made from life and every lover of a great horse should have one, as it is pronounced the best motion picture ever taken.

WRITE FOR ABOVE PICTURE AT ONCE.

1st, Name the paper in which you saw this offer. 2nd, State how much live stock you own. We will then mail the picture promptly.

**INTERNATIONAL STOCK FOOD CO., MINNEAPOLIS, MINN., U. S. A.**

**THE WORLD'S MOST FAMOUS HARNESS HORSE FARM.**

International Stock Food Farm of seven hundred acres, owned by M. W. Savage, is generally acknowledged to be the most famous harness horse farm in the world BECAUSE it owns the Four World Champions Stallions, DAN PATCH 1:55, Champion Pacer and Fastest Harness Horse in the World, CRESCUS 2:02 1/4, the Champion Trotting Stallion of the World, ARION 2:07 1/4, the Champion 2 and 3-year-old Trotting Stallion to high wheel walk, DIRECTUM 2:08 1/4, the Champion 4-year-old Trotting Stallion. Also Roy Wilkes 2:06 1/4, the first stallion to beat 2:10 and World Champion for four years. All of these stallions and the one hundred brood mares and their colts are fed "International Stock Food" every day. You are specially invited to visit this farm at Savage, 10 miles from Minneapolis, and see the every day, practical results of feeding International Stock Food. 3 Feeds for One Cent.

AFTER EATING "INTERNATIONAL STOCK FOOD" EVERY DAY FOR FOUR YEARS DAN PATCH OPENED THE SEASON OF 1906 AS FOLLOWS:

First Start, GALESBURG, 1:57 1/4. Second Start, DUBUQUE, 1:58. Third Start, MINNESOTA STATE FAIR, 1:56 1/4. Fourth Start, MINNESOTA STATE FAIR, 1:56.

## PATENTS

If you have a new device which can be patented, it may make you a fortune if properly protected. Send sketch or model of your device for free opinion as to patentability. Among our clients who have made money out of their patents we refer you to the following: Wm. F. Gould, Des Moines, Ia.; Wm. H. George, Dexter, Ia.; H. H. Munson, Truro, Ia.; Franz J. Wood, Des Moines, Ia.; Gould Balance Valve Company, Kellogg, Ia.; P. H. Van Gorp, Pella, Ia.; Stocking & Mendenhall, Audubon, Ia.; Wm. W. Robinson, Des Moines, Ia.; Victor Landholm, West Point, Neb.; Samuel G. Scholz, Billings, Mo.; Benjamin F. Booth, Indianapolis, Ia., and many others we will name on request. Upon examination of your device we can tell you whether or not you can secure a patent. We have the largest and best equipped patent offices in the west. We also have Washington offices. As reference we can give you The Homestead and many other papers, any bank in Des Moines, a large number of manufacturing concerns throughout the west, and other clients. If you have an idea, write us for full information as to how to protect it fully.

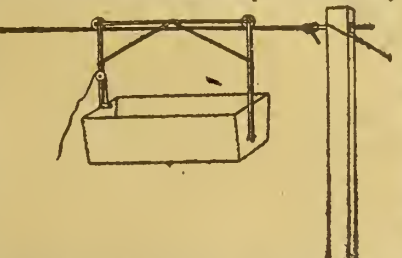
**ORWIG & LANE,**  
408 Crocker Bldg., Des Moines, Ia.

## BECOME A MUSICIAN! NO MONEY REQUIRED—HOME STUDY

We invented the HARMONIC TONE REVEALER, a marvelous mechanical instrument by aid of which our skilled instructors can teach you music at your own home. We know we can teach you to play the Piano or Organ by note, hence we will make this unheard of offer: Enroll with us and we will send you, express prepaid, the Harmonic Tone Revealer, a full course of lessons under our skilled instructors and 60 pieces of music. Pay us after you have learned to play. If we do not teach you to play, you do not have to pay a cent, and the instrument, lessons and music are yours. We are the largest Conservatory of Music in America, and will back up this offer. We also teach Violin, Guitar and Mandolin. Remember, you do not even have to make a deposit. Write immediately for enrollment blanks and information.

**International Conservatory of Music,**  
4050 Olive Street, ST. LOUIS, MO.

by three feet, eight inches. It is hung on a frame made of strap iron three-fourth by one-eight inches. The carrier pulleys are taken from an old check rower and have a groove about three-quarters of an inch deep which fits onto a cable. The frame is braced as shown in the illustration, and the rods on which the box is hung may be as long or short as desired. The rods are made with a loop into which the lugs of the ends of the box fit. These lugs were taken from an old check rower wire spool, and they



should be placed about eight inches from the bottom of the box so that when the box is tripped it will turn upside down readily. The trip is made by riveting a small piece of sharp iron to the frame just at the top of the box. When the box is in position to fill this catch fits in a slot in the rim of the box. A trip rope passes from the end of the catch over the pulley, and when the rope is pulled the catch releases the box. The cable on which the carrier runs is of twisted wire and preferably a half inch in diameter. It may be bought already made or twisted at home. The length of the cable depends upon the distance one wants to dump the litter from the barn. A three-quarter-inch rod with twelve inches of thread attaches one end of the cable to a post. By this contrivance the cable may be kept taut. Be sure and place the posts well in the ground and use only a smooth cable. It does not require much time to make this kind of a litter carrier, moreover it is inexpensive and very serviceable.

The Utah Colonization Company, of St. Paul, Minn., are putting a tract of irrigated lands in Utah on the market, and they have their first advertisement on page 27 of this issue. The company have a proposition that



**THIS SCALE IS PERSONALLY  
GUARANTEED BY ME.**



## Here's My Hand on It

After more than forty years experience as a scale-builder I am now able to offer you a five ton bridge trussed steel lever scale with platform 14 feet x 8 feet and a solid brass compound beam and beam box for \$45.00 delivered to your station. All sizes from a postal to a track scale at an equally low price. All scales sold on trial.

Write me for full particulars of this offer.

**JONES HE PAYS THE FREIGHT**

**JONES OF BINGHAMTON,**

**Box 418 Binghamton, N. Y.**



## THE OLD RELIABLE ..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills. TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour. 30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill. Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

will be of interest to readers of The Homestead. It will pay you to look up their advertisement and write to them for their booklet, if you want to get a home in a fine climate and under conditions that will be easy for you.

**CHEAP RATES TO THE PACIFIC COAST.** Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los

Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

**CHEAP ONE-WAY RATES.** Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to a considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## ESTATE IN OKLAHOMA.

A Subscriber, Kan.—A single man died, owning a tract of land in Oklahoma, and his parents were his heirs. What legal steps are necessary to have the title transferred to the parents, and about what would it cost?

Answer.—The best way would be to have an administrator appointed for his estate and regular proceedings in the probate court, including order of distribution of property, etc. If that seems undesirable, a suit to quiet title would accomplish the object as to the cost. Ask some lawyer in the county where the land lies.

## DRAINING LAND—BALLOT BOXES.

A Reader, Brooklyn, Iowa.—(1) A man in this vicinity tile drained his land in such a way that it saved the township trustees the trouble and expense of putting in two culverts on the roadside to carry off the water, and now the trustees will not allow the man anything on account of it. Can he recover from them? (2) Should ballot boxes be kept locked during an election or can the judges raise the cover to put in ballots? The box is a small wooden one.

Answer.—(1) The man cannot recover anything from the trustees, because the work he did was on his own land, and was done for his own benefit and not for the good of the road, although it incidentally did benefit the road. (2) The ballot boxes should be kept locked during an election.

## TELEPHONE COMPANY'S RIGHTS.


An Iowa Subscriber.—A telephone company in constructing its line, set poles along a partition fence on B's ground with B's permission. Later B sold his land to C and nothing was said about the telephone line or its poles. C wanted to buy a share of the telephone stock, but the company refused to sell it to him. Then C ordered the company to remove its poles from his land. (1) Can C compel the company to remove its poles? (2) Can C lawfully connect a phone with the line without permission of the company? If not, what is the penalty? (3) Can C prevent the company from coming upon his land to repair the line? (4) Can C prevent the company from removing the poles from his land?

Answer.—(1) That depends upon the contract between B and the telephone company, by which the latter obtained the right to set poles on B's ground. (2) He cannot—penalty, fine not more than \$500, or jail not more than six months. As to questions (3) and (4), apply same answers as given to question one.

## PRIVATE ROAD.

A Subscriber, Blue Springs, Mo.—A and B own adjoining farms. A's farm lies along a public road and B's farm is back of it, away from the road. B travels out to the road through the middle of A's farm on a kind of pass-way, which he has used for several years. There was no deed or contract ever given for said pass-way. B's land extends to a partition line which runs along A's boundary to the road. (1) Can A close up the pass-way at any time without giving B notice? (2) Can B by law get a road through the middle of A's farm to the public road, or only along said partition line?

Answer.—(1) A has a right to close the pass-way without giving B notice, at any time. (2) B can petition the county court for a private road, and the



**I TOLD YOU SO!**

**"Cobalt Mutual" Advanced 40% in Price on February 20th**

**COBALT**

**The Block of Stock Offered at 25c Was Greatly Over Subscribed**

—and NOW comes another opportunity to buy "Cobalt Mutual" at 35c—and get the advantage of another 40% advance in price—for on April 25th "Cobalt Mutual" will GO UP again. If you lost the chance of buying at 25c—you should not NOW lose the chance to buy at 35c. "Cobalt Mutual" will go to 50c a share at least on or before April 25th, 1907.

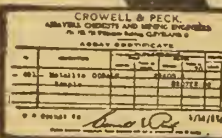
Don't forget that I predicted that this stock would advance 40% on February 20th. IT DID.

Don't forget that I predict that it will advance 40% again—that it will go to 50c a share on April 25th. IT WILL.

**W. V. Coons**  
PRESIDENT,  
**W. V. COONS & CO.,**  
Bankers,  
Bond Dept. 46  
Williamson Bldg., Cleveland, O.

References: Any Bank Anywhere, or Dun's or Bradstreet's.

Write Us TODAY for Special Report and free stickpin of Cobalt Ore. For a limited time we will send to everyone who writes, giving their business or occupation, a sample of Cobalt Silver Ore, mounted in an attractive stickpin. One will be sent YOU if you write at once before the supply is exhausted.



## Cobalt Ores of Great Value

Here is the actual value of ores taken from a few of the Cobalt mines:

LaRose mine ores run \$60,000 to the carload.

Jacobs mine ores run \$60,000 to the carload.

Foster mine ores run \$54,000 to the carload.

Nipissing mine ores run \$51,000 to the carload.

University mine ores run \$45,000 to the carload.

Trethewey mine ores run \$48,000 to the carload.

Silver Queen mine ores run \$42,000 to the carload.

Diamond mine ores run \$36,000 to the carload.

Nova Scotia mine ores run \$27,000 to the carload.

There is every reason to believe that our five tracts covering 560 acres will be as productive as any others in the entire Cobalt mining district.

# Another Chance To Make 40% On Your Money

ONE month ago I invited you to join me in making a fortune on "Cobalt Mutual" Stock.

I told you that the price would advance 40% on February 20th.

My prediction came true.

Subscriptions for this stock were received from all over the country, from business men, bankers, lawyers, professional men, everyone. The public recognized the fact that the Cobalt Mutual Mines Company was different from any mining proposition ever put before it. It recognized the stability of the men behind the enterprise. It recognized the fact that "Cobalt Mutual" was being handled along business lines—that the men interested in the enterprise had gone into it with the same determination to make a big success for the stockholders that they would have in going into any manufacturing or other enterprise.

## Work Being Pushed—Machinery Being Installed

Crews of miners and engineers are now at work night and day, double shifts, opening up the ground—and work will be pushed even more vigorously after the opening up of Spring.

We are going to have a great big proposition in COBALT—we're not going to stop at little achievements. We have the mineral land to develop—that's our stock-in-trade—a big acreage of rich mineral ground in the heart of the COBALT district. The Cobalt Mutual Mines Company is not basing its future prosperity on a 20-acre tract of land—it has

## 560 Acres

—enough land to keep us mining on a big scale for a generation.

When the President of our Company, Mr. W. V. Coons, returned from a long visit of inspection of Cobalt, he had this to say: I saw

## Nuggets of Silver

eighty to ninety per cent pure, weighing 300 to 400 pounds. I saw many carloads of ore running from \$30,000.00 to \$60,000.00 and one car of picked ore that actually sold for \$90,000.00. The whole region seems to be one vast rock covered with a thin skin of earth, filled with mineral deposits. In places the rock crops out of the top, and shows the silver veins of almost pure silver so rich that you can see the metal shine as though the rock were plated with it. I examined the entire region, saw the miners at work, talked with conservative men whose experience, ability and recognized standing placed them in a position to give me unbiased advice—and then I made up my mind that Cobalt offered the greatest chance in the history of mining for a great big, well-conducted, business methods mines company to make a vast amount of money.

Our stockholders—directors—and officers are all enthusiastic about the prospects of "Cobalt Mutual." Old stockholders are subscribing for more of the stock—taking every share that they can carry.

Now why don't you look us up—why not find out the responsibility of the men behind this enterprise? You can ask any bank anywhere of the standing of W. V. Coons & Co., of Cleveland—or look us up in any of the commercial agency books. Then decide. We invite the most careful investigation.

As soon as the weather permits we are going to invite our stockholders to take a trip to COBALT—and see for themselves, just the same as the President and some of our stockholders have seen, the great holdings of the Cobalt Mutual Mines Company.

Will you go up as a stockholder at 35 cents a share, or will you wait until it's too late to take advantage of this next raise in price and pay 50 cents a share for "Cobalt Mutual"? You'll surely buy if you go to COBALT and see our proposition.

## Installment—Payment—Plan

To accommodate numerous investors who have requested it, we have decided to accept monthly payments on "Cobalt Mutual" stock as follows:

25% of the total subscription with order—the balance in four equal monthly payments drawing 6% interest.

## Cobalt is Truly the Field of Fortune

You are going to be interested in COBALT some time. There's going to be a rush into that mining district the like of which the country has never before experienced. Will you join in the enterprise NOW—or wait until the price is much higher and thereby lose the increase in the price of stock?

## Directors and Officers

The officials of the company are all well and favorably known, and are men of substance, character and standing in the community. An investigation will reveal to any investor the fact that the directors and officers are eminently reliable and can be depended upon to conduct the affairs of the company fairly and honestly.

## OFFICERS

W. V. COONS, President.  
ISAAC DAVIS, Vice-President.  
FRED EDWARDS, Sec'y and Treas.

## DIRECTORS.

R. G. HEMINGWAY, Mnnie, Ind., President The Hemingray Glass Co.  
FRANK C. CAIN, Cleveland, O., President National Concrete Fireproofing Co.  
W. V. COONS, Cleveland, O., W. V. Coons & Co., Bankers.  
R. W. HARRIS, Streator, Ill., General Manager The Illinois Light & Traction Co.  
ISAAC DAVIS, Findlay, O., Wholesale Seed and Wool Merchant.  
J. M. BARR, Findlay, O., President The Producers Company.  
J. C. McDOWELL, Pittsburg, Pa., Vice-President Union National Gas Corporation.  
JAMES B. HOGE, Cleveland, O., Secretary United States Telephone Company.  
FRED EDWARDS, Cleveland, O.

**Don't Push**

The horse can draw the load without help, if you reduce friction to almost nothing by applying

**Mica Axle Grease**

to the wheels. No other lubricant ever made wears so long and saves so much horse power. Next time try Mica Axle Grease. Standard Oil Co. Incorporated



court then will appoint three disinterested persons as commissioners to view the place of the proposed road, mark it out where it will be most convenient and do the least damage to A's farm and assess the damages which B must pay to A, so you see it depends upon where the commissioners locate the road.

## Only One "BROMO QUININE"

That is LAXATIVE BROMO QUININE. Similarly named remedies sometimes deceive. The first and original Cold Tablet is a WHITE PACKAGE with black and red lettering, and bears the signature of E. W. GROVE. 25c.

## PROBLEM IN CORN PLANTING.

With an ordinary corn planter drop fifteen hills with ungraded corn and put down your findings. We venture to say the result would look something like this: For the first drop there would be three kernels to each hill, in the second and third the same, the fourth would have two in one hill and three in the other, likewise the fifth, the sixth would be regular again, while the seventh would not, and in the eighth only two would be found in either hill. The rest of the drop up to fifteen would carry between regular and two and three. It is likely that the above is somewhat better than the work of the ordinary planter. It would probably be considered a very good stand. Go over it again

**Piasa Bird** \$32.50 Complete! **2 BIG REASONS WHY WE SHOULD HAVE YOUR ORDER**

**Double Lift**

**New for 1907**

If You are Going to Buy a SULKY or GANG PLOW First—We absolutely guarantee this plow equal in every respect to any plow on earth, and refund your money if not entirely satisfactory to you.

Second—We save you the middleman's profit of from \$10 to \$20 as we are the only Plow Factory in the world selling its goods direct to the consumer at wholesale prices.

These plows are made of iron and steel throughout, are perfect in construction, ingenious in design, simplicity in handling, perfection in work and light draft. Every part is backed by our thirty-six years' of successful experience in this business. Write us before buying. Secure our big free catalogue of implements, Buries, Harness, Steel Ranges, etc.

14 inch Double Shill Plows, \$8.65; 12-16 Champion Disc Harrows only \$14.95. Tell us what you want when you write. Address

**Hapgood Plow Company, 1266 Front Street, Alton, Ill.**

The only Plow Factory in the United States selling direct to the consumer at wholesale prices.



and you will find that the planter has fallen eight grains short if you are planting three in a hill. Suppose these eight grains had been planted and had produced a stalk of corn with one ear. That would mean that you had lost eight ears of corn in those fifteen drops. Now, there are 3,240 hills in an acre of corn planted three feet eight inches apart between the hills, which means 1,620 drops of the planter. If you lose

eight ears of corn in fifteen drops in 1,620 drops you will lose 864 ears or about seven and one-half bushels to the acre. In a field of sixty ears you will lose 420 bushels, which at thirty-five cents a bushel amounts to \$147. Would it not pay to buy a sorter and save part at least of this loss? Delany's Seed Corn Sorter, advertised on page 11, is giving very good satisfaction and costs but a small part of the above sum.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGGS for hatching, Barred Plymouth Rocks exclusively. Guaranteed fresh, fertile and true to name, 25 years experience, matings better than ever this season, satisfaction guaranteed, prices low, circular free. H. M. Jones Co., Graceland Farm, Berwick, Iowa. Shipping point Des Moines, all express companies.

STOUT'S Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

BARRED PLYMOUTH ROCK eggs, four best American strains, \$2.00 per 15. White Wyandottes, White Quill strain, \$1.00 per 15. J. M. Knowles, Stockport, Iowa.

WHITE PLYMOUTH ROCKS. Eggs, 15 for \$1.00. Bred right and handled right. Member American White Plymouth Rock Club. W. H. Anderson, Oneida, Ill.

MITCHELL'S White Plymouth Rocks, the business strain, choice bunch, great big birds; \$1 each for March. Mitchell Bros., Valley Falls, Kansas.

EGGS from three good pens, Barred Plymouth Rocks, 75c, \$1.00, \$1.50, \$5 per 100. Write, ft. H. Heltzman, Riverside, Iowa.

BARRED ROCK eggs from exhibition matings, \$2.00 and \$3.00 per sitting. A. J. Jarrimer, Winterset, Ia.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

EGGS from pure Barred Rocks, 75 cents for 15. Mrs. C. L. Clark, Altoona, Iowa.

## RHODE ISLAND REDS.

SEND TWO CENT STAMP for catalog. Gives price on eggs and birds, contains sixteen cuts of prize winners made from life, many pointers on poultry, egg laying and prize winning Rhode Island Reds. Bixby & Bixby, Council Bluffs, Iowa.

RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White, Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javes. Walter Sherman, Edgewood, New York, R. I.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show, \$2 for 15. C. A. Kenworthy, Oskaloosa, Iowa.

SINGLE COMB Rhode Island Reds. Orders for eggs booked now; write for description and prices. N. P. Hall, Whittier, Ia.

SINGLE COMB Rhode Island Red eggs for hatching. Prices reasonable. Write, Inez Anderson, Eagleville, Missouri.

G. WEISER, Humboldt, Iowa, breeder Rhode Island Reds. Eggs, six dollars hundred. Cockerels, price reasonable.

SINGLE COMB REDS exclusively, eggs from prize winners at popular prices. Hites Bros., Route 3, Bencon, Iowa.

EGGS from best pen single comb Rhode Island Reds, \$1.50 per 15. C. Jacob, Ackley, Iowa.

GRAND Rose Comb Reds, eggs \$1 up. Ben Russell, Lamoni, Iowa.

## BRAHMAS.

LIGHT BRAHMAS exclusively, cockerels for sale, eggs for hatching. For prices address, P. J. Davis, Moulton, Iowa.

LIGHT BRAHMA EGGS, \$1.25 per 15; \$5.00 per 100. N. Van Buren, Blue Mound, Kansas.

## LEGHORNS.

SINGLE COMB Brown Leghorns, winners at the late New London show, four firsts out of five, Russell, Judge. Eggs, this season pens, \$2.00 per 15; range flock, \$1.00 for thirty; \$3.00 per hundred. Asa Anderson, New London, Iowa.

ROSE COMB Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazeldell Poultry Farm, Chas. Lyman, Clarinda, Iowa.

ROSE COMB Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

SINGLE COMB White Leghorns. Eggs, \$1.00 sitting, \$4.00 per 100. At county show took five first and club special. C. A. Bent, Specialist, Mt. Airy, Iowa.

ROSE COMB White Leghorns exclusively, fine birds, excellent layers, eggs per sitting \$1.25, \$5.00 per hundred. Mrs. Jas. Eveland, Gardeingrove, Ia.

S. C. W. LEGHORNS exclusively. Eggs, \$1 per 15; \$3 per 100. Cockerels for sale, \$1 each. Satisfaction guaranteed. Joel Hoskins, Pleasant Plain, Iowa.

S. C. B. LEGHORNS are the kind that lay. Eggs from prize winning stock, \$1 for 15, \$5 per 100. Mrs. Rosa Gardner, 1103 Walnut St., Osage, Iowa.

## DOGS.

SCOTCH COLLIE pups; they are beauties, males \$8, females \$5, pedigree with sale. S. W. Harr, Riverside, Iowa.

PEDIGREED Scotch Collies for sale at reasonable prices. John Fagan, Cumming, Iowa.

## POGS.

SWINE BREEDERS—Special notice, I will do you good. You can assist me in an honorable effort, get a copy of my \$1.00 treatise on Swine Culture, essays, advice, recipes and formulas, quality not quantity; read through, show it to your neighbors, form clubs and make money. Will send you one by mail at club price, 50c. Satisfaction guaranteed. Item money order or registered letter. Address, Francis Smith, Lock Box 416, Des Moines, Iowa.

BRED HERKSHIRE sows for April and May farrow. Write for prices to Wm. Utech, Route 10, Le Mars, Iowa.

## WYANDOTTES.

WHITE WYANDOTTES for sale, cockerels, hens, pullets; they are beauties. I can mate up pairs, trios, and pens. Eggs \$2 per 15. Write me at once stating just what you want. S. W. Harr, Riverside, Iowa.

WYANDOTTES, White and Silver Laced, 100 choice cockerels and pullets, bred for show, size and the 200 egg per year hen. They go at a bargain. Mrs. A. A. Berry, Route 4, Clarinda, Iowa.

BURD'S Business Breed, White Wyandotte winners, cockerels, \$2.00, \$5.00. Eggs, \$1.00, \$2.00 and \$3.00 per 15; \$5.00 per 100. Folder free. Maple Dell Farm, Route 4, Lee, Ill.

EGGS from White Quill strain Wyandottes, prize pen Indianola and Winterset poultry shows, score 1895-8, \$3 per sitting. T. F. Wilhelm, Winterset, Ia.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

GOLDEN Wyandotte cockerels for sale, pure bred, farm raised. Eggs in season, also Buff Cochins eggs. Write for prices. John C. Peterson, Ogden, Ia.

SILVER LACED Wyandotte cockerels for sale. Eggs in season. S. R. Young, Greenville, Iowa.

## ORPINGTONS.

BUFF Orpingtons, Single and Rose Comb, few choice eggs, \$2.00 per 15. Pure Indian Runner ducks, 13 eggs \$1.00. Anna Pratt, Beaver Crossing, Nebraska.

GRAND Single Comb Buffs, eggs \$1 up. Ben Russell, Lamoni, Iowa.

## MISCELLANEOUS POULTRY.

SKINNER'S ROCKS AND COCHINS. Why not try some of O. E. Skinner's winter-laying Rocks and Cochins? Beautiful free catalog tells all about them. Incubator eggs, \$2.50 per hundred. The man with winter layers, O. E. Skinner, Columbus, Kan.

ORDER NOW—White Holland turkey eggs, 25 cents each. Buff Cochins eggs, 15, \$2.00; Buff Cochins Bantam eggs, 13, \$1.00. Also four pair Buff Cochins Bantams and some Buff Cochins pullets. All first-class stock. Mrs. W. S. Bell, Allison, Iowa.

EGGS FOR HATCHING—25 varieties turkeys, ducks, geese and chickens. Winners of 35 prizes at last Fair and Poultry show. Incubators and brooders for sale; 4c for 65-page catalog. Larkin & Herzberg, Box O, Mankato, Minn.

IRA GREGORY, originator famous Yellowshire strain Barred Plymouth Rocks, Bronze turkeys Pekin ducks. Twenty years reliable and winning kind. Breeders and eggs for sale. Ira Gregory, Box P. P., Lexington, Ill.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, list prices Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

TWENTY-FIVE breeds geese, ducks and chickens. Catalog free. Largest poultry farm in the northwest. Great Western Poultry Farm, Mapleton, Minn.

FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Aledo, Ill.

## TURKEYS.

MAMMOTH BRONZE turkey toms, extremely choice individuals, farmers' prices. Eggs from high scoring White Wyandottes, \$1 per 15. Satisfaction guaranteed. W. S. Henderson, Browning, Ill.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

## DUCKS.

ROUEN DUCKS, farm raised; healthy drakes, \$1.25, ducks, \$1.00. Address, H. A. Flett, Dows, Ia.

PEKIN DUCK eggs \$4.00 the 100. Fine, large stock. Fairacres Farm, Joliet, Ill.

## HORSES.

FOR SALE—Graded Percheron stallion, coming three, color dark gray, weight 1730, medium flesh, not stuffed. Inquire Box 12, Rural Route 3, Oelwein, Iowa.

FOR SALE at a bargain or will trade for young horses or cattle, three young Jacks and one Jennet. Address, J. Burkholder, Mount Sterling, Iowa.

FOR SALE—Native bred Percheron stallion, all right every way. Would trade for other property. C. W. Ramsey, Oakley, Iowa.

## ANGORA GOATS.

TWENTY-FIVE Angora does bred to kill in May. A bargain if sold soon; most all registered. S. S. McKibben, DeSoto, Iowa.

REGISTERED Angora bucks. Elmer Culver, Route 1, King City, Mo.

## HORTICULTURE.

STRAWBERRY PLANTS—for three years has stood 7 months' snow and 40 below zero; produced finest berries on market. This I can prove if you write for particulars. Senator Dunlap, Warfield, Haveland, \$3.50 per 1,000; Aroma, Klondike, \$4.00 per 1,000. North Star Plant Breeding Farm, F. H. Ellison, Prop., Rib Lake, Wisconsin.

SEED CORN, Oats and Clover Seed. Only stock from heaviest yielding varieties offered for seed. Satisfaction guaranteed or money refunded. Illustrated catalog free. Ouklawn Seed Farm, Box 22, Chatham, Ill.

FOUR HUNDRED strawberry plants, \$1.00, in three choice varieties. Fruit trees, vines and small fruits at fair prices. Catalog free. John F. Dayton, Box A, Waukon, Iowa.

STRAWBERRY PLANTS—75 varieties; catalog telling how to grow them, sent free. D. McNaill Co., Sarexville, Mo.

STRAWBERRIES, four hundred strong plants, choice varieties, one dollar. James Molloy, Albany, Ia.

## CATTLE.

ONE DOUBLE STANDARD Polled Durham bull for sale. Age, eight months; color, dark red; extra fine, low down and blocky. S. A. Trabert, Stanton, Iowa.

RED POLLED CATTLE. Special prices for 30 days on good cows and heifers, bred. Write for booklet and particulars. O. P. Russ, Ravenwood, Missouri.

REGISTERED HEREFORDS, six young bulls, cheap if all taken at once, good breeding. A. T. Jordan & Sons, La Farge, Wisconsin.

SHORT-HORN bull for sale. I now offer my herd bull, Gloster's King 212203. Write for pedigree and price. F. T. Allen, Stanberry, Mo.

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Phillip Stalcup, Lorimer, Iowa.

## MILL FEED.

MILL FEED—For best quality and lowest prices mill feed, oilmeal, cottonseed meal, alfalfa feeds, etc., write Des Moines Flour & Feed Co., Des Moines, Iowa.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

G. C. KENNEDY, Patent attorney, Waterloo, Ia. Write for booklet.

## SONGS.

POEMS WANTED—Send me your song poems or poetry. Cash for good material. My big book, "Cash Returns" postpaid for 25c. Clifton Kelth, 121 Fifth Ave., Long Branch, N. J.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## GAMES.

PLAY the game that's never tame "Politix," Single hand, partners or progressive. Interest never lags. Every game played is a presidential election. 52 cards, four political parties as suits. Ask your dealer or send postpaid for fifty cents. Circular free. Miller & Gould, 605 G. Pullman Bldg., Chicago, Ill.

## AGENTS WANTED.

FARMER Agents Wanted. Time saver and money saver for farmers. Over one thousand sold in one county. Quick, easy seller. Liberal commissions. Write right now. Farm Record Company, Newton, Iowa.

AGENTS—Sell automatic self-cleaning curry comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Itasca, Wis.

REPRESENTATIVE in every county. Fast selling article. Commissions \$75 to \$200 monthly. Standard Scenic Co., Kansas City, Mo.

## BUSINESS CHANCES.

WANTED—Business manager for substantial company. Must have \$5,000 or more to show a working interest and good faith. Present owner wishes to retire on account of 70 years age. Company well financed and does not need outside money. Does not need technical knowledge, but requires a person capable of directing office help. Wilber Garrison, Des Moines, Iowa.

## REAL ESTATE.

THE RUSH IS NOW ON for western North Dakota. Last chance to secure agricultural land where crop failures are unknown, at \$5.00 to \$10.00 per acre. Will produce more per acre than high priced land in Central States. Will be worth as much in a few years. Fine, healthy climate, excellent water, good soil, free coal for digging; two new railroads under construction will be completed this year when land values will double. The coming corn country. Few homesteads left. Don't wait, act before too late. For free booklet, maps, etc., address Claude M. Pease, Box 327, Jamestown, North Dakota.

HOME ON BEAUTIFUL LAKE—50 miles from Minneapolis, 143 acres, 70 plow, 30 meadow, 43 timber pasture, bordering on a large, fine lake, 2 miles from town, fair set of buildings, an elegant home, good land, \$25 per acre. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

WHY GO TO TEXAS TO BUY LAND? Better land, better soil, better climate in Western Nebraska. Land \$5.00 to \$12.50 per acre. Buy your ticket to Sidney, Cheyenne County, Nebraska. Do not delay. Write today. Western Realty Co., Sidney, Neb.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce Bldg., Minneapolis, Minn.

FOR SALE, 10,000 acres, as a whole suitable for colonization purposes. Excellent land, millions feet of timber suitable for manufacturing purposes. Price \$5.00 per acre. B. M. Hungerford, Aitkin, Minn.

BARGAINS, KAY COUNTY, Oklahoma lands. We have them at from \$4,000 to \$8,000 per quarter, near Newkirk, the county seat of Kay County. Write Pochel & Dugan, Newkirk, Okla.

80 ACRE FARM for sale cheap, close to North Crandon, a place with two railroads. Good soil, easily cleared, some improvements. A. Itasmussen, North Crandon, Wis.

BIG BARGAINS—Kay County lands, 160 acres, smooth, less than \$40.00 per acre; 160 acres, smooth, less than \$35.00 per acre. Write Chas. E. Vogle, Newkirk, Oklahoma.

FOR SALE—Farms, farms and adjoining counties, ranches west special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising sales 2 cents per word. Send 10c in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

HERE IS A SNAP, MUST BE SOLD. California stock and fruit ranch, 1100 acres, fine residence, two barns, wagons, etc. 800 pure bred Angus goats, 12 cattle, 14 horses; \$30,000.00 worth of black oak timber, 12 miles from Napa, 47 miles from Oakland. For full particulars write, Crowe & Lewis, Inc., Dept. 4, 1056 Broadway, Oakland, California.

320 ACRE FARM in Sherman County, Kansas. 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, McPherson, Kansas.

FINE DAIRY FARM—133 acres, 3 miles southeast court house with running water, brick house of 9 rooms, necessary out buildings, farm in high state cultivation. Price \$175 per acre to settle an estate. W. R. Wilkins, Station 6, Mrs. Alice Wynau, 2601 Logan, administrators, Des Moines, Iowa.

SNAP FOR RENTERS, quick action needed. 80 acre farm, 40 plow, 20 meadow, 20 timber pasture fenced, fair set small buildings; ready to move into at once. \$500 down, balance easy terms 7%. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

120 ACRES, 5 miles from station, 10 acres seeded, buildings, good roads, school across road, no swamp or stone, \$1,200.00, one half down, balance terms to suit, 6 per cent interest. Other bargains. Fitzgerald Land & Loan Co., Tomahawk, Wis.

MONEY-MAKERS—There is none better than an irrigated farm in the Ordway district. Alfalfa, sugar beets, cantaloupes, small grain, fruit, poultry, bees and live stock are all money-makers here. Write Peck & Johnson, Ordway, Colo.

FREE—Beautiful illustrated booklet on Minneapolis. If you are thinking of moving, write for it. We are selling homes to many prosperous farmers and offer a big list of bargains. Nickels & Smith, Minneapolis, Minn.

FOR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

10,000 HOMESTEADS in Tripp county, S. D., to be given settlers by the Government. For full information write Gregory County Abstract Co., Bonesteel, S. D., enclosing postage.

FOR SALE OR TRADE, 320 acres smooth wheat land, Hamilton county, Kansas. Good soil; price, \$7.00 to \$10.00 per acre. Chas. Haas, Charleston, Iowa.

\$100 WILL BUY forty acres Missouri farm land, near town, clear title. Terms, \$10.00 down, \$5.00 per month. Address, Lock Box 144, Mt. Vernon, Ill.

BELLEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

CHEAP—Two choice improved Iowa farms. Special low price for quick sale. Must be sold. Address owner, Lock Box 42, Sheffield, Iowa.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone. \$30 to \$40 an acre. M. Wight, Iantia, Barton Co., Mo.

187-ACRE FARM in southern Iowa for sale. Extra well improved. A bargain. Address, Box 84, Decatur, Iowa.

SIX-ACRE POULTRY FARM for sale cheap. Address, Box 84, Decatur, Iowa.

## MISCELLANEOUS.

25 fine photos from any photograph 25 cents, size 1 1/2 by 1 1/2 inches, 15 nice post cards from any photograph 75 cents. Photographs returned unharmed. Satisfaction guaranteed or money refunded. Write Philip, Newlin Photo Co., 1369 East Ninth St., Des Moines, Iowa.

AN UNUSUAL OPPORTUNITY. As a special offer to introduce them for \$1.00, I will send postpaid an English Wade and Butler hollow ground razor, strop and brush. Satisfaction guaranteed or money refunded. John H. Bartram, Walden, N. Y.

GOOD TELEPHONE PLANT for sale or trade. Consists of town exchange, rural lines, 500 'phones. Will sell for cash half down; balance one and two years, interest 6%, or trade for good land. Address, E. Pease, Secy., Mt. Iamhill, Iowa.

CEMENT—Workers' Handbook tells farmers all about cement work. How to build walls, floors, walks, tanks, cisterns, blocks, posts, etc. Fourth edition revised; cloth bound. Send 50c to W. H. Baker, Wadsworth, Ohio.

START a factory on the farm, no machinery to buy, honorable, clean, profitable. We tell you how free. DeHaas Supply Company, Dept. II, 3215 Mt. Vernon St., Philadelphia, Pa.

WANTED—Hog and sheep raisers to send for our free booklet, "How to Build Cement Dipping Vat." Write a card today. The Home Medicine Company, La Harpe, Ill.

WOOL—Write for circular wool tying machine, makes profit 10 to 30 cents a fleece over old way. Geo. T. Underhill, Knoxville, Iowa.

MANLOVE AUTOMATIC GATE. Send stamp to secure valuable souvenir free. Manlove Gate Co., Milton, Ind.

MONEY \$ \$ \$—Reliable men write to John Hicks, Box 213, Cripple Creek, Colo.

WHAT have you to sell or exchange? Do you want to buy, sell or trade farm or grazing lands? Do you wish to sell live stock, dogs or other pets, poultry, poultry supplies, machinery, new or second-hand, implements, musical instruments, merchandise or, in short, anything that the farmer wants? If so, the best way to accomplish your purpose is by inserting an advertisement in the classified department of this paper. Only five cents a word for an advertisement in the greatest group of farm papers in the world, with 190,000 guaranteed circulation, covering the states of Iowa, Wis., Minn., South Dakota, Ill., Neb., Missouri, Kansas and Oklahoma. For further particulars, see announcement at top of this page.





## A Very Lame Excuse

Is that offered by other Cream Separator concerns, when they tell you that even though they do not extract all the cream what they leave in is not wasted because it goes to fatten the pigs. This is a fallacy. Professor Haecker, of the Agricultural Department of the University of Minnesota, declares that there is as much food value in skim milk as in whole milk. Therefore, the cream remaining is wasted.

You prevent all this waste by using an

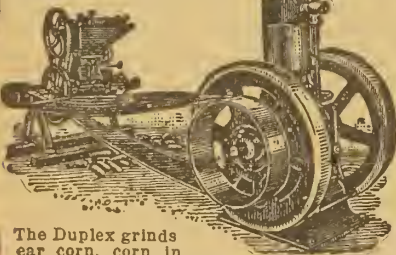
## Iowa Dairy Separator

What you want is every particle of the cream, and this is exactly what you get with the "IOWA." Write at once for catalog 25 and full information, which will come free by return mail. Address,

The Iowa Dairy Separator Co.,  
Waterloo, Iowa.

## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.  
DEPT. B, IOWA CITY, IOWA.

## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### Advantages of Silo and Alfalfa for Dairy-men.

To the Editor of The Homestead:

To those who have adopted the use of the silo its advantages are ever apparent. My thought is to so present the facts that every man who owns a dairy, but not a silo, may resolve before the winter of 1907 that he will have one and thus be able to supply his cows, throughout the stable season, with a ration which as a milk producer closely resembles June pasture.

With the silo a vast amount of food can be stored in a small space. If the silo is just in touch with the barn so that its doors open inside the barn, it is an easy matter to take out the silage at any time during the winter. Where hay alone is depended on for winter's feed, it takes a good-sized barn to hold hay for a good-sized herd of cows, and often the farmer is deterred from getting more cows because he knows that his barn will hold no more hay than is necessary to feed the cows he has.

The cost of building the silo is more than offset by the saved expense of enlarging the old barn or building a new one. A chief economy in feeding silage is that the cellular structure of the corn plant has been preserved with all its juices, and this is easily digestible by the cows and helps keep their digestive organs in a good condition. Silage is not dusty as hay often is, and therefore there is no danger of filling the barn with millions of bacteria-laden particles when some of it is thrown down for feed. To cheapen the cost of production is the effort being put forth by those engaged in every channel of industry. New machinery supplants that which has been in use but a comparatively short time, because the manufacturer sees a lessened cost of production of the finished article. The silo will, without doubt, cheapen the cost of dairy production more than any other one factor of which the dairyman can avail himself, and it is good business judgment on his part to look at the facts as they are and determine if it would not be wise to adopt this approved method.

We make ensilage our main food. It is unnecessary to enlarge upon the value of ensilage, for every dairyman in the corn belt certainly knows the value of this great feed. I feed from thirty to forty pounds of ensilage per day in proportion to the cow. It is our intention for our cows to have all they want, and in the best condition. In the winter the ensilage is not removed from the silo until feeding time. The ensilage ration is balanced with corn-meal and bran, half and half by weight, and clover and alfalfa hay. The bran and corn-meal are fed in proportion to the period of lactation of the cow, and as much as she will consume at a profit. We feed our ensilage and grain the first thing in the



## THE OLD PAN WAY

50%  
MORE  
CREAM

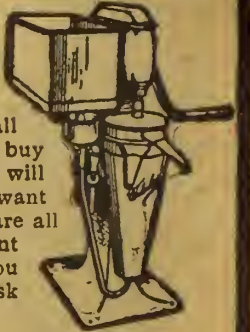


THE  
TUBULAR  
WAY

**DON'T PAY**  
The old pan way of raising cream don't pay—it's too mussy and fussy—too much work for the women. And it don't pay in dollars and cents because you actually lose 50 per cent of the cream you ought to get. You can increase your cream product about 50 per cent over pan setting; 33 per cent over cans set in cold water; 25 per cent over patent creamers or dilution cans by using the

## SHARPLES TUBULAR SEPARATOR

Besides you can skim the milk immediately after milking—save the handling and the expense of storage. A good milk-house costs more than a Tubular and isn't half so profitable—even if you already have the milk-house it will pay in labor saved, in crocks and pans saved, and the increase in cream will be all clear profit. Of course, when you buy a separator, you want the one that will get you the most profit—you'll want the Tubular—the reasons why are all given in a book which you will want and which we want to send to you free if you will only write for it, ask for book H. 121



Mr. Mac Tuttle, Danville, Ill., says "The first week we used the Tubular we made a gain of 12 lbs. of butter from five cows."

**THE SHARPLES SEPARATOR CO.,**  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.

**\$3.50 for 100 Pound Sack**  
FREIGHT PREPAID. NONE BETTER. WHY PAY MORE.



4 formulas, for Dairy Cows, Horses, Hogs and General feeding. If your dealer cannot supply you, send for **SPECIAL PREMIUM OFFER.** Our local agents are making money. Write for particulars, don't delay. We grind **ALFALFA MEAL.**

Quotations on application.

**TONIC STOCK FOOD CO. ELGIN, ILL.**

morning, then do our milking and separating, then feed at noon ten to fifteen pounds of clover and alfalfa hay. The same method is followed in the evening with ensilage and grain. We do not depend on grass alone more than ninety days in the year. Then if we have an ensilage left over from winter we feed about twenty to twenty-five pounds per day. If we have no ensilage we sow a small plot to oats and peas and begin feeding as soon as it will do, cutting from the field and hauling to the pasture each day. This is a more expensive way of feeding than the ensilage, but it is far better than to let the cows go hungry, for a hungry cow won't give milk.

I advise dairymen to grow more pro-

## GET DAVIS' PRICE

on a Cream Separator direct from the factory at real wholesale factory prices. Save 20% to 50%. Our improved 1907 model with wonderful cone bowl is a skimming device not equalled. It will double your dairy profits while cutting labor in two. We want you to have our 1907 catalog. Send postal or letter for it to-day—now, for money saving catalog No. 118.

**DAVIS CREAM SEPARATOR CO.,**  
541 N. Clinton St., Chicago, U. S. A.



tein feed upon the farm and not buy so much. I am sure that the plan is a good one and one that will pay under almost any conditions. What is the use of spending good, hard-earned money for rich concentrated feeding stuffs when we can just as well grow it for almost nothing, compared with what market feed costs? It certainly looks as if something were wrong with the farmer who persists in carrying on his farm and crop operations in the same old way, when he could just as well be profiting by new and better methods. The simple raising of more leguminous plants upon the farm will do away with the necessity of buying great bills of commercial feed in order to balance up the farm ration. When a ton of alfalfa hay contains nearly as much protein as a ton of wheat bran, which usually costs \$15 to \$20 per ton in the open market, and when one acre of land will produce several tons of the hay annually, it does not seem as if there would be much question as to which food produce is the cheapest for the farmer to use. The balance is greatly in favor of alfalfa hay. Clover, although not quite so rich in protein as alfalfa, furnishes a much cheaper source of this bone and muscle-making food. The matter of growing alfalfa need not greatly trouble the farmer, for, although it may be new to him and his soil, a little careful preparation before sowing and the proper attention afterwards will result in surprising success.

There is no reason why farmers should dislike to try new crops. The more interest involved in making the experiment which may result in introducing a more profitable crop should be enough to induce the trial. Investigation along these lines invariably leads to the increase of annual profit from farm as well as con-

# EASY TO OPERATE EASY TO CLEAN

**T**HERE are two things it pays to watch out for when you buy a cream separator.

**I. H. C. CREAM HARVESTERS** are of simple construction; are very easily operated and easy to clean.

Notice the natural and easy position of the operator in the illustration. The handle is placed at just the right height to turn easily. No high reaching or stooping over. The machine is also geared just right to make it run easily.

Another important feature is the low supply can,—one that is filled easily and yet the milk and cream spouts are high enough to make possible the use of large receiving vessels. The skimmed milk will flow directly into a ten-gallon milk can.

In many separators, either the supply can is high or the milk and cream spouts are low.

And because of their simple construction, **I. H. C. CREAM HARVESTERS** are easily cleaned. All you need is a pan of hot water and the two brushes which go with the machine.

These are but two of the good points of the **I. H. C. CREAM HARVESTERS**, and before you buy a cream separator, you will do well to learn all about them.

They skim close under all conditions, whether the milk is warm, cold, rich, viscid or old—they get all the cream down

to a thousandth part.

They are made so strong and simple that in years of operation, they show no perceptible wear. We have given them a practical test that equals several years' work in the dairy. Every machine is tested before it leaves the factory.

The working parts are self-oiling, and neatly housed to prevent accident; yet all are readily accessible, which makes them easy to keep clean.

**I. H. C. CREAM HARVESTERS** are made in two styles, and various sizes; **Dairymaid**, a chain drive separator, and **Bluebell**, a gear drive separator.

Call on local agent and inspect these separators or write for catalog.



**INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO, U. S. A.**

(INCORPORATED)





**EXAMINE A  
PEERLESS  
CREAM SEPARATOR**

See the many points of superiority it has over all other makes.

The Peerless has a combination hollow and disc bowl. This one feature alone means a saving of the price of the machine over other standard makes.

You cannot afford to use a cheap separator if you can get one for nothing. Write for Special Catalog No. 9.

Waterloo Cream Separator Co.,  
Waterloo, Iowa.

**AGENTS WANTED For Mend-a-Rip**

Greatly Improved. Better than ever. Does all kinds of light and heavy riveting and stitching. Have it cost many times a year. A perfect Hand Sewing Machine and Sewer combined. Notice the Automatic Flyer which makes cost, even allowing TO show it means a sale. Agents make \$3 to \$15 a day. The agent makes \$24 first day and writes to hurry machine to him. Write for special agent price. J. B. Foote Foundry Co. Dep. 438 Fredericktown, O. (The Great Agents Supply House)

**SOLD ON 3 Months' Trial.**

1907 model gasoline engines, all sizes. Highest class, simple engines made. Three months' trial will prove it. For general information and prices address,

Holland Engine Co., Dept. 1, Cedar Rapids, Ia.

**Martin's Grinders**

Are the grinders that grind. What they save in gasoline will pay you to throw away your grinder and get one of these. All sizes. Sent on ten days approval. Sold direct from

**FACTORY TO FARM.**

Make what power you have. Mention Homestead and ask for free catalog.

**M. R. MARTIN,**  
St. Louis Park, Minn.

**BOWSER SWEEP MILLS**

Different from all others. 4 or 2 horses. Geared 10 to 1 or 7 to 1. Grind Corn with shucks or without. And all small grains including Oats and Wheat. (Also make 7 disc belt mills)

**E. N. P. Bowser Co., South Bend, Ind**

tribute to building up and retaining the soil fertility. Let it not be understood that I advocate the doing away entirely with grain feeds. Not at all, but by growing rough feeds that have a high per cent of protein the concentrated feed bill can be cut down materially and still our animals will receive a well balanced ration that will give the best of results.

J. P. Fletcher.

**The Wisdom of Cleanliness.**

To the Editor of The Homestead:

Every man who takes his pen in hand to write something on dairy topics always feels a temptation to emphasize the question of cleanliness. Because of that the subject has become hackneyed, and I suppose there is not one reader in ten who reads anything relating to that phase of the dairy question.

However, as every man sees things from his viewpoint alone, I have thought that someone might be interested in my viewpoint. I have been running a private dairy for about a quarter of a century, and during that time have had a great many different types of men employed. My greatest difficulty through all these years has been to impress these men with the importance of being clean about their work.

I have seen cows come in from the pasture during soft weather in the fall or in the spring through mud a foot deep. Naturally, in such cases their udders were more or less contaminated, and yet under these circumstances four men out of five will, if left alone, start to milk without going to the trouble of rubbing off or washing the udder. Under such circumstances, how can any man, no matter how skillful he may be, make good dairy products from milk that is drawn in that way?

Someone recently said that it is unfortunate that milk is not as transparent as water, as then all forms of filth would be easily detected. Because men do not see particles of filth that drop into the milk they are not impressed with the importance of keeping them out.

I will defy any man to make good butter no matter how carefully he handles his milk afterwards, if the milk is drawn originally from udders that are contaminated on the surface. The cream from such milk seems to contain some kind of undesirable organisms so that the butter is off flavor in every instance. If you will assign a certain number of cows to each of two men, one being cleanly in his habits, taking the precaution to rub off or wash filth from the udder, and the other a man of average habits so far as cleanliness is concerned, I venture to assert that if the milk drawn by each man is placed in a vessel by itself and allowed to stand for a period of twelve hours, even at a low temperature, that any man can tell by the taste of the milk which set of cows it came from. Now, if this is the case, it is even an easier task to distinguish between the butter made from two lots of milk, because in the butter you have the resultant product of the undesirable germ's work.

Now, I do not mean to be cranky on

**LOW TEMPERATURE  
CREAM SEPARATORS**

Ability to SKIM CLEAN at LOW TEMPERATURE is an other important consideration in the purchase of a cream separator and one of the chief DIFFERENCES between the DE LAVAL and other makes of separators.

The ordinary cream separator is capable of doing reasonably good work only with milk at a temperature of over 80 degrees. When the temperature is lower the skimming is so poor that the loss of butter-fat is great, while only a very thin cream can be run, and with most machines the bowl soon clogs and will not skim at all.

Farm separation is usually made above 80 degrees, but every user knows that there are frequently times when the milk must be separated cooler, unless a lot of trouble is gone to in heating it which must injure the quality of the cream and butter.

The superiority of the patent protected "ALPHA DISC" type of bowl construction used in the DE LAVAL machines is such that temperature makes little difference in results.

This is something so important in factory operation that it is one of the reasons why the creamery use of DE LAVAL machines is almost universal. Surely the buyer of a farm separator makes a mistake to overlook it.

**THE DE LAVAL SEPARATOR CO.**  
RANDOLPH & CANAL STS. CHICAGO  
1213-15 FIFTH STREET PHILADELPHIA  
DRUM & SACRAMENTO STS. SAN FRANCISCO  
General Offices: 173-77 WILLIAM STREET MONTREAL  
74 Cortlandt St. NEW YORK.  
14 & 16 PRINCE ST. WINNIPEG  
107 FIRST STREET PORTLAND, ORE.

**CLIP YOUR HORSES IN THE SPRING**



**WITH THIS NEW STEWART CLIPPING MACHINE**

Clipped horses look better, feel better, work better, and are less liable to take cold. Don't let your horse stand all night with a heavy, damp coat of hair on. It weakens them and they lose flesh. If clipped they dry quickly, rest well and their food does them good. It is built strong with file hard cut steel gears enclosed and running in oil. There is little friction and practically no wear. All progressive farmers and horse-owners now clip in the Spring, and this is the machine to do it with. Order one now. Send \$2.00 with your order and we will ship C. O. D. for the balance. Write for our big new catalogue, which shows the largest line of clipping machines in the world. It is free. Send today.

**CHICAGO FLEXIBLE SHARP COMPANY, 234 Ontario Street, CHICAGO**

the subject, but want to insist that every dairyman should keep available in the stables a few clean cloths and insist upon it that the udder and flank of a cow shall be wiped off in every instance before milking begins. The time required to do this is not an item of

any importance whatever, and yet it will, day by day, result in making the difference between high-class dairy products and those of medium or even poor quality. I do not think it is always necessary to wash the udder, a dry cloth in most cases, in my opinion, being sufficient to remove all kinds of contaminating material that will be liable to come in contact with the milk during the milking process.

This matter of rubbing off the udders should become a fixed habit never to be omitted any more than one would think of omitting the dairy cow's grain ration at feeding time. Good habits become fixed in one's character almost as easily as bad habits, where there is a will to have the right kind fixed. If you are engaged in dairying get into the habit of being clean at milking time.

A Dairy Crank.

**FILES CURED IN 6 TO 14 DAYS.**  
PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded.

**GRINDERS THAT GRIND**  
This is a phrase that may well be applied to the grinders manufactured by the M. R. Martin Manufacturing Company, of St. Louis Park, Minneapolis, Minn. They have confidence in their grinders to such an extent that they will ship you one on ten days' free trial. The grinder is one of light draft, guaranteed to grind more feed with less power than any other mill. The grinders are built any size desired, the No. 16 grinding 100 bushels per hour. The price range from \$18 to \$50, according to the size. They are well built, and will outlast any other mills of some price, because the burrs do not touch while grinding, and it is built on a heavy metal base. A handy device is provided so that the feed, when ground, falls into sacks, saving the second handling. This paper taken pleasure in speaking for the goodness of these Martin grinders, and would deem it a favor if you would mention us when replying to their advertisement which appears on this page.

**The Cream Separator You Use  
Is It Anything Like Ours?**



Does it require a special kit of 14 or 15 tools or can you take care of it with only the bowl wrench?  
Does the bowl run "in the open" so that it may be stopped instantly, or do you have to wait for it to "run down"?  
Does it turn hard or easy?  
Does it give you constant trouble, necessitating numerous visits by an expert to make it "stick"?  
Does it satisfy you or not?

Does it have a bearing at the top of the bowl, as well as at the bottom, thus overcoming vibration?  
Does it deliver both skim milk and cream from the bottom of the bowl, so that the bowl drains itself?  
Can you stop the bowl, take it from the machine, clean it thoroughly and replace ready for work again, in three minutes?

**The OMEGA  
CREAM SEPARATOR**

is the only cream separator that really meets and fills all the requirements of the modern farmer who wants a modern machine. We want to show you why and prove our claims. That's all we ask. Don't you think it worth investigating?  
Send today for catalogue, guaranty and our booklet, "More Milk Money."

**The Omega Separator Company, 35 Concord St., Lansing, Michigan.**



# Your War on Weeds

The use of special-purpose tools for weeding means a big saving in time and labor.

With them more work can be done in less time than with ordinary tools, and profits on crops thereby increased.

True Temper Weeders are constructed for particular kinds of work, and there is a tool for every need.

They help to cover the ground more quickly and thoroughly. Notice the True Temper Hand-Cultivators also.

They are formed on the same principle—special adaptation to the work for which you use them.

Not only Weeders and Cultivators, but Forks, Hoes, Rakes, Hooks, Beel Tools, Garden Tools, Floral Tools—every desirable kind of farm and garden hand-tools.

**"The best tools you have ever bought at the same prices you have always paid."**

"You know a tool is just right when it is True Temper," because no tool receives that label at our factories until it has been tested and inspected.

It must prove true in quality, construction, "hang" and temper.

Ask your dealer for True Temper tools.

You'll get some valuable pointers about special-purpose tools from our **FREE BOOK**.

"Tools and Their Uses." Write for it today.

American Fork & Hoe Co., 1135 Am. Trust Bldg., Cleveland, O.



## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### HORTICULTURAL NOTES.

We examined the strawberry bed a few days ago. It was difficult to get about on account of the mud, but once we got our feet upon the mulch there was no further difficulty as the ground beneath was still frozen solid. We dug through the mulch and found the leaves fresh and green and the crowns in fine condition.

Yesterday we passed a strawberry patch which had not been covered. The plants were seared and brown. If the alternating thawings and freezings of the past week continue, we predict that these unprotected beds will be greatly damaged. Where the plants, though unprotected, have not been damaged mulch is still a necessity. It will serve a good purpose in keeping down weeds and in keeping the berries clean.

The man who is growing strawberries commercially should get his boxes as early as possible. There is often a shortage as the season progresses, especially if there is a large crop in Arkansas and Missouri. We have seen quart boxes sell as high as ten dollars a thousand before the season was over. The ordinary price is about one-fourth that much.

A cow in the orchard at this time means destruction, for she is sure to break and damage the trees by rubbing them.

The wife of one of our neighbors set before us a few days ago a pitcher of sweet apple cider. Her method of preserving it was by boiling three gallons down to one and then canning in glass jars the same as fruit.

Many hot bed failures are due to a mistake in putting in the manure. The manure should be fine—no coarse chunks. It should be spread in layers about four inches thick. Each layer should be tramped until the mass becomes firm and springy, but not soggy. This insures equal heating without which no hot bed can be a success.

A man who recently bought a place just outside the corporation limits of a city of ten thousand, on which there is an orchard of about one hundred and fifty large apple trees gave us some of his experience a few days ago. He said he had gotten good returns from his Duchess and Wealthy trees and had found a market for the fruit. The Ben Davis had done only fairly well, far from satisfactory. The Jonathans and Winesaps and other winter varieties had done scarcely anything, and a row of Russets, across the orchard were not near worth the ground they occupied. Coming when we are advised to "plant more winter varieties of apples," these remarks are significant. We believe they bear out the common experience north of the southern third of Iowa.

### Alfalfa Experiences.

To the Editor of The Homestead:

In this paper I shall outline causes that tend to successes and failures in securing a stand of alfalfa in order that in my next I may present the seeding as concisely as possible.

It seems that with no crop has there been the trouble in securing a stand that has attended the seeding of alfalfa. On this account many men and many communities are now without this wonderful plant where it would be of inestimable value and where I confidently believe it can be grown.

We were the pioneers in the introduction of alfalfa in this county and knowing nothing of growing it, our first venture in the eighties was not a brilliant success. This seeding producing less than a half stand, was allowed to remain a year or two in the fond delusion that it would "thicken up," not understanding the nature of the plant. No further attempt was made until 1896, since which time a number of seedings have been made with unvarying success, except in one case mentioned later.

Alfalfa will not grow on acid land, but I do not suppose that there is a great amount of this land being farmed.

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OUR leader is Brown's Choice, which we years ago developed from Leamlog stock. Reid's Yellow Dent, Iowa Silver Mine and Yellow Stone, the latter one of the best early (90-day) varieties are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

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20 Norway Spruce, 3 to 6 in. \$1; 100 Arbor Vitae, 3 to 6 in. \$1. Prepaid by mail. Many other bargains. Larger trees by express or freight very cheap. Sixteen different kinds. Price list free. **HARVARD NURSERY**, Box W, Harvard, Ill.

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borders on the acid or where the humus has been depleted.

I believe that the majority of the farmers fail in the preparation of the seed bed. The subsoil should be firm enough to promote the free movement of soil water through percolation or capillary attraction as the case may be, yet not so hard as an unbroken sod would present. The surface soil should be loose and fine enough to present the best condition for plant growth and to check evaporation, an important matter anywhere. For this reason I do not like to sow on freshly-plowed land, but much prefer to take a field that has been plowed the year previous. A corn field that has been well tilled is perhaps the ideal field, yet if one wishes to sow in the fall this will not be available and in that case the stubble land offers the best opening.

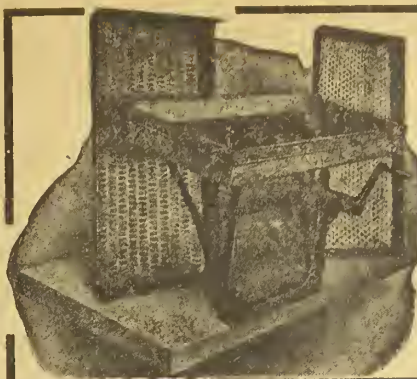
Fall seeding has its advantages if there be moisture enough to sprout the seed. The plant does not have to contend with weeds in its infancy and the farmer does not lose one year's use of the land; on the other hand if the winters are extreme there is some danger of winter killing. If alfalfa is sown the middle of August, the plant will be strong enough to stand all but the extreme winters and the next season will yield three fair crops of hay. The maximum yield, all conditions being equal, will probably be reached the fourth year.

I do not believe in sowing alfalfa with a nurse crop, though I have seen good stands secured in that way, but the danger of loss in one of three ways is too great to justify the risk. If the season is dry, the so-called "nurse crop" may take up all of the moisture and the alfalfa suffer for want of a drink. In a wet season the nurse crop may grow rank enough to smother the young plants; or, after the nurse crop is taken off the hot, bright sun beating down on the tender and hitherto shaded plants will cause them to suffer and possibly die. Then, too, there will be no protection to the ground, as where the weeds are clipped and left, nor any way to break the soil surface so that evaporation will not be checked and go on to the injury of the alfalfa plants if any yet remain.

If spring sown, alfalfa must be clipped two or three times the first season to keep down the weeds, but this must be done intelligently or you may do your work ever so well and yet lose out at this stage of the game. Alfalfa is not a grass and the stem does not continue to grow when the end is clipped off, but new shoots must come from the crown, but there is no crown until the plant has blossomed the first time. So if you must clip before the young alfalfa has come into bloom, be sure that you clip as high as you can, so that as many leaves as possible may be left on the stem. If you cut off all the leaves you have ruined your alfalfa. The leaves are the breathing organs of the plant and must be allowed to carry it on to the blossoming time or "crowning time."

We believe in harrowing the alfalfa the spring of the second year to loosen up the surface soil, to break the crust, to aerate the soil, to check the evaporation and kill the young weeds. After this we advise disking each spring as the plants begin to show green. If you doubt the efficacy of this in increasing the yield, just try it on a small scale and be convinced. To show that a harrowing may be beneficial allow me to illustrate: We sowed a field one year that was not fenced separately and lay directly between a stalk field and the pasture gate. The cattle tramped it that winter till it was as hard and as bare as a floor. In the spring when other fields were quite green this one was only showing here and there a green sprout and I feared that the stand had been destroyed. One morning after a light rain I sent a man out to harrow the field. In two days the transformation was a sight for sore eyes. The plants were there, but could not come through the hard crust. This incident, too, may go to show the grief that alfalfa will stand when you consider the fact that this was the first winter and that it was not only unprotected, but that the soil was packed as hard as it could very well be and that it made an excellent stand.

Alfalfa seed is too high, help too scarce and land too valuable to justify a man to make his own experiments from the beginning, so I am impelled to treat this subject at greater length than could generally be given to one subject at one time. I will now name the only failure to



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HENRY FIELD, SEEDSMAN,  
BOX 25, SHENANDOAH, IOWA.



get a stand that we have met with, not counting two by reason of the grasshoppers against which we were not able to cope. Last spring I found that the hogs had destroyed the stand in one of the pastures by too close pasturing, and not wanting to lose any time and as fall seeding is not to be relied upon with us, August often being too dry, I had the ground plowed; having been in hog pasture disking was practical. The soil was then packed with a disk in lieu of a subsurface packer and the seed immediately sown. But nowhere except where the horses had tramped in turning at the corners did any seed come up. Later a heavy rain packed the soil and more plants showed up, but when spring comes I do not expect to

see a full stand. Possibly uniform success bred recklessness, not to be tolerated with \$10 seed. H. D. Lute.  
Keith county, Neb.

#### Locating an Orchard.

To the Editor of The Homestead:

I notice in a recent issue an inquiry from Washington county, Kan., in regard to establishing an orchard and will give a few pointers.

If possible, select ground that is sloping to the east or northeast and not too wet. After your ground is well prepared the most particular part of the whole business is to select the trees. If you order them from a nursery first examine the roots and see that they are fresh and lively. Never mind what the agent says about the top of the tree; he will fool you if you don't attend to your own business. The top may look all right and the root be dead. You can shape the top at any time, and in pruning be sure to balance the tree.

Don't set closer than thirty feet apart for apple, and set one peach tree between one way and when the apple trees begin to bear, cut out the peach trees. You don't want any windbreak around the orchard in the latitude of Washington county, Kan., for fear of sun scald. It is the winter and early spring that burns the trees; summer sun never hurts the body of the tree. The windbreak will cause the sap to start early, so give the trees all the wind there is in motion and your fruit will not kill in March or April.

In 1867 I set out an orchard in Pawnee county, Neb., and the old orchard is still producing fine fruit on forty-year-old limbs that reach thirty-six feet from outside to outside. Subscriber.  
Pawnee county, Neb.

#### BABY'S TORTURING HUMOR.

Ears Looked as If They Would Drop Off—Face Mass of Sores—Cured by Cuticura in Two Weeks for 75c.

"I feel it my duty to parents of other poor suffering babies to tell you what Cuticura has done for my little daughter. She broke out all over her body with a humor, and we used everything recommended, but without results. I called in three doctors, they all claimed they could help her, but she continued to grow worse. Her body was a mass of sores, and her little face was being eaten away; her ears looked as if they would drop off. Neighbors advised me to get Cuticura Soap and Ointment, and before I had used half of the cake of Soap and box of Ointment the sores had all healed, and my little one's face and body was as clear as a new born babe's. I would not be without it again if it cost five dollars, instead of seventy-five cents. Mrs. George J. Steese, 701 Coburn St., Akron, Ohio."

#### A STRAWBERRY BED FOR ONE DOLLAR.

Every member of the family looks forward to the coming of strawberries. The big, mellow, luscious kind that can be found only in the farm garden. Located at Woodward, Iowa, is the firm of J. L. Todd & Son, formerly of Atlantic, Iowa. For \$1 they now offer to send their customers 300 strawberry plants, all healthy, vigorous stock of leading varieties, such as the Senator Dunlap and others. With your order you will also get printed instructions on how to plant and care for the bed. Three hundred plants for \$1. Write at once and have your order placed, as at these prices the supply will not last long. On page 4 will be found the advertisement. Address your letter to Messrs. J. L. Todd & Son, Woodward, Iowa.

#### A NEW DEPARTURE IN SEED CORN.

We are in receipt of a catalog of The Gateway Nursery Company, of Le Mars, Iowa, who have inaugurated a new departure in the seed corn business, and are now selling under the Holden test. They are offering eight varieties of corn, among which are Reid's Yellow Dent, Yellow Special, White Pearl, Iowa Silver Mine, Minnesota No. 13 and other standard sorts. Their descriptive catalog of hardy fruit trees, ornamental trees, shrubs, evergreens and all kinds of shrubs is now ready to mail, and they will send it to all who send their name and address. If any of our readers want seed corn or fruit trees we would urge them to write the above firm. They will fill your order to your satisfaction.

#### AN IOWA FARMERS' SUPPLY COMPANY.

At West Branch, Iowa, is located the Farmers' Supply Company, who are offering in our columns a roofing which they sell direct to farmers and builders. Great claims are being made for the brand, which is guaranteed to be just as represented. As the material has no sand coating there is no chance to cover up defects. For the standing of this supply company we refer you to any good citizens or state bank. See page 23 for quotations of this roofing.

\$58.40 PER ACRE.

Out in Page county, Iowa, there was a lot of farmers made good money last year

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and say: "Send me your new Paint Books," and we will send you free by return mail, our two paint books, most valuable

and attractive ever offered; one, a text book, "How to Paint," tells everything about painting, the other, a big complete sample book, with exact shades of every color house paint, barn paint, Chinese Gloss Lacquer, for refinishing furniture (makes old articles like new), varnishes, stains, enamels, etc., shows harmonizing color selections and our wonderfully low prices. We own our own big paint factory and sell you direct on the basis of material and labor cost one-half what you must pay all others. Our paint is guaranteed, 10 years, smoothest, easiest worklog, covers double the surface, lasts twice as long as others, and you share in our profits.

**YOU CAN GET** this couch, Morris chair, other valuable articles or choice of hundreds of free, according to our revised, more liberal than ever plan of sharing profits with our customers, all fully explained in the free paint books. Write at once and get the paint books. Address: **SEARS, ROEBUCK & CO., Chicago.**

## ROSES

#### 108 Varieties

Including all the choicest European and American sorts. It will pay every lover of roses to get our American Beauty Collection, consists of the following: American Beauty, the old favorite, most beautiful and expensive rose. White American Beauty, pure ivory white, grows vigorously, blooms constantly. Black Beauty, a fine flower. Striped Beauty, bluish, crimson striped. Moon Beauty, exquisite pink flower, elegantly mossed. Pink Beauty, splendid bloomer, very hardy. One strong plant of each, 75c. One large 2-year old dormant plant of each, \$1.50, charges prepaid. Introduction Collections: 10 choice Roses, other varieties, only 50c postpaid. Largest rose growers in the West, 31 greenhouses, 20 acres flowers. Illustrated catalogue free. Mention this paper. **IOWA SEED CO., DES MOINES, IOWA.**

## 2 Bushels Made \$420 The Teddy Roosevelt Pea MAKES YOU DOLLARS

No other pea makes gardeners so much money as the "Teddy Roosevelt Pea." You can prove this. John Anderson of St. Paul, Minn., got \$420 in cash from 2 bushels of the "Teddy" Pea we sent him. All praise it highly. BE-CAUSE—the "Teddy Roosevelt" Pea GIVES DOUBLE THE QUANTITY OF SHELLED PEAS, it's the LARGEST "PODDER" the "SWEET" "CROPPER" and the HEAVIEST "YIELDER." Large package 10c, Quarts 50c postpaid. Send for FREE 132-page catalog telling about our

#### FREE Sterling Seed Premiums

Special collection of 11 Vegetable and Flower seeds explained on pages 2 and 3, how you get \$1 worth FREE. Only Catalog readers get this. Write today and we'll send FREE ALSO either our "Ain'ta Book," or Book on "Features and Fungus Crops." Specify which one you want. THEY ARE FILLED with important farm and crop information. Will pay you to write. Our catalog and books are the most valuable published. Address: **MORTHRUP, KING & CO., 181 Hennepin Ave., Minneapolis, Minn.**

## ASPENWALL POTATO MACHINERY

#### GREATEST LABOR SAVERS

World's Largest Makers of Potato Machinery

CUTTERS, PLANTERS, SPRAYERS, DIGGERS, SORTERS.

WRITE FOR FREE BOOKLET "POTATO CULTURE"

**ASPENWALL MFG. CO.**

239 Sabin St., Jackson Mich.

## A.A. BERRY SEED CO GRASS SEED

Meadow Fescue, per 100 lbs \$7.50  
White Clover, " \$13.25  
Alsike Clover, " \$13.25  
Bromus, " \$9.50

All prices per 100 lbs, f.o.b. Clarinda. Bags weighed in free. Samples and latest market prices on Timothy, Red Clover and other grasses on application. Send for free descriptive catalog of Corn, Grains and Garden Seed.

A.A. Berry Seed Co., Box 50, Clarinda, Ia.

## FREE! THE FINEST SPREADER BOOK EVER ISSUED

I'll send you this big, handsome book FREE for your name and address on a postal. It's a book you ought to have—for it gives a lot of valuable information on the question of Fertilizing. It tells you how to increase the value of your crops—and of your land. Shows big photographs of the

#### AMERICAN MANURE SPREADER

and tells you how a Spreader will pay for itself by increasing the size and quality of your crops. This book gives detailed description of the celebrated American Manure Spreader

#### Sold On Time And On Trial

Tells you the style and size of machine you need for your particular farm—and gives you points on the question of Fertilizing that every up-to-date farmer will be glad to have. Write for this book at once—I'll send it FREE—and pay the postage on it too. Send your postal NOW—before the books are all gone.

**W. W. COLLIER, Gen'l. Mgr.**

American Harrow Co., 153 Hastings St., Detroit, Mich.

growing "Diamond Joe's Big White Corn," a new variety originated by the Rakekin Seed House, of Shenandoah, Iowa. In fact, all who planted it grew record-breaking crops, obtaining from 100 to 125 bushels per acre, one farmer making an average yield of 146 bushels per acre, which he sold on the market for forty cents per bushel, netting him \$58.40 per acre. We have before referred to this new and wonderful variety of corn, and have just arranged with the Rakekin Seed House, whereby a copy of their new seed book, illustrating this corn, will be sent free to all who will mention this paper. The address is Rakekin's Seed House, Shenandoah, Iowa. It is a very instructive book and every corn-growing farmer should have one. Send for it today. See advertisement on page 11.

#### PLANTER'S SEED TABLE.

As a rule one never places his seed table where it can be found. A reliable table of this kind comes very handy at planting time and is well worth preserving. It is impossible to remember the exact amount of every variety of seeds that are sown, so one must frequently refer to data. The A. A. Berry Seed Company, of Clarinda, Iowa, are remembering their customers this year with a seed slip or table showing the weight of a bushel of seeds and the amount to sow per acre. This seed company are well prepared to fill orders for all kinds of garden seeds, as well as field grains and seed corn. Send for their catalog of seeds at once if you have yet to make out your order.

**SEED CORN THAT FAILS TO GROW** makes a man all sorts of trouble. Some people have become so accustomed to re-planting a good share of the corn that it has almost come to be considered by them as a necessary part of the business. This kind of farming is accountable for many of the failures on the farm. Labor is too valuable to waste. The cost of the seed is a small consideration. Be absolutely sure that your seed will grow. If it fails then place an order with some good, reliable seed house for your supply. For this we would refer you to Messrs. J. B. Armstrong & Son, of Shenandoah, Iowa. They also sell other field seeds. See this page.

#### SAVING COAL AND WOOD.

Farmers without an evergreen windbreak ought to start one this coming season. It is a great protection and a saver of heating material. A good way to start one at little cost is to write the Gardner Nursery Company, of Osage, Iowa. They are giving away four evergreen seedlings free to all who ask for them. These trees will grow and in a few years surprise their owner with their

**A BIG GARDEN**  
The year of 1906 was one of prodigious plenty on our seed farms. Never before did vegetable and farm seeds return such enormous yields. Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid:

1 pk. Garden City Beet	10c
1 " Earliest Rippe Cabbage	10c
1 " Earl's Emerald Cucumber	15c
1 " La Crosse Market Lettuce	15c
1 " 12 Day Radish	10c
1 " Blue Blood Tomato	15c
1 " July Turnip	10c
1000 kernels gloriously beautiful flower seeds	15c
<b>Total</b>	<b>\$1.00</b>

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 15c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant, nursery stock, vegetable and farm seed and tool catalog. This catalog is mailed free to all intending purchasers. Write to-day.  
**JOHN A. SALZER SEED CO., La Crosse, Wis.**

## SEED CORN

Five bushels or more at \$1.00; 1 bu. \$1.25; 1/2 bu. 75c; pk. 40c; one ear or one lb. shelled, by mail, 25c; hand sorted, tipped and butted, shelled and graded, sacked and free on cars at Shenandoah, Iowa.

**Large Kinds.** Mammoth Iowa Yellow, Early Yellow Rose, Snowflake White, Berliner Earliest Cauliflower, Iowa White Wonder, White Samarander, Legal Tender, Silver Mine.

**Medium Kinds.** Learning, White Dent, Armstrong's Choice, Klondike, Longfellow's Dent, Pride of the North.

Small grain, grass seed, vegetables, potatoes, cane seed, silage corn. Let us figure on your list.

Catalog Free **J. B. ARMSTRONG & SON, Shenandoah, Iowa**

**Jewell Seeds and Trees**  
Have been planted since 1863. Always reliable. Most complete line of hardy stock in the U.S. Five catalogs. The Jewell Nurseries, Box 16, Lake City, Minn.

size and thriftiness. See advertisement on page 10.



Monsees & Sons' Record-Breaking Jack and Jennet Sale.

The thirtieth semi-annual sale of jacks and jennets held on March 5th, by Messrs. L. M. Monsees & Sons, of Smithton, Mo., at their Limestone Valley Farm, was a record-breaking event. The offering was by far the greatest one of jacks and jennets ever made in the history of the business, buyers being present from such remote points as New Mexico and California. Two years ago the Monsees sale broke all records, when twenty-nine jacks sold at an average of \$704.14, with a \$1,405 top and only three jacks selling for over \$1,000. Last year these gentlemen again broke all records, selling thirty jacks at an average of \$856.16, with a \$1,600 top and nine jacks selling for over \$1,000 each. This year all records were again broken, when thirty-six jacks sold for an average of \$904.86, with a top of \$1,670 and thirteen jacks selling for over \$1,000 each. Eleven jack colts—yearlings and short two-year-olds—sold for an average of \$380.45. Seventeen jennets sold for an average of \$168.53. Several jennets not bred were included and cut the average. Two three-year-old mules sold for \$580, making the grand total of the sale over \$40,000. Colonels Harriman and Sparks conducted the sale and were assisted in the ring by Colonels Snyder, Burger, Harkles, Wells, Zaun, Ross and Hieronymus Bros. The day was the finest that Messrs. Monsees & Sons have had for several years and few larger crowds have ever attended their sales. Sixty jack men arrived Monday and every train to noon of sale day brought men from a distance. Following is a list of all sales:

JACKS.	
Limestone Wonder, five years, J. F. Schroeder, Mora, Mo.	\$1,670
Black Wonder, four years, R. T. Burge, Roswell, N. M.	1,300
King Harger, four years, Oscar Miller, Laomi, Ill.	1,000
Taxpayer Jumbo, five years, A. L. Papp, El Reno, Okla.	1,250
Goebel, four years, G. B. Mahan, Silver Lake, Kan.	1,305
Perfection Duke, three years, W. L. Boldston, East Lynn, Mo.	950
Star Plex Jr., six years, C. N. Hare, Enid, Okla.	900
Mammoth King, three years, E. H. Dorsey, Gillaspie, Ill.	1,350
Hebron, eight years, R. T. Burge, King Walker, four years, N. R. Powell, Petis, Texas	800
King Hurt, four years, W. D. Hearn, Fayetteville, Ark.	650
Midnight, five years, E. F. Holbert, Porterville, Calif.	620
Senator J., five years, A. R. Brown, Pearl, Ill.	925
Brooks M., three years, C. I. Smith, Franklin, Mo.	575
Silver Thorn, three years, G. L. Boynton	605
Black Crockett, four years, Ben Frey, Blackwater, Mo.	900
Great Eastern 3d, five years, Geo. Dunsing & Co., Concordia, Kan.	835
Prince Togo, two years, I. A. Arnold, Bunceton, Mo.	1,080
Captain Dewey, two years, Mike Madden, Monroe City, Mo.	615
Prince Keno, six years, F. D. Hastings, Fairfield, Neb.	600
Black Jim, three years, Geo. Dunsing & Co.	600
Black Don, three years, Joe Schlottbauer, Pilot Grove, Mo.	930
Missouri Leer, two years, Henry Cole, Vandalia, Mo.	800
Sub. for Lot 24, C. W. Bealer, Kingsley, Kan.	685
Litsey's Black Hawk Jr., five years, W. L. Snapp, Belfonte, Ark.	845
Ball Bourbon, three years, G. B. Mahon, Silver Lake, Kan.	1,305
Sampson Leon, three years, L. M. Emmerson, Bowling Green, Mo.	460
Senator Harris, four years, J. B. Van Cleve, Washington, Ark.	535
Senator Hubble, three years, L. M. Emmerson	810
General Beall, two years, G. L. Levitt, Wilson, Kan.	960
Admiral Carter, four years, E. Bowen, Lawson, Mo.	1,100
Big Mose, four years, L. M. Emmerson	1,100
Black Fox 2d, three years, H. C. Wright, Bowling Green, Mo.	1,030
Col. McClaskey, two years, Henry Demand, Lutman, Mo.	1,010
Col. Bryan Jr., two years, L. M. Emmerson	580
Gen Nelson, five years, W. A. Salmon, Clarksport, Mo.	805
YEARLINGS AND SHORT TWO-YEAR-OLDS.	
King Edelen, Mike Madden, Monroe City, Mo.	1,100
Peacock, A. E. Gilbert, River-ton, Wyo.	400
Ellamo Black Knight, H. Shumaker, Chapin, Ill.	425
Sandy, same	330
King Oscar, R. E. Gilbert	300
Defiance Jr., Louis Brown, Pisgah, Mo.	400
Young Missouri Jr., Russell Mowrey, Ionia, Mo.	400
Sidwell, B. Wilson, Greenwich, Mo.	200
Mammoth Thorn, Kelso & Von Seggern, Wisner, Neb.	405
Tom Paragon, W. J. Finley, Marshall, Mo.	230
King Reno, J. E. Moore, Higinville, Mo.	450
JENNETS.	
Pride of Limestone 2d, W. Gibson, Blackwater, Mo.	235
Bet, Alex Brown, Stone City, Kan.	235
Lady Columbus and jack colt, Julius Meltzer, Syracuse, Mo.	305
Black Bess, W. L. Snapp	275
Miss Warrior, F. M. Larimer, Olathe, Kan.	190
Miss Jumbo	90
Lady Walker, Alex Brown	255
Belle of Windsor, W. L. Snapp	335

# New Tongue Truck

## FOR DISK HARROWS AND OTHER MACHINES

No need of buying a new Harrow, Mower or Seeder to have the new tongueless implements. Your old implements can be made modern and up-to-date by buying one of our inexpensive FAMOUS TONGUE TRUCKS. Can be attached as shown in picture to any implement, old or new, and is the simplest and most practical truck made. **TAKES THE WEIGHT FROM THE HORSES' NECKS,** prevents bruises and galls. Only truck made which permits raising or lowering of tongue and hitch at the same time, thereby causing direct draft and even cut of disks. Write postal for particulars.

Crescent Furnace and Foundry Co., 600 Madison St., Des Moines, Iowa



**\$6.50**

**Free**

WRITE FOR

tion of each, and our proposition to send either style truck on ten days' approval.

Circular containing large pictures of different style trucks with full description.

Brignolia Belle, F. M. Larimer	205
Lady Salmons	45
Lady T., R. L. Harriman, Bunceton, Mo.	60
Lady Huff	40
Big Mollie, M. Lee, Beaman, Mo.	50
Bessie Grist, R. T. Burge	145
Bessie Grist 2d, F. M. Larimer	125
Bessie Grist 3d	165
Bessie Grist 5th, J. T. Leslie	110

**SUMMARY.**  
36 jacks ..... \$32,575; average.. \$905.14  
11 jack colts.... 4,185; average.. 380.45  
17 jennets ..... 2,865; average.. 168.53  
2 mules ..... 580;  
Twenty high-selling jacks sold at an average of \$1,104. Last year twenty head averaged \$1,067.

### The Hendershot Sale.

The sale of pure-bred Percheron stallions and jacks made by Mr. O. P. Hendershot, of Hebron, Neb., on March 5th, was very successful on the number sold. Although there did not seem to be buyers enough for all the offering, those that were sold went at a very satisfactory price. The top price of the sale was \$1,425, paid by Mr. R. H. Pigg, of Benkelman, Neb., for the great jack, Champion, first-prize winner at the Kentucky State Fair in 1905 and 1906. This was surely one of the greatest three-year-old jacks offered anywhere this year. Six Mammoth Kentucky jacks were sold for \$5,925, making an average of \$87.50 on the lot. The great black Percheron stallion, Bravado 34609, got by Samson 21760, sold to Messrs. Johnson & Meyers, of Bradshaw, Neb., at \$925. Mr. Frank Jameson, of Trenton, purchased a plum in Billy Burkhart at \$975. The crowd seemed eager to purchase the mares offered and four head sold at an average of \$472.50. Below is a list of the buyers:

JACKS.	
Champion by King Giant, R. H. Pigg, Benkelman, Neb.	\$1,425
Dr. Wm. Brown by King Giant, W. H. Humphrey, Imperial, Neb.	1,375
Contest Jr. by Contest, G. E. Norwood, Nelson, Neb.	825
Hindoo Jr. by Hindoo, A. J. Firkins, Ord, Neb.	705
Young Inker by King Kinker, L. H. Stiger, Fairmont, Neb.	925
John B. by the \$1,750 Parks jack, C. A. Wellman, Blue Hill, Neb.	775
STALLIONS.	
Star Beauty, O. Iverson, Bladen, Neb.	600
Bravada by Samson, Johnson & Meyers, Bradshaw, Neb.	925
Billy Burkhart by Sansonnett, Frank Jameson, Trenton, Neb.	975
Prince by Macmahon, J. Lloyd, Athol, Kan.	425
Sansonnette by Langson, F. M. Wilson, Labentun, Kan.	450
MARES.	
Girty, C. J. Johnson, Solomon Rapids,	

## What Co-operation Has Done Farmer's Friend Separator Costs You Only \$55 Delivered

WE farmers of Iowa have broken away from the creamery trust and are manufacturing and marketing our own dairy products. During the past eight months, we have forced the distribution of at least \$300,000 in extra profits to the farmers of central Iowa.

Now we are saving money in another way—on farm supplies, and our offering of the Farmer's Friend Cream Separator gives you a fair idea of the saving.

This Separator is made for our members in the best cream separator factory in the world, and we fully guarantee it to be as good as any \$90.00 Standard separator ever made.

Just think of the difference in price, \$35.—Thirty-five dollars just as good as thrown away as far as you are concerned. Thirty-five dollars—not of separator value and efficiency, but of big profits for the manufacturers. It was only by getting nearly 2,000 farmers together, (there are more of us now) that we could force this reduction.

But we have it now, and we want every farmer in this part of the country to know about it. We organized to benefit the farmer and we want to help just as many as we can. Space will not permit us to describe the "Farmer's Friend" fully here. Send for our catalog. We have selected a number of articles on which we are able to offer remarkably low prices. We save you from 20% to 50%. Write today.

FARMER'S CO-OPERATIVE PRODUCE CO., DES MOINES, IOWA.



Capacity, 450 to 500 Lbs.

## PILES, FISTULA AND OTHER RECTAL, BOWEL AND STOMACH TROUBLES ARE DANGEROUS IF NEGLECTED

IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

### ADDRESSES OF A FEW OF MY IOWA PATIENTS CURED.

G. C. Warfield, Traer, Ia.; Mrs. W. B. McCaull, Villisca, Ia.; A. E. Miller, Vinton, Ia.; Henry Smith, Morning Sun, Ia.; G. A. Wood, Humboldt, Ia.; H. F. Opfer, Waucon, Ia.; W. Smouse, Washington, Ia.; T. O. Williams, Morning Sun, Ia.; T. J. Ochiltree, P. M. Morning Sun, Ia.; Rev. Robert Carroll, Ft. Dodge, Ia.; M. A. Crawford, Clarion, Iowa. BOOKLET SENT FREE.

J. M. AULD, M. D., 80 DEARBORN ST., Dept 11, CHICAGO, ILL.

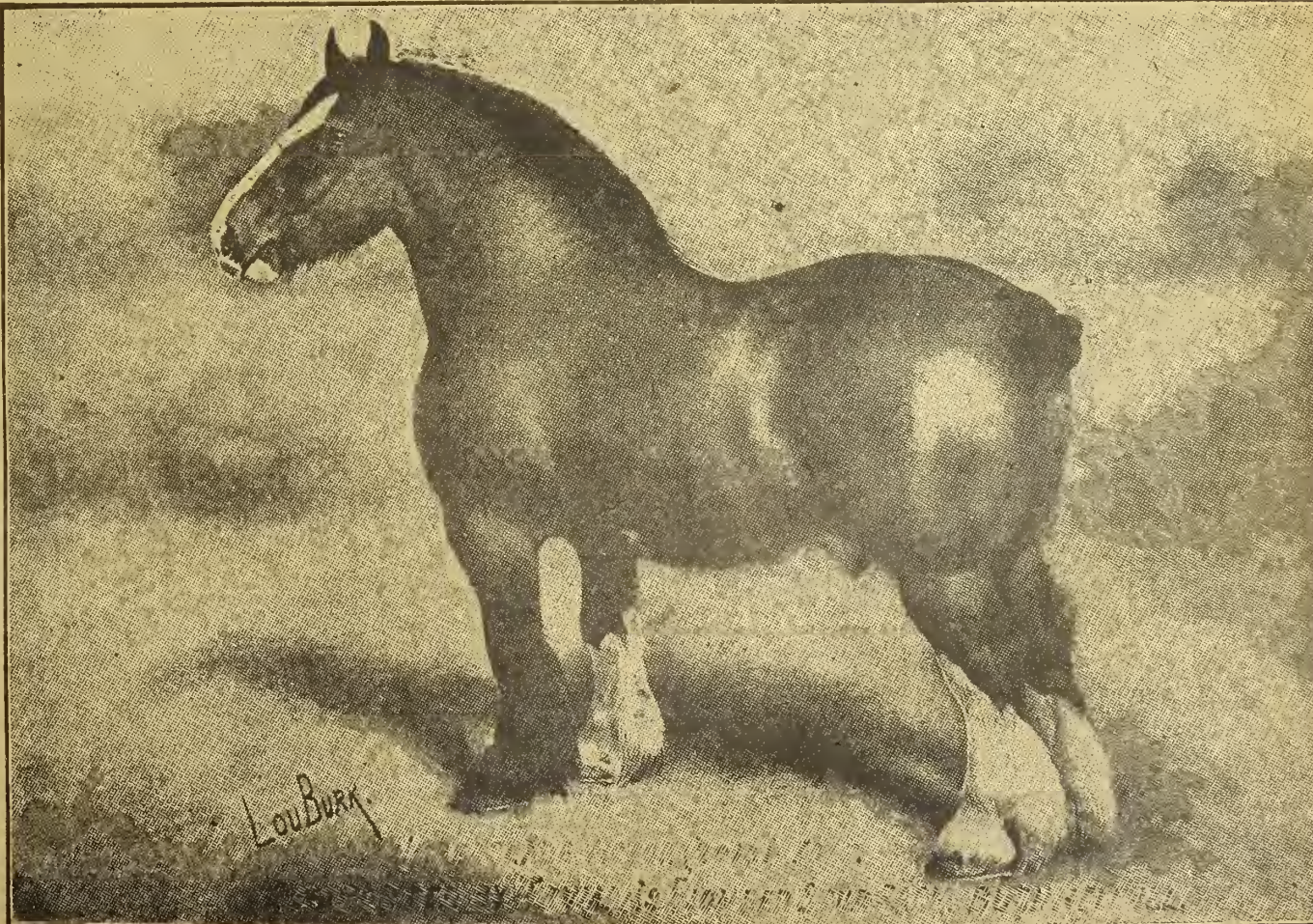
Kan.	510
Nordica by Langson, same	530
Odessa by Langson, same	530
Queen Ann by King Corderover, J. P. Anderson, Ajenda, Kan.	330

The fifteen head of farm mares and geldings averaged \$240 per head.

### DR. WILLIAMS PROVES HIS CLAIM.

On page 25 Dr. Williams makes a statement which is somewhat startling. He offers to give to any reader of this paper who is suffering with catarrh one month's treatment free. Certainly he could not afford to do

this if he was not sure that his treatment will positively cure catarrh. In order to prove to every person afflicted with catarrh in any form that his treatment will effect a cure even though other remedies have failed, he is willing to stand the expense himself for the first month's medicines. He will also send his free illustrated book, "Catarrh and Its Cures." The doctor gives each person personal attention and will make a diagnosis of your case and give an honest opinion without charge. Write him if you have not already done so. His address is 408 Flynn Bldg., Des Moines, Iowa.



Imported Shire stallion, owned by Trumans' Pioneer Stud farm, Bushnell, Ill., and Kansas City, Mo. Thirty head of such stallions as above have been selected for the forthcoming auction to be held at Kansas City, Mo., March 27th. See field notes.



## HATCH ALL Incubators Will Hatch Your Eggs

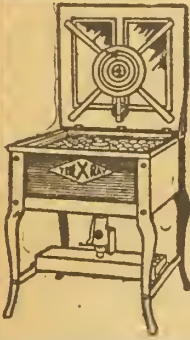
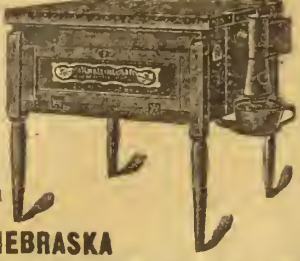
It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

### OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

HEBRON INCUBATOR CO., Box 8, HEBRON, NEBRASKA



## Save 2/3 Expense

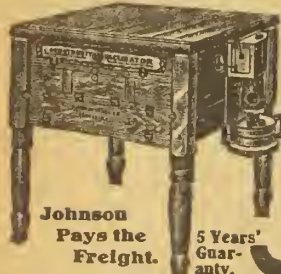
More than 2/3 saved in oil and time by using the X-Ray Incubator. One filling of lamp makes the entire hatch. Egg tray not removed during the hatch. Glass top, and thermometer in plain sight. Lamp need not be removed during the hatch. Automatic wick trimmer, chimney need not be removed. Flame is turned down automatically when hot enough. Eggs aired and turned by simply lifting the lid. The X-Ray Incubator is entirely different from other incubators. You should know about this before buying. Catalogue free.

THE X-RAY INCUBATOR CO.  
28th St., Wayne, Nebraska

## OLD TRUSTY

INCUBATORS AND BROODERS

The Easiest to Operate Because It Runs Itself.



Johnson Pays the Freight.

5 Years' Guaranty.

Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on

40, 60 AND 90 DAYS' TRIAL  
and Five Years' Guaranty.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

SEND FOR JOHNSON'S BIG BOOK

Chock-full of common-sense chicken talk and straight from the shoulder money-making suggestions. 300 illustrations. It is free. Write today sure, and get his special offer.

M. M. JOHNSON CO., CLAY CENTER, NEB.

## Racine Incubator

The great value of the Racine incubator lies in the fact that it can be operated successfully by anyone, anywhere. Automatic in every way. Big hatch- es every time. And no experience required.

Our remarkable Incubator Book tells about them. It tells facts that you need to know to buy wisely—facts you must know to get the right incubator. It is written by the man who devoted 25 years to perfecting an ideal incubator—the man who made the Racine. It tells, too, how to make poultry pay. Don't buy without reading it for the book is free. Address

Racine Hatcher Co., Box 135, Racine, Wis.

We have Warehouses at Detroit, Buffalo, Kansas City and St. Paul.



We pay the Freight.



**\$7.00** Freight Prepaid, **120 EGG**  
Buys the Best Incubator Ever Made.

\$4.50 Buys the Best 100-Chick Brooder.

Both Incubator and Brooder, if ordered together, cost but \$11.00. Double cases all over, best copper tank; hot water; self regulating; satisfaction guaranteed. Our book, "Hatching Facts," tells all about it. Mailed free. Write for it.

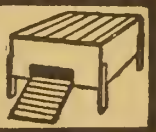
Belle City Incubator Company, Box 52, Racine, Wisconsin.



**125 Egg Incubator and Brooder** Both For

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

WISCONSIN INCUBATOR CO., Box 71, Racine, Wis.



## WRITE TO US BEFORE YOU BUY AN INCUBATOR

We Can Save You Money Only \$7.90

We buy material to the best advantage. We manufacture at least expense. Victor machines give you most for your money as our free books will show. Just say on a postal "Send Victor Book" and tell us the size machine you want and let us give you our special prices. Geo. Eitel Co., Quincy, Ill.



**Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN**

Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.



**FOR SALE.** Live deer, all ages, white swans, California quails, ferrets, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.

## \$11.75

Buys a 240 Egg Incubator. The surest and easiest hatcher made.

The Famous **IDEAL INCUBATOR**

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than 1¢? Let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guaranty and our big 128 page book "Poultry for Profit." It's free.

J. W. MILLER CO., Box 308, Freeport, Ill.



## Hatch 'Em Easily



Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is Guaranteed. Glad to send free my handsome, new, illustrated catalog. Write now to Emil Ochsenr. Box 17, Sutton, Neb.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### CHICKEN CHOLERA.

A subscriber submits the following inquiry:

I wish you would please send me a specific cure for chicken cholera. No doubt you are posted as to cures for poultry diseases. I have a valuable flock of Plymouth Rocks and I am losing them with cholera. Possibly your correspondents to the poultry department are prepared to give valuable recipes for cholera. Please answer as soon as possible.

Our correspondent takes it for granted that the trouble in this case is cholera. Since no symptoms are given, it is not possible to say whether the diagnosis is correct or not. True fowl cholera is very rare in the United States, many forms of digestive and bowel trouble being loosely and incorrectly called by that name. Remedies are of little or no use in real cholera, as the disease usually runs its course very quickly. The symptoms, as described by Dr. P. S. Woods in Reliable Poultry Farm, are as follows:

Loss of appetite, great thirst; drinks water eagerly until it cannot retain the water in the crop, and spills it whenever head is lowered. Bird has high fever, and the bulb of a thermometer placed close to the flesh under the shoulder will often register a temperature of 108 to 110 degrees. Legs hot and dry. The crop is usually distended with food which cannot pass, owing to paralysis of that organ. The bird is stupid with sleep, bunches itself into a dumpy ball of ruffled feathers with wings drooped, and avoids the rest of the flock. The comb is pale, almost white; face and wattles appear bloodless; eyes are dull and mostly closed. Flesh and strength are rapidly lost. Frequently the birds falls when trying to move, and is unable to rise. Diarrhea is always present, and is one of the chief symptoms. At first there is a slight looseness; that part of the excrement which in health is pure white, becomes yellowish or yellowish green. Copious diarrhea of glairy mucus follows, and it may be streaked and frothy. The droppings are voided frequently, and vary from deep yellow in color to mottled green and yellow. The excrement is thin and often frothy. The vent often seems raw and scalded. Convulsions frequently precede death, the bird appearing to be in great agony, often uttering sharp cries of pain.

Examination of the body after death of a fowl dying from true cholera shows full crop, discolored and inflamed intestines, liver greatly enlarged and soft, being filled with dark blood. Gall bladder distended; contents thick and dark green. Kidneys and the small tubes leading from them are usually filled with yellow or yellowish green masses. Ulcerations in and about the vent.

The chief symptoms in diagnosing cholera are: A rapidly fatal, wasting disease, accompanied by copious, yellowish green or deep blue green diarrhea. Frequent discharge of excrement. Pale face, comb and wattles. Sleepiness, which may last until death. Infection of a large part of the flock.

No attempt to treat birds sick with true cholera should be made. For the safety of the rest they should be strangled and burned. No particle of the flesh or blood of the diseased bird should be permitted where a fowl might get it and become infected. This disease is so very infectious that a case anywhere endangers the flocks for miles around. It may be transmitted by wild birds, flying from place to place. It has been known to be carried on the feet of people.

Kill the very sick birds and quarantine those slightly ailing. Give these isolated birds a few drops of creolin in their drinking water, (just enough to turn it faintly milky), or give them drinking water in which has been dissolved one-tenth of a grain tablet of corrosive sublimate to the quart of water. A good home remedy in any severe diarrhea, is to drop twenty or thirty drops of spirits of camphor on sugar and dissolve the whole in a pint of water; place this before the sick birds and allow no other drink.

It may be that our correspondent's birds have enteritis, or inflammation of the bowels. This is much more common than cholera, although it is often called by that name. For severe diarrheas and dysentery, the following pill, to be taken twice a day, is strongly recommended: Five grains powdered chalk, five of rhubarb, and three of cayenne pepper, adding half a grain of opium in severe cases.

### DISTINGUISHING MARKS OF GANDERS AND GEES.

A subscriber sends in the following query:

I would like to be informed as to the distinguishing marks of the Toulouse goose and gander. I am not able to tell them apart. Please enlighten me.

While there is a strong resemblance

*Succeed with a Successful*

**Results**

are what you want. So get the proven machine, and don't waste time and eggs experimenting. You'll not fail with

**Successful**

**INCUBATORS and BROODERS.**

Closest to nature of all machines. Guaranteed to hatch the most and strongest chicks and to bring most to maturity. Incubator and poultry catalog free. Booklet "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper 1 year, 10c.

Des Moines Incubator Co., Dept. 60, Des Moines, Ia.

**\$10**

Buys a 240 Egg Incubator

120 EGG SIZE	\$4.50
60 EGG SIZE	\$4.00
100 CHICK OUTDOOR BROODER	\$5.00
100 CHICK INDOOR BROODER	\$4.00

**DON'T PAY HIGH PRICES**

When you can get Reliance Incubators and Brooders at the above figures. No other machines hatch or raise more or stronger chicks. They are sent complete. You pay for no extras. Send for Free Catalog, containing our guarantee of satisfaction or your money back, and explaining how we can undersell all competitors. Lists everything you need to succeed with poultry, at lowest prices.

Reliance Incubator Co., Box 887, Freeport, Ill.

**BIG MONEY IN POULTRY.**

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

FRANK FOY, BOX D, - DES MOINES, IOWA.

**COME INTO THE FOLD.**

Be one of the successful poultrymen. Our people make money out of chickens. They run

**The Petaluma Incubator**

and Brooder too. Perfect regulation of heat, air and moisture. Awarded Gold Medal St. Louis and Portland Expositions. The catalogue is free. Write for it.

PETALUMA INCUBATOR CO., Box 3, Petaluma, Cal.

**AMERICAN INCUBATOR**

**SPECIAL PRICES**

240 Egg size	\$11.00
120 Egg size	\$7.50
60 Egg size	\$5.00

Brooders too low to price here. Iron bound. Personal guarantee of their superiority. All about the best Incubators, Brooders, Poultry and Poultry Supplies, with prices, in our free book. American Incubator Co., Box 112, Freeport, Illinois.

**SHOEMAKER'S BOOK ON POULTRY**

and Almanac for 1907 contains 220 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chickenhood. You need it. Price only 15c.

C. C. SHOEMAKER, Box 1216, Freeport, Ill.

**60 DAYS TRIAL**

gives you an opportunity of taking off two hatches and thoroughly trying machine. Send back if not satisfactory. Send for free illustrated catalog.

**AMERICAN BROODER CO.**  
Box 38 Racine, Wis.

between the Toulouse gander and goose, there are certain characteristics which are well defined. The head of the goose is smaller and narrower than that of the male, while the latter has a thicker neck and general masculine appearance. Perhaps the most noticeable difference is in the voice, that of the female being coarser and harsher than that of her mate.

At this time of year the goose may be seen sitting around, covering her feet as much as possible, busily engaged in picking up straws and things of that kind, evidently dreaming of nest-building, while the gander holds himself



above any such domestic considerations. Close observation and study will soon familiarize any one with the differences and peculiarities, so that there will be little trouble in determining this often vexatious question.

## POINTERS.

—Mr. J. M. Janssen, of Sibley, Iowa, offers Barred Plymouth Rock eggs for sale on page 16. He is selling fifteen eggs for \$1.25, or thirty for \$2.

—Mr. E. R. Stillson, of Montezuma, Iowa, can furnish Homestead readers with Buff Plymouth Rock eggs. His advertisement appears on page 16.

—Mrs. O. W. Thomas, of Manchester, Iowa, is offering Silver Laced Wyandotte eggs for sale at a very low price in her advertisement on page 16.

—Mrs. J. T. Cooper, of Williamsville, Ill., advertises on page 16 of The Homestead that she has White Plymouth Rock eggs and Indian Runner duck eggs for sale.

—Eggs from prize-winning Black Langshans, bred exclusively by Mr. W. W. Baskerville, of Earlville, Iowa, are offered for sale in his advertisement that appears on page 16.

—Eggs are offered for sale from high-scoring, first-premium White Wyandotte chickens, in the advertisement of Mr. Samuel Gregg, of Fremont, Neb., which appears on page 16.

—Light Brahmas are good winter layers. Mrs. W. W. Drake, of Winterset, Iowa, is offering eggs from prize winners of that variety in her advertisement that appears on page 16.

—Mrs. P. L. Carroll is offering two cockerels which score 90 for \$3 apiece or \$5 for the pair. Also Mammoth Bronze toms, score 96, weight twenty-seven pounds, at \$8. Cheaper one if you want.

—Mrs. G. R. Fuller, of Rolfe, Iowa, has eggs for sale from Single Comb Buff Orpingtons and Golden Buff Plymouth Rocks. Her advertisement quoting prices will be found on following page of this issue.

—Mr. J. A. Matern, of Newton, Iowa, can furnish Homestead readers with eggs from Single and Rose Comb Rhode Island Red, Buff Orpington and Barred Plymouth Rock chickens. His advertisement appears on page 16 of The Homestead.

—Black Langshan cockerels scoring 92 to 95½, and Rose Comb Brown Leghorn cockerels scoring from 90 to 93½ points, are offered for sale by Mr. Harry Pfander, of Clarinda, Iowa. He can also furnish you eggs from either breed. Send him an order.

—Mr. R. E. Brown, of Richland, Iowa, makes the announcement on page 16 of The Homestead that he can furnish carefully-selected eggs for hatching from his Wyckoff and Blanchard strains of Single Comb White Leghorns. Write him for prices. He will guarantee satisfaction.

—Mr. W. E. Shutt, of St. Charles, Iowa, has an advertisement on page 16 of The Homestead offering eggs for sale from his Barred Plymouth Rocks. He writes: "My range stock is mated with large, strong cocks and cockerels. The cocks that head my cockerel mating pen score 90½. None of my pullets score less than 90. I am sure that buyers will be repaid in ordering eggs

from me, both in good hatches and the stock produced."

—Mr. George Boncwell, of Grinnell, Iowa, in sending copy for new advertisement that appears on page 16, writes that all his Barred Plymouth Rock cockerels are sold and that he has been compelled to return a good many orders that he could not fill. He is now offering Barred Plymouth Rock eggs for sale.

—Mr. R. E. Brown, of Richland, Iowa, makes the announcement on page 16 of The Homestead that he still has for sale a few yearling cocks and cockerels of the Single Comb Brown Leghorn breed. Mr. Brown will also be able to supply eggs for hatching from the famous Wyckoff and Blanchard strains of this variety of fowl and we would advise those of our readers in need of same to write him.

—Mr. J. A. Penn, of Alta, Iowa, whose card appears on page 16, writes that his sales have been good, nearly every inquirer being a buyer. He still has a score of strong, vigorous birds left and wishes to advise buyers that they are large, heavy birds scoring from 87 to 91½. A representative of The Homestead has seen the flock and can recommend anyone wanting good, vigorous cockerels to this advertiser.

—The Wayside Farm, of Mt. Vernon, Iowa, are offering Silver Laced Wyandotte eggs for sale in their advertisement that appears on page 16. They also have Buff turkey eggs for sale. In furnishing copy they write: "We have the finest lot of Silver Laced Wyandottes we ever owned and a great bunch of Buff turkeys. Our trade last year was good and we have the birds to make this year's trade better."

—The Barred Plymouth Rock eggs offered by Mrs. E. W. T. Peterson, of Montezuma, Iowa, to Homestead readers, in his advertisement on page 16, are from a choice flock of hens mated with cockerels scoring from 89½ to 91 points. They were scored at the Deep River and Montezuma Poultry shows by Judges J. L. Todd and F. H. Shellenberger. The prices at which eggs can be obtained are named in the advertisement which appears on page 16.

—Mrs. S. E. Newell, of Audubon, Iowa, breeder of Black and White Langshan and Light Brahma chickens and Mammoth Bronze turkeys, in furnishing advertisement appearing on page 16 of The Homestead, writes: "I have had good sales from my advertisement in The Homestead. I have sold all my Mammoth Bronze pullets, but have one fine, large tom for sale yet. I also have a few Black and White Langshan cockerels and pullets and a few Light Brahmas. I will make a low price to close out at once."

—Mr. W. R. Warwick, of Montezuma, Iowa, advertises some very choice Barred Plymouth Rocks on this page, and of the Hawkins, Thompson and Bradley Bros. strains. These birds now being offered are of high-scoring stock and have proven strong egg producers. Mr. Warwick is one of those who has been winning premiums at the Montezuma Poultry Show which holds in December. The flock is in prime condition and anyone wanting eggs or poultry would do well to deal with this fancier. Toulouse geese eggs in limited number are also being offered.

—We desire to call the attention of Homestead readers to the announcement made on page 16 by Mr. Reuben E. Saunders, proprietor of the Full Moon Poultry Farm, of Montezuma, Iowa. Mr. Saunders has made a specialty of Barred Plymouth Rocks for a number of years and has lately added to his yards a cockerel from the pens of Mr. E. B. Thompson, one of the noted breeders of this variety of fowl. Mr. Saunders' flock is made up of line-bred birds from the Hawkins, Felch and Thompson strains, his pens being headed by high-scoring, exhibition cockerels. He makes a guarantee that every male bird used in 1904 and for the past ten years has been bought direct from either Mr. A. C. Hawkins or Mr. E. B. Thompson's Madison Square Garden prize-winning pen, or from Mr. I. K. Felch's reserve pens. He mates them according to Standard rules and will guarantee a good hatch. Write him for his free catalog.

## WHAT ARE SQUABS?

A great many people living on small farms and engaged in different branches of poultry business find it very profitable to raise squabs for market. The squab is one of the most rapid-growing birds included in the list of marketable poultry. Returns are quick and there is generally a good market for this fowl. It requires but a small investment to start. A mated pair, guaranteed to be breeders, can now be secured at a special price by writing to the Bay State Squab Company, Wakefield, Mass. See page 16 and kindly mention this paper when writing.

## IOWANA POULTRY FARM.

The Homestead wishes to call the attention of those of its readers who are interested in poultry to the advertisement of Mr. J. W. Radebaugh, of Indianola, Iowa, which appears on page 16. Mr. Radebaugh had the satisfaction of receiving sixteen firsts and eleven seconds in two shows during 1906. His Iowana Poultry Farm made him famous in all parts of the country by the many famous birds which it raises. He specializes in Barred Rocks, White Rocks, S. L. Wyandottes and Single Comb Rhode Island Reds. He will be very glad to send you his complete catalog and prices if you write him at once and mention The Homestead.

## RIGHT PRICES ON INCUBATORS.

Poultry raisers have no occasion any longer to complain of exorbitant prices charged for incubators and brooders when such a reliable machine as the Belle City Incubator is selling for \$7 and the Belle City Brooder for \$4.50. These Belle City machines are made on approved plans of the hot water type, and are justly regarded as among the very best machines made by the very large number of poultry people who believe that hot water carries with it the true method of heating for incubating and brooding chicks. The regular price of these two machines is \$22, almost a 50 per cent cut. The offer is a limited one as to time. It may not appear in The Homestead again. A dollar saved is a dollar earned. It would certainly seem that right now is a good time to buy. The Belle City machines are manufactured by The Belle City Incubator

"The Recollection of Quality Remains Long After the Price is Forgotten."

Trade Mark Registered

KEEN  
KUTTER

## Tools for Hard Work

Hold a Keen Kutter Saw in working position, and see how it fits the hand. Look along the blade—see how thin—how perfectly it is ground and hammered. Bend it so point touches handle, and it will spring back straight and true. Strike it and hear it ring. Try it on a difficult cut—it will work fast and clean. This is but one of the famous

KEEN KUTTER

## Quality Tools

Try every known test on any Keen Kutter Tool—Saw, Chisel, Bit, Axe, Hammer, Plane, and they will prove themselves true. Try the temper, quality, and hang of the Keen Kutter Forks, Hoes, Shovels, Trowels, Rakes, Manure-hooks, or other Farm and Garden Tools, and they show themselves to be the best. If not at your dealer's write us.

Tool Book Free.

SIMMONS HARDWARE COMPANY,  
St. Louis and New York, U. S. A.

Company, Racine, Wis. This company's book, "Hatching Facts," gives full particulars and is gladly mailed free to anyone writing for it. See advertisement on page 14.

## CHOICE PLYMOUTH ROCK EGGS.

On page 16 will be found the Plymouth Rock egg advertisement of Mrs. L. C. Reece, of Prescott, Iowa. She is offering eggs for sale from pen headed by a 92-point cockerel and out of high-scoring females. She is pricing these at \$1.50 for fifteen, \$2.50 for thirty, \$3.50 per fifty, and \$6 per 100. Mrs. Reece has been breeding Plymouth Rocks for fourteen years and has a good strain. The 92-point bird is of the famous Bradley strain and he is a good one. The hens that she is using are the select of 200. Mrs. Reece showed at the Villisca show where she was awarded some of the best premiums. We can recommend her as one of the good Plymouth Rock breeders and she will treat you right if you send her an order. All orders are neatly packed in cases that will secure their safe delivery. Send Mrs. Reece your order and mention The Homestead.

## BLACK LANGSHAN COCKERELS FOR SALE.

One of the best breeders of Black Langshan fowls in the state of Iowa is Mrs. J. H. Allen, of New Sharon. She has recently had her birds scored that are now offered for sale and the score ranges from 91 to 95 points, scored by Mr. J. L. Todd, of Atlantic, Iowa. There are thirty of these birds, fine, lusty fellows with splendid conformation and plumage. They are of good weights, as will be seen by the following range: Eight to ten pounds each, including a number of late-hatched birds. These birds should be moved at once and doubtless will at the modest prices asked for them. After March 20th Mrs. Allen will be in position to receive orders for Black Langshan eggs for hatching purposes. She sells these at \$1.50 per fifteen. Mrs. Allen's best customers this year are those person to whom she has sold birds or eggs in years gone by. The writer has seen some testimonials from her old customers, which are certainly the most flattering of any testimonials letters we have yet seen. Her announcement appears in The Homestead throughout the poultry season.

## TRUTH IN INCUBATOR ADVERTISING.

Poultry raisers will do well not to take too seriously all the claims made in incubator advertisements. Such statements as "it gives absolutely perfect results," "needs no attention whatever," "always gives 100 per cent hatches," etc., are hardly warranted in any case. The poultry business is like any other legitimate calling. Conducted rightly it yields profitable returns. But it requires some time and attention and only reasonable things must be expected. The Racine Hatcher Company, of Racine, Wis., have the good fortune to have a thorough poultryman who observes and experiments and improves and has been doing these things month after month for upwards of twenty-five years. His work has served a great purpose. All his efforts and his discoveries have gone into the favored Racine incubator. This man has written an incubator book not given to exaggeration. It deals with actual experiences, from his first incubator made in 1881 down to the present. It gives all the facts any poultryman cares to know. It deals with all machines and gives facts instead of theories. It is an excellent book to get the truth from without undue coloring. A copy may be had free by writing the Racine Hatcher Company at the address as given in their advertisement on page 14.

## Finley's Jack, Jennet and Stallion Sale Draws Good Crowd.

The sale of jacks, jennets and stallions held by Mr. W. J. Finley, of Marshall, Mo., on March 2d, was well attended by buyers from Missouri, with a few from adjoining states. The top of the sale, Lot 1, Major Randolph Jr., went to Mr. J. A. Ringer, of Davenport, Neb.,

## Why So Sure? FINE POULTRY

It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.

## The Successful

is the nearest of all the out and out automatic machines, both Incubator and Brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls. Incubator and Poultry Catalog FREE. Booklet "Proper Care and Feeding Small Chicks, Ducks & Turkeys," 10c. 50c poultry paper 1 year, 10c. Des Moines Incubator Co. Des Moines, Ia.

WANTED—Men to do ditching. Must be able to furnish good reference and sober. Please state prices wanted on different depth ditch. C. H. Drake, Hazleton, Iowa.

at \$800. Eighteen jacks averaged \$454.72. Some good bargains were bought, but on the whole Mr. Finley is well pleased with this his first sale. The jennets sold well, the top being \$500, paid by Mr. A. C. Potter, of Marshall, Mo., for Miss Bourbon, with jack colt at foot. The stallions sold readily and at fair prices. Colonels Harriman and Sparks conducted the sale. Following is a list of all sales:

JACKS.	
Major Randolph Jr., J. A. Ringer, Davenport, Neb.	\$800
McElroy, Walter Petty, Sedalia, Mo.	690
J. W. Jordan, C. W. Schooley, Malta Bend, Mo.	555
Al Vogel, Lovercamp & Everett, Alma, Mo.	400
Charley Ruff, same	555
John Green, A. E. Rice, Hughesville, Mo.	530
Major Superior Jr., Brown & Co., Fairville, Mo.	655
Gomez, J. E. Warren, Higginsville, Mo.	350
Jumbo Jr., Lovercamp & Everett	400
Zay Dock Finley, J. D. Van Cleave, Malta Bend, Mo.	700
Hycenon Jr., Brown & Co.	300
Hobson, W. N. Pomer, Pleasant Hill, Mo.	400
Kruger, Huckstepp & Parsons, Eolia, Mo.	330
Brown Don, J. E. Warren, Higginsville, Mo.	310
Dick Thorp, Ben Frag, Blackwater, Mo.	475
Kentucky Lew Jr., Huckstepp & Parsons	485
Finley's Black Sampson, W. A. Davis, Noplin, Mo.	120
John Walker, W. N. Pomer	130
JENNETS.	
Janet Puckett, Bud Davis, Naomi, Mo.	150
Miss Bourbon, A. C. Potter, Marshall, Mo.	500
Lady Goggins, Walter Petty, Sedalia, Mo.	175
Lady Saline, H. B. Logan, Osceola, Mo.	30
Lady Block, same	50
STALLIONS.	
Benzil, Brown & Co., Fairville, Mo.	300
Senator Anderson, Charles Lewis, Salisbury, Mo.	350
Lord Wilton Jr., A. L. Fawley, Tipton, Mo.	170
Pretender, Jess Neers, Blackwater, Mo.	200
Moulton Tom, Steve Keyhart, Marshall, Mo.	300
Dick Jr., Henry Lacy, Marshall, Mo.	155
Lot 43, Chas. Baldwin, Wanamaker, Mo.	210
Lot 44, C. E. Grimes, Slater, Mo.	350
Lot 45, J. E. Warren, Higginsville, Mo.	245
Lot 46, Brown & Co., Fairville, Mo.	305
SUMMARY.	
18 jacks	\$8,185; average \$454.72
5 jennets	905; average 181.00
10 stallions	2,585; average 258.50



## Free Them From Lice

Instant Louse Killer is sold on a positive written guarantee to destroy lice on poultry, stock of all kinds and ticks on sheep, formulated by Dr. Hess, (M. D., D. V. S.)

For destroying lice on calves and colts, nothing equals Instant Louse Killer. For sheep ticks it is most effective, doing away with the muss and annoyance of a "dip."

## Instant Louse Killer

is the original powder louse killer put up in round cans with perforated top. Be sure of the word "Instant" on the can—there are over 25 imitations.

1 lb. 25c Except in Canada and Extreme West and South.  
3 lbs. 60c

If your dealer cannot supply you, we will forward 1 lb. by mail or express, prepaid, for 35 cents.

Manufactured by  
**DR. HESS & CLARK,**  
Ashland, Ohio



## POULTRY.

**RAISE SQUABS**

OUR birds breed selected stock—properly mated for quick breeding. You are sure of a handsome profit at small expense. There's always a market. No trouble whatever. We guarantee the actual mating of each pair and hand each pair. Special price to May 1st, \$1.75 per pair. Remember guaranteed mated birds are the kind to buy. Send for booklet containing full instructions how to raise squabs profitably.

**Bay State Squab Co.,**  
Wakefield, Mass.

Box D,

## HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks. 1st premium won wherever shown. Yards headed by high scoring exhibition cockerels. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and 1. K. Felch's reserved pens, and sell 18 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$11.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. I mate them by standard rules. A good hatch guaranteed. I am an expert copulator. Catalog free.

REUBEN E. SANDERS, PROP.

FULL MOON POULTRY FARM - MONTEZUMA, IA.

## SIXTEEN FIRSTS AND ELEVEN SECONDS

In Two Shows in 1906 by the  
**IOWA POULTRY FARM.**  
Barred Rocks White Rocks  
S. L. Wyandottes S. C. R. I. Reds  
Stock For Sale. Farm Raised.  
EGGS, \$1.00 PER 13.

J. W. RADEBAUGH, INDIANOLA, IOWA

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. WARWICK, MONTEZUMA, IOWA

## S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyckoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. R. E. Brown, Richland, Iowa.

## H. C. CLYMER, BERTRAM, IOWA,

STILL has some very fine Bronze turkey toms and 50 good yearling Barred Plymouth Rock hens that he will sell cheap if taken soon. Barred P. Rock eggs, \$2.00 for 15. Write.

## Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Heese, Prescott, Iowa.

EGGS for hatching. B. P. Rocks, choice flock of hens headed by cks. scoring 89½ to 91 at Deep River and Montezuma Poultry shows, scored by J. L. Todd and F. H. Shellabarger. Pen 1, 15 eggs \$2; pen 2, 15 \$1.50; pen 3, 15 \$1. Eggs packed with care. Satisfaction guaranteed. E. W. T. Peterson, R. 2, Montezuma, Ia.

EGGS from thoroughbred Buff Orpingtons, R. I. Reds, B. and W. Rocks, B. and W. Leghorns, Wyandottes, ducks and geese. 10 chicks guaranteed. Cat. free. Hampton Poultry Co., B3105, Hampton, Ia.

THE THREE BEST and the best of the three. Single and Rose Comb Rhode Island Reds, Buff Orpingtons and Barred Plymouth Rocks. Eggs \$1.50 per sitting. J. A. Mattern, Newton, Iowa.

BUFF Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. H. Stilson, Montezuma, Iowa.

TWO pens standard mated Barred Plymouths, cockerel and pullet, eggs \$1.00 per 15. Incubator lots from range flock 100, \$3.75; 2 sittings, \$1.00. W. E. Shutt, St. Charles, Iowa.

## LIGHT BRAHMA EGGS.

FROM prize winners, good winter layers and heavy birds for market. Eggs 15 for \$1. Mrs. W. W. Drake, Winterset, Iowa.

**SILVER LACED WYANDOTTE**  
EGGS \$1.00 for 15, Buff turkeys \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

**Rose Comb Brown Leghorn** eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

EGGS from pure bred B. P. Rocks for hatching. Also a few fine unscored B. P. cockerels. Prices right. Mrs. R. Van Der Wert, Route 2, Lacey, Iowa.

PURE bred black and white Langshans, Lt. Brahmas and M. B. turkeys, stock and eggs, prices right. Mrs. S. E. Newell, Route 6, Audubon, Iowa.

PRIZE-WINNING Black Langshans exclusively, scoring to 94 at Dubuque, 1907. Eggs, 13 for \$5; 25 for \$1.50. W. Baskerville, Earlville, Iowa.

MRS. JNO. T. COOPER, Williamsville, Illinois, fancier of White Rock chickens, Indian Runner ducks. Eggs for sale. Fertility guaranteed.

WHITE P. I. cks. scoring 90 or more. Score card goes with each bird. Price \$5 up. Eggs \$1.50, \$2.50 and \$3.50 per 15. S. S. Puckett, Lynchburg, Ohio.

EGGS for hatching. S. C. Buff Orpingtons, \$1.50 per 15; Golden Buff turkeys, \$1.00 per 15; \$5.00 per 100. Mrs. G. R. Fuller, Route 4, Rolfe, Iowa.

LYNN'S White Wyandottes score 96½. Duston bred, cockerels \$1.00 and \$2.00 each, if taken at once. Lynndale Farm, Grundy Center, Iowa.

BRONZE turkeys and Barred Rock cks. yet for sale. Eggs from our own birds only, order now. Grant Gallaher, Spencer, Iowa.

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**SILVER LACED WYANDOTTES.**  
EGGS 60 for 15. Mrs. O. W. Thomas, Route 2, Manchester, Iowa.

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—EGGS FOR HATCHING—

Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Bluglet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

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If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

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MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

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SIX cockerels scoring from 90 to 91½ at \$3.00 each. Three doz. pullets that will score from 90 to 92 points, \$1.00 each or six for \$5.00; \$10.00 per dozen.

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to get choice M. B. turkeys, sired by son of Kansas Traveler, White Wyandotte cks. and Barred Plymouth Rock pullets. All stock first class. Prices right. Eggs in season. Also one 220 egg Cyphers' incubator and brooder in first class condition. W. J. Smith, Campbell, Iowa.

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EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94, 15 eggs \$2.00, 25 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

BARRED Plymouth Rock cockerels, large size and extra heavy bone, with that deep and clear blue barring, not brassy. Sired by cockerels scoring 91 to 92½ points, weighing from 10 to 12 pounds; from hens and pullets weighing from 7½ to 11 pounds. Price \$1 to \$3. Write your wants to M. A. Easthouse, Hartley, Iowa.

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WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

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SINGLE Comb Brown Leghorns, Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

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A FEW more White Plymouth Rock hens, pul





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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of neighbors. Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### LAMENESS.

I have a black mare twelve years old that sprained her foot in the coffin joint five months ago and she limps as badly now as she did at first. There are no swellings about the foot or ankle. I have used several different liniments and bathed from the ankle down, but it has done no good. Is there any cure for her? If so, what is it?

We are of course quite unable to say whether your diagnosis of the seat of the trouble is correct, but if you are right then we would advise you to clip off the hair and blister coronet thoroughly twice in six weeks by rubbing in a mixture of one dram of biniodid of mercury and two ounces of cerate of cantharides. Rub the blister in for fifteen minutes; tie her up short so she cannot bite part; wash blister off in forty-eight hours, then apply iard daily for a week. Turn her loose in box stall a week after each application of blister.

#### WEAK COLT.

I have a gray yearling colt that seems to be weak in his back, or all of his joints. At his play he will fall, wind and twist. He looks well and eats heartily. He has been this way for two months. I fed him stock food and at first he passed lots of worms, but now I never see any. His kidneys are not right. I should like to know what to do for him.

We take it that the colt is afflicted with either osteo-porosis (big head) or with locomotor ataxia, both of which is practically incurable. Allow colt to run out doors and feed generously on oats, bran, carrots and best of hay with addition of a little corn in cold weather. Allow free access to a box containing a mixture of four parts barrel salt, two parts flowers of sulphur, one part ground gentian root and half part each of dried sulphate of iron and powdered nuxvomica.

#### LAMENESS.

I have a mare seventeen years old that is lame in her left front foot. She commenced going lame one year ago and began by stumbling. Now she is lame all the time and it seems to give her a good deal of pain. She rests her foot ahead. She seems to be shrunken at both sides of her breast bone. She had thrush on the other leg and we doctored for it. She has a puncture on her knee, which is bony. She eats well, but does not keep up in flesh.

Have mare shod with a bar shoe (flat) put on after covering the sole with a dressing of pine tar and oakum and then with a strong leather pad. Horn of discolored portion of sole first should be slightly pared down. After shoeing clip hair from hoof-head and blister the hoof-head with a mixture of one dram of biniodid of mercury in two ounces of cerate of cantharides, rubbing it in for fifteen minutes; washing it off in forty-eight hours and then applying iard daily until skin is well again. Repeat the blistering once a month until lameness subsides. The dressing and shoe also are to be replaced once a month.

#### LAME COW AND HORSE.

(1) I have a black cow twelve years old which is very poor and bony. I always keep her in the stable, for she can hardly get up without the aid of the rope with which she is tied. She has a good appetite and gives nearly twelve quarts of milk per day. She is lame in her right hind leg and it makes a cracking sort of sound when she moves. It was some time in July when she got lame, and in August, when she came in, it seemed to be worse. I kept her in a pasture near the barn part of the day, but I soon noticed she would rather stay in the stable. What do you think all her? (2) I also have a gray mare ten years old weighing 1,800 pounds, that got lame in her left front leg while plowing last fall. I always used her in the furrow when plowing with three horses in the sulky plow. It seems to be the shoulder, as I had the blacksmith look after her shoe several times, but he could not locate anything. I used liniment on her shoulder quite a while ago, and it seemed to improve a little. I gave her about six weeks rest and then started to use her again, and now it gets no worse and no better. What treatment would you advise?

(1) Lose no time in having this cow tested with tuberculin, as tuberculosis well may be the cause of her ailments and you would not care to use her milk or have her around if that disease is present. (2) As you will have to call in a veterinarian to make the tuberculin test, unless you or some neighbor have the instruments and experience, the doctor should be employed at same time to examine the mare and if he finds the lameness located in the shoulder he will

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No Use Walking When You Can Buy a

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Plowing is about the easiest work on the farm, but how many successful Farmers to-day use *Walking* plows? You don't—do you? No; horses are too cheap and life too short to wear your legs out following a plow all day.

You ride when you plow; you ride when you plant; you ride when you cultivate.

Well, then, why don't you ride when you harrow?

Is there any reason on earth why you should continue to make this work the hardest kind of drudgery by *walking* over plowed ground?

Or riding one of those crude carts that twist and turn and jerk you about until you wish you had walked?

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The new Rock Island Two-Wheel Cart has changed all that.

It offers you a pleasure you never enjoyed before—a ride behind a drag harrow that is just as comfortable as a ride on your Sulky or Gang Plow or your Cultivator.

LOOK at the man in the picture above. He's riding a Rock Island Cart, and he doesn't look a bit more comfortable and easy than he feels.

The feature that adds most to his comfort is the fact that he always faces the horses, no matter which way the wheels may be angled. Think what that means!

The swinging back and forth of the axle doesn't affect the driver a bit.

This is why: The platform for the seat is made of two circular plates, lower plate being bolted solidly to the axle.

Seat and foot-rest are both fastened to the upper plate which can turn on the lower plate.

An automatic locking device, similar to that used on the rear wheel of a Sulky Plow, holds the parts in position while the cart is being drawn straight ahead.

But permits the wheels to angle either way while making a turn, or when either of them strikes an obstruction, without disturbing the driver in the least.

This feature is exclusive with the Rock Island Cart. No other harrow cart has it.

### AN IMPORTANT IMPROVEMENT

One serious trouble with two-wheel carts is that in striking an obstruction which throws one wheel behind the other, the wheels do not quickly return to their correct position, but frequently slide along for quite a distance. This is why nothing of this kind can possibly happen with the Rock Island Cart:

The draw-bars are crossed and pivoted at the axle. While the axle can swing freely when one wheel of the cart strikes an obstruction, or when making a short turn, the axle and wheels are always perfectly controlled by the draw-bars in the same manner as the front wheels of a wagon are controlled by the tongue.

### SAVES YOU HIRED HELP

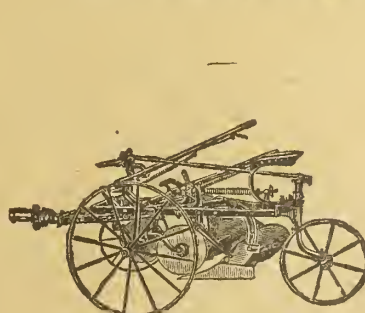
A boy at \$8.00 or \$10.00 a month with a Rock Island Two Wheel Cart will do as much harrowing as a man at \$25.00 or \$30.00 will do without the cart. You, therefore, actually save the price of this useful implement two or three times over in a single month.

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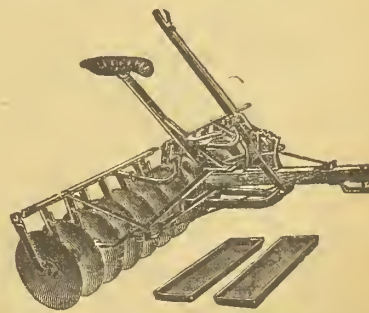
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## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

### WITH THE EDITOR.

There has been for some time past, a growing opposition to the continued abolition of the army canteen. This opposition has found expression in no less than five bills now in congressional committee for its restoration.

When reformers have attained the thing desired they rest on their oars, so to speak. That is the opportunity of their opponents. Largely through the efforts of the W. C. T. U., the canteen was driven out of army posts; since then temperance and religious people have laid off their armor. This according to Dr. Burrell, writing in the National Advocate, is bad policy, one likely to result in disaster. Dr. Burrell claims that a well organized "still hunt" for the restoration of the canteen is under way, and that the secular papers with few exceptions are lending it their influence. In support of this statement he draws attention to the fact that the secular papers contain numerous articles, sometimes in editorial form, bearing upon the army canteen and that these articles abounding in mis-statements and perversions of the facts in the case are all on one side. A paragraph or two from Dr. Burrell's article provides food for thought for those who believe that the return of the army canteen would be a national misfortune:

For example, these papers say, quoting from Congressman Morrell, that "there is an increase of drunkenness, disease, insubordination, desertion, moral and physical degeneration in the army since the closing of the canteen" and "90 per cent of those in command of posts have expressed a positive opinion that the anti-canteen law has increased trials by court martial 95 per cent." This is not only not true, but it is immeasurably wide of the truth. The official figures of the war department show that in 1900 there were 1,645 courtmartial for drunkenness, and in 1906 (with canteen closed), 504. Does that look like a "95 per cent increase?" But get the newspapers to print that if you can!

And they say that practically all officers as well as soldiers favor the sale of liquor. How about Generals Miles, Shafter, Wheeler, Daggett, Henry, Boynton, Wilcox, and Stanley? How about Colonels Durbin, Gunder, and Gless? How about Surgeon-General Sternberg and Surgeon Genella, with others of like character? But you will watch the papers in vain to see their side of it.

But back of all others engaged in this campaign of the canteen stands the organized and mobilized army of brewers and distillers. It is these who command the "still hunt." It is these who control the literary bureau from which emanate the false and distorted pleas for the army dram-shop. There is, moreover, a tremendous subsidizing power in the advertising contracts of the secular press; and there are millions of money to enforce it. Prior to the exclusion of beer from the post stations the sale of liquor to soldiers amounted to three and a quarter millions of dollars in a period of two years! Is it to be expected that the brewers and distillers will quietly submit to such a loss?

It should never be expected by sensible people that anyone will quietly submit to the loss of large sums of money. And everyone knows that brewers and distillers are not likely to see their business interfered with without making strenuous efforts to protect it. That there is some connection between their desire to protect their business and the attitude of the secular press is not at all unlikely. Liquor advertisements form no small part of the income of the average newspaper.

Temperance people seem to be rousing themselves to the possibility of trouble, for not only Dr. Burrell, but Mrs. L. M. N. Stevens, president of the W. C. T. U., has been writing on the working of the bill which abolished the army can-

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teen. In a recent issue of the Union Signal, Mrs. Stevens says:

The often-repeated statement that low dives and drinking places develop in the vicinity of military posts because of the abolishment of liquor selling in the canteen is disproved on authority of such men as Colonel Ray, of Kentucky; Major Nave, of California; General Daggett, of Pennsylvania. The reports of those who stand at the head of the several bureaus connected with the war department do not contain any evidence to indicate that the present law produces bad results. In support of this I quote from a correspondent to the Philadelphia Public Ledger of recent date, who says: "A few days ago the last annual report of Gen. George B. Davis, judge-advocate general of the United States army, was issued. It states that the trials by courtmartial for drunkenness and other offenses were 204 less than in the previous year. This report and those preceding it since the regimental liquor saloons, commonly called canteens, were abolished, utterly refute the statement so frequently made that the discontinuance of these saloons has resulted in much demoralization in the army."

### HOME AND HOMEMAKING.

#### LITTLE HELPS BY THE WAY.

Never trifle with one sin. It is like a little cloud which, as a poet has said, may hold a hurricane in its grasp. The next sin you commit may have a mighty effect in the brightening of your life. You do not know the streams that may flow from that fountain; for sin is a fountain—not a mere act, but a fountain of evil.—Andrew A. Bonar.

The worst effect of sin is within, and is manifest not in poverty and bodily deformity, but in the disordered faculties, the un-

worthy love, the low ideal, the brutalized and enslaved spirit.—Edwin H. Chapin.

#### TWO KINDS OF PEOPLE.

There are two kinds of people on earth today. Just two kinds of people, no more, I say. Not the sinner and saint, for 'tis well understood The good are half bad and the bad are half good. Not the rich and the poor, for to count a man's wealth You must first know the state of his conscience and health. Not the humble and proud, for in life's little span Who puts on vain airs is not counted a man. Not the happy and sad, for the swift flying years Bring each man his laughter and each man his tears. No; the two kinds of people on earth I mean, Are the people who lift, and the people who lean. Wherever you go, you will find the world's masses Are always divided in just these two classes. And oddly enough, you will find, too, I ween, There is only one lifter to twenty who lean. In which class are you? Are you easing the load Of overtaxed lifters who toll down the road? Or are you a leaner, who lets others bear Your portion of labor and worry and care? —Ella Wheeler Wilcox.

#### THOUGHTS FOR MOTHERS OF DAUGHTERS.

Every mother should insist on her daughter's learning something about housekeeping. The late Queen Victoria, of England, had every one of her daughters take a thorough, practical course in all domestic branches. The young princesses were taught to sew,



to cook, to distinguish between the different cuts of meat. Had they married poor men they would have known how to go into the kitchen and cook.

Every woman is queen over her own little kingdom. She can make that kingdom a haven of comfort and happiness or she can make it a miserable failure.

The more she knows about housekeeping the easier it will be to make her kingdom a happy one.—Beatrice Fairfax in Los Angeles Examiner.

**A GOOD HUSBAND, SEE?**

He—Mother seems to think you'll make me a good wife.

She—Oh, does she? Well, you tell her I'm going to make you a good husband. See?

**HOW TO EAT.**

Here are Horace Fletcher's rules for eating, which are given to all patients of the Harvard Dental School Dispensary:

1. Eat only in response to an actual appetite, which will be satisfied with plain bread and butter.
2. Chew all solid food until it is liquid and practically swallows itself.
3. Sip and taste all liquids that have taste, such as soup and lemonade. Water has no taste and can be swallowed immediately.
4. Never take food while angry or worried, and only when calm. Waiting for the mood in connection with the appetite is a speedy cure for both anger and worry.
5. Remember and practice these four rules and your teeth and health will be fine.

**WRINKLES FOR THE COOK.**

Crackers in damp weather often become soft and crumbly. To restore their crispness, put them in a hot oven for a few minutes.

For quick baking with a small fire the sheet-iron oven such as is used for gasoline stoves is very convenient set over the two hottest griddles of the range.

A nice sauce for lima beans, either dried or fresh, is made by taking a quarter of a cup of the beans when cooked and mashing them smooth in the cup; then add butter and one-third of a cup of cream, or milk, or the water the beans were boiled in. Pour all the water off the boiling beans and immediately add this sauce. Stir, and let boil up, then serve.

Sometimes yolks of eggs are left over when

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making a dish which calls for only whites; drop them gently in a bowl of cold water if you do not need them immediately. They will not spoil if they stand for several days. Handle them carefully so they will not break.

Melt three tablespoons butter, add three tablespoons flour mixed with one teaspoon of curry powder and half a teaspoon of salt. Pour on gradually two cups of scalded milk. The amount of curry used in this recipe will not be objected to by most persons unless the flavor is very distasteful to them.

Take two cupfuls of finely-minced ham or, better, one cupful of ham and one of veal; mix well with one-fourth cupful of bread crumbs; add two tablespoonfuls of stock, and season with one teaspoonful of salt and one-fourth teaspoonful of pepper; add the yolk of two eggs; make into small balls; cover with egg and bread crumbs and fry.

Have ready six squares of hot, buttered toast and four hard-boiled eggs; separate whites and yolks; chop the whites fine and rub the yolks through a sieve; make a cupful of white sauce; add the whites and boil up well; heap on squares of toast and fill the centers with the yolks.

A pie not like that his mother used to

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make, and perhaps to his way of thinking, an improvement, is built as follows: Line the pie plate with the best crust you can make and fill with pared apples cut in eighths; sweeten well and dredge with cinnamon and flour; pour over all one-half cupful of rich cream or the same amount of made custard.

## CARE OF FLATIRON.

Many people have been annoyed at finding their irons quite rusty after they have been put away a few days. The way to prevent this happening is before you put them away to rub a little warm grease over them, and then wrap them in brown paper. When you take them out to use, dip them into hot water that has had a small piece of soda dissolved in it, rub dry and then put them to heat in the usual way. When they are ready to be used on the ironing board, have a piece of brown paper with a little powdered bath-brick on it and rub the surface of your iron with this. It seems rather a lengthy process, but it really does not take long to do, and housewives will be rewarded for the trouble they have taken by finding the irons delightfully smooth and easy to use and when they are like this the ironing can be done twice as quickly.

## AMONG OURSELVES.

As the discussion regarding disparity of age in marriage has been running long enough to bring out most of the points it will be closed after we hear from Mrs. Belle and Mrs. Sensible—that is, unless some belated man rises to tell how he has gotten along with a partner a good many years his junior. Mrs. Sensible, friends:

All rules are subject to exceptions. One person may be really older, as far as growth and mind are concerned, at eighteen years of age than another at twenty-five. My advice is train your children to wait until they reach the age of accountability before they are allowed to keep company. Keep them children, then when they select a partner for life they will be more able to understand the meaning of the marriage vow. Now, will June Bug please tell me her motive in marrying? There are hundreds of reasons for marrying, but only one is right—marrying for love. A motive when sanctified by a desire and a resolution to improve and elevate each other, and to live true and holy lives before God, cannot fail to call down the blessings of Heaven. But sad is the fate of those who marry from wrong motives. A true union of hearts not even death can end. Now, my dear June Bug, I, too, speak from experience, since I have married a man almost twenty years my senior, and my experience has been long, for we have been married almost fifteen years. I had a great deal to learn. I was an office girl in a city in the thickly-settled state of Ohio. I came as a bride to a small inland town in the West, but I am not afraid to say that I can work alongside of any farmer's wife, and need not blush, either. I have a family of little ones to care for; have learned how to raise chickens, make top-notch butter, garden, sew and dispatch all the duties of a

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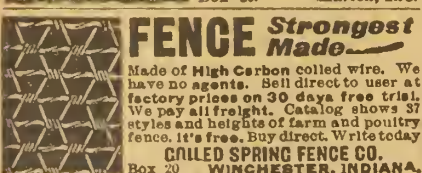
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of making another soul happy, but they married without having the proper motive, consequently they are mismatched. What can be done?

The trouble about marrying for love is that it is so difficult to test love, to prove the genuineness of the thing. In this country when two persons agree to marry they usually think they are in love. Nature is, of course responsible for what is frequently a delusion, but knowing her tricky way, is unfortunately only one step in the direction of thwarting her. But let us hear what Mrs. Belle has for us:

Love should be the foundation of all marriages. Without it marriage is a farce, insipid or bitter to the extent of one's capacity to feel or suffer. A girl between the ages of sixteen and twenty, it is very possible, would not be in union of mind and have tastes in accordance with a man more than five years her senior. But I think if a girl is not married before the age of twenty-five or older, ten years or even more could not prevent a happy married life, and I think if she wait until she is thirty, a mate of fifty years might not be too old for happy results. I feel that it is the young girl or woman who marries a man so much older than herself who finds such a marriage a disappointment or failure. I believe the longer a woman waits before marrying the greater may be the disparity of years without unhappy results. It is the sensitive young girl who marries the so-called bachelor who has had his day who suffers the most.

There is a rather serious side to this question which Mrs. Belle overlooks. A true story will illustrate it. A woman of thirty-eight married a man seventeen years her senior; within eight years she was left a widow with four children, mere babies, of course. The man had owned no property and carried only a small life insurance; the woman had lost the vim and force of youth, she had lost her place in the ranks of the breadwinners, her health was breaking and her hands were tied, but there she was, compelled to earn a living not only for herself, but for four others. Such marriages may yield happiness for a few years, but there is more to life than happiness for a few years. A woman contemplating such a marriage should have an interview with herself in which she squarely and seriously faces the possibilities of the future. I go further than this. I hold the man also should face them, and that, afterwards, the two should consider them together, reverently, soberly, sensibly as two who are responsible, not only for their own future, but possibly for that of others. It has been slow of dawning, but the day is almost here when right-minded men and women who contemplate marriage will have a distinct understanding regarding circumstances and situations incident to the marriage relation.

It is problems of parents which A New Member from Wisconsin and our old friend, Mrs. Massey, bring for our consideration:-

I have two boys, and my husband and I



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both agree to use our utmost influence to teach pure manhood. He never allows evil stories told by hired help and never listens to them himself. I think very strongly on this subject. You may brand me a "crank" if you like—I am one on this particular subject. May I join the sunset club? I have a very beautiful sunset to describe some other time and am also interested in the book talks.

Which is the better plan, to start chil-

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dren in life as they leave home, with a farm of their own or its equivalent in money; with the sum of say \$500 as a "starter," or let them begin with only their talents and depend on energy and perseverance to open the door to prosperity for them? Which plan is the best for the young folks? Also, should our girls, as they become of age, be given the same "start," that is, a farm or a bank account, etc., as the boys?

Interesting problems for discussion have been cropping up lately in a most encouraging fashion. Let us hear from the circle on those here proposed.

Apropos of the children, here is Aunt Belle to talk about what their family has been enjoying in the reading line this past winter:

I will tell the mothers what we read aloud of evenings at our house. This winter we have followed no regular course, but I have read from Longfellow's poems more than from any one writer. The children love such poems as "Nuremberg," "The Falcon of Sir Federigo," "Torquemada," "Lady Wentworth" and "The Bell of Stri." They enjoy both the story and the music of the measure. These poems cause the children to ask a score of questions and afford opportunity for much instruction along the lines of customs and manners of people of different countries. I want, also, to beg every mother to discourage the "awful" funny pages of the great Sunday dailies. Just stop and consider what good can come from the children who scramble to get hold of those coarse, artless caricatures? What ideals of art or color will they form in their young minds? I have long wondered that a cry has not gone up against these cruelly ugly sheets. Far better would it be if a good character sketch could come out each week with portrait and scenes relating to life and work of the subject. The ever-present "novel of the hour" has driven out a thirst for such reading and young school girls pour over "works of fiction" that in ten years will be gone and forgotten. How pleasant to get out of the main traveled roads and enjoy the cooling quiet of an hour or so a day spent with Scott, Milton, Barrie and even some of our American sane writers as Emerson, Holmes and Bryant. How pleasant to renew our acquaintance with Whittier by reading "Snow Bound" during the recent cold wave. It will be hard to teach children to love such literature if you do not love it yourself. Use a few quotations every day as some incident calls up a fitting use for the

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words and soon your eyes will look out upon a somber world through roseate-hued glasses. Who will be next?

What a pretty picture is suggested by this talk. There are, in all the world, few things more delightful than the sight of father and mother and children gathered together enjoying the beautiful in literature or art. In such hours bonds are woven which the wear and tear of years cannot dis sever. Parents who simply provide for their children's material wants miss many of the sweet-

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Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was besieged by so many women needing treatment that she decided to furnish it to those who might call for it. She started with only a few dollars' capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

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Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are ailing, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000.00 worth is all gone.

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est joys of life. It is the parents who walk, talk, work, read and play with their families who really enjoy them.

A young man who voluntarily chooses the pseudonym, "A Crank," craves the privilege of the floor. The discussion regarding the going astray of girls stirred this young fellow, who believes that every young man should guard the purity of the girl in his company as he would her life. As the discussion which impelled him to rise is now closed, the first half of his speech is necessarily omitted:

The "gentleman" whose suit is cut according to the latest style; who wears his stiff hat on one side of his head; who has time to brush and fix and looks like he had just stepped out of a band-box, when this man goes to see "her," if he has lots of money to spend, even if he does have a cigar stuck in one corner of his mouth and takes a social drink once in a while—in other words, if he is termed a good fellow, then the ladies are his, in goodly numbers. He pays his attentions to one girl for one day, then he hunts another. But the ladies like him. They congregate on the street corners and talk about "that handsome fellow" until the next one comes along. I do not mean to say that everyone who smokes is such, but I do think a man ought not to smoke in the presence of ladies. It is the lady's fault if he does, for a gentleman will always get permission. She grants it and goes home with a roaring headache. She did not want to hurt his feelings, you see. If I am capable of advising let me say to the young ladies: The men require purity in you. They expect you to be almost angels, but you let the man be a slipshod creature. Come, make a few strict requirements of him and see how he will come to time.

"As unto the bow the cord is,  
So unto the man is woman;  
Though she bends him, she obeys him;  
Though she leads him, yet she follows,  
Useless each without the other."

Some may say I am a crank, but a small crank often turns a large machine.

To be a crank is to do your own thinking and have the courage of your convictions. The people who "do things" are usually cranks. And yet few of us are willing to be called cranks. Why is it, I wonder? But I want to ask a question suggested by the remarks of the crank who has just addressed us. If the situation is as he says, and I am inclined to think it is, why is it as it is? Why do girls encourage the attentions of undesirable young men? Let us hear from the accused.

The young men of the circle are doing their part bravely. Here comes "A Young Missourian" with his quota:

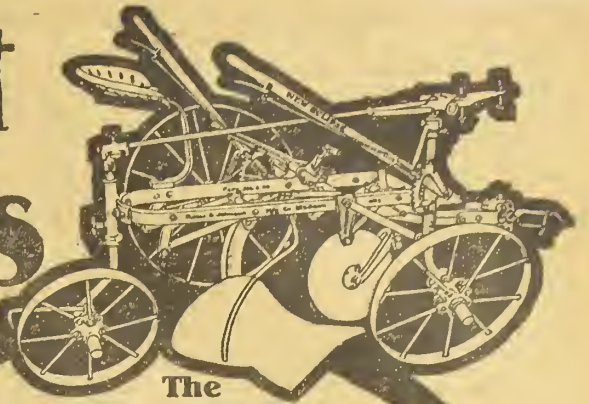
I presume the thing we "Among Ourselves" are aiming at is the capture of that slippery eel, that evades the rich and poor alike—happiness. All of our efforts to adjust social and domestic affairs are means to that end. In my opinion happiness consists in having a mental poise, a little food when hungry, a little money when we need it, to have the mental and emotional nature adjusted to each other, to govern the animal instincts by reason, to be satisfied with a little home, and to know that our neighbor is made out of the same kind of bricks that we are, but differently arranged. There is a line of demarkation where the mental and physical forces of waste and repair balance each other. Stay very near that line and you are happy; soar above it on the wings of religious emotions, day dreams or otherwise and you will pay for it by living in the cellar for a while. Hurry and worry are twin devils; keep them at a distance.

If this friend had slipped in without lifting his mask should we have called him "A Young Missourian?" I think not. He talks like Solomon; such wisdom is usually associated with gray hair—or lack of hair.

We are to discuss Sunday amusements directly. What Aunt Jane has to say will serve as a sort of prelude and perhaps furnish material for one of those side issues which are such an important feature in debates Among Ourselves:

After reading Among Ourselves for some time in silence I have been pleased and indignant by turns. I will pen a few of my thoughts to ye editor. I do not think that a man must go to church every Lord's day in order to be a Christian. If so, the average western farmer stands a very poor show of Heaven. Stock must be cared for the same on the first day of the week as on the remaining six; besides, most of our churches are located in the towns, and the residents of the towns, especially the male portion of them, make themselves conspicuous by their absence, and the farmer feels himself a little out of place in a church filled with stylishly-dressed ladies. Remaining at home makes his faith in a Creator none the less. If we believe and obey we are the children of God just the same as though we attended service every Lord's day. I think with Farmer's Wife and Nebraska Bachelor that a single standard of morals for both sexes is our only hope of redeeming the morals of our country, but who can tell us how that standard can be established? We are urged on every side to bring up our daughters to be model wives and mothers (cooks especially). Girls must be good and true, noble and virtuous, gentle and kind, and always smiling when husband comes home tired from his labors. Well, I verily believe mothers as a rule are doing all in their power to fill the demand, but where are we to look for husbands for such girls? While we have the saloon, and thirty freeholders in almost every town who will unblushingly sign a petition for one man to handle the goods to make brutes of men and boys, how can we hope to

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raise the moral standard of our boys? Will someone tell us? I am at a loss to know.

"A Crank" has been whispering to me that he believes many mothers do their full duty; that allowance must be made for "the cropping out of the brute in man." This suggestion is worth consideration. Taken in connection with Aunt Jane's closing remarks it furnishes an admirable topic for discussion. Which is the better plan, to muzzle "the brute"

A. S. ALEXANDER, V. S.  
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by means of prohibitory laws of various kinds or to educate and humanize "the brute" so that he will become a new creature? I think I will ask the men to discuss this question.



## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Lennyson.

### The International Sunday-School Lesson.

First Quarter. Lesson XI. Genesis xxv, 15-23, 41-45. March 17, 1907.

#### Jacob and Esau.

After twenty years, and in answer to prayer, twin sons were born to Isaac and Rebekah. They are perfect contrasts in appearance, disposition, and occupation. There was certainly a preface to the crucial scene before us. It was not wholly fortuitous. The way to it was paved. Esau's contempt for his right of primogeniture was the gradual outgrowth of his recklessness, impiety, and misalliances. The priestly office and personal piety incumbent upon the inheritor of that vast estate so discounted it in Esau's eyes that he did not care a rush for it; he believed he could get a fortune by some other means, and one not incumbered by such distasteful conditions.

On the other hand, Jacob plainly saw his brother's utter unfitness for the primogeniture; how a great patrimony was in imminent danger of being

dissipated. The prophecy of his birth, too, was often whispered in his ear by a partial mother. He was over hasty, and thought he must needs use human expedients to help God carry out his plan. The hand of Jacob, the heel-holder, had often been stretched out before to trip his brother.

A half-dozen verses suffice for one of the finest portraiture of opposite characters to be found in literature. Jacob is at his tent door, seething lentils into a savory, pungent, nourishing porridge of a red color. Esau, coming from the field, fatigued and too impatient to wait until the game he may have taken could be prepared for him, cried: "Let the red (one) gobbler up that red!" It is the will of a wayward man. Jacob steps between the kettle and the hunter. He makes the most of his opportunity. "Ah, Esau! he has his hand upon your heel once more."

Esau's answer is pure Epicureanism. "Let me eat, drink, and be merry—tomorrow I die. The birthright! I don't care a fig for it any way." Crafty Jacob! He forestalls that saying, "A bad promise is better broken than kept by taking an oath for confirmation," which is an end to all things—to the Oriental. He is generous enough to throw in a little bread, which was not in the bargain. Esau eats, drinks, rises up, goes away.

The story of the stolen blessing is the

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up.

### THESE ARTICLES FREE IF YOU BUY FROM US.

You get our valuable Profit Sharing Certificates on every purchase, and as soon as you have \$25.00 in our Profit Sharing Certificates, you can get a man's or woman's machine-tosh free, or a boy's suit, parlor table, fine lamp, mantel clock, all entirely free, or the Morris chair, couch or dresser free for larger amounts. All fully explained in the free Vehicle or Wagon Catalogue. Write at once; state if you want the free Vehicle Book or the free Wagon Book and get all our wonderful 1907 offers on rigs and harness, prices, terms, inducements, advantages you can't afford to miss. Address, Dept. 1, SEARS, ROEBUCK & CO., CHICAGO, ILLINOIS.

## INVESTIGATE ADVANCE FENCE

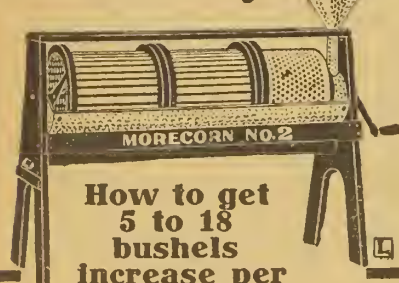
It's different from all others—in construction. We don't cut the wires into short pieces in order to enable us to make fences a little faster. We have stuck to the good old way in which we made fence seventeen years ago and while it's not the fastest way it's absolutely the best way. Our stay wire is continuous—not cut at the top or bottom or anywhere else. That makes our fence twice as strong as cut stay fences.

Sold on approval. We offer to ship you all the fence etc. you need on approval. After examining it carefully and comparing it with others, if you don't want it return it at our expense and get your money back. Isn't that a fair offer? We prepay freight and guarantee safe delivery. Get our Fence Book and prices.



ADVANCE FENCE CO., 34 OLD ST., PEORIA, ILL.

## More corn means more money



How to get  
5 to 18  
bushels  
increase per  
acre

You know as well as we do that if your planter drops too many kernels in the ground at one time, they cannot obtain the proper amount of nourishment from the soil. That means stunted stalks, stunted corn—dollars out of your pocket.

Again if too few kernels are dropped by the planter, the stalks will bear good ears of corn but you lose the yield from the missing stalks. Any good planter will drop two, three, four, five or as many kernels as you want, provided you sort them first with the

### Morecorn Sorter.

It sorts every kernel not only for length and width but for thickness, this is impossible to do by hand sorting. Even a hair's breadth makes a difference in this wonderful machine.

If you sort your seed corn with the MORECORN SORTER, then set your planter to drop 3 kernels, it will drop 3, no more, no less, 100 times out of every 100.

This means 5 to 18 bushels of corn increase for every acre. Does this interest you?

If it does—and it certainly should—sit down while you are thinking about it and ask us to send you our FREE literature.

Monarch Self Feeder Co.

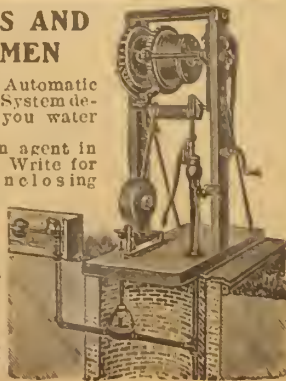
95 Main St. Cedar Falls, Iowa

## FARMERS AND STOCKMEN

The Myers Automatic Water Supply System designed to give you water at all times.

We want an agent in each County. Write for information, enclosing postage for reply. Address, Myers Pump & Mfg. Co., Beals Bldg., 9th & Wyandotte, Kansas City, Mo.

What town wants our Factory?



## CARPETS, RUGS AND CURTAINS BY MAIL.

The illustration above shows one of Telfer's good rugs and on page 19 of this issue appears the advertisement of the Telfer Carpet Company, of Des Moines, Iowa, in which they announce their new 1907 catalog to readers of this paper. The Telfer Company are featuring carpets, rugs and curtains by mail. They sell their goods direct to the consumer and from their large fifty-page color plate catalog showing goods in actual colors, the purchaser can make a selection to even better advantage than in a store, having at the same time a much wider variety for selection, as well as later styles and choicer patterns than are usually carried in stock by the dealer. This company are well known to our readers. They have been advertising in this publication for years and we can unhesitatingly recommend them as being honorable and straightforward in all their dealings. Mr. Telfer states that he is offering even better values this season than ever before and in going through their large establishment recently the writer saw some of the handsome new floor coverings mentioned in their advertisement, and we can vouch for the fact that they are splendid bargains. Write for their catalog—try Telfer's good carpets on your floors—you'll find them more than satisfactory, and you'll probably save money besides. Better write for the book now, today, before you forget it, asking for the big new catalog, 1907 edition, the book of real carpet, rug and curtain bargains.

sequel to the story of the stolen birthright. The father's final benediction upon his first born took, in Oriental life, the nature of a sacrament. It was preceded by a sacred feast. The days of Isaac's dissolution were at hand. Preparations were making for the ceremony

## An Only Daughter Cured of Consumption

When death was hourly expected, all remedies having failed, and Dr. H. James was experimenting with the many herbs of Calcutta, he accidentally made a discovery, which cured his only child of consumption. His child is now in this country and enjoying the best of health. He has proved to the world that consumption can be positively and permanently cured. The doctor now gives this recipe free, only asking two-cent stamps to pay expenses. This herb also cures Nausea at the Stomach, Night Sweats, and will break up a fresh cold in twenty-four hours. Address Craddock & Co., 1032 Race St., Philadelphia, Pa., mentioning this paper.

**FREE TO FARMERS.**  
A Sample copy of THE AMERICAN FARM LIBRARY, the new National farm magazine. Every copy a 256-page book. ADDRESS: SEARLE PUBLISHING COMPANY, EDGAR, NEBR.

which should invest the eldest son with his sacred office. At this juncture Rebekah appears upon the scene in an unworthy and discreditable role. She practices a fraud upon her aged husband. She prompts one son to lie—and steals from another the highest office in the Oriental family. The picturesque narrative does not need the meretricious trappings of the stage. It is a living drama, the characters of which have a being before the eye. Aged and blind Isaac, wondering at his sons' speedy return from the chase, his dull palate mistaking kid for venison, confused at a voice that sounds like Jacob's, but hands that feel like Esau's. Jacob first acting and then telling a lie. Rebekah lifting the tent curtain to witness the scene.

How quickly that scene shifts! Esau's discovery of the fraud, his vengeance vowed. Rebekah's warning to Jacob, Jacob's flight. The irretrievable sorrow of sin has fine and forceful illustration in the denouement. Esau, the profane despiser of his birthright—hear his wild lament, his great and exceeding bitter cry, "Bless me, O my father!" And Rebekah, too, shall suffer her penalty. She shall never look into the face of her rover son again. And Jacob! He shall be a frightened fugitive in peril of his life for forty years. Deceits he practiced will be practiced on him, affecting the dearest relationship of life.

### Analysis and Key.

1. Isaac's two sons in contrast. Esau's contempt of primogeniture. Despises priestly office involved. Forgoes a fortune. Jacob: recognizes brother's unfitness, uses human expedients to help God.
2. Sequel to story of stolen birthright. The stolen blessing. Sacramental benediction preceded by sacred feast.
3. Rebekah's unworthy role. Deceives her husband. Teaches one son to lie, steals from another.
4. The dramatic scene. Persons and parts in the drama.
5. The denouement. Esau's lament and vow of vengeance. Jacob's forty-



year-exile. Rebekah's virtual loss of both sons.

#### The Teacher's Lantern.

Great events turn on small hinges. A long-continued, bloody war was waged in the Middle Ages between two Italian cities, all about a stolen bucket. So, in this instance, the destiny of the Hebrew race was within the narrow circumference of a bowl of soup.

How soon the pleasure of sin is over! Esau licked his lips, got up, and went away. The bubble may be very iridescent, but it bursts before you can wink your eye. How paltry the prizes of sin! Apples of Sodom! Ashes on the lips!

Sin lengthens out in sections, like a telescope. The overreaching of the brother seemed to necessitate the deception of the father. The deceitful pantomime before the dim vision of the patriarch had to break its silence in the audible lie, "I am Esau, thy first-born."

What irretrievable sorrow, and suffering sin entails! Esau the profane despoiler of his birthright, hear his wild lament, his great and exceeding bitter cry: "Bless me, O my Father!" And Rebekah, too, shall suffer her penalty. She shall never look into the face of her loved son again. Jacob shall be a frightened fugitive, in peril of his life—forty years an exile.

A noble end never justifies ignoble means. Jacob's end was laudable. He believed himself to be, he was, better qualified for the primogeniture than his brother. But God put the unmistakable seal of his disapproval upon Jacob's despicable methods.

Strongest emphasis should be given to Esau's utter lack of appreciation of spiritual things. He was a profane person; one destitute of the religious sense. He was engrossed in the present, the material, the fleshly. He was carnally-minded. Unhappily he is not singular or exceptional in this. He is the very type of the man of the world who despises his title and inheritance as a child of God; in fact, sells it for a song. The last sentence clinches the lesson: "So Esau despised his birth-

right." Despising one's birthright is not a folly peculiar to Patriarchal times. Failure to live up to one's highest ideals and opportunities is in every instance a present day despising of one's birthright. It cannot be done without loss. The useless lament will follow.

The ethics of the family life were all outraged in this olden incident. But they are outraged in the story of human life that is writing today. And in the larger family, the race, the individual and collections of individuals are deceiving and robbing each other. They think they thrive by doing so, and that this is the price of thriving. The social conscience needs quickening and instruction.

#### Announcement.

The Originator of the Combination Oil Cure for Cancers and Tumors says that under his present management the chances for a cure are far better than ever before. Write for free book to Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

#### ADVICE TO BUGGY BUYERS.

In the interest of readers who may be thinking of buying a buggy this spring we direct attention to the vehicle line of the Marvin Smith Company, of Chicago. Our readers pretty generally know of this big manufacturing concern and the Marvin Smith Company never fails to prove its ability to save buyers money on their plan of direct dealing. Certainly no better example can be given of this plan than the prices they make on their large and complete line of vehicles and harness as illustrated and described in the beautiful new catalog they issue. The wonder is that vehicles can be made and sold at such prices as are quoted by this concern and their prices, as a matter of fact, are ridiculously low, when the quality, style and finish of their honest made goods are taken into consideration. A question might arise as to whether their vehicles will stand and give the proper service that is naturally required of them, and the answer to these questions is that the Marvin Smith Company has been manufacturing and selling these same vehicles at the same prices, and supplying a great many of the same customers for many years. The best proof that this information is correct is the fact that people everywhere have been putting their vehicles into use and have been giving them thorough tests, and, last season the company's business increased over 67 per cent as compared with any previous year, and we learn that there is a large demand for their goods this spring, which is certainly a testimonial to the marvelous value of the product of this large manufacturing concern. All their vehicles are sent out on thirty days' trial and the Marvin Smith Company has too good a reputation to hazard it by putting in anything not fully up to what they claim for it. Their most popular selling vehicle is the "Chicago Special" buggy, which is certainly one of the greatest vehicle bargains ever offered at the price they have put upon it. It is a high-grade, first-class buggy and the best vehicle that they build in their great factory at Huntingburg, Ind. It is sold under a five-years guarantee, and they claim that it is at least the equal of buggies regularly sold for twice the price charged for it. This particular buggy always proves a great advertisement for the company, and they are shipping thousands of them out on approval every season, and their large and increasing business has been built up, to a great extent, by this service this sample buggy is giving their customers in all sections of the country. The "Chicago Special" as well as the entire line of Marvin Smith Company vehicles and harness, is fully illustrated and described in the company's large 1907 combined vehicle and harness catalog V139, which may be had on request. If you are interested in vehicles or harness of any kind, do not fail to send for it. See advertisement on page 19.

#### LEARN DRESSMAKING BY MAIL.

We wish to call the attention of our readers to the advertisement of this National Correspondence School of Dressmaking found on page 18 of this issue. This school has been very successful in teaching hundreds of ladies the art of dressmaking and we would ask any of our lady readers who may be interested in this matter to write to this school and ascertain what will be required of them to take a full course of instruction by correspondence. The company will be very glad to answer any questions regarding their system and how it is taught.

#### CANADA LAND ADVANCING.

The demand for Canada land is growing stronger every day that the sun casts stimulating rays over the rich farms of the North. Here and there are bargains, and a few of these may be found in our columns. Anyone who is after some good dirt in the province of Manitoba had better write to Mr. F. H. Hole, 423 Twelfth St., Brandon, Manitoba, Canada. See page 28 for list of a few choice farms.

#### ONE WAY SETTLERS' RATES

To points in Nebraska, Eastern Colorado, Kansas, Missouri, Arkansas, Indian Territory, Oklahoma, Texas, Louisiana, Alabama and Mississippi, etc.

The Iowa Central Railway will place on sale on the first and third Tuesdays of each month, January to March, inclusive, one-way tickets at the extremely low rate of only one fare plus \$2 for the benefit of homeseekers and settlers.

Don't fail to call on Iowa Central agents for full particulars, rates, etc., or address A. B. Cutts, G. P. T. A., Minneapolis, Minn.

#### BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's para-

# FREE

## This Valuable BUGGY BOOK

Mailed To Any Address FREE Write To Day



### I WANT to Send You One FREE!

The Greatest Book of General Information About Vehicles Ever Published.

Write me a Letter or Post Card, tell me what kind of a vehicle or buggy you want. I will send you my book by return mail ABSOLUTELY FREE.

Don't buy a vehicle of any kind from anyone until you read this famous book. I have already distributed 150,000 of these useful books to vehicle buyers throughout the United States.

This Book Brings the Inside Workings of our Large Factory, one of the Largest in the World, Right to Your Home.

It tells you all about the Famous Split Hickory Line—how they are made, the kind of material used, why we can give you better values than you can get elsewhere. It gives a complete history of how these celebrated buggies are manufactured right from the hickory log and raw material into the most beautiful buggies of quality, ready for shipment to your home on thirty days' free trial.

You Can Have a Buggy to Your Order, Just as You Want It, and Shipped Without Delay.

We carry a very large supply of all vehicle parts in stock finished and ready to put together. We can ship quicker than any other factory. There is no delay in our large and fully equipped vehicle plant. Everything moves like clockwork. This book explains our wonderful system of building buggies at the least possible cost to manufacture, which enables you to buy your vehicles at fifty per cent less than you can buy them through the dealers.

#### I am the Originator of the Thirty-Day Free Trial Plan.

The book tells about my money-saving, thirty-day, liberal, free-trial plan. It explains how you can get a buggy just as you want it at lowest factory price, backed by my legal, binding, two-year guarantee for quality. How you can use it thirty days free, ride in it, examine it, test its strength and easy riding qualities in any way you see fit, and at the end of thirty days if you are not entirely satisfied, the vehicle can be returned at our expense—the trial costing you nothing.

OVER 100,000 SPLIT HICKORY BUGGIES IN USE THROUGHOUT THE UNITED STATES WITH EACH AND EVERY CUSTOMER SATISFIED

We manufacture over 800 different styles. Book illustrates many of these beautiful styles in color, exactly as they will appear in your home. Write me now—today—on a postal card and book will come to you by return mail.

H. C. PHELPS, President

THE OHIO CARRIAGE MFG. CO., Station 31, Cincinnati, Ohio.



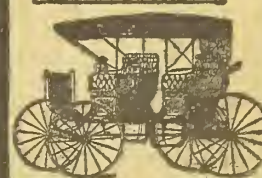
HIGHEST QUALITY



BEST WORKMANSHIP



LOWEST PRICES



ONE SMALL PROFIT

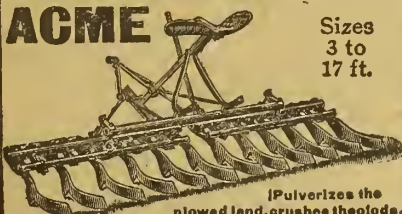
Try this

## Harrow FREE

RETURN AT OUR EXPENSE IF IT DOESN'T PLEASE YOU.

Here is a harrow that looks very different from the old pike or spring toothed harrow.

It is different. Every point of difference is a point of big improvement. It is as much better than the old fashioned harrow as a modern plow is better than the Indians' crooked stick.



Sizes 3 to 17 ft.

The coulters or teeth of the "Acme" work as a gang plow. They turn over the pulverized ground and give the crop all the soil's benefit. Farmers will tell you that bigger crops grow after an Acme harrowing.

FREE BOOK for your Farm Library.

Write us today and we'll send you free, a valuable booklet, "A Perfect Seed Bed." It means money to you.

DUANE H. NASH, Millington, N. J. Box 44.

## FREE TO MEN

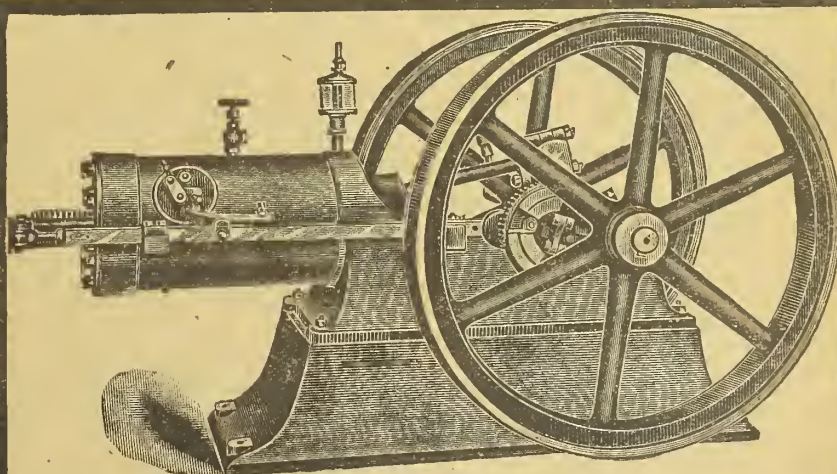
Sent Positively Without Cost.

One Week FREE Treatment

This is a bona fide offer to any man suffering from any of the diseases peculiar to men and is made by Dr. Rankin to give every man an opportunity to test, without cost, his superior and original methods. Dr. Rankin is without question one of the greatest specialists in diseases of men in the United States. His enormous practice, covering 30 years, places him beyond any experimenting. He cures where cures are possible.

If you need medical advice, why not get the best? This one week's treatment, absolutely free, will convince you.

Dr. W. D. Rankin, Dept. 18, 136 W. 34th St., New York.



THE greatest engine proposition ever offered to the readers of The Homestead. We build a complete line of stationary, pumping and portable engines from 2 to 30 H. P. Also hay stackers and rakes, power and sweep mills, thrashing machines. If your dealer doesn't handle our goods, write us direct.

CASCADEN-VAUGHAN CO., - - - WATERLOO, IOWA

## WATERPROOF RUBBER ROOFING

1-Ply \$1.35

2-Ply \$1.90

3-Ply \$2.50

A PERFECT ROOF. Needs no coating and has no sand on it to cover defects. EVERY ROLL GUARANTEED. Will stand any climate, is acid proof, water proof and will outlast shingles at one-third price.

Can be returned if not just as we represent and money will be refunded. Send for samples. References: Citizens and State Banks. Shipping points, St. Louis, Missouri and West Branch, Iowa.

SOLD DIRECT to the FARMER

FARMERS SUPPLY CO., WEST BRANCH, IA.

This pamphlet will be mailed free. A fore edition is exhausted, to A. B. Cutts, G. postal card will do it. Write at once to P. & T. A., Minneapolis, Minn.



## ADVERTISING NOTES.

Mr. C. H. Drake, of Hazleton, Iowa, wants men to put in some tile ditch for him. His advertisement will be found on page 15 of this issue.

For choice western Canada farm lands in well-settled districts and near main lines of railroad, address the Montague Land and Securities Company, Winnipeg, Canada. See page 26 for further particulars.

Looking for wheat lands? All right. Turn to page 26 and you will find listed some Canada wheat lands in the finest part of that country. Write for map and route to Mr. W. T. Stevens, 214 Endicott Bldg., St. Paul, Minn.

A highly-improved eastern Washington farm is offered for sale by Messrs. Bevis Bros., of Spokane, Wash., in an advertisement that appears on page 27 of this issue. This farm will be sold, including stock and farm implements that are now on the place. Full information will be given upon application to the above firm.

Ten thousand acres of good Wyoming land, on main line Union Pacific railroad, is being offered for sale by the O'Keefe Real Estate Company, 1001 N. Y. Life Building, at \$5 per acre. Here is one of the best chances for speculation that has ever been made in the West. Write them about this land at once and mention The Homestead.

If any reader of this paper is so unfortunate as to be troubled with gravel or gallstones there is an advertisement appearing on page 19 of this issue that will be of special interest. We refer to that of the Graveline Medical Company, of St. Marys, Kan., in which they say that their medicine, Graveline, is a positive cure for the worst cases of either of these afflictions.

Having an only daughter afflicted with consumption, from which death was hourly expected, Dr. H. James, experimenting with many herbs in Calcutta, accidentally discovered a remedy that cured his daughter, and which is advertised to positively and permanently cure this dread disease. This recipe is given away for two-cent stamps to pay expenses. The address of the advertisement is Craddock & Co., 1032 Race St., Philadelphia, Pa., and appears on page 22 of this issue. Those of our readers afflicted with this disease should write the company at once.

## CEMENT POSTS—TEN CENTS EACH.

That cement fence posts can be manufactured at a cost of ten cents each is a statement made by the Moore Post Mold Company, 327 E. Third Street, Sterling, Ill. This company are ready to stand behind any assertions that they make. The proposition which they are placing before our readers in their advertisement on page 2 is certainly a good one and worth investigating. The cement post is the coming post. They are economical and are rapidly being improved to a high degree of efficiency. Their lasting qualities make them highly desirable. Any of our readers interested in this mat-

ter should by all means write at once for descriptive circular to the above company. GET A FREE TICKET.

If you are considering purchasing farm lands in Minnesota, North Dakota or Canada, either for cash or on crop payments, read the advertisement on page 26 of Messrs. Gillilan Bros., 555 Temple Court Bldg., Minneapolis, Minn. They have an offer of a free ticket which is interesting.

## TEXAS LAND CHEAP.

The Boyer-Peterson Company, of Kansas City, Mo., are offering some good land in the Panhandle of Texas very cheap. Those who would like to know more about the Panhandle country should read this firm's advertisement in the Lands and Homes department on page 26 and should write them for full particulars. This firm are reliable and will treat you right if you buy from them.

## CLIPPING HORSES.

Write the Chicago Flexible Shaft Company, 234 Ontario St., Chicago, for their catalog on horse clipping machines. It is a very handsome book and shows a complete line of modern machines, including one advertised on page 9 of this issue—the Stewart No. 1, which comes as low as \$6.75. Horse owners and farmers everywhere now recognize the advantages of clipping horses in the spring and this seems to be the ideal machine to do it with.

## LOOK IT UP.

We mean the special offer of the W. F. Shelton Land Agency, of Kansas City, Mo., which appears on page 27, relative to their lands in Colorado just east of Denver. The W. F. Shelton Land Agency will be glad to tell you of the many opportunities offered in the country in which their lands are situated and prove to you beyond question of a doubt that you would find it to your interest to buy land in that section of the country. For valuable information relative to Colorado lands write to the above named firm, mentioning The Homestead.

## NO AGENTS NEED ANSWER

The advertisement of the Locater Publishing Company, 349 Lumber Exchange, Minneapolis, Minn. This company wish to hear from only those who have farms to sell at private arrangement. They are in the market for good farms and in order to eliminate high commissions hope to buy direct. In this manner much needless expense may be eliminated. If you can see merit in this plan write these people for further particulars. State what you have to sell and other necessary information. See page 21 and when you write kindly mention The Homestead.

## FORTY YEARS OF SCALE BUILDING.

It takes time to bring any piece of work to perfection. Forty years is about what any man ever spends on bringing his ideal or hobby to this state. It represents a long time. Indeed, the man who has studied the making of farm scales for two score of years should know the timbers quite well—just about as well as could be known. Jones of Binghamton, Binghamton, N. Y., makes an announcement on page 5 of The Homestead that should interest any farmer or stockman who intends to purchase a scale either now or in the near future. He pays the freight and delivers his shipments at your station. See his special offer for \$45 on another page. Remember to look for Jones of Binghamton.

## BECOME A MUSICIAN.

For years instructors in music have tried to invent a system of teaching music by mail, and at last those in charge of the International Conservatory of Music, St. Louis, Mo., invented the "Harmonic Tone Revealer." With this instrument as a guide and the lessons sent out by this conservatory thousands of people are now learning to play by note, and play well. The International Conservatory is the largest in the world, and they offer to send the "Harmonic Tone Revealer," fifty pieces of music and all lessons on trial. If you learn you pay for the instruction. If you do not you may keep the instrument and music. See the advertisement in this issue on page 5 and write. The firm are absolutely reliable.

## THE RIDING HARROW CART.

It would be difficult to see how any valid argument could be used against the harrow cart which the Rock Island Plow Company are advertising on page 17 of this issue. We regard it as such a practical and useful attachment that we desire to call our readers' attention to it. Why should farmers walk to harrow? Why should not every farmer have a cart attached to his harrow and ride, the same as he rides to plow, to cultivate, to plant, to reap and to mow? Frankly, we do not believe any good reason can be given. This cart is a simple and yet an important invention, applied to the most common and slavish piece of work farmers have to do. The Rock Island people have done the farmers a real service in making a cart that is practical and up to date—an implement that is just as standard as a sulky plow—and an additional service in putting it on the market at a popular price. The Rock Island cart sells for \$8. It can be had from most any implement dealer, or, in cases where it can't, the Rock Island Company will send it to anyone for \$8 and pay the freight to the buyer's home station. The old way of harrowing, walking behind the harrow all day in the dust and soft ground, was a man-killing job. It was just about as slavish work as anyone could be called upon to do. With the Rock Island Harrow Cart a boy can do this work just as well as a man. If he can drive a team he can do the work. It will be no harder for him to harrow than to ride and do any other day's work that falls to the lot of a farmer boy. The harrow cart is a good investment aside from the shoe leather and leg weariness it saves. The total cost being only \$8, the charge for any one year is nominal, considering that the cart is good for a dozen or fifteen years. Estimating a boy's wages at \$10 a month and that of a hired man at \$30, the saving in wages alone is easily seen. On any farm it will at least save its cost every year in

## I Make Harness and Sell It Direct to You

This Heavy Team Harness Would Cost You \$35 at Your Dealers'. I Sell It For \$24

All Shipments on Approval.

The way to get a dollar's worth of harness for every dollar you pay is to buy direct from the makers. A \$35 harness at your dealers' is no better than it was when the manufacturer sold it to the wholesaler for \$24. Because the wholesaler's profit and the retailer's profit bring the price up to \$35 to you, doesn't make the harness one bit better.

It's the long way around that costs so much. If you went from Omaha to Chicago by way of St. Louis, it would cost you more than if you went direct, wouldn't it?

Why buy harness in the round-about way? Even the big mail-order houses charge you one profit more than I do. I make my harness and am satisfied with a fair profit. Big sales and small profits are better for me than small sales and big profits because every new sale means a new friend and then I sell to his friends. Those who buy my harness say I save them about a third—sometimes a half.

I make 50 styles of good harness. My line is complete. Each set that leaves my shop is the product of workmen highly skilled in harness making, and is guaranteed to be from the best oak tanned leather—the only kind that ever gets into my factory.

I save you 30 to 50%, because I sell direct,—no agents, salesmen, dealers nor middlemen of any kind stand between

you and my goods; you get better harness, greater selection, and the maker's guarantee of perfect satisfaction or your money back.

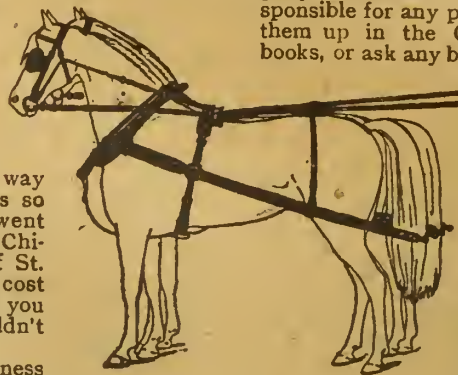
And you take no risk dealing with me, because my word is good, and the company of which I am President, is responsible for any promise I make; look them up in the Commercial Agency books, or ask any bank or express company where we are best known herein our home town.

Now, about my "leader,"—the \$35 set for \$24. The cut gives you a fair idea of it. This is a genuine bargain—a splendidly made 1½-in. team harness, strong, stylish in appearance, and made of the very best grade oak tanned leather.

And it is actually worth more today than it was when we made it up, because leather is advancing in price, as you know.

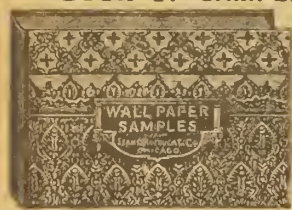
So, if you want this special harness value, please order promptly, as I shall probably not be able to advertise the set again at \$24. Just send me the money and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways if you are not perfectly satisfied.

My big, free Harness book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address, R. M. Knox, Pres., Western Harness & Supply Co., 613 Main St., Waterloo, Iowa.



## WALL PAPER OFFER

BOOK OF SAMPLES FREE



## WRITE US

and say "Send me your new 1907 Wall Paper Offer" and we will at once send you FREE, a big book of 1907 wall papers; immense variety, beautiful patterns, at astonishingly low prices. We own our own big wall paper factory and sell you direct on factory cost basis, less than one-half prices you must pay others. Our new 1907 patterns will delight you, our low prices surprise you. The big free sample book also shows how to hang paper and do the job yourself, anyone can follow our simple directions successfully.

## YOU CAN GET THIS DRESSER

FREE, a fine couch, Morris chair or choice of hundreds of valuable articles free if you buy from us. Our Profit Sharing Plan, as explained in the free wall paper book, is more liberal than ever. Write at once for our new Wall Paper Sample Book and see for how little money you can paper one room or your entire house and all our great new offers.

BEARS, ROEBUCK & CO., Chicago.



## Free Book For Men



A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urinary Disorders, Piles, Kidney and Bladder Troubles, Etc. This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

DRS. FELLOWS & FELLOWS CO., 323 Rollins Bldg., Des Moines, Iowa.

## Buy Wright's Stock Feeder Before April 1st.

It saves a great amount of feed and labor, and helps develop a more uniform lot of pigs. Everybody who has tried it says a good word for it, experiment stations, hog raisers, sheep men, etc. Many of them say it more than pays for itself every year. No wasted feed. No runs when this feeder is used. Every pig has his place and gets his share of the feed; and the best of it is it doesn't cost much. I really ought to have more money for it, but have been able to make favorable arrangements for material and therefore have decided to give my patrons the benefit, and on all orders mailed me on or before April 1, 1907,

The Old Price of \$10.00, Freight Prepaid,



This is it—Invaluable for Feeding Pigs, Sheep and Calves. Also breeder of registered Duroc Jersey Hogs.

still holds good. This includes the right to manufacture other feeders for your own use; worth this amount in itself. Postively no orders filled at this price after April 1st. Order at once if you want the feeder. You'll never regret the investment. Booklet illustrating and describing the feeders if you want it. Address all correspondence and orders to C. A. WRIGHT, Rosendale, Mo.

wages. On larger farms it will save its cost several times over in one season. We commend the large harrow cart advertisement now running in The Homestead to the notice of our readers. Send for free circulars giving particulars and see whether, when you have posted up on the matter, you do not agree with us that a Rock Island Harrow Cart would be a wise investment.

## NEW TONGUELESS DISK.

Have you seen the latest style in disk harrows yet? In compliance with the demand for a disk harrow without a tongue one of the makers of farm implements comes out this season with a disk truck. You will see by the illustration in the advertisement on page 13 just what this splendid improvement is. By placing a two-wheeled truck under the disk tongue at the point where the tongue is attached, the weight of the tongue on the horses' necks is eliminated. The draft on a disk is always heavy and this feature should prove a very attractive one in the disks that are on the market this season. It leaves the horses to work freely and independently and tends to promote more easy turning at the ends of the field. This truck is an attachment that can be put on any disk, old or new. It is manufactured by the Crescent Furnace & Foundry Co., Des Moines, Iowa. See their advertisement and write for more details, mentioning this paper.

## THE LIGHT IN THE WEST.

The West has ever beckoned to the East. The West has always been an attractive field for the explorer, the miner, the promoter and the farmer. It has been a field of unsurpassed resource. Opportunity lay waiting for the right man like gold nuggets waited to be picked up by hunters in the early days of the gold craze. The great wide West has been expanding for decades. It is still expanding under the development of its resources. Some people are afraid to venture west. Those who do seldom return. They become so infatuated with the country they never care to return. The man not tied down in business should now inspect the grand inducements offered in the states of

Washington, Oregon and Idaho. Transportation is rapid and as a vacation the trip would be great. Companies are making it easy to invest in western opportunities. Watch the West grow, but don't neglect in getting some of it to grow for your benefit. Write for free information about the West to Lewistown & Clarkston Bureau, Lewistown, Idaho. See page 27.

## UNUSUAL OFFER OF A WORLD-FAMOUS MANUFACTURER.

You can now have your washing done by gravity power, for a washing machine has been invented which actually makes the rotation of the earth on its axis do all the hard work of the weekly wash. The machine is very simple in construction, very easy in operation and very wonderful in results. After the dirty clothes are put in the tub of the machine and covered with hot suds, all that is needed to start the work of washing is a slight push of the hand. The strength of a small child would be far more than enough to set the machinery in motion. And, once started, the washer is easily kept going by slight pushes and pulls with your hand. The machine oscillates slightly and you exert but very little strength, because the earth power—gravity—does all the hard work. You can sit down to do your part, if you prefer. This wonderful machine is rightly called "a Gravity Washer," because gravity does practically all your washing. This Gravity Washer is made only by the world-famous 1900 Washer Company, of Binghamton, N. Y., who have patented the machine; and to show you the wonderful work this machine will do, the makers offer to send a Gravity Washer to any responsible party, for a month's free trial. See advertisement on page 20. You need not send them any money in advance, make any deposits, or sign any bonds. All you have to do to obtain the proof that you can be rid of wash-day worry and wash-day work forever and ever is: Write the 1900 Washer Company that you are willing to try one of their Gravity Washers. They will send you the washer at once, all freight prepaid, so you are put to no expense for the trial, and you have only to take the washer home and use it a month. The makers ask you to give the washer a thorough test; to wash everything from lace curtains to carpets with it, and if you are not perfectly satisfied, you need not keep the washer. This test will cost you nothing. It is free. But if you

## DON'T BUY GASOLINE ENGINES

alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome by compact mounting on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mfrs., Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or alcohol engine, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome by compact mounting on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mfrs., Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.



are pleased and satisfied, as you are almost sure to be, the 1900 Washer Company makes you an even more remarkable offer, still. If you decide to keep the Gravity Washer, after using it a month free, you can, if you wish, pay for it by the week or by the month; the makers let you do as you choose about this. Full particulars of this liberal guarantee of the free trial offer and of the "Pay as it Saves for You" plan of selling, may be had by sending your name and address to the general manager of the 1900 Washer Company. Address your letter or post card to the general manager of the 1900 Washer Company, Mr. R. F. Bieber, 296 Henry St., Binghamton, N. Y.

#### WHAT ARE "TRUE TEMPER" TOOLS?

That's just what many a farmer has been asking himself. True temper tools are the high-grade farm and garden tools made by the American Fork & Hoe Co., of Cleveland, Ohio. Their motto is "The best tools you have ever bought at the same prices you have always paid." Why not buy the best? It is seldom that you get a hoe, rake or fork that is any too good. Somewhere in the makeup of these tools there is a weak place where they are not carefully made. Did you ever find one of these places? It generally comes as a surprise and you wonder how that new fork or hoe could be so easily broken. Well, it was due to poor material, that was all. Avoid the recurrence. Buy True Temper tools. Ask your dealer for them. He will send for them if you are firm with him and he does not happen to have them. Turn to page 10 and find out more about True Temper goods. The name sounds good, the goods wear well and the price is what anyone can afford.

#### IT PUMPS AUTOMATICALLY.

The question of water supply has long been a problem with western stockmen. Up to this time the windmill has been the best, but in dry times in summer when cattle need water the worst, the wind does not blow regularly. Many have had to pump water by hand and others to drive their stock for miles. An Oklahoman who saw the great demand for a pumping machine that would supply water at any and all times at a little expense invented a machine last year. The first cost of it is less than that of a windmill, and the cost of maintaining it much less. This machine is put on the market by the Myers Pump & Mfg. Co. It has been thoroughly tested and will do the work. The machine is designed to supply water whenever needed. It only stands seven feet high and there is no danger from wind. A boy of eighteen can wind it up and when wound the machine is intended to run twelve hours straight work, but as the average farmer does not need over one hour's steady pumping to give him what water he needs for one day, the machine will run twelve days with one winding, or if two hours a day is required it would run six days. The machine will last a life time. It can be attached to any make of pumps, is covered with galvanized iron, keeping out snow, sleet and dust. It will give water pressure for the house, as well as pump water for stock.

We use scrupulous care in choosing glasses to aid our eyesight. Why not use scrupulous care in selecting lamp-chimneys?

MACBETH is the only maker of lamp-chimneys who is proud to put his name on them.

Let me send you my Index to chimneys—it's free.

Address, MACBETH, Pittsburgh.

It will draw from wells from 100 to 300 feet deep. Read the advertisement of the Myers Pump & Mfg. Co., Beals Building, Kansas City, Mo., and write them about this machine.

#### THIS INVENTION SIMPLIFIES FARMING.

One of the most valuable inventions from the standpoint of the farmer is a new harrow which has just been put on the market, which, it is claimed, actually reduces the labor of preparing the seed bed by one-half. This really wonderful agricultural implement is called the Two-in-One Harrow and is manufactured and sold direct to the farmer by the Naylor Manufacturing Company, 14 Spring Ave., La Grange, Ill. Mr. Naylor, the superintendent and general manager, is a practical farmer of many years' experience. This harrow combines in one implement the virtues of both a spring-tooth and spike-tooth harrow, and the construction is such that all the weaknesses of both the spring-tooth and spike-tooth have been overcome, yet this new harrow has all the virtues of either the spring-tooth or spike-tooth used separately. Where in former years it was necessary to go over new plowing with a spring-tooth harrow to break up the sods, following with a spike-tooth to complete the process, this new harrow does it all at one operation, thus saving half the time of men and team. This harrow has also developed many other features in actual use, which are highly approved by agricultural experiment stations and all who have used it. Now that farm labor is scarce and hard to obtain, anything which will cut in half the labor of preparing the seed bed is bound to appeal most strongly to farmers all over the country and we predict enormous sales for this really wonderful invention. We understand that this wonderful labor saver costs little, if any more, than the inefficient single harrows of either the spring-tooth or spike-tooth variety. See advertisement on this page.

#### A KANSAS CITY MINING COMPANY MAKE WONDERFUL GOLD AND SILVER STRIKE AT BRIDAL VEIL NEAR TELLURIDE, COLORADO.

The Double Eagle Gold Mining Company which has been developing and opening up a number of rich claims recently uncovered several true fissure veins of ore, that will most surely bring splendid returns to the company's stockholders. The Double Eagle Gold Mining Company's property is located in San Miguel county, Colorado, in the southwestern part of the state, a little more than 200 miles from Denver. It is in the famous San Juan formation of which the Denver Times says that the twelve counties in the San Juan region produced last year \$4,952,746 in gold. In 1905 the mineral production of this county surpassed even the whole state of Nevada in mineral production. The county of San Miguel leads the San Juan list for 1906 and makes good its claim to run next after Leadville as a producer of the precious metals. In spite of rough weather and heavy snowfall in the spring months and a shortage of labor in the fall, the tonnage shipped from the Telluride, Low Pit, Pandora and Ophir district foots up 1,136 cars, or 28,400 tons. Of this 911 cars were credited to Telluride station and 225 to the other three districts. The total tonnage compares with 22,079 tons in 1905, showing a gain of 6,321 tons, or 29 per cent. This must be considered in connection with an increase of 10 per cent in the price of silver, 17 per cent in the price of lead, 22 per cent in the allowance for copper, and 5 per cent in the market rates for spelter. In 1905 some 60 per cent of the shipments were concentrates, whereas in 1906 the concentrate percentages were close to 90 per cent. This makes a decided difference in the value of the ore, and suggests that the figures at the head of this review may be too low, rather than too high. The revised mint returns for 1905 credited San Miguel with an output of \$1,881,296 in gold, \$709,052 in silver (market value), \$333,730 in lead, \$43,065 in copper and \$101 in spelter, making a grand total of \$1,967,244 for the year. Hence 1906 shows a gain of \$470,324 in gold, \$212,715 in silver, \$133,500 in lead, \$21,532 in copper and \$149 in spelter. The vanadium product, \$187,500, is entirely new. The Double Eagle Company have been for some time husbanding their resources and is understood to have set aside a considerable fund which will be expended in the spring for an air compressor and machine

Twenty Years ago I Began Making a Specialty of

## Catarrh Treatment

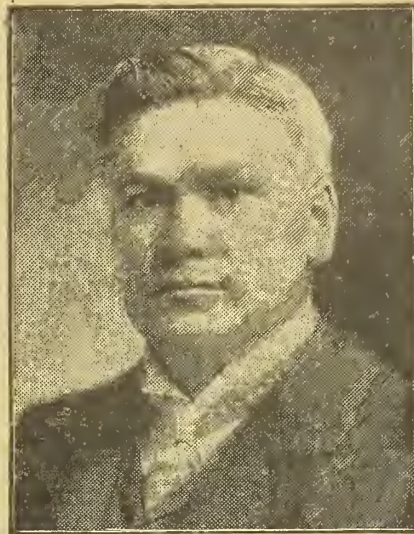
That I have been successful is best evidenced by the continued growth of my practice until now I am located in new and more commodious quarters in the Flynn Block, corner 7th

and Locust, occupying nine large rooms. I attribute my success to the personal attention I give the afflicted who apply to me for treatment.

Why should you continue to suffer when you can test my treatment for one month

## FREE

MRS. T. W. SHERIDAN says: "I am so much improved in health that I have decided to discontinue treatment. I think your medicine has accomplished great good and I wish you all the success possible." Mediapolis, Ia., R. R. No. 3.



T. F. WILLIAMS, - CONSULTING PHYSICIAN

CUT OUT THIS FREE COUPON AND SEND TO ME TODAY.

#### FREE TREATMENT COUPON.

Dr. T. F. WILLIAMS,  
408 Flynn Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

NAME .....  
ADDRESS .....

drills. With the installation of the new machinery drifting on the Double Eagle vein will be resumed and an upraise put through to connect with the upper workings. On the completion of the upraise a handsome block of stopping ground will be available for ore extraction and the next order of business will be the construction of a mill upon one of the two sites, which the company owns upon the banks of Bridal Veil creek a short distance below the mouth of their tunnel. It is the intention of the company to resume driving their main tunnel as soon as the air drills are available and push the bore as rapidly as possible to a junction with the numerous veins of the district. The Double Eagle tunnel is the only practical

advertisement of the Ohio Carriage Manufacturing Company which appears on page 23 of this issue, telling about their famous line of "Split Hickory" vehicles and offering



to send a valuable buggy book free. Mr. H. C. Phelps, the president of the Ohio Carriage Manufacturing Company, is well known personally to many of our readers as the originator of the famous thirty days' free trial plan of selling "Split Hickory" vehicles from factory to consumer direct, thereby cutting out the large profits of the middlemen or retail dealers, which is a very great saving for the consumer. By Mr. Phelps' liberal plan the purchaser has every opportunity to test a buggy or vehicle of any kind on free trial for thirty days at his own home and then, if he is not entirely satisfied, he has absolutely nothing to pay. Mr. Phelps is considered one of the widest known and best-posted vehicle men in the country. He has built up an immense business for the famous "Split Hickory" vehicles, and he and his company have earned a splendid reputation for honest, fair and liberal dealings. Mr. Phelps has published one of the greatest books of general information about vehicles ever gotten out by any vehicle manufacturer. In it he gives facts about buggy-making as never before given to the consumer. If you expect to purchase a buggy of any kind we advise you to send to Mr. Phelps for one of his great books. Just use a postal card and says: "Mr. Phelps, please send me one of your buggy books," and he will send you one by return mail absolutely free. Mr. Phelps has already sent out over 150,000 of these valuable books to buggy buyers throughout the United States. We advise you not to delay, but write at once to the following address: Mr. H. C. Phelps, president of the Ohio Carriage Manufacturing Company, Station 31, Cincinnati, Ohio.

F. G. Paul's Poland and Chester Sale.

At Laurel, Iowa, February 28th, Mr. F. G. Paul held an exceedingly successful Poland China and Chester White sale. On that date twenty-seven head of Poland sold at an average of \$49.50 and twenty-eight Chesters brought an average of \$37.50. There were only four Poland and three Chesters in the entire offering over one year old. Mr. A. R. Fox, of Elberon, Iowa, topped the Poland offering for No. 2 in the catalog, at \$85. Some of the principal buyers of Poland were Walter Smith, Melbourne, Iowa; Wm. Pedrick & Son, Ottumwa, Iowa; Edw. Tweed, LeGrand, Iowa; J. L. Miller & Sons, Brooklyn, Iowa; James I. Paul, Laurel, Iowa; John McIlrath, Laurel, Iowa; W. H. Paul, Laurel, Iowa; F. W. Akers, Laurel, Iowa; Henry White, Trivoli, Ill.; H. W. Ogan, Marshalltown, Iowa; Will Schultz, Laurel, Iowa; G. H. Chase, Grinnell, Iowa; Chris Hesselbrink, Haverhill, Iowa. Those who purchased Chesters were Clark Richardson, Pella, Iowa; John McGinley, Brooklyn, Iowa; H. W. Andrews, New Providence, Iowa; Cyrus Loupee, Laurel, Iowa; L. R. Maytag, Laurel, Iowa; John Lefebure, Fairfax, Iowa; Peter Pfeifer, Haverhill, Iowa; M. O'Connell, Gilman, Iowa; Wm. Beye, Laurel, Iowa; E. J. Robb, Marshalltown, Iowa.

## My 2-in-1 Harrow Makes a Perfect Seed Bed in HALF THE TIME

BECAUSE it does the work of both a Spring Tooth and a Spike Tooth Harrow at one time and at one operation.

Because, you see, my harrow is BOTH HARROWS IN ONE.

If you have to go over your field four times now—you'll only have to go over it twice with my harrow.

If your ground is in such shape that you now go over it twice, then only once over will give you an even better seed bed when you use my harrow, and you can follow right along with a planter.

That means if it rains overnight you haven't got your work to do over again.

On newly broken sod you can work across the furrows (instead of with them) and not pull up a single sod or choke the teeth. You can prepare new ground with my harrow in a THIRD the time you can working the old way—using two harrows separately.

One lever instantly adjusts my harrow so you can use the spring teeth alone—or the spike teeth alone—or both together—or you can throw all the teeth up out of the way so that the frame will slide along the ground like a stone boat.

When a live farmer knows about my harrow he wants it. I can name, off-hand, twenty places near my farm in Cass Co., Mich., where you'll find good spring tooth and spike tooth harrows out in the barnyard with grass growing up around them.

The farmers have thrown them away and are using my harrow alone—and they're MAKING MONEY by doing it.

#### HOW I CAME TO INVENT THE 2-IN-1 HARROW.

I always had the same trouble you've had in getting my ground ready.

It seemed like there ought to be some way around it. So my brother and I got busy one winter AND SOLVED THE PROBLEM.

This is the way we figured:

A spring tooth harrow wants to keep digging in all the time. That keeps the frame pressed hard on the ground and it's a tough pull on the horses.

A spike tooth wants to keep jumping up all the time, you have to put some left on the top to keep it down. The horses have to drag the heft as well as the harrow.

So we made a 2-in-1 harrow—spring and spike teeth together. That season we used it on our farm and it worked just as we figured it would.

The spikes kept the springs from digging in too far, and the dig of the springs kept the spikes down to their work—and once over (except on extra bad ground) left a smooth, even, perfect seed bed.

That's why my 2-in-1 Harrow was easier on the horses than either a spring tooth or spike tooth alone and SAVED OVER HALF OUR TIME getting ready for planting.

The best proof of how really good my harrow is lies in the actual fact that every harrow I have sold has since sold from two to five more.

My Harrow is such a really wonderful thing and such a TIME and MONEY saver for the farmer that I expect each harrow I place will keep on selling others in the neighborhood. So I have decided to make a

**SPECIAL CONFIDENTIAL PRICE** to the first man in a locality who writes me—the confidential price will be AWAY DOWN.

Don't even consider buying a Harrow till you get my confidential Introduction Price.

Write quick to

J. R. NAYLOR,  
Naylor Mfg. Co., 414 Spring Ave., La Grange, Ill.  
(Not Incorporated.)

From Factory to Farm





## ADDITIONAL FIELD NOTES.

## NEW HERD OF ANGUS CATTLE AT MANNING, IOWA.

Lovers of the Aberdeen Angus breed of cattle who have been familiar with the unusual undertakings and successful operations of Mr. Matt Baker, will be interested in knowing that he landed on his new farm near Manning, Iowa, on February 26th. Mr. Baker has been known to the writer for nearly a quarter of a century. Matt Baker, as he is generally known, is notorious in several ways. In the first place he is strictly honest, is an indefatigable worker, a most excellent judge of beef cattle, and fourth is one of the best fitters and exhibitors of beef cattle in America. The writer's acquaintance commenced with Mr. Baker during his regime as manager and herdsman for Dr. G. W. Dean, of Maryville, Mo. Later Mr. Baker was in charge of Mr. L. H. Kerrick's famous breeding farm at Bloomington, Ill., where the Chicago champion fat stock show steers were prepared under Mr. Baker's direction. Later we find Mr. Baker taking the place of Uncle Willie Watson, at Winchester, Ill., in charge of the herd owned by Mr. A. P. Grout. Next we find him in charge of the famous Charles Escher, Sr., establishment at Botna, Iowa, where he successfully fitted and exhibited doddies from this establishment, and next we find Mr. Baker formed a partnership with Mrs. C. A. B. Smith, at Mt. Vernon, Iowa, which was in force five years. Their contract having expired the past winter, this herd was dispensed and the proceeds divided jointly between Mr. Baker and Mrs. Smith. At this sale the greatest number of Blackbird cattle were dispersed that was ever offered by one firm or breeder. Of this number Mr. Baker succeeded in securing nine of the best with which to found a new herd of his own. He secured the great Blackbird bull, Black Man 72244, and of females he secured Blackbird of Cloverland, the best Blackbird cow that was ever in the Cloverland herd. Mr. Baker bought this cow at auction for \$1,000. He also has Blackbird of Cloverland 18th and 14th, Blackbird Beth, Blackbird of Quietdale 3d and one Pride cow, Pride of Aberdeen, a daughter of Black Keillor 3d and out of Pride 5th of Woodlawn by Moon Eclipse. Mr. Baker has certainly the nucleus for one of the best herds of Angus cattle in existence, and with his past experience is in position to build up a herd second to none. The Homestead predicts for him that success to which he is entitled.

## NORTON'S CRUICKSHANK BULLS.

The time has come when a good herd bull means everything to a breeder and his herd. The time has gone by when a breeder can afford to use a poor bull, and the future will demonstrate this more clearly than ever before. Short-horn breeders who want the best, both in breeding and individuality, should get in touch with that veteran breeder, Mr. C. C. Norton, of Corning, Iowa. If you want a first-class herd bull, one that will reflect credit on you and your herd, he has them. We want to call our readers' attention to a few that he now offers for sale that are good enough to head any herd in America. One of these is a Duchess of Gloster bull called Gloster's Favorite, a two-year-old son of Imp. Bapton Admiral and out of Lady Gloster by Imp. Prince Bishop. This bull has five imported sires on the top of his pedigree and he is as royally-bred a Duchess of Gloster bull as was ever offered for sale. This bull will now weigh 2,000 pounds, is a red in color, a bull of splendid length and depth, has a most excellent head and horn, a good back and loin, full over the crops and through the heart, and in every way you look at him you are impressed with him as a great herd bull. Mr. Norton has used him and his calves are good. If there ever was a herd bull that is fit to head the best of herds, this one is. The price is reasonable, considering what he is. Another great two-year-old that Mr. Norton is offering for sale is called Sultan. He is sired by Imp. Bapton Admiral and is out of a daughter of Imp. Salamis. Then comes Bonnie Scot, Imp. Lord Cardinal, Staplehurst, Roan Gautlet, Pride of the Isles and Champion of England. He is one of the most richly-bred Cruickshank Secrets, and is one of the smoothest, showiest bulls ever bred by Mr. Norton. He is a full brother to the bull sold to Mr. Eckle, of California, for \$1,000. This bull could be easily made a show bull that would be hard to beat. We doubt if in all his career as a breeder Mr. Norton has ever bred a better one. A description of him would not do him justice. He should be seen to be appreciated. We could not cite a breeder who wants a first-class bull to head his herd, to where he could secure a better one. If any of our readers want a herd header the thing to do is to go and see Mr. Norton about this fellow. Another good two-year-old is a Bampton Rose bull. He is sired by Banker's Victor out of one of Mr. Norton's best cows, Bampton Lily. Here is an excellent prospect for a great herd bull. Mr. Norton also offers a good young Duchess of Gloster bull for sale that is all right, and several others that we might also mention that are within the reach of any farmer or breeder. Mr. Norton has just sold one bull that goes to Wisconsin, another to Pipestone, Minn., and another to Lowden, Iowa. The Short-horn breeder who is looking for a herd bull should write Mr. Norton at once. The best thing to do, however, is


to go and see the bulls, and if you want a herd bull you will never go away without buying. Kindly mention The Homestead when writing.

## BIG SHORT-HORN SALE AT MASON CITY, IOWA.

On March 28th will occur at Mason City, Iowa, the largest sale of Short-horn cattle ever offered at this historic point. On this occasion Mr. A. H. Brett will offer from his herd 150 head, including twenty pure Scotch cattle, among which are two imported cows, Imp. Zoe 5th and Imp. Roan Ribbon. Each of these have calves at foot and ought to be good property for anyone. Their breeding is certainly all that could be desired. Zoe 5th represents Mr. Cruickshank's famous Clipper tribe, a family that has furnished more herd bulls for the Sittytown herd than any other. Zoe 6th is listed in the sale also and is out of Imp. Zoe 5th, sired by the agricultural college bull, Imp. Scotland's Crown. Another well-bred Scotch cow is Flora Princess, sired by Prince Orange 2d, her dam being Flora Queen by Scottish King. She belongs to Mr. Cruickshank's Flora or Louisa family. The Louisa came from the herd of Mr. Robert Syme, Redkirk, Scotland. Imp. Roan Ribbon was by Lyddite. She is a daughter of Imp. Red Ribbon that sold for \$1,000 at auction in 1902. This cow has a splendid heifer calf at foot by Prince Victor and is rebred to Hampton's Marshal. She is an excellent milker and is worthy of a place in some good herd. Lot 7 of the sale catalog is Butterfly 3d of Wildwood. This is one among the best Scotch cows in the offering. She is a dark red, low, thick, blocky cow, and is one of the five heifers that sold in the C. C. Bigler herd at \$1,000 each. She has an exceptionally good calf at foot by Hampton's Marshal and is again rebred to him. Lot 11 is Likely 2d, a daughter of Imp. Likely by Imp. Faucy's Pride. This is only a two-year-old heifer, but is of such lines of breeding as to make her desirable. Imp. Likely is a half-sister to Choice Goods. Mr. N. A. Lind purchased Imp. Likely at one of Mr. Brett's sales at \$830. Gloster of Aberdeen has a beautiful cow calf at foot and is a low, thick heifer of proper type and conformation. She was sired by Imp. McNaughton, while her dam was the \$600 cow, Cherry of Aberdeen. She traces directly to Imp. Vain Maid. The complete catalog has not as yet reached us, hence we cannot give all of the stock's pedigree, but will say that Lot 8, Serepta Lady, is a nice red cow sired by Nonpareil 2d. She is a dark red and one that Mr. Brett considers among the choicest in the offering. She is bred to Windsor of Maine Valley. Lot 5 is Geanie Deans 3d, sired by Baron Gloster of White Hill 2d. Her dam was Imp. Jennie Dean 2d by Daybreak. This is also a red cow, her dam selling for \$400 last June. Miss Buckingham is a Canada-bred heifer, sired by Lord Gloster and traces to Imp. Airy Buckingham by the Cruickshank bull, Master of Arts. The Miss Buckinghams are rated among the good Scotch breeding of the present day. This is a large roan cow weighing about 1,550 pounds. She is bred to the Cruickshank bull, Windsor of Maine Valley. In addition to the 150 Short-horn cattle to be sold, Mr. Brett will also offer at the same time and place the Clydesdale mare, Sally Maggregor. Sally Maggregor is a nice bay mare coming six years old and weighs 1,600 pounds. She is bred to Royal Heir, he by Imp. Heir of Fame and out of Imp. Princess of Airds. The remainder of the offering of horses are all Percherons, there being seven Percheron stallions, all of good ages and good clean horses. The catalog of both horses and cattle will be sent upon application to Mr. A. H. Brett, Mason City, Iowa. See page 33.

## CLARKE'S SHORT-HORN SALE.

Readers of The Homestead will be deeply interested in the announcement on page 34 of the present issue of this important sale, which will be held in the new stock pavilion at South Omaha, Neb., March 27th, at 1 p. m. Regarding the general excellence and merit of Meadow Lawn Short-horns the public is already thoroughly informed. Through upwards of a quarter of a century this remarkable herd has been establishing a reputation for prize winning and superior quality as breeders and sires that is peerless in Short-horn history. In sustaining this reputation the animals offered in the coming sale are sure to have a prominent part. Descendants of the most noted and popular Scotch families, of most approved conformation and highest quality, many being already producers of exceptional merit, they are one of the choicest and most desirable lots ever offered for sale. Not an animal is included in the offering that would not make a valuable addition to any herd in the country. The large majority are pure Scotch and include several imported cows. The bulk of the offering, however, is of Mr. Clarke's own breeding and shows the result of his careful selection and mature experience. For the most part they are the offspring of such great sires as March Knight, Bapton Ensign, Imp. Peunan Commander and Imp. Red Knight, and nearly one-half are out of imported cows. The twelve bulls offered are surely a choice lot. Of the most approved and desirable type, thick and beefy, with splendid heart girth and great feeding and digestive qualities, they will be eagerly sought after by herd breeders and as show animals. Among so many good ones it is hard to pick the best, but probably the splendid young



For shooting the swift flying, heavily feathered ducks and geese the **Martin** 12-gauge repeating shotgun has no superior. This gun is exceedingly strong in construction and yet is not heavy. It is bored to throw an excellent pattern with great penetration. The solid top keeps out the weather and the brush and twigs of the blind, and the side ejector prevents the empty shells from being a nuisance to the shooter. It's the best bad weather gun.

The **Martin** 12-gauge is suited to all forms of bird and trap shooting, and for durability, strength and ease of action is unexcelled. Made for both black and smokeless powders and for heavy loads. Two separate extracts make sure w. k.

The **Martin** Experience Book is full of real shooting stories. Free, with 130-page Catalogue, for 3 stamps. Write to-day.

**The Martin Firearms Co.**  
135 Willow Street New Haven, Conn.

## LANDS AND HOMES FOR SALE

## Are You Texas Bound?

If you are, and have lived and farmed in Iowa or her neighboring state, you should go to Oldham County, for you can farm in the good old home fashion there, raise good big crops and feed stock. We have 25,000 square miles of mostly good black soil farm lands in the Shaw Water Belt of the Panhandle, just west of Amarillo. You can buy a good farm here at \$10 an acre or a better one for \$15 per acre. Write us for literature and come and see us when in Kansas City. Excursion March 19th, leaving Kansas City March 20th.

## BOYER, PETERSON &amp; CO.,

408-410 Gumbel Bldg., 8th and Walnut Sts., Kansas City, Missouri  
(Five minutes' ride from Union Depot.)

**Near Minnedosa, Manitoba:** 480 acres, cultivated; good house and buildings; heavy black loam, clay subsoil. Considerable wood, fenced, \$40 per acre. 320 acres fenced for cattle.

**Near Brandon, Manitoba:** 320 acres; new house, every comfort; good buildings. River on one side. \$32 per acre. Will write about, or show over.

## F. H. HOLE,

423 12th Street, Brandon, Man.

## FARMERS, READ THIS!

If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write us for prices and terms and we will tell you how to get a free ticket to see our lands. Gillilan Bros., 555 Temple Court, Minneapolis, Minn.

**STOCK Ranch For Sale**—Splendid stock ranch near C. & N. W. in Converse Co., Wyo. 760 A. deeded land, 225 A. irrigated; 500 head mixed cattle, 10 horses, implements, etc.; good 6-room house, barn, granary, shop, machinery house, sheds, corrals, etc. Abundance of timber for domestic use on place. For particulars address owner, John Kern, La Bonte, Wyo.

**FOR SALE OR EXCHANGE:** 300 acres Mer- cer county, Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**IF YOU WANT TO BUY** sell or trade a farm, send full description of what you have or want with 25 cents to the Farmers' Want Journal, Dept. 51, Kansas City, Mo., and we will advertise it before 30,000 buyers and sellers and send you a copy of the paper.

**DONT COME TO VIRGINIA!** 500 Special Bargains in Farms. Northern farmers send for new catalog. Learn about this country. Southside Realty Co., Inc., (Successors to Percival Bros.) Petersburg, Virginia.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 140 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**TO EXCHANGE:** Good 640-acre farm in Wilkin county, Minn.; 468 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

Cruickshank Mysle, Knight Commander 263720, son of March Knight, the head herd bull at Meadow Lawn, will stand at the front. A winner of four firsts as a calf, including the International, and head of the winning calf herd last fall, he should command especial attention. But little behind him will come Nonpareil Victor 2d 258255. Here is a straight Lovely out of Imp. Lovely Maid 2d that, as a show bull, will be hard to beat, and be should find a place in one of the best herds. Fair Knight 262490, sired by March Knight out of Fairplay 6th, and a winner of International honors, is another good one. Red in color, short legged and beefy, he is a splendid individual. Nonpareil Knight 2d 263205, by March Knight and out of Imp. Dalmeny Nonpareil 3d, is a bull of excellent quality and very desirable. The Cruickshank Venus, Pittville's Nonpareil 258256 by Nonpareil Stamp, out of Imp. Pittville Caroline, is a beautiful roan that in breeding and conformation leaves little to be desired. The grand champion, Whiteball Sultan, has one son in this sale, Whitehall's Stamp 263208, out of Lancaster of Glencoe, a straight Cruickshank cow, sired by Imp. Matabele Chief, that will also be included in this sale. He should be regarded with much favor. The remaining bulls by Nonpareil's Stamp, Bapton Hero and March Knight are so good that any breeder will be fortunate if he can secure one of them. In our issue of next week attention will be called to the high quality and desirability of the cows and heifers in this offering. In the meantime do not fail to write for a catalog of the sale. It is finely printed with illustrations of many of the individuals and descriptions that will give detailed information regarding their points of superiority. Kindly mention The Homestead and address Mr. N. P. Clarke, manager, St. Cloud, Minn.

## BEFORE COMING TO WASHINGTON IDAHO OR OREGON LOOK UP

## LEWISTON-CLARKSTON

Unusually Low Railroad Rates in March and April. Mild climate; superb scenery; fine hunting and fishing; rich farms, orchards, gardens; immense yields of grains, grasses, apples, peaches, grapes, melons, berries; live stock, dairying, poultry; mines, timber. Five new railroads. Growing cities. Head of all-year navigation from Pacific Ocean. Manufacturing and jobbing. Investment opportunities. Good schools and churches. For free information write today to Department D. LEWISTON-CLARKSTON BUREAU, Lewiston, Idaho

## CALIFORNIA IRRIGATED FARMS

TEN, twenty and forty-acre tracts, from \$35 to \$100 an acre; terms, one-sixth cash, balance in five years. Rich, black sediment soil. Every fruit and vegetable yields enormous returns. Free water rights. Perfect title. Excursion rates from all points east after March 1. Write for illustrated booklet. F. E. Robinson & Co., Dept. G, 216 Pacific Electric Bldg., Los Angeles, Cal.

## CHOICEST

## Western Canada Farm Lands

ELEVEN thousand acres personally picked in small parcels out of 300,000 acres—all number one—well settled districts near main lines railways. Easy terms of payments. Address,

## MONTAGUE LAND &amp; SECURITIES CO.,

301 Kennedy Block, Portage Ave., Winnipeg, Canada

## EASTERN WYOMING RANCH

TWELVE thousand acres, join the main line of the U. P. R. R. well improved; two sets of improvements in good repair and a stream of water passes through two miles of this place. If you want to use it for a ranch, it's hard to beat; if you want to speculate, here is your chance. More than fifty thousand acres of table lands has sold to farmers from Iowa, Illinois and Missouri, and they are moving into this country fast. Address,

## O'KEEFE REAL ESTATE CO.,

1001 N. Y. L. Bldg., Omaha, Neb.

## Canada Wheat Lands.

PARADISE VALLEY, Northern Alberta, the finest farming country in the world; wheat runs 50 bushels, oats 100 bushels to the acre; cattle shipped last June averaged 1,600 lbs., fattened on grass. Beautiful park country with clump of trees, mostly open prairie, gently rolling, lakes of good water, ample rainfall; deep black loam topsoil, clay subsoil. A few good agents wanted. \$10 to \$14 per acre, easy payments. Write for maps and route to W. T. Stevens, Manager Paradise Valley Land Co., 214 Endicott Bldg., St. Paul, Minn.

## MR. RENTER

STOP MOVING. Buy a farm in St. Louis County, Minn., on terms easier than renting and settle down. Good agricultural land at reasonable prices and easiest terms offered. For full information address Land Commissioner D. & L. E. R. Co., 525 Wolvin Bldg., Duluth, Minn.

**FOR SALE OR EXCHANGE:** 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

**TO EXCHANGE:** Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 143, Independence, Iowa.

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MERRIS, Chillicothe, Missouri.

**FOR SALE** or trade 60 acres of good corn land. What have you to offer? Prefer southern Missouri land. S. W. Allen, Bethany, Harrison Co., Mo.

IF YOU WANT WHAT YOU WANT WHEN YOU WANT IT

ALWAYS KEEP A BOTTLE OF

# ST. JACOBS OIL

IN THE HOUSE AND YOU WILL HAVE A QUICK, SAFE AND SURE REMEDY FOR PAIN WHERE YOU CAN GET AT IT WHEN NEEDED.

PRICE 25c AND 50c



# LANDS AND HOMES FOR SALE



## No Live Stock Diseases

**I**N ALBERTA, Canada there are no live stock diseases such as hog cholera, black leg, scabies or other contagious or infectious animal plagues.

If you are a farmer you know what a difference it would make in your annual profits if you did not have to take losses of live stock from disease into consideration.

Sunny Southern Alberta is the finest stock country on earth because cattle, hogs and sheep can be produced cheaper there than anywhere else, and because there is a good market right at the door of the stock raiser.

Since the great Canadian Pacific irrigation project has been started the farmer who likes diversified farming will find a paradise in Alberta as he can raise all kinds of live stock at the lowest cost and he can produce practically all kinds of cereals and vegetable crops at the same time his live stock is growing and developing.

On the great Canadian Pacific irrigation tract hundreds of farms have been laid out a portion of which are under irrigation and a portion of which can be devoted to the live stock industry—In other words you

can buy a natural range for live stock which produces the finest grass to be found anywhere and you can raise on another portion of your farm forage crops for winter feed, sugar beets, wheat, oats or any other vegetable or cereal, you desire to cultivate.

If you desire to engage in the dairy business you will find conditions perfect in Alberta—The government operates the dairies and pays the farmer for his cream every cent there is in it, simply retaining enough to operate the dairies and to pay for the cost of marketing the butter.

Of course, if the farmer desires to make and market his own butter he is at perfect liberty to do so, but the government can make it and market it at better prices and at lower cost than the farmer possibly can and the additional profit goes to the man that milks the cows.

Land can now be bought at prices so low and on terms so easy that no man should be without a farm. If you want to know how to see Alberta at the least possible cost, and how to secure lands that will make you independent in two or three years we will be glad to tell you—Write for full information to

CANADIAN PACIFIC IRRIGATION COLONIZATION CO., Ltd.

71 NINTH AVENUE, WEST.

CALGARY, ALBERTA, CANADA.

Sales Department, Canadian Pacific Railway Irrigated Lands.

## Canadian Government FREE FARMS

160 ACRE FARMS IN WESTERN CANADA FREE

OVER 200,000 American farmers who have settled in Canada during the past few years, testify to the fact that Canada is beyond question the greatest farming land in the world.

### Over Ninety Million Bushels of Wheat

from the harvest of 1906 means good money to the farmers of Western Canada, when the world has to be fed. Cattle Raising, Dairying and Mixed Farming are also profitable callings. Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low. For literature and information address the Superintendent of Immigration

Ottawa, Canada, or the authorized Canadian Government Agent W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 315 Jackson St., St. Paul, Minn.

## Would You Believe It

if we should tell you, we can sell you just as good land in Sunny Southern Alberta, Canada, for \$9 to \$16 per acre, as your land in Iowa, Illinois, Ohio or Indiana, which you can sell for \$100 per acre? Go on one of our excursions this month and we will prove it to you! Write for our booklet on Canada with maps, etc.

**THE O. W. KERR CO.,**

Nicollet Ave., Cor. 3rd, MINNEAPOLIS, MINN.

## SELL YOUR FARM

If you want to buy, sell or exchange a farm, home or business, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.

Real Estate Salesman Co. 412 Grace Bk. Lincoln, Nebraska

CALIFORNIA Irrigated Farms only \$250 cash. Big Govt. Aided Canal. Write today Wooster 1666 O'Farrell St., San Francisco.

## MILD WINTER

Protected by great hills and warmed by almost perpetual sunshine, Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston (pop. 12,000) is the commercial and transportation center for an immensely productive fruit, grain, timber & mining territory. Write today for detailed and authentic information about new fruit and vine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soil as fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity? Address DEVELOPMENT LEAGUE, at either LEWISTON, IDAHO or CLARKSTON, WASH. Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

## LEWISTON-CLARKSTON

IDAHO WASHINGTON "The Gateway of the Pacific Northwest"



**LET ME SELL**

YOUR FARM, HOME OR BUSINESS. No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

**GLENN REALTY CO.**

16 Gumbel Building, KANSAS CITY, MO.

## LAND OF SUNSHINE:

Irrigated lands produce \$50 to \$150 per acre in Alfalfa seed, \$200 to \$1,000 per acre in fruit. Sold on easy terms. Will cultivate and place you on crop bearing lands. Perpetual winter. Write for our booklet.

**UTAH COLONIZATION CO.,**

607 Pioneer Press Bldg., St. Paul, Minn.

## Only Two Farms Left

600 ACRES } Cedar Co., Missouri.  
800 ACRES }

EITHER of these places at \$20 per acre, 1/2 cash balance 5 years, 6 per cent interest. Write for particulars. Good grain and stock farms.

**GEO. H. GALLUP,**

1420 Grand Ave., Kansas City, Mo.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**\$300 to \$500 an Acre Yearly Net Profit!**

from land costing but \$25 per acre.

That is what they are doing in the Texas Gulf Coast Country. It's easy there, because this land yields double crops—every month is a producing month—a money-making month.

Think of it! \$500 per acre in cabbage—\$600 per acre in onions—\$400 per acre in mid-winter tomatoes. These and many actual every-day accomplishments in fruit culture also, can be proved to you. I can give you the names and addresses of people who are doing these things while you are reading this advertisement and the snow and cold weather are keeping you idle.

### Warm, Dry Climate,

the healthiest in the country. Irrigated land—the kind you can buy now at \$25 per acre—is the richest in productiveness. The railroad facilities will place your products in the markets ahead of every other section of the country. Health and prosperity await you.

### The Winter Vegetable Garden of America



Let me send you an 80-page illustrated book about the Texas Gulf Coast Country, and tell you about the very low excursion rates for inspection trips.

Save this ad and write me TODAY. Sixteen carloads of people went down on our excursion of January 15th. ACT NOW.

**JOHN SEBASTIAN, Pass'r Traffic Mgr.**

Room 14 La Salle Sta. (Room 14 Frisco Bldg.) CHICAGO. ST. LOUIS.

**ROCK ISLAND-FRISCO LINES**  
CHICAGO & EASTERN ILLINOIS R. R.

DO YOU KNOW THAT UNCLE SAM PRODUCES 80% OF THE WORLD'S SUPPLY OF CORN? DO YOU KNOW THAT YOU CAN BUY GOOD CORN LAND CHEAPER TO-DAY IN SOUTH DAKOTA, THAN ANY OTHER CORN PRODUCING STATE IN UNCLE SAM'S DOMAIN?

## FARMERS! INVESTORS! STOCKMEN.

Before buying lands investigate South-Eastern South Dakota, where good lands may be obtained at \$18.00 per acre and up, according to location and improvements. We are 175 miles south of the southern boundary line of North Dakota and east of the 99th Meridian W. Longitude, where climatic conditions and rain fall are both favorable to the profitable production of Corn, Red Clover and Small Grains. Our soil is a Black Vegetable Mould 24 to 36 inches deep (Mississippi valley formation), with a clay sub-soil.—Write us today for descriptive literature, crop reports (issued by the State), and big land list.

**BIG SIOUX VALLEY LAND CO. (Ltd.)**

Ramsey Bldg., Sioux Falls, S. D.

## FERTILE CHEAP LAND JUST EAST OF DENVER.

No climate like Colorado. Sub-irrigated land equal to irrigated at from \$10.00 to \$25.00 per acre. In Denver's back yard. No other location offers such opportunities. Write us for particulars.

**NEXT EXCURSION MARCH 19th.**

**The W. F. Shelton Land Agency, 215 Sheidley Bldg., Kansas City, Mo.**

**HAVE YOU SEEN SMITH?** W. F. SMITH REALTY CO., OF KEARNEY, NEB. WE SELL THE EARTH Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. KEARNEY, NEBRASKA

## THE MILD CLIMATE IN VIRGINIA

OFFERS SPLENDID opportunities for farming, stock raising, fruit growing and general farming. Winters are mild and short. Climate healthful. Markets near. Lands are advancing. Write for information to

**G. W. KOINER,**  
Commissioner of Agriculture, VIRGINIA  
RICHMOND,



Homeseeker, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Mende, Kansas.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

## CORN, STOCK

**AND DAIRY LANDS.** We have purchased some selected farming lands in Faulk and adjoining counties in South Dakota. We are offering lands there at from \$15.00 to \$25.00 per acre on reasonable terms; also good improved farms in Minnesota and Iowa at low prices and reasonable terms. If you are interested write us and we shall be glad to give you full information. No trades. A few good, reliable agents wanted.  
**E. M. KIERON LAND COMPANY,**  
311-313 Nicollet Ave., Minneapolis, Minn.

## VIRGINIA Welcomes the Northern Homeseeker

No other State offers such opportunities. The climate is mild and healthy, the soil is rich and a little money will purchase a fine place with good buildings and every convenience. Write us. We will answer all questions. You'll wonder why you never investigated us before.  
**C. M. BERGH'S SONS & GARDE,**  
1439 Main St., Richmond, Va.



## ADDITIONAL FIELD NOTES.

## LAST CALL FOR WHITE BROS.' ABERDEEN ANGUS SALE.

Few Aberdeen Angus sales this year will offer a better lot of cattle than will be sold in the dispersion sale of Messrs. White Bros., at Perry, Iowa, on Tuesday, March 19th. Everything will be sold from herd bulls down to the youngest things on the farm. All their imported cows and their descendants go, and among these are some of the most noted and popular families of the breed. This sale has been brought about to close a partnership. One member of the firm having moved away and the others not desiring to carry on the herd alone, they decided to close out. They are selling sixty head, and fourteen of these are bulls. Their catalog reveals some of the richest breeding of the Angus breed. Of late years this firm purchased only the tops, and such families as Blackbird, Pride, Erica, Lavender, Queen Mother and other well-known tribes are found very liberally distributed through the catalog. Among the most-choicely bred females are Imp. Entoria of the Dell, a richly-bred Trojan Erica; Imp. Kate 2d of Tullnally, a richly-bred K. Pride and one of the best of the Pride of Aberdeen family; Imp. Lavender 11th of Tullnally, a descendant of one of the most noted show families in both Scotland and Ireland, and their descendants. Besides these there will be found some royally-bred Blackbirds, Erica and other well-known and popular Aberdeen Angus families that have won their way to the front in the most hotly-contested show rings in this country. Another richly-bred cow is Blackbird Elciper of Glen Lea, a four-year-old Blackbird cow, and a daughter of Imp. Leander of Dalmeny, imported in 1900 by Messrs. Chas. Escher & Son. Her dam is Blackbird Elciper by the noted Moon Elciper, and her second dam is by the great Young Wellington. She is a very smooth cow and has been one of the best matrons in the herd. Two of her daughters will also be in the sale, one by the noted show bull, Bamboo 38965, the other by Prince of Pilsen 59249. Home Dale Queenan is a four-year-old Blackbird Topped Queen Mother, and a better one will not be offered for sale this year. She is the dam of the young Queen Mother bull in the sale. There are quite a few of these Lavender heifers in the sale, and here is a family that the best breeders should go after. The strain of Angus cattle have been noted for their show yard success in both Scotland and Ireland, but very few have been imported to this country. There are a number of Ericas in the sale, and these are all descendants of the most noted prize winners. Besides these are some splendid Isabellas, Waterside Bessies, Georgianas and other good families. Among the bull offering will be their splendid Pride bull, Prince of Pilsen 59249. Here is a bull that has done them more good than any bull they have ever owned. As a breeding bull he has few equals in the state, and as an individual he will compare very favorably with any other bull in the West. He has never been fitted for show, but has been used solely for breeding purposes. There will go through the sale ring on that day a string of young heifers and young bulls that will prove all we have said about him as a breeder of high-class Angus cattle. Anyone wanting a good bull had better buy him. Among the younger bulls will be a K. Pride,

a Lavender, an Erica and several others of the old reliable families. These bulls have been well cared for and will make good herd bulls. It is an offering of Angus cattle that is seldom put up at public sale, and were it not that Messrs. White are quitting the business, many of these would never be sold. If you are interested in good Angus cattle send for a copy of their catalog and then attend the sale. Perry, Iowa, is about forty miles northwest of Des Moines and can be easily reached from all points.

## A CHOICE BULL CATALOG.

Messrs. Owens Bros., of Homestead, Iowa, prominent breeders of Scotch Short-horn cattle, have just issued a private sale catalog of the bulls in their herd that are now old enough for service. It contains the pedigrees of fifteen bulls that from a Cruickshank standpoint cannot be excelled. This firm have been in the business for a number of years and succeeded their father, Mr. R. E. Owens, one of the most prominent breeders of Short-horn cattle in America. They have not made a public sale since their memorable sale of 100 head at Newton, Iowa, in 1905. No. 1 of their bull catalog is Royal Marshal. This is a bull that now weighs about a ton, was calved Nov. 10, 1902, got by Field Marshal and out of Pro Narcissus by Imp. Pro Consul, she out of Imp. Narcissus by Barmpton. This bull was bred by Messrs. Cookson Bros. and has been successfully used by Messrs. Owens Bros. Lot 2 is a beautiful red bull, Baron Secret 2d. He is a very growthy fellow, was sired by the great herd bull, Baron Kear 2d and belongs to the Cruickshank Secret tribe. Lot 3 is the Queen of Beauty, called Golden Banner 2d. He was sired by Baron Kear 2d, also. This is a short-legged, thick bull, with good top and bottom lines and comes of a family that has perhaps done this herd as much good as any other family they ever owned. Baron Lavender 4th is No. 4. He is a dark red and as his name indicates, belongs to the famous Cruickshank Lavender family. He was also by Baron Kear 2d. The other families represented are Butterflies, Narcissus and Dorothy, with one or two American-bred sorts. Messrs. Owens Bros. make a specialty of high-class Scotch herd bulls, and while not desirous of parting with any females at this time, they might spare one or two in connection with the purchase of a young bull. Their announcement appears on page 36 and the location is on the main line of the Rock Island between Iowa City and Des Moines.

## CHOICE HEREFORD BULLS FOR SALE.

On page 35 will be found the new announcement of Messrs. C. W. Way & Son, of New Sharon, Iowa, breeders of the choicest strains of Hereford cattle. A Homestead representative last week visited Messrs. Way & Son and inspected their herd, which is now in the best condition, from every point of view, that it has ever attained. The eight young bulls that they are offering are all by their superior bull, Beau Brummel 4th. This bull is as well bred in Anxiety 4th lines as any Hereford bull living. He was bred by Messrs. Gudgell & Simpson, calved November 21, 1903. His picture appears in the advertisement on page 35. This bull was good enough to win first at the Iowa State Fair in the Iowa class, 1906. We know of no herd outside of the Beau Donald herd, where the use of a single bull has made such a marked improvement. Quite recently the Gudgell & Simpson herd was visited again by these enterprising breeders and two splendid heifers, rich in the blood of Lamplighter, were secured, to further strengthen the Way herd. One of these was Bright Countess 5th, she by Paladin, he by Lamplighter. This heifer was out of a daughter of Beau Brummel and was calved June 3, 1905. Her companion is Bonnie Lucy 6th, a daughter of Beau President and he by Beau Brummel. Her dam was Bonnie Lucy 4th, she by old Lamplighter himself. This heifer was dropped November 25, 1905. This pair of Lamplighter heifers, added to the Printer cows already on hand, is certainly building up Messrs. Way's herd in identically the same lines that has made the Gudgell & Simpson herd famous. In addition to the eight young bulls offered by Messrs. Way & Son, whose ages run from six to fourteen months, a choice lot of cows and heifers including some yearling heifers, is offered for sale. Prices on this stock are within keeping with the quality. Few men come to the farm to inspect the herd without pur-

chasing something. The day of The Homestead representative's visit a gentleman from Northwood, Iowa, and a Homestead reader, was present and purchased a cow just ready to drop a calf, and a beautiful yearling heifer. These were the first pure-breds owned by this gentleman, and we predict that the appetite for more will increase as he watches the development of these. The new four-inch announcement of Messrs. Way & Son will be found on page 35.

## DISPERSION SALE OF ONE OF AMERICA'S GREATEST HERDS OF HEREFORDS.

On Thursday, April 4th, in the fine stock pavilion at Kansas City, Mo., Mr. W. G. Swinney, of Bois D'Arc, Mo., will sell his entire herd of Herefords. No sale of pure-bred cattle of like quality and of as good breeding has been held since the dispersion of the Teho Lawn herd of Short-horns. True, Mr. Swinney's cattle have not been brought before the people of America by use of the show ring and of any amount of printer's ink, yet the cattle are there and when the Clover Leaf herd is dispersed it will mark the passing of one of America's greatest herds of Hereford cattle. Mr. Swinney founded this herd some ten years ago, buying the best, and that no mistakes were made is best proven by a careful inspection of the herd. The blood lines throughout Mr. Swinney's herd stands as solid to the Hereford world as does the Rock of Gibraltar to the coast of Spain. We shall not attempt to take up the past history of the herd, but deal with the cattle and the various individuals that go to make this great herd, as the writer saw them last week "Uncle Dan" Beardslee, who has few superiors as a herdsman, first took us to see the herd 'bull, Brigadier, that has been in service at Clover Leaf since 1901. Brigadier was got by Lamplighter, the Gudgell & Simpson bull that has furnished the Hereford world with so much good stuff. Lamplighter was got by Don Carlos and out of a North Pole dam. Brigadier's dam, Bright Duchess 11th, was an Anxiety-bred cow, thus making Brigadier a line-bred Anxiety. In 1901, the same year Dale was champion, Brigadier was junior champion. He is a bull that has not gone back, but on the contrary has improved. In his seven-year-old, breeding form he weighs right at 2,400 pounds and is as smooth as the smoothest yearling. A better head and horn is rarely, if ever, found, the horns having the desired droop and the eye the brightness of a youngster. From end to end Brigadier is covered with an absolutely perfect coating of mellow flesh—few bulls have the same covering over hip bones as has Brigadier. Over crops and loin he is perfect, through the heart and lower front flank he has no superiors, his hams are full and rounding and he will measure as much around the rear flank as around the heart. A better set of legs better placed, with the bone, cannot be found, and the best thing the writer could see around Clover Leaf Farm was the evidence of Brigadier's ability to transmit these qualities to his get. He goes in the sale and fully half the offering are his get. The man who will buy Brigadier will find he has a herd bull second to none and one that is as sure as they are found. The second herd bull at Clover Leaf Farm is Dale Jr., a three-year-old got by the champion, Dale, and out of Miss Zenobia, a Java cow that sold to Mr. Jesse Adams for \$2,000 and later resold for \$5,000. At five months of age Dale Jr. cost Mr. Swinney \$1,500. He has proven the best breeding son of the great Dale and the best young bull that goes in the sale is his son, Recorder. These are but three of the eighteen bulls that go in Mr. Swinney's dispersion. Breeders, as well as ranchmen, will find much good material here. There are listed forty-eight females, among which are nineteen cows with calves at foot, and all but possibly two or three rebred to one of the herd bulls. One of the greatest features of this sale is the number of daughters of Beau Brummel that Mr. Swinney sells. They are the kind so much sought after and every one sells with calf at foot. These are not old, worn-out cows, but are grand individuals just rounding out into their best form, four, five, six and seven years old. There will also be daughters of old St. Louis, Juryman, Meadow Lad and a great lot by Brigadier. A finer lot of broad-backed cows that are great producers and cows that have made Mr. Swinney big money will not again soon be driven through a sale ring. In all, sixty-six lots go in the sale. Eighteen are bulls and forty-eight are females. Every Homestead reader who is in the market for high-class Herefords, every one of which sells without protection, should arrange to attend this sale, as it is an absolute dispersion and the best of the best go at your price. Write Mr. Swinney at once for catalog so that you may study the blood lines, and kindly mention The Homestead when doing so. The advertisement will be found on page 32.

## LAKEWOOD'S NINTH SALE OF PERCHERON STALLIONS AND MARES.

On March 20th will occur a very important sale of registered Percheron stallions and mares, the property of the Hon. H. G. McMillan, of Rock Rapids, Iowa. It has been the aim of Mr. McMillan, from time to time, in presenting these annual offerings, to make each one superior to its predecessor. There is, however, a limit to this and when the December, 1906, offering was made it was thought by some that the acme of perfection had been reached. However, conditions have brought about a surprise even to Mr. McMillan himself; at least twenty of his best mares that had been intended for the December sale were found too thin in flesh to be put into that sale, owing to the fact that they had been suckling colts late into the fall. Very reluctantly these mares, with a number of other choice ones that had been bred and retained at Lakewood for private use, are now slated for this sale. Also an exceptional bunch of yearling stallions and fillies that had not been intended for sale until a year hence, but owing to the demand on Mr. McMillan by some of his friends to make another sale this spring, he has found himself forced to draw on the reserve herd for a considerable portion of this offering that he had not intended to sell. The twenty choice young stallions that he had reserved and was fitting for sale at private treaty are also listed in this sale. In private conversation with Mr. McMillan recently he told the writer that these twenty

## ATTENTION

## CATARRH SPECIALIST SPROULE

Offers Every Reader of this Paper a Free Treatment for Catarrh

The above is the remarkably generous, yet true, offer of Catarrh Specialist Sproule, a man who has probably cured more sufferers from catarrh than anyone living; a man who counts his cured patients by the thousands. He will give to any reader of this paper who is afflicted with catarrh, his great three-fold treatment absolutely free of charge.

For twenty years this famous specialist has been curing catarrh. He wants to stamp out this great scourge; he wants to prove that catarrh can be cured, absolutely and permanently.

Don't suffer any longer; don't be a splitting, hawking, foul-breath nuisance to your friends and all you meet; don't take chances of filling a consumptive's grave. Start getting cured by sending for the treatment today.

Don't let this chance slip by you; you will regret it all your life if you do. Send a postal or write today for this great three-fold treatment, and see how much this noble and generous-hearted specialist is willing to give you for nothing.

Address: Catarrh Specialist Sproule, 475 Trade Building, Boston, Mass.

young stallions were in his mind the superior of any like number that he had ever owned, and as his private sales have invariably ruled very much higher than the public sales, he is certainly taking some chances in consigning this class of stallions to the auction ring. There are fourteen exceptionally well-bred weanling colts. In order to further make this offering attractive, two imported stallions are listed. It was a matter of much comment at Mr. McMillan's December sale that the quality of that offering was a most excellent one, and we predict that those who attend the March 20th sale will be fully convinced that they have never seen a better offering than will be made on this date. Among the stallions and fillies offered are a goodly number sired by the great prize-winning stallion, Calypso, and practically all of the mares of breeding age are either bred to Calypso or the champion stallion, Olbert. Among the matured stallions offered, aside from the imported ones, are some first-class horses suitable to go into any community and give satisfaction. There are also a number of two and three-year-old stallions that weigh from 1,700 to 1,900 pounds. One of the notable features in the McMillan sales has always been the fact that every known defect was pointed out on day of sale, and where anything was overlooked, Mr. McMillan has always cheerfully made matters right. Further, his auction sales have always been absolutely on the square. If a single bid was made on an animal in his sales, and it was not raised, the bidder got the animal. The public have learned that when Mr. H. G. McMillan announces a public sale every animal offered will be sold without reserve. If a single bid is made. These horses will all be at the Sioux City stock yards sale pavilion some three or four days prior to the sale, so that parties who desire to look the stock over carefully at their leisure will be afforded this opportunity. A certificate of pedigree will be furnished with every animal sold and a written guarantee given that every stallion sold is a breeder. All mares and fillies that have been bred are believed to be safe in foal, but should, perchance, any not be so, they can be returned free of charge and bred either to Calypso, Olbert or any other stallion on the farm. Mr. McMillan has provided two clerks and two assistants for this sale, so that any purchaser of stock who cannot remain until the end of the sale can settle for his purchase, give shipping directions and leave at any time. It would be superfluous for us at this time to reproduce the prominent winnings from Lakewood Farm during the years 1905-6. The Homestead reproduced these in full in December; however, it is sufficient to say that at the Iowa and Minnesota State Fairs, at Sioux City Interstate Fair and at the International at Chicago, more prizes were won by Lakewood than by any other establishment in America. At the International alone in 1906 twenty-six prizes were won by Lakewood. Eleven firsts and championships are included in this number. In 1905, seventy-one prizes were won by this breeding establishment, and in 1906 at the three fairs previously mentioned, and not including the International, fifty-five prizes were captured by Lakewood. The beautiful sale catalog is now out and ready to mail to all intending purchasers. Lots 1 and 2 of sale catalog are the imported stallions previously referred to. There will be included in the sale thirty stallions and forty-four mares and fillies. For the first time Mr. McMillan has decided to let a lot of exceptionally choice bred and choice individual yearling fillies go to the public, on the presumption that many buyers would like to have a registered mare and grow it up to suit their own tastes. Besides this, the yearlings, of course, will not bring as much money per head as do the matured mares. Hence those who have more limited means can in this way start with a very high-class foundation and by waiting a little be in position to have as good as the best. It should be remembered also that Mr. H. G. McMillan is president of the Percheron Association of America, and is a man whose character and credit in the breeding world stand as high as any other man's in America. Financially and otherwise he is able to make good every guaranty and stands ready to do it cheerfully. These are points worthy of consideration by prospective buyers who wish to forestall any future trouble. The Homestead can heartily recommend not only this offering as a superior one, but the proprietor himself as being a safe man with whom to deal. Remember the date, March 20th. See advertisement on page 38.



A low wagon at a low price. Handy for the farmer. Will carry a load anywhere a horse can travel.

**Low Down Wagons**  
soon earn their cost on any farm.

**Steel Wheels**

for farm wagons. Straight or staggered spokes. Any size wanted, any width of tire. Hubs to fit any axle. For catalogue and prices, write to Empire Mfg. Co., Box 103 H Quincy, Ill.



**Bushnell**

TONGUED AND GROOVED

**A Tank It Pays to Buy**

Don't confound the "Bushnell Pump Co.'s" tank with other tanks. The Bushnell is in a class by itself. Here are some of the reasons:  
Big, thick staves that are made to fit from edge to edge all the way down. Machinery makes every joint perfect. Lumber especially selected for tank purposes, not cast-off pieces from furniture and other factories. Every Bushnell tank tongued and grooved. We're ready with the machinery to do it right. Other tank builders do it just occasionally "to meet Bushnell Pump Co. competition" doing it then as best they can. Strong, heavy steel hoops. We give them to you round or flat. Adjustable patent tank lugs; look at the picture and you'll see what we mean. You can always keep your tank booped up snug and tight. Galvanized hoops when wanted. Tank lasts a lifetime.

We can give you any size you want—2 to 16 feet high, 4 to 16 feet in diameter. Capacity from 5 to 760 barrels.

Don't forget the long line of Bushnell Wood and Iron Pumps, Steel Tanks, Iron Pipe Fittings and general line of Steam and Well Supplies. Write for descriptive matter. If your dealer does not have our goods in stock, send us his name and address.

**THE BUSHNELL PUMP COMPANY, Dept. C, Bushnell, Ill.**



# BUY DOUBLE EAGLE NOW

**Just Think  
Of It ! ! ! !**

You can purchase stock in a fully developed and equipped mining property at the low rate of 10c per share. Assays from \$44.20 to \$8,261 per ton and over \$5,000,000 worth of ore blocked out and lying on the ore dumps. Write for High Art Prospectus Today.

**10 CENTS  
Per  
Share**

## GOLD! SILVER! IN GREAT ABUNDANCE

**The Famous Double Eagle Gold Mining Co.** There are a few good mining enterprises. This is one. -- We invite your investigation. --

Read this advertisement very carefully, IT MAY MEAN FORTUNE TO YOU

### Announcement

#### Extraordinary

The Double Eagle Gold Mining Company, incorporated under the laws of Colorado for \$3,000,000, divided into 3,000,000 absolutely non-assessable shares.

#### PROPERTY.

The property of the Company is located in Bridal Veil Basin, near the city of Telluride, and right in the very heart of the rich gold and silver bearing district of San Miguel County, Colorado.

It consists of twelve very rich claims and three mill-sites, and comprises about 130 acres. The Company owns this property in fee simple, and there is no incumbrance or indebtedness on same.

Immediately surrounding this Company's property are the famous Smuggler Union, Liberty Bell, Tomboy, Nellie and Camp Bird mines.

These companies earned upwards of \$4,500,000 last year. The Double Eagle property is more advantageously situated, and its ores assay far greater values than any of the foregoing companies.

#### PRESENT EQUIPMENT.

The company has erected on its property one fully equipped mill with a capacity of ten tons daily, a blacksmith shop, a machine shop, power house and dynamo room, a bunk house, assay office and laboratory and other minor buildings, all fully equipped. The machinery and buildings are all in splendid condition, and as good as when installed.

#### WATER POWER.

Within 150 feet of the mill runs Bridal Veil Creek, and this stream has been utilized by this Company to provide about 80 horse power. A turbine has been installed which gives us sufficient power for all present needs. One hundred horse power more can be generated on our water rights. We have no expensive fuels costs.

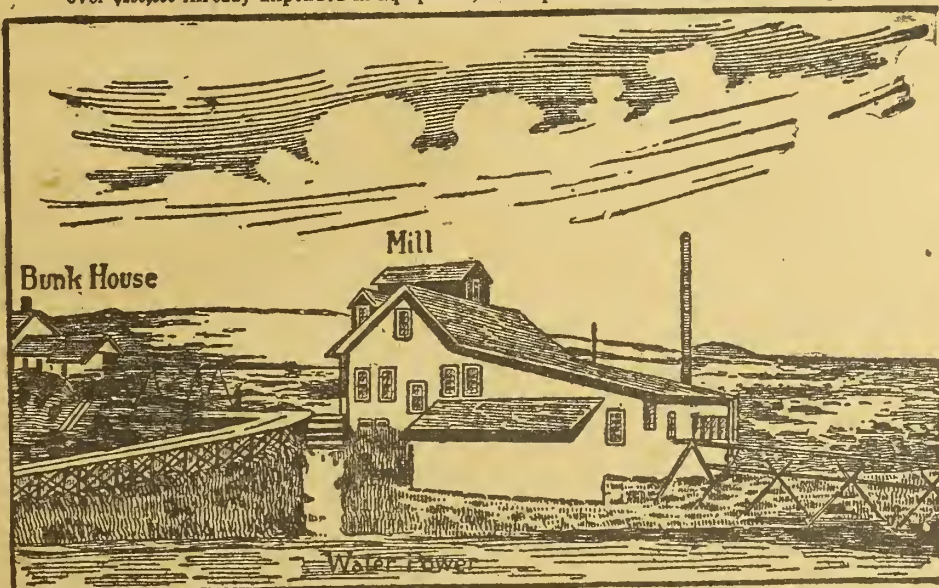
#### DEVELOPMENT.

The various claims of the Double Eagle Group have been opened up in eight different locations, and to date work has been done, as a result of which there is now upward of 3,000 feet of tunneling, drifts, cross-cuts, winzes and up-raises. These cuttings, crosscuts and drift upon eight true fissure veins from four and a half to twelve feet wide.

#### VALUE OF ORE DEPOSITS.

Assays and smelter tests show that the average value of the Double Eagle ores are upwards of \$60.00 per ton. Assays show from \$44.00 to \$8,261.00 gold and silver values per ton. The Company has now over 150,000 tons of this high grade ore blocked out, and also about 140,000 tons of low grade ore, averaging about \$10.00 per ton, lying on the dumps; only awaiting increased facilities to be turned into cash.

Over \$200,000 Already Expended in Equipment, Development and Purchase of this Property.



This Company owns its property outright. Not a prospect, but a thoroughly developed and equipped mine.

This Developed Mining Property Is Located in the Heart of Colorado's Richest District THE COMPANY'S OFFER.

This Company now offers to the public its treasury stock at ten cents (10c.) per share. This is an unparalleled offer. Seldom, if ever, is the opportunity presented of purchasing stocks in a property of this character at this low price. The price of this stock will advance to fifteen cents in a very short time.

**THE COMPANY'S PURPOSE** Is to increase the mill capacity to 200 tons per day; to install a 200 ton cyanide plant; to install aerial tramways; to equip the shafts with electric hoists; to increase the water power; to continue underground development, and to purchase other very rich claims on which the company now has option. It is to accomplish the foregoing that the Company is placing on the market 1,000,000 shares of its treasury stock.

#### ESTIMATED EARNINGS.

This company confidently expects to pay dividends of at least 30 per cent annually. This means that at ten cents per share your investment will earn you 300 per cent, and that each share you now pay ten cents for will then be worth \$2.00, i. e., \$25.00 will buy 250 shares. Thirty per cent dividends on 250 shares will net you \$75.00 per year; in addition your stock will probably be worth \$500.00 on the market. Just think what \$1,000 will do, if invested in this stock.

#### THE COMPANY'S OFFICERS.

Pres., J. H. HARRINGTON, of the Harrington-McCormick Commission Co., Kansas City, Mo.

Vice Pres., WM. PEET, President of Peet Bros. Soap Co., Kansas City, Mo. Sec. and Treas., C. C. COURTNEY, State Agent of the Mutual Benefit Life Insurance Co., Kansas City, Mo.

#### DIRECTORS.

HARRY HALDEMAN, of the Sonora Chief Mining Company... Kansas City, Mo.  
J. T. GOODELL, Cudahy Packing Company... Kansas City, Mo.  
E. E. TOMLINSON, Traffic Manager, Swift & Co... Chicago, Illinois  
Z. F. CRIDER, Crider Bros. Com. Co... Kansas City, Mo.  
J. H. KETNER, Prop. Hotel Washington... Kansas City, Mo.  
J. LINDERMAN, Farmer and Real Estate... Kansas City, Mo.

#### REFERENCES

The foregoing gentlemen earnestly urge you to inquire of ANY BANK IN KANSAS CITY, MO., or any MERCANTILE AGENCY, as to their character and high standing. They are men of the very highest integrity and are trusted and respected business men of Kansas City.

F. C. VINCENT, Fiscal Agent, Suite 410 Gibraltar Bldg., KANSAS CITY, MO.

### THIS STOCK WILL ADVANCE TO 15 CENTS PER SHARE SHORTLY

The Double Eagle Co. has already spent over \$200,000 in Development and Equipment of its 12 rich Claims.

If you PURCHASE DOUBLE EAGLE NOW you permanently increase your income. Bear in mind that this is a Developed Industry and not in any respect a prospect. It costs you nothing to inquire. Cut out the coupon, mail today.

### Our Guarantee

#### This is Important

This Company will repurchase from any stockholder any stock purchased by him (from the Fiscal Agent of this company) in the Double Eagle Gold Mining Co. after one year from date of purchase of said stock, and will pay said purchaser 10 per cent over and above the price paid by said purchaser for said stock.

This protects your investment. This guarantee is backed by over \$200,000 assets.

### IMPORTANT!

The Famous Camp Bird, Liberty Bell, Tom Boy and Smuggler Union Mines are in the same district as The Double Eagle Mines. All have paid millions of dollars per year to their stockholders and none have stock for sale. The Double Eagle is as good, if not better, than any of the aforementioned properties.

San Miguel County, in which The Double Eagle is situated, produced over \$4,000,000 in precious metals in 1906.

#### Price of stock on monthly payment Plan.

\$10.00 buys 100 shares, \$2.00 down  
\$2.00 per month.  
\$20.00 buys 200 shares, \$4.00 down,  
\$4.00 per month.  
\$30.00 buys 300 shares \$6.00 down  
\$6.00 per month.  
\$40.00 buys 400 shares, \$8.00 down,  
\$8.00 per month.  
\$50.00 buys 500 shares, \$10.00 down,  
\$10.00 per month.  
\$100.00 buys 1,000 shares, \$20.00 down  
\$20.00 per month.  
\$200.00 buys 2,000 shares, \$40.00 down,  
\$40.00 per month.  
\$300.00 buys 3,000 shares, \$60.00 down,  
\$60.00 per month.

\$500.00 buys 5,000 shares, \$100.00 down \$100.00 per month.  
\$1,000.00 buys 10,000 shares, \$200.00 down, \$200.00 per month.  
Ten per cent. discount will be allowed if paid in full at time of subscription.

#### PLEASE WRITE PLAINLY.

ADDRESS F. C. VINCENT, FISCAL AGENT,  
Double Eagle Mining Co.  
410 Gibraltar Bldg.,  
Kansas City, Mo.

Please send me all information and High Art Prospectus of the Double Eagle Mining Co.

NAME .....

ADDRESS .....

NOTE: Be sure to state how many shares you wish reserved in your letter.

**WRITE TODAY.**



## Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND  
HEREFORDS.

April 3, 4, 5, W. C. McGavock, Mgr., Springfield, Ill., at Karens City, Mo.  
May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

Mar. 19, Closing Out Sale, White Bros., Perry, Iowa.  
March 27, J. H. Eno, Havelock, Iowa.  
April 3, T. A. Stevenson and S. G. Smith, Shannon City, Iowa.  
May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

March 18, W. H. McLaughlin, Shelby, Iowa.  
Mar. 20, James Stack, Harvard, Neb.  
Mar. 27, H. P. Clarke, St. Paul, Minn., at South Omaha, Neb.  
Mar. 28, A. H. Brett, Mason City, Iowa.  
April 10, F. W. Harding, Waukesha, Wis.  
April 11, Combination Sale at Nevada, Iowa; E. R. Silliman, Mgr., Colo, Iowa.  
April 12, R. A. Coffey, Mgr., Savannah, Mo.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
April 30, M. T. Conner, Auburn, Neb.; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
May 8, A. Chrystal, Marshall, Mich.  
May 22, R. H. Hadley, New Providence, Ia.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, N. P. Hagren, Vinton, Iowa.  
Oct. 16, L. B. Converse, Maryville, Mo.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## HEREFORDS.

April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, April 4, Geo. J. Anstey, South Omaha, Neb.  
April 4, W. G. Swinney, Bois D'Arc, Mo.  
May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
June 18, Hood & Baker, Dunlap, Iowa.

## POLAND CHINAS.

Nov. 6, W. J. Crow, Webb, Iowa.

## PERCHERONS.

March 20, H. G. McMillan, Cedar Rapids, Iowa, at Sioux City.

## PERCHERONS AND SHIRES.

April 2, Jas. A. & S. E. Niblo, Milan, Mo.

## PERCHERONS AND CLYDESDALES.

Mar. 28, A. H. Brett, Mason City, Iowa.  
SHIRE AND PERCHERON STALLIONS.  
March 27, Trumans' Pioneer Stud Farm, Bushnell, Ill., at Kansas City, Mo.

## FIELD NOTES.

Mr. H. H. Diers, of St. Olaf, Iowa, will hold a dispersion sale of pure-bred Short horn cattle on June 14th.

California irrigated lands are offered for sale by Messrs. F. E. Robinson & Co., of Los Angeles, Cal. Their advertisement appears on page 26 of this issue. Write for their illustrated booklet.

Some very choice Poland China sows bred for last of March and April farrow, are offered for sale by Mr. John Schmieder, of Remsen, Iowa, at \$30 apiece. These are all right and easily worth the money.

A closing out sale of the herds of Short-horns of Messrs. J. H. Harvey & Son, of Maryville, Mo., and Messrs. B. T. Wray & Sons, of Hopkins, Mo., is announced to take place on May 29th at Maryville, Mo.

Messrs. Hunter & Smith, of Beatrice, Neb., are headquarters for heavy-milking, high-testing Jersey cows. Note the winnings of their great herd bull, Emanon. They will be found in the advertisement on page 35.

Messrs. Manley & Co., of Lyons, Neb., are offering seven fall boars for sale sired by old Proud Advance. These are all out of Orion dams, the same combination that has produced so many of their winners. If you want one of these boars write them at once.

Mr. H. B. Griffiths, of Bowen, Ill., breeder of Duroc Jersey swine, has a few fall boars of extra quality that he is offering for sale at reasonable prices. Mr. Griffiths has one of the best herds of the central West and is now booking orders for spring pigs. Write

him for prices and descriptions of his stock as per the announcement on page 36 of this issue, kindly mentioning The Homestead.

Well-bred Hereford bulls are offered for sale by Mr. W. M. McDaniel, of Delhi, Iowa, in his advertisement that appears on page 35 of this issue of The Homestead. These bulls are of the Corrector, Fulfiller and Improver stock. Full particulars can be obtained by writing the advertiser.

Duroc Jersey boars and bred sows can be obtained from Mr. L. R. Kuney, of Adrian, Mich., as per advertisement found on page 36. Mr. Kuney's Duroc Jerseys are recorded in both American and National Associations and he will show his stock to visitors with pleasure, whether they wish to buy or not.

If you are raising twenty or more pigs this spring a Wright stock feeder will save enough in feed and gains made to pay for the feeder and show a nice profit on the investment of \$10. Read what Mr. Wright says in his advertisement which will be found on page 24. Then order a feeder, saying you do so at the solicitation of this paper.

On April 3d Messrs. T. A. Stevenson & S. G. Smith, both of Shannon City, Iowa, will make a public sale of thirty-one head of Aberdeen Angus cattle. There will be eleven bulls and twenty females in the sale. The females will be mostly in calf, and the bulls are a good lot. Those of our readers who want Aberdeen Angus cattle should remember this sale on April 3d.

On April 3d, at Shannon City, Iowa, Mr. T. A. Stevenson will hold a public sale of Aberdeen Angus from his herd which he established in 1891. Over 100 head of choice, well-bred individuals compose the herd at present and from this number will be selected an offering of high merit. Mr. S. D. Smith also consigns to this sale. After March 10th catalogs will be out. Watch our columns for further particulars.

Mr. L. H. Lamar, manager of the Lakeside Farm at Storm Lake, Iowa, informs us that he will hold a sale of Angus from this noted herd June 4, 1907, at the farm. The Lakeside Farm, our readers will remember, was the home of the late William Miller, so well known as a breeder of the doddies both in America and across the sea. Watch for later announcements of this notable coming sale in our columns.

Messrs. Manlove Bros. & Norris, of Bowen, Ill., well-known breeders of Duroc Jerseys, are offering a number of extra good fall pigs for sale at this time. They have in service the noted boars, Hambletonian, Illinois Chief and Veribest, and can supply breeders with good breeding stock at reasonable prices. Orders for spring pigs are now being booked. Write for further information, kindly mentioning The Homestead.

Mr. W. W. Vaughn, of Marlon, Iowa, breeder of Short-horn cattle, writes: "Sales from the Wildwood herd have been good, but we still have four high-class Scotch bulls of Orange Blossom and Brawith Bud families, suitable to head first-class herds, and ten Scotch-topped bulls, from ten to twenty-four months old, that are good reds, in thrifty, vigorous breeding condition and will be priced reasonably." See advertisement on page 36.

Messrs. J. L. Slick & Son, who advertise Poland China sows at private sale on page 37, write us that they have been kept shipping hogs and answering inquiries as fast as they could for several weeks. Every buyer has been well pleased and this is the best recommendation that any man can have. Messrs. Slick have still a good bunch of sows to farrow the last of March and say that buyers need have no fear of taking them this near farrowing time, since there is no danger in shipping a sow well along in pig.

Messrs. Thomas & Hogsett, of Golden, Ill., half owners of the grand champion boar, Tip Top Notcher, and sole owners of the sensational yearling boar, Ambition, recently called the attention of the writer to the averages which stock bred to Tip Top Notcher averaged in their fall and winter sales. An average of \$146 was made on all sows bred to Tip Top Notcher which were cataloged, while an average of \$132 was made on all sows bred to this noted boar which were sold by this firm, there being a number of substitutes in the winter sale that were bred late. The get of Ambition have sold at good prices, there being sixteen head in the two sales, and they brought an average of \$104.75. This is certainly a wonderful record for a hog of this age, and Messrs. Thomas & Hogsett are to be congratulated on being the owners of a hog with the reputation and breeding qualities that Ambition

## HEALTH AND STRENGTH

## OBTAINED FROM THE AIR YOU BREATHE

Gained by a Deeply Scientific yet Simple Treatment with Oxygen from the Air

Positively no drugs or medicine, no dosing of the stomach—Just the simple OXYDONOR treatment, the treatment that has cured thousands—the treatment that will cure YOU if you are willing to be cured.

## OXYDONOR

## DOES AWAY WITH DRUGS AND MEDICINE.

It acts on the new scientific principle which is now being indorsed by the best authorities in the world—the principle of instilling oxygen into the system.

## OXYDONOR TREATMENT CARRIES THE VITAL FORCE OF ANIMATION INTO EVERY PULSE BEAT

and thus it is made to throw off any disease, causing the process of life to proceed. Oxydonor treatment does not work against nature (as drugs and medicines do), but it works with nature, and aids nature in restoring the natural vital forces of the human system. A new discovery in physical science has been applied by Dr. Sanchez to the healing art.

## ASTONISHING! HARD TO BELIEVE?

Not when you see the cures Oxydonor accomplishes. Investigate this—do not let doubts keep you from perfect health, life-giving strength. When the telephone, the phonograph and other modern wonders were invented, people doubted and denied. The truth was proven to them, as the truth of Oxydonor treatment is being proven today.

BEAR IN MIND THAT THIS OXYDONOR TREATMENT works on a newly applied physical law—vital animation—and is not a battery or electric treatment.

## WE APPEAL TO THE INTELLIGENT THINKING PEOPLE.

Many high-grade physicians recommend Oxydonor treatment in spite of the fact that it does away with the use of drugs—for Oxydonor can be applied without cost by any sick person in any home.

## WE APPEAL TO ALL PEOPLE WHO WANT TO REASON THIS OUT.

people who want to know about the correct method of curing disease without medicine, to send for the free Oxydonor pamphlet. It tells you how Oxydonor treatment operates; it cites case upon case of remarkable cures with Oxydonor. No obligation to purchase anything; we merely want you right now to send for the pamphlet and study it. You who need it—we want you to have it free. Write at once.

Case after case has been cured of Stomach Trouble, Rheumatism, Nervous Prostration, Insomnia, Kidney and Liver Trouble, Dropsy, Blood Diseases, Ulcers, Abscesses, Tumors, Scrofula, St. Vitus' Dance, Lung Diseases, Catarrh of Head, Throat or Stomach, Blood Poison, Appendicitis, Female Diseases, etc. HUNDREDS AND HUNDREDS OF CURED PEOPLE FROM ALL PARTS OF THE COUNTRY WRITE US LIKE THE FOLLOWING. READ WHAT THEY SAY:

George P. Gnodke, Secretary Detroit Free Press, Writes:

I know of no other discovery whose value approaches Oxydonor. I have a sure conviction, founded on actual personal experience, that it is one of the greatest boons within human reach, and it seems to me the most important step toward healing human ills in 3,000 years.

Wm. Converse, Hancock, Iowa, Writes:

I would not take \$1,000 for my Oxydonor and do without it; it cured me after the best medical skill in western Iowa failed.

Mrs. Sallie M. Hindsell, of Turner, Minn., Writes:

I was a total wreck when I procured your Oxydonor, having long suffered with curvature of the spine, stomach and heart trouble, rheumatism and various troubles, and I lived for 40 years on drugs and never knew what it was to be well or free from pain, but since using Oxydonor I scarcely know what pain or sickness is, and I have cured two cases with Oxydonor of St. Vitus' dance and one case of home erysipelas of 40 years' standing.

The full history of above cases and scores of other remarkable cures given with our free book. Call or write for our free book and learn about this, the greatest of all healing methods.

DR. SANCHE OXYDONOR CO., ROOM 559, 67 WABASH AVE., CHICAGO, ILL.



possesses. If in need of good Durocs write this firm as per the announcement on page 37 of this issue, and kindly mention The Homestead.

Mr. Fred Ebendorf, of Strawberry Point, Iowa, writes us that as he is crowded with work he will sell his Poland Chinas and Short-horns at especially attractive prices. He also offers to trade a carload of corn to be delivered at Volga, Iowa, for Short-horn cows and heifers. Those who have corn and no stock should get in communication with this advertiser, for here are some good bargains undoubtedly. The herd bull, Royal Jacks, a Scotch Nonpareil-bred bull, and of herd bull merit, is offered at a very reasonable price. The cows being offered are of the strong, vigorous kind with lots of bone and of prolific breeding.

Mr. G. H. Burge, proprietor of the Wayside Farm of Short-horn cattle, of Mt. Vernon, Iowa, whose new advertisement appears on page 36 of this issue, writes: "Since my sale last October I have shipped out twenty head of Short-horns, sold at private sale. Among the later sale was the bull, Grand Master of Wayside, out of Mildred, the twin with Money Musk; this calf at twelve months weighed 1,010 pounds and was the best bull I ever sent out. He was an ideal Short-horn in every sense and I considered him the best prospect for a show bull I ever bred. He had as good a covering of flesh as any calf I ever saw, had a hide and coat of hair like a coon's in mellowness and thickness of coat; etched on the shortest legs and was a feeder par excellence. He goes to head the herd of Messrs. Cook & Adams, of Frankfort, South Dakota, and the price was more than I ever before received for a Short-horn. I sent one to Mr. S. W. Truckenbrod, of Lamolite, Ill., that will be as good an advertisement for Wayside Short-horns in that

section of Illinois as I want. A Mysie calf goes to Messrs. Larson & Miller, of LaPorte, Iowa, that is the thirteenth calf sent into that vicinity (the results of the advertisement one good calf put in the hands of a steer feeder in that county, and I have been sending good ones ever since). One fine calf goes to Mr. D. A. Bennett, of Lisbon, Iowa. This calf is from my show cow, Jarnett B., and by Money Musk; an example that prize-winning blood breeds on. I have 100 head in the herd and would sell ten or fifteen cows and heifers at attractive prices, bred to Money Musk and Hopeful Knight. Also have some fine bulls for sale at reasonable prices. Homestead readers are shown the stock at any time with pleasure."

Mr. J. G. Truman, of Trumans' Pioneer Stud Farm, writes in a recent letter as follows: "I am pleased to say that our trade is good and we have plenty of good horses to supply our trade, and notwithstanding the fact that we are selling at public auction at our stables in Kansas City, Mo., on Wednesday, March 27th, thirty imported Shire and Percheron stallions, the sale in no way will affect our business here, as the horses we expect to sell at that sale are at the present time in our stables at Kansas City. A cablegram just received from our Mr. J. H. Truman advises us that he has twenty-six head of Shires ready to leave England on receipt of a cablegram from us that we have room for them here and to this end we are making attractive prices to move the horses we have here."

Mr. W. H. Jones, breeder of Poland China swine, of Clemons, Iowa, whose advertisement appears on page 37, writes: "I still have a lot of fine Poland China sows and gilts bred and safe in pig to Baraboo and Y. J. Perfection, that are large and growthy, heavy boned and the kind that breeders are

## Free Book

ABOUT CURING

Deafness AND  
Eye Diseases  
AT HOME

I WANT to place one of  
my books in every  
home, absolutely free of  
charge.

This book tells of a new method by which people who are willing to devote fifteen minutes time each day, can cure themselves of mild forms of Deafness, Head Noises, chronic Catarrh, Chronic Sore Eyes, Wild Hairs, Granulated Lids, Scums, Eye strain, Weak eyes, or failing sight, at home by a mild method without visiting a doctor. 100,000 people have used this method.

My book tells of their experience and of many remarkable cures of Deafness and Eye diseases.

I want no money for this book—just want everyone to read it and know of my new system. Write me today. Address

DR. W. O. COFFEE,  
340 Century Bldg., Des Moines, Iowa.



## ELECTRIC HANDY WAGON ON AN AFRICAN DESERT

The novel scene shown in the photograph we are reproducing will have interest for our readers. It represents in part a great caravan crossing the Nubian Desert from the valley of the Nile to the Western Oasis in Upper Egypt. It was the first wagon train that ever crossed this desert, and was the forerunner in opening up to civilization a vast territory not yet on the maps of the world.

The caravan was in charge of Mr. James S. Grey, formerly of Lima, Ohio, who represents a large English corporation in making drillings in Egypt. The picture was taken early in 1906. Of course only camels could be used for drawing the wagons in that climate. Mr. Grey had made a former attempt to cross the desert, starting with ordinary wagons and carts, manufactured

of wood, but they failed to stand the evaporating power of the desert sun and all gave out.

This illustrates very forcibly the sterling character of the Electric Handy Wagon. It should serve as a useful hint to wagon buyers at home. These wagons are not specially made for desert work. They were the regular pattern wagon, secured from stock kept in Pittsburg, Pa., and fitted with Electric Steel Wheels. These wheels can be made to fit any wagon. They served admirably under the heavy loads in the trying journey over the hot, dry, trackless desert. There is no question about their excellence for use in any climate. But the great point is their convenience and labor saving in the farm work. With the low wheels with which

they are usually made, they are nicely adapted to all sorts of farm jobs. They are guaranteed to carry a load of 4,000 lbs. over any kind of road. In lasting qualities they are far ahead of the wooden wagon, which always has a train of such incidents following as tire setting, rattling spokes, loose fellos, breakdowns. In most every instance too, the draft is lighter than on the narrow, high, wooden wheeled wagons. Everything considered, it is certainly entitled to be called the wagon of economy.

For particulars in regard to the above expedition and detailed information in regard to the Electric Handy Wagon or Electric Metal Wheels, write direct to the ELECTRIC WHEEL CO., Box 43, Quincy, Illinois.



looking for. They are due to farrow in March and April and as farrowing time is at hand we will need the room for coming litters, of which we have two fine ones to date. We are offering them at a very low price that will move them fast. These gilts will weigh close to 300 pounds and are just in nice breeding condition, not over fat and a dandy lot to select from. Now, if the readers of The Homestead are looking for something nice that have the size and finish, here is their chance to get it at a low price."

Messrs. McNeil Bros., of Bowen, Ill., sole owners of Buddy K. IV., the highest-priced Duroc Jersey boar ever sold at public auction, also sole owners of the sensational breeding boar, Hanley, and Helen's Tip Top Notcher, up to the time that Buddy K. IV. was sold was the highest-priced boar ever sold at auction, are offering some very good fall boars for sale, sired by Buddy K. IV. and Hanley. The writer has looked them over carefully and is pleased to recommend them to the man who is looking for a show boar for the coming season. They will also breed a limited number of sows to Buddy K. IV. and Hanley at \$100 each. Readers of The Homestead who contemplate breeding sows to either of these boars should make arrangements at once, as only a limited number will be taken. Write this firm if in the market for good Durocs, as per the advertisement on page 36 of this issue, kindly mentioning The Homestead.

**IMP. FASHION FAVORITE FOR SALE.**  
Anyone wanting a good tried bull should write Mr. J. D. McDermott, of Wiotia, Iowa. He is offering his herd bull for sale, Imp. Fashion Favorite, and a couple of good young Scotch bulls, both sired by him. He also offers a good son of Imp. Craibstone for sale. Write Mr. McDermott or go and see these bulls.

**RED POLLED CATTLE DISPERSION SALE.**  
Mr. Geo. H. Smith, of Chillicothe, Ohio, informs us that on Thursday, April 4, 1907, he will close out his entire herd of Red Polled cattle. For the convenience of buyers from the western states and other portions of the corn belt the sale will be held at the sale pavilion of the Union Stock Yards, at Chicago. Catalogs are out and may be secured by writing to Mr. Smith. Mr. Geo. B. Buck will act as sale manager. Mention The Homestead when requesting catalog.

**S. J. MILLER OFFERS BARGAINS IN PERCHERONS.**

The man hunting a Percheron stallion should visit Mr. S. J. Miller's barns at Kirksville, Mo. Mr. Miller makes personal selections in the old country and brings over the best only. He also does his own selling, thereby saving the expense of high-priced salesmen. The class of horses he will show you are worth going to see. Furthermore, the prices are such that you will buy without going further. His coming three-year-olds are great, big, smooth fellows that have great bone and lots of quality. Those who contemplate buying should get in touch with Mr. Miller at once. See page 38 for his advertisement and kindly mention this paper when writing.

**A GOOD SHORT-HORN BULL FOR SALE.**

Mr. J. H. Moyer, of Newton, Iowa, has a small but select herd of Short-horn cattle. He lives adjacent to Mr. H. D. Parsons and has some of the same lines of blood that have made Mr. Parsons' herd famous. Mr. Moyer has for sale at the present time his herd bull which belongs to the Scotch Beauty family, also a nice Scotch calf, fit to head some good herd. This calf is sired by Scottish Champion and his dam is Beauty 4th of Maine Valley. He is an all red, low-down, thick-fleshed fellow, well ribbed and is well bred. His lines are straight and his back as level as a floor. Mr. Moyer will be pleased to make prices on either of the above bulls and will do so feeling that they cannot be duplicated at anything like the money asked. His announcement appears in The Homestead on page 36.

**J. F. COOK & CO.'S JACK SALES.**

Recent sales of jacks made by Messrs. J. F. Cook & Co.—Majorca King 1139, five years old, imported from the island of Majorca, a premium winner on the island and one of the finest jacks imported by them, sold to Chehalis River Lumber Company, Centralia, Wash.; imported three-year-old Majorca Lucero 1120, to Mr. S. D. McKeever, Rensselaer, Ind.; two-year-old imported Cataloulain Larsagont 1128, to Mr. Stanley Turner, Water Valley, Texas; to Mr. J. D. Burns, Moorefield, Ky., three-year-old Dr. McCord Jr., 15½ hands high; to Mr. James Merrick, Jr., Sudlerville, Md., a four-year-old, 15½ hands high; to Mr. D. Hart, of Del Rio, Texas, eleven yearlings and two one-year-olds. At their branch barn, Newton, Kan., a three-year-old imported Majorca King of Kings, one six-year-old 15 hands high, and two two-year-olds. Note their advertisement on page 35.

**ANSTHEY'S HEREFORD SALE.**

On April 4, 1907, Mr. George J. Anstey, of Maseau, Iowa, will sell a draft of forty-five head of Hereford cattle at South Omaha, Neb. This offering is the natural increase of his herd and are sired by Sidney 1st 161307, a son of Keep Ahead by Keep On, and Fairview Tom 3d 130860, a grandson of old Corrector. They will be bred to his present herd bulls, Beau Shadeland 10th 207380, a son of the well-known show bull, Beau Donald 28th, and also to Sidney 1st 161307. There will be twenty-five bulls in the sale and twenty heifers. The bulls are a strictly first-class lot. They are ready to go right out and do good service. They have been well cared for, are growthy, with plenty of bone, and are in excellent condition. The heifers are a choice lot and the whole offering is the best that Mr. Anstey has offered from his herd. Those who want

Hereford cattle should remember that this is a draft sale from his herd, and he is putting in the very best he has. Those who want Hereford cattle should send their name to Mr. Anstey so they will be sure to get a catalog as soon as it is issued.

**MCLAY BROS.' CLYDESDALES.**

While the Clydesdales are not so numerous in this country as some of the other draft breeds, it is generally admitted that they are rapidly "coming into their own" and wherever you find a Clydesdale stallion there you will find some choice young stuff coming on, and that even a sprinkling of this blood mixed in is very valuable in shaping up and in giving style, finish, bone and soundness to those geldings that bring the highest price in our markets. Messrs. McMay Bros., of Janesville, Wis., are leaders in this country for this valuable breed, and they report a good demand, having recently sold to Pennsylvania, Illinois, North Dakota, South Dakota, Indiana, Wisconsin and Iowa. They have some of their highest priced horses still on hand and are prepared to name attractive prices on them. They keep everything on their farms at a minimum expense. You can't do better than to deal with them. See their advertisement on page 32.

**LAST CALL FOR SHORT-HORN SALE AT UNION, IOWA.**

Ten Short-horn breeders of Marshall, Hardin and Grundy counties will hold a combination sale of their offering at the above place on March 21, 1907. A good sale pavilion has been secured for the purpose and as this event is an annual affair the consignors feel that they are fully prepared to make the event one of enjoyment to their buying friends. In size, the offering numbers seventy-five head, consisting of cows and heifers, some with calves at foot, and a number of vigorous young bulls. All the leading families of the breed will be represented and with individual merit in keeping with the breeding. The bulls to which the offering has been bred are both of Scotch and Scotch-topped breeding. Many of the cows are heavy milkers and for these there should be a very strong demand. Catalogs may be obtained by writing to Mr. A. P. Mason, Union, Iowa. On page 33 will be found interesting particulars. Write for the catalog at once.

**A CRUICKSHANK SHORT-HORN BULL FOR SALE.**

Mr. E. R. Silliman, of Colo, Story county, Iowa, is in position at this time to offer for sale one of the best Cruickshank Short-horn bulls living. We refer to Baron Foxglove, three years old, a very dark roan bull sired by Imp. Fancy's Pride, the bull that burned up in Mr. Lind's disastrous fire. Baron Foxglove belongs to Mr. Cruickshank's famous Brawith Bud family, and there is probably no better bred Cruickshank bull living. This bull is offered for sale only because Mr. Silliman's other bull, Claverburn's Ideal, has now reached an age where he is considered capable of taking care of the entire herd.

## GIVES THE CREDIT TO THE HOMESTEAD.

INTELLIGENT ADVERTISING IN THE BEST MEDIUM AND GOOD WORK IN THE RING MAKE A SALE A GREAT SUCCESS.

Mr. C. M. Dewey, of Shannon City, Iowa, proprietor of the Pleasant View herd of Duroc-Jersey swine, writes under date of March 2d:

"Herewith please find check in payment for advertising of White & Dewey sale. The sale was a great success, for which we give due credit to The Homestead and your splendid field man, Mr. M. T. White. Please accept our thanks for the excellent work done for us."

The calves from Baron Foxglove are numerous and of splendid quality, which is a prominent factor in determining the qualities of a herd bull. Prospective buyers can have this advantage when coming to see Baron Foxglove. He is a splendid breeder and is equally good on both bulls and heifers, as the get of each sex will practically demonstrate. Mr. Silliman will price this bull at \$300, which is at least \$150 less than he is worth.

**MORTON'S DUROCS.**

A name that is always thought of in connection with the Duroc Jersey breed is Mr. S. E. Morton, of Camden, Ohio, one of the oldest and best breeders of Duroc Jerseys that this country has ever known. He has been secretary of the American Association a number of times and has been one of the successful showmen of this country. He was the owner of Ohio Chief, and showed him at the World's Fair in St. Louis, where his winnings are too well known to require mention here. Mr. Morton was also the owner of Protection, a boar which sired more boars that headed herds than any boar living or dead. A consignment of sows sold by Mr. Morton this winter in the Whitehall sale including seven daughters of Ohio Chief, sold at an average of \$385.71. He now has in his herd thirty daughters of Ohio Chief, and a better lot of brood sows is seldom seen in any herd. His principal herd boars are King of Colonels and The Chief, a son of Ohio Chief, the best son the writer has ever seen of this noted hog. King of Colonels was sired by Prince of Colonels by Carl's Colonel and traces to Walt's Colonel, one of the most noted boars of the breed. He is a show boar in every respect and his ancestry has been producing that kind of stock for many years. The Chief was sired by Ohio Chief and is out of a daughter of Ed's Colonel by Walt's Colonel. He is a stylish fellow and is the sire of much of the good stock found in this herd. Mr. Morton recently sold to Mr. Grant Chapin, of Greene, Kan., the spring boar, King of Colonels II., at the good figure of \$600, the highest price ever paid for a spring male pig. Mr. Chapin attended the Ohio circuit of sales and was a liberal bidder. He is to be congratulated on securing the good pig by King of Colonels. Mr. Morton is now booking orders for spring pigs and will be pleased to correspond with anyone in search of good Durocs.

# PILES NO MONEY TILL CURED.

**FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.**  
**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**

## PUBLIC SALE OF REGISTERED Percheron and Shire Stallions and Mares

AND ONE MAMMOTH JACK  
**At Milan, Mo., Tuesday, April 2, 1907**

**PERCHERONS**  
Mark Me 41579, color black, star/eight years; a sure foal getter; over 75 living foals last year. Admiral Togo, coming two years, color bay; will make ton horse. Senator Warner, coming yearling, black; Minnie 25240, gray mare; Zella 25242, sorrel mare; Mollie Belle 50185, black mare; Fanny Belle 30181, black mare.

**SHIRES**  
Imp. Hoebling Craftsman 6358, color mahogany bay, seven years, a sure breeder and a horse importer sell at \$1,200 to \$1,500. Sweet Marie 8093, sorrel mare; Daisy Bell 8188, sorrel mare; Dorothy 8112, bay mare; Tom Curtis, a black Mammoth jack and one of the best jacks in Sullivan county.

It will pay anyone wishing to buy good breeding stock to come to this sale, where you can buy as good horses and mares as at one of the sales made by some of the large dealers, where you pay for their name. They buy from the farmers, double their money and you pay it. Come and buy from first hands. Everything sells without reserve. Send for catalog.

**Jas. A. and S. E. Niblo, Milan, Mo. MILAN IS ON THE O. K. AND C. B. & Q.**

He will be pleased to have western breeders inspect his herd and if notified will meet them at Camden at any time. Look up the announcement on page 36 of this issue and write for particulars, mentioning The Homestead.

**COMBINATION SHORT-HORN SALE AT HARVARD.**

The combination sale of Short-horn cattle to be held at Harvard, Neb., on March 20th, should attract the attention of all lovers of this breed. Mr. Albert Hultine, of Saronville, Neb., will close out his entire herd and among them are a bunch of cows that could not be bought other than in this kind of a sale. Among the special attractions of the offering is the great cow, Nebraska Belle got by Goldie, of the noted Miss Ramsden family. Her dam was Belle by Nebraska Mon-

## CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 345-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

**CHANDLER BROS., Kellerton, Iowa**

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

**GEORGE ALLEN, Lexington, Neb.**

Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

15 Registered Shropshire ewes, bred to imported Minto ram, W. C. Frazier, Atlantic, Cass county, Iowa.

good one. If you are interested in a stallion plan to visit the barns at either Kansas City or Bushnell before making a selection, as you will be pleased with the stallions shown you. Look up the advertisement on page 39 of this issue and write for catalog, kindly mentioning this paper.

**JAS. A. & S. E. NIBLO'S SALE OF PERCHERON AND SHIRE STALLIONS AND MARES.**

On Tuesday, April 2d, at Milan, Mo., Messrs. Jas. A. & S. E. Niblo, of Milan, Mo., will sell their entire stud of Percheron and Shire stallions and mares, a list of which will be found in their advertisement on this page. Messrs. Niblo have been breeding horses for a number of years and are not speculators. The sale is brought about on account of their having sold their farm preparatory to moving from Sullivan county to engage in other lines of business. Their original purchases were made from Mr. S. S. Spangler, of Milan, Mo., who was known as one of the leading breeders of the draft horse in north Missouri. The very best imported stallions have always been used by these gentlemen and as a result they will offer choice stock well bred. Their herd stallions have a reputation in Sullivan county for getting an unusually high-class lot of stock, and the man hunting stallions will do well to look after these, as Messrs. Niblo are going to sell without reserve. The mares are all in foal and are the kind so much sought after. Buyers will find this an excellent opportunity, as it is strictly the closing out of a small but select herd. See this page for the advertisement and write today for a catalog and kindly mention this paper when writing.

**NOVINGER & SON OFFER TWO FINE SHORT-HORN HERD BULLS.**

Messrs. Isaac A. Novinger & Son, of Kirksville, Mo., breeders of Scotch and Scotch-topped Short-horns, write that they have never offered two as good herd header prospects as they are now offering. Both are bred right and their individuality is such that they should go to good herds. One, a Lavender called Lavender's Choice, is a beautiful rich red roan and was got by Lavender Viscount 2d, he by the champion, Lavender Viscount. The dam of Lavender's Choice, Sweet Lavender, was got by Imp. Golden Crest and out of Imp. Lavender Thyme 2d by Prince of Fashion. Few equally as well bred Lavenders are found, as he traces twelve times to straight Lavender dams. Lavender's Choice is a bull from end to end, a thick fellow and a feeder set on good, short legs. Another is Lavender Viscount 5th, a dark red got by Lavender Viscount 2d and out of the Victoria cow, Margaret Victoria by Golden Crown. She traces close to Imp. Victoria 71st by Roan Gauntlet. This fellow is just a year old and weighs 1,000 pounds, but has never been crowded. Some mau who wants a bull that has scale and quality should look to him. Three other

## HORSE OWNERS! USE

**CAUSTIC BALSAM.**

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from Horses. Impossible to produce scar or blemish. Send for circular. Special advice. THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.





Scotch bulls are also to be found here, as well as some fine Scotch-topped fellows. See page 36 for Messrs. Novinger & Son's advertisement and if in the market for a herd bull write them, or better still, go and see the bulls.

#### COMBINATION HORSE AND CATTLE BREEDERS' SALE, WATERLOO, IOWA, MARCH 21, 1907.

At the above place and on the date given there will be held a notable sale of horses and cattle. The stock is registered or eligible to registry and is of the kind and breeding that would be found at some of the best individual sales. In Percherons, there will be a number that are imported stallions and others from the best stables in the country. Mr. Holland, the manager, informs us that the stallions are not second handed, but are first-class in every respect. There will be, besides, a number of Belgian and coach stallions. The cattle part of the offering will include sixty head of Angus, Short-horn and Hereford males and females. Mr. Tom Maxwell, of Earlham, consigns fifteen Short-horn bulls, twelve to eighteen months old, besides a number of this breed consigned by Mr. Victor Speers, of Cedar Falls, and Mr. John Bedard. Angus are consigned by Messrs. A. E. Glenn, of Waterloo, and Frank Hoyt, of La Porte City. Mr. John Heinz, of Waterloo, will offer Hereford bulls, fourteen to eighteen months old. Mr. Holland, the manager and auctioneer, has been selling stock in Waterloo for many years and his ability in getting up a sale is first class. The sale is made to sell the stock offered at a price that the public may see fit to pay. Here is a chance for every breeder, and probably one to secure some snags. If interested write for catalog to Mr. Wm. Holland, Waterloo, Iowa. Kindly mention that you saw the advertisement in The Homestead.

#### MEAR'S CHESTER WHITE SWINE.

One of the many good Chester White herds of the central West is that of Mr. E. L. Mear, of Neponset, Ill. The writer has visited this herd for the past two years and is pleased to note the improvement made. One of the principal reasons of Mr. Mear's success has been his selection of herd boars. At present he has one of the best boars he is using this year, Neponset Boy 13779. This boar was first prize winner in the twelve and under eighteen months class and headed the first-prize young herd at four of the leading state fairs of the central West in 1906. He possesses great quality and smoothness and has a good future if properly handled. Another boar of much promise is Prince O. K. 15604. He was winner of second prize in class at Illinois State Fair in 1906 and headed second-prize herd at same show. His pigs have been widely distributed this year and have given good satisfaction. Neponset Edd is the making of an extra large hog and is a well-bred one, his sire, Counsellor, being the champion boar at Illinois State Fair in 1905 and his dam, Baby Belle, the champion sow at St. Louis Fair in 1904. Mr. Mear has for sale sixty fall pigs of September, October and November farrow, that will please the most discriminating buyers. A few bred gilts are also offered for sale for April and May farrow. Readers of this paper should avail themselves of this opportunity to secure good breeding stock at reasonable prices. Mr. Mear is now booking orders for spring pigs and will be pleased to furnish any information in regard to his herd to interested parties. Look up the advertisement on page 37 and write for prices, kindly mentioning this paper.

#### J. H. ENO'S ANGUS DISPERSION.

Below we present our readers with a likeness of Mr. J. H. Eno, of Havelock, Iowa, one of the highly respected breeders in the northern part of the state. Mr. Eno will close out his herd of Angus cattle along with a good bunch of pure-bred Poland China sows on March 27, 1907. The business has always been profitable for Mr. Eno and his



sons. It is very reluctantly that this move is made, but it is only for the reason that more money is needed to carry on the affairs of the farm. The foundation stock was carefully chosen. Among the catalog numbers will be found a number of the breeding of the late Wm. Miller, of Storm Lake, Iowa. These are sired by Baron Inca, a sire of note once in that herd, also Invaluable Blackbird, Cranewood Black Knight and others. There will be a number of the cows with calves at foot which will offer a good opportunity to those looking for foundation stock. The fact that there are only five young bulls to be sold goes to show that the business has been carefully handled. There is much merit in this quintet and they promise to make good, large, sappy bulls. The swine offering merits the attention of all those looking for good, growthy hogs. The breeding is principally Perfection and buyers will find in them some splendid producers. They have been handled right and are in as good condition as could be desired. Plan to leave the corn stalks a day and attend this sale.

Send for catalog Next week watch for detailed particulars.

#### CHOICE ABERDEEN ANGUS BULLS FOR SALE.

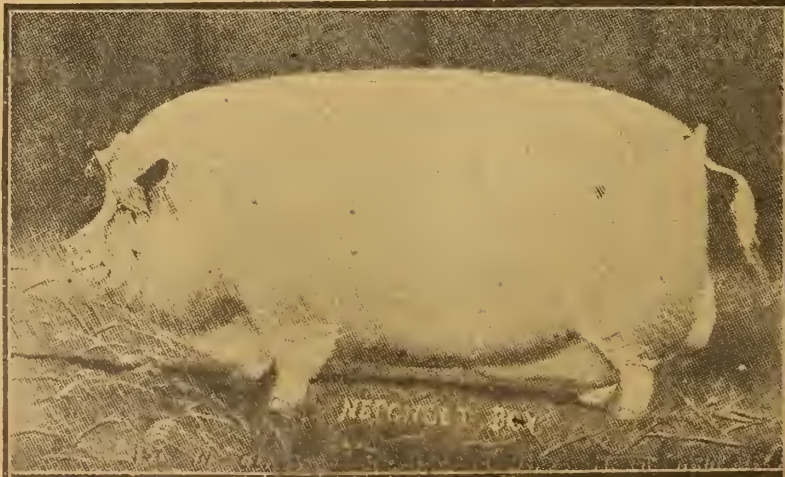
Throughout the middle West the Aberdeen Angus breed of cattle have been gradually growing into prominence. This is particularly true since 90 per cent of the fat stock show champions for the last fifteen years or more have been of this breed. One of the good herds of Aberdeen Angus cattle in the great state of Iowa is that owned by Messrs. Allen Bros., of New Sharon, Iowa. As seen by one of our representatives last week, they are in position to furnish five fine, big, strong Aberdeen Angus bulls at from \$100 to \$200 each. These bulls are all coming two-year-olds and are strong, thrifty bulls of the following families: One Pride, one Drumin Lucy, three Favorites. A portion of them are by that famous old bull, Proud Blackcap. One is by Bentley of Allendale, one by Dakota West Side and one by Black Knight 37th of Roycroft. The splendid Queen Mother bull is priced at \$200 and is readily worth more money than this. A new bull has recently been procured to head Messrs. Allen Bros.' herd, and one that will undoubtedly make his mark as one of the good bulls of the breed. We refer to Black Monarchist. He is a double Blackbird, being sired by Black Monarch of Emerson and out of Black Lassie Bell. This bull has three crosses of that famous old bull, Rugby. He is a bull very even and true in his lines, has a nice dandy head, short of leg, with a tremendous thick padding of smooth, even flesh on the loin, and this, too, in only modest breeding condition. Messrs. Allen Bros. are in position to furnish a liberal number of cows and heifers at modest prices. Homestead readers will find it to their advantage to go and visit the Allendale herd.

#### SPRING OFFERING OF SHORT-HORN BULLS.

On page 36 will be found the announcement of Mr. A. L. Stutzman, of New Sharon, Iowa, a prominent breeder of Short-horn cattle and a regular patron of The Homestead, who is now offering for sale four good Short-horn bulls, two reds and two roans. They are all by his splendid Scotch bull, Golfman. One is Golfman 3d, a beautiful red bull, she out of Imp. Melba 2d and she out of Imp. Melba by Fearless Archer. The other red bull is a little younger and is out of a Minerva cow and promises to make a good, thick block. A large roan bull, not a straight Scotch, but nevertheless is a good one, is Panny Forrester. This is a splendid bull, strong boned and a very impressive-looking fellow. Another good roan calf is out of Melba 4th, she being a daughter of Melba 2d, first referred to. Melba 4th was by Baron Aylesby, a son of Baron Cruickshank 3d. Mr. Stutzman's present herd bulls are three in number and include the great herd bull, Golfman, and a red three-year-old by the Cruickshank bull, Victorious, and out of Imp. Melba. The other herd bull is a six-year-old red Mysie called Mysie's Victor. He is a son of Victor Baron and out of Mysie's Carnation by Duke of Oakland, and is a direct descendant of Imp. Mysie 36th by Scotland's Crown. Mr. Stutzman is making very attractive prices on these bulls in order to close them out and make room for the large crop of calves that are expected to arrive soon. He has had good sales during the winter from Homestead readers, having recently disposed of some seven young bulls at satisfactory prices. Nevertheless his prices are only about half what some breeders ask for bulls of like breeding.

#### LAST CALL FOR THE McLAUGHLIN SHORT-HORN SALE.

Those who want to buy some good Short-horn cattle should not overlook the sale of Mr. W. H. McLaughlin, at Shelby, Iowa, on March 18th. He is offering a most excellent lot of cattle of the best Scotch and Scotch-topped sorts. This is not a cull sale, either, but on the other hand is the best he has in the herd. It is, as a rule, the natural increase of his herd, and no breeder has ever exercised more pains in the selection of animals to be sold than he has on this occasion. Most of the heifers and the young bulls in the sale will be sired by the noted bull, Baron Kear 3d 158073, a son of Banner Pro and out of a daughter of Imp. Prince President. This bull formerly headed the herd of Messrs. C. W. Daws & Son and he cost an even \$1,000. He is one of the best Scotch bulls today in western Iowa, and he has always been a splendid breeder. Mr. McLaughlin sells a good Duchess of Gloster cow in this sale and she will be right at her calving to Baron Kear 3d. There will be a most excellent Nerissa cow in the sale and several of those good Lavinas. She will



Neponset Boy 13779, first-prize Chester White boar in junior yearling class at four state fairs in 1906, and headed first-prize young herd. A number of good gilts bred to this boar are offered for sale by Mr. Ernest L. Mear, of Neponset, Ill. See field notes.

## ... DISPERSION SALE OF ...

# CLOVER LEAF FARM HEREFORDS

ONE OF THE

## GREATEST HERDS IN AMERICA

AT KANSAS CITY, MO., THURSDAY, APRIL 4TH

48 Females--Anxiety 4th strains predominate--18 Bulls, 19 Cows with Calves at foot

SEVERAL are daughters of the great Beau Brummel. Half are by the Junior Champion Brigadier 109729. Lamplighter's best son and out of an Anxiety bred cow. Everything of breeding age is bred to this bull or Dale Jr. 157199, a great breeding son of The Champion Dale. Not a shy breeder or an old decrepit cow in the lot. Brigadier and Dale Jr., my great herd bulls, head the bull offering which is pronounced the strongest of the year. To the men wanting absolutely high class herd bulls and choice females good enough to enter any herd, I extend a cordial invitation. It is an absolute dispersion brought about on account of my having sold my farm, preparatory to moving to town. Write today for catalog.

W. G. SWINNEY, BOIS D'ARC, MO.

COLS. SPARKS, HARRIMAN AND ZAUN, AUCTS.

have a yearling heifer in the sale sired by Gloster Bud, a straight Scotch bull. There will also be sold a daughter of old Camille, and she is one of those good Sonsies that have done so much for several western herds. There are many other splendid females in the sale of the very best families. Mr. McLaughlin will also sell a splendid lot of young bulls. Among these is a richly-bred Duchess of Gloster called Mysie Gloster. He is a son of Baron Kear 3d and out of Duchess of Gloster 49th by King James. This young bull is a roan in color and a good prospect for a herd bull. Some enterprising breeder should go after this fellow. He also sells a number by Baron Kear 3d, one by Gloster's Choice and one by Cumberland 2d. These are growthy bulls, well developed, and are a good lot in every way. The whole offering is good and it is one that will be appreciated on sale day. Write for catalog and mention The Homestead.

#### SOME GOOD SCOTCH BULLS.

On page 36 of this week's Homestead will be found the advertisement of Mr. Ernest Funke, of Greenfield, Iowa, one of the most reliable breeders of Short-horn cattle in the state. Mr. Funke is now offering a few Scotch and Scotch-topped bulls for sale, nearly all of which are sired by his former Scotch bull, Golden Champion. One of these is a yearling and is out of Victoria Funke 4th and is a well-bred Victoria bull. His grandam sold in the Bigler sale for \$1,000 and is now conceded one of the best Victoria

## McLay Bros. Clydesdales

Janesville, Wis.

THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition for a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to

Send For New Catalog.

FOR SALE, Reg. Percheron stallion, wt. 2000, black, age 9 yrs., three Reg. Hereford bulls. This will appear but once. V. C. Atwell, Little Sioux, Iowa.

cows in the state. He is red in color, with just a speck of white on the shoulder, is a very stylish fellow, excellent in his lines and will make considerably over a ton bull. He is a herd header and Mr. Funke is very reasonable in his price. He also offers a good young Acanthus bull for sale, and another young Victoria bull, as well as a Miss Ramsden. He has a number of others that are coming on that he will price to anyone who wants them. At the head of the Funke herd today is Nonpareil Perfection 206647, a son of Nonpareil Victor. This is the massive roan bull that Mr. Tom Warnell showed at the leading state fairs and that afterwards topped his sale. He is a well-bred Nerissa and is bred along the same line as the great show bull, Nonpareil King. About thirty of his calves have been dropped already and they have more than come up to expectations. In fact Mr. Funke never had a better lot of calves on the place. He has some good show propositions among these young heifers if they were fitted. Among the best of these is a Victoria, an Orange Blossom and a Snowdrop, and there are several others that are very promising. He also has a few Ceremonious Areher calves in the bunch. The Funke herd has been widely known for the great number of Victorias, Orange Blossoms, Acanthus, Miss Ramsdens and Lavenders that are to be found therein, and he has bred a class of cattle that have given the greatest satisfaction to those who have bought of him. He will make a public sale this fall and he always puts up an offering that breeders want. In the meantime he has a few good Scotch bulls for sale, and we will assure our readers that Mr. Funke will treat them right. Write him or go and see him at once.



# ...BREEDERS' SALE...

OF REGISTERED PERCHERON, BELGIAN AND GERMAN COACH STALLIONS, SHORT-HORN, POLLED ANGUS AND WHITE FACED CATTLE, AT WATERLOO, IA., THURSDAY, MARCH 21st  
This sale will include several of the best Percheron stallions in Iowa, ranging in age from three to five years old--10 head of Imported German Coach Stallions, [Government approved] from three to four years old. The above stallions are not second-handed, but come direct from first hands to our sale, and we can assure the public that they will not be disappointed in the quality of the offering, for without doubt they will be the best-bred stallions ever offered, at your own price, and there are certain to be some great bargains. I purchased these stallions direct from the importers, and I am willing to allow the public to make the prices on them, and they will be sold on the above date without reserve.  
WM. HOLLAND, OWNER.

## 60 HEAD SHORT-HORN, POLLED ANGUS AND WHITE FACED CATTLE

Consigned by the following well-known breeders: Tom Maxwell, of Earlham, Iowa, consigns 15 head of Short-horn bulls, ranging in age from 12 to 18 months. They are deep reds, have great style and conformation, possess the required quality, from an individual standpoint are in the pink of condition, and are sired by one of the best-bred Scotch bulls in the United States. Remember, Mr. Maxwell's offering is second to none, as there are 12 bulls in this consignment that are good enough to head any herd in the United States. Mr. Maxwell consigns 6 head of females that he considers among the best in his herd. W. C. Natzke consigns 3 head of bulls, that are grand, good individuals, and are royally bred. Victor Speers, of Cedar Falls, Iowa, consigns several head from his herd of Scotch cattle. John Bedard consigns 5 Angus cattle in both males and females. Mr. Bedard has paid strict attention to the breeding of his cattle from a quality standpoint, and his offering will prove to the public that his efforts have been crowned with success. These cattle are direct descendants from some of the best Short-horn families, and are surely worthy of a place in the best herds. A. E. Glenn, of Waterloo, Iowa, consigns several head from his celebrated Angus herd. Frank Hoyt, of La Porte City, will also be a liberal consignor of fine individuals, are just the right age, being from 14 to 18 months old and are bred in the right lines. Remember, this sale is made to sell the horses and cattle offered at the price the public may see fit to pay for them. We do not expect to get \$10,000 for any one stallion nor \$5,000 for any one bull, but we do expect to make this sale a clean business transaction and we will insure those who are desirous of purchasing any of the above offering that they will not be disappointed in the quality of our horses and cattle, as you will find our draft stallions will be big, bold and flashy, and they have a draft horse look to them, and will meet the approval of those looking for the right kind. Our Short-horn cattle are pure-bred Scotch and Scotch topped. Our Angus cattle are descendants from the best families known to the breed. From an individual standpoint you will find the bulls in this sale to be low-down, thick-made, mellow-looking fellows, with a fluffy coat of hair, standing on a set of limbs that are faultless. They have a great width of loin, and are good enough to please the most fastidious. Sale commences at 10 o'clock sharp. For catalogs and particulars address,

WM. HOLLAND, MANAGER AND AUCTIONEER, - - WATERLOO, IOWA.

## PUBLIC SALE OF 150 REGISTERED

# SHORT-HORN CATTLE

AT MASON CITY, IOWA, MARCH 28TH

7 PERCHERON STALLIONS AND ONE CLYDESDALE MARE---ALL REGISTERED STOCK

On the above date I will sell, included in the 150 head, twenty head of pure Scotch cattle, among which is Imp. Zoe 5th and Roan Ribbon. Each of these two famous cows have calves at foot. Will sell ten head of young bulls. A great many of the cows in this offering have calves at foot. The first twenty head cataloged are the choicest that I have ever offered. The females will be bred largely to Hampton's Marshal, one of the best sons of Imp. Merry Hampton. A brother to this bull sold for \$1,000. Imp. Roan Ribbon is a daughter of Imp. Red Ribbon 2d, which I sold in 1902 for \$1,000. She has a splendid cow calf at foot by Prince Victor and is rebred to Hampton's Marshal. The sale will be held in Mason City where all can be made comfortable. Address for sale catalog,

A. H. BRETT,

MENTION THE HOMESTEAD

MASON CITY, IOWA.

... J. H. ENO'S ...

## Angus Dispersion

TO BE HELD AT HAVELOCK, POCAHONTAS COUNTY, IOWA,  
WEDNESDAY, MARCH 27, 1907

55

Females of the Leading Families

55

COWS sired by Baron Inca 58611 of the late Wm. Miller herd, also by Cranewood Black Knight 39477 and others. These cows are regular producers of high grade stock as their offspring will show. A number have calves at foot. Herd bull is Cottonwood Floyd 45416 by C. Gaybird 31327 out of Finery 28992. Here are snags but I need the money.

Five Young Bulls 9 to 12 Months Old. They and the heifers are sired by the herd bull. My young stock is in splendid condition. Nothing will be overfat.

Thirty-six Head pure bred Poland sows and gilts of Perfection breeding. Bred to Highland 66223, grandson of Keep On. All big growthy stuff. Snags for farmers or breeders.

Sale under cover--Free entertainment--Write for catalog.

J. H. ENO, - HAVELOCK, IOWA.  
COLS. IGO, SHARTLE AND GROVES, AUCTS.

THIRD COMBINATION SALE OF

## Short-horn Cattle

AT UNION, IOWA, ON THURSDAY, MARCH 21ST

At Mason's heated and seated sale pavilion, at 12:30 P. M. sharp. No postponement on account of weather.

75 CATTLE 45 Cows and Heifers, 15 calves, 15 Bulls of serviceable age. Four cows are straight Scotch. Many are fine milkers. All females are bred to Scotch bulls. The bull offering is a good one; three are straight Scotch--reds and roans. No better opportunity to buy good, useful cattle will be found in Iowa this year. Consignors: A. H. Brett, Mason City; Henry Schwarck, Eldora; C. R. Stubbs, Conrad; Jacob Kinzer, Bangor; F. G. Houghton, Albion; Henry Sheller, Eldora; A. P. Mason & Sons, Union; P. T. Clappitt, New Providence. Usual terms. Free lunch at 12 o'clock. Send for catalog.

A. P. MASON, MGR., - UNION, IOWA.

Cols. Mason, Graham, Menzie, Houghton, Auctioneers.

W. H. Eno and others will sell Short-horns at Sheffield, Ia., March 20th. You can attend both sales.

PROUD ADVANCE DUROC BOARS.

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us.

MANLEY & CO. - LYONS, NEB.

FOR SALE.

A FINE spotted stallion, weight twelve hundred lbs. Address, J. W. Hankey, R. 1, Spaulding, Ia.

When writing please mention this paper.

## Bulls For Sale

THE Iowa State College is offering for sale one good Short-horn herd bull coming three years old; five Short-horn bulls coming one year old; three yearling Red Polled bulls and one Holstein coming one year old. All of good breeding, good individuals and at reasonable prices. Address,

Iowa State College, Division of Agriculture,  
AMES, - IOWA.



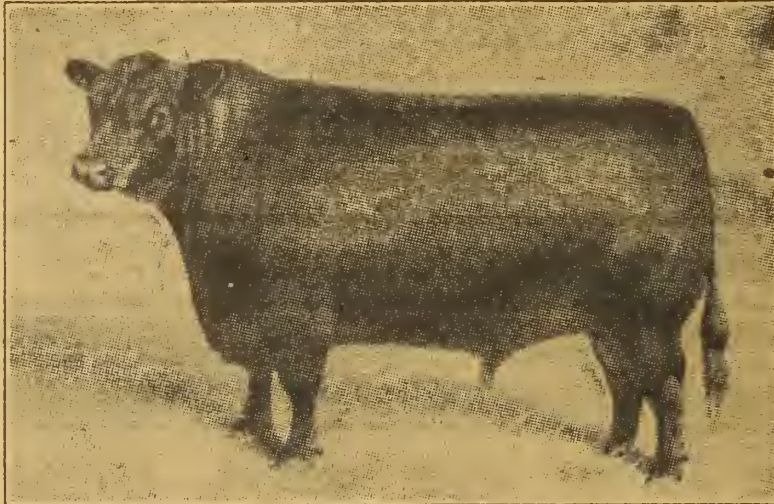
**CLOSING  
OUT  
SALE**

# Aberdeen-Angus Cattle

PERRY, IOWA, TUESDAY, MARCH 19, 1907

**61 Head, 48 Cows and Heifers and 13 Bulls 61**

4 K. Prides  
3 Blackbirds  
2 Queen Mothers  
4 Lavenders  
1 Imp. Pride heifer  
2 Imp. Lavenders  
1 Imp. Trojan Erica



There will be 13 bulls in the sale including our splendid pride bull **PRINCE OF PILSEN** 59249, also a good **TROJAN ERICA**, **K. PRIDE**, a **QUEEN MOTHER** and a **LAVENDER**. All good enough to head herds, besides several others.

PRINCE OF PILSEN 59249.

Owing to a dissolution of the firm we have decided to close out our entire herd. When laying the foundation for this herd we purchased the very best that money would buy, and drew upon the best herds in this country. Now everything will be sold including our splendid K. Pride herd bull, **PRINCE OF PILSEN**, all our breeding cows, young heifers and young bulls. The best families known to the breed are included, and it is one of the best offerings of Aberdeen Angus cattle that will be sold this year. There will be a lot of good young bulls in the sale of the very best families.

**COLONEL IGO, Auctioneer.**

**WHITE BROS., Perry, Iowa**

WRITE AT ONCE FOR CATALOG.

## W. H. McLAUGHLIN'S SHORT-HORN SALE

Scotch and Scotch Topped

**Shelby, Iowa, March 18, 1907**

**40 HEAD**

**28 COWS AND HEIFERS, :: :: 12 YOUNG BULLS**

There will be 8 Scotch cows in this sale and one good young Scotch bull, of the Duchess of Gloster, Nerissa, Jasmine and Lavina tribes.

**Baron Kear 3d, 158073**

Dark red, calved February 15, 1900.

Banner Pro. 124047.....Cookson Bros.  
Mysie 52.....Imp. Prince President 77023.....A. Cruickshank  
Mysie 47th.....Imp. Goldstick 86748.....A. Cruickshank  
Mysie 45th.....Imp. Earl of Aberdeen 45992.....A. Cruickshank  
Mysie 43d.....Crown Prince of Athelstane 2d 16585 David Christie  
Imp. Mysie 36.....Scotland's Pride 25100.....A. Cruickshank

This splendid Cruickshank bull is the sire of most of the young stuff in the sale and is also bred to most of the older cows.

I am selling one of the best drafts of cattle that has ever gone under the hammer in Shelby county. I am putting in some of my best Scotch cows and I also sell twelve good young bulls. One of these is a pure Scotch sired by Baron Kear 3d and he is a herd header. The other bulls will have four and five Scotch tops on them and are a splendid lot. The Baron Kear 3d heifers are bred to the Scotch bull Nonpareil Courtier 3d 238981. There will not be a cow in this sale that is not strictly all right in every way. No shy breeders nor barren cows will be sold. That kind I sell on market. Write for catalog. Address.

**W. H. McLaughlin, Shelby, Ia.**

Col. BELLOWS, Auctioneer.

Shelby, Iowa, is forty miles east of Omaha on the C., R. I. & P. Ry. Parties coming to sale can stop at Tennant, Iowa, on C. G. W. Ry. My farm is 1½ miles from Tennant.

**C. E. CLARKE'S**

## Short-horn Sale

to be held at

**South Omaha, Neb., Wednesday, March 27, '07**

**55 - Head--12 Bulls, 43 Females - 55**

**Best Draft of Short-horns that will be offered this year**  
10 Pure Scotch Bulls--10 Cows with calf at foot  
3 Imported cows

**Several winners of first honors at the International Show heifers and calves that will make winners**

No choicer lot of Short-horns was ever included in a public sale. NINETY PER CENT are pure SCOTCH, descendants of the most noted and popular families and richly bred. Bulls are sons of the great March Knight, Nonpareil Stamp and grand champion White Hall Marshall. Best lot individually ever together in a sale ring. Breeding and quality will satisfy the most discriminating buyer. Will make show animals and herd headers of first class. The females are of exceptional value and highest personal merit. Cows are regular breeders and safe in calf to the best Meadow Lawn bulls. The heifers are daughters of March Knight, Imp. Pennan Commander and Bapton Ensign. Many are of the famous Broadhooks family and promise to add new laurels to the name. The majority have been bred to Bapton Nonpareil, a son of Bapton Ensign, that will win International honors, and Choice Knight, one of the most prominent sons of grand champion Choice Goods. Breeders who wish to secure strictly high-class animals to enrich their herds should not fail to be present. Kindly mention The Homestead and write at once for a catalog.

Auctioneers: Cols. Woods, Bellows and Mason

**N. P. CLARKE, Mgr.**

**St. Cloud, --- --- --- Minnesota**



## DUAL PURPOSE Short-horns at Auction

At Hockett's Sale Barn, Harvard, Neb.

Wednesday, March 20, 1907  
**28** Head of Choicely Bred Cattle **28**

This is one of the best offerings to be sold this year. A number of the cows will have calves at foot and those that have not are safe in calf to good bulls.

### 17 BULLS of BREEDING AGE

They are a thrifty lot of well-bred fellows representing the most noted families of the Short-horn breed. Those in need of herd headers should see these bulls sell. They are of the right age for service and are highly bred. Come and look them over. Catalogs now read. Address any of the following breeders,

H. CARPER, Harvard, Neb.

JAMES STACK, Harvard, Neb.

ALBERT HULTINE, Saronville, Neb.

COLS. CALLAHAN & PAGE, Auctioneers.

## Dispersion Sale entire Herd of RED POLLED CATTLE

Belonging to Geo. H. Smith, Chillicothe, O.

ON THURSDAY, APRIL 4th,

AT SALE PAVILION, UNION STOCK YARDS, CHICAGO.

Write for Catalogs to Geo. H. Smith, Chillicothe, O.

CAREY M. JONES,  
Auctioneer.

GEO. B. BUCK,  
Sale Manager.

Dispersion sale of Borden Stock Farm Red Polled Cattle will be held in Chicago, April 3rd. This will give buyers opportunity of two herds to select from on successive days.

JACKS.

## FOR SALE.



GOOD, large, young, lively heavy bone Kentucky Mammoth Jacks at reasonable prices. These jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

## DeClow's Got'em

The Largest and Best

### JACKS

IN THE WORLD

And the largest number to select from and at the lowest prices.

Please write for photographs of stock.

**CEDAR RAPIDS JACK FARM,**  
Cedar Rapids, Iowa

POLLED DURHAM CATTLE.

## DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER & DEUKER,  
Kilona and Wellman, Iowa.

BERKSHIRE HOGS.

## Prine Farm Berkshires.

Bred sows safe in pig to State  
Fair prize winning boars.

Address,

**GEO. S. PRINE,**  
Oskaloosa, Iowa

When writing to advertisers please mention this paper.

## KENTUCKY BRED

75 Kentucky Bred and Imported Jacks For Sale.

We have more good jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

J. F. COOK & CO.,  
Lexington, Kentucky.  
Or Branch Barn, Newton, Kansas.

BERKSHIRE HOGS.

Heavy Weight

## Berkshires

ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

W. D. McTAVISH, COGGON, IOWA.

## BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,

E. H. DANCER, Lamoni, Iowa

HEREFORD CATTLE.

## WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

## Table Backed Herefords

FOR SALE—20 two-year-old heifers, bred; 30 bulls, ages from 10 months to 26 months; 19 two-year-old bulls at Laramie, Wyo. Prices low; try me.

W. W. WHEELER, Harlan, Iowa

## 40 Choice Hereford Bulls

40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.

EDMONDS, SHADE & CO., Kingsley, Iowa

HEREFORD BULLS FOR SALE.  
GOOD bulls for sale, well-bred Corrector, Fullfiller and Improver's stock, prices right. For particulars address, W. M. McDaniel, Delhi, Iowa.

HEREFORD CATTLE.



BEAU BRUMMEL.

## 8 Young Bulls for Sale

from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers for sale. Popular prices for high-class stock. Address

**G. W. WAY & SON,**  
New Sharon, Iowa

Call at Way's Hardware Store for free conveyance to the farm.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

**John Secor, - Mechanicsville, Iowa**

## HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

## Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red, These bulls are bred right, fed right and prices are right. Address,

**JAMES WILSON & SON, AVOCA, IOWA**

JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## 10 Aberdeen Angus

### BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

**John E. Griffith,**

WASHINGTON, IOWA.

(Mention Homestead.)

WHO WANTS REGISTERED

## ANGUS CATTLE

Of Excellent Breeding and Quality by Car Loads?

FARM sold and cattle must go before March. Western cattlemen, here is your chance to buy registered Angus cattle for less than they are worth. Breeding cows, heifers and young bulls. Address,

LOOMIS FARM, Tiffin, Ohio

## WHEATLEY AND WARD'S

ANGUS CATTLE

Bulls For Sale

GOT by Maplehurst Proteros 47351, Hale Lad 2d 42497 and Gardner's Pearl Rosegay 52837 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

**WHEATLEY & WARD,**  
King City, Missouri

## Allendale Dobbies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R. F. D. **ALLEN BROS., NEW SHARON, IOWA.**

**H. A. Eyeland & Son, Jamaica, Guthrie County, Ia.**

Young Angus Bulls and Females.

HERD headed by Patriot Boy 71682 by Proteros 36980. We have a number of young bulls 9 to 16 months old, one a show yearling. Also some cows and heifers of leading families. Farm seven miles from town. Call or write.

PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. Nissen, Meservey, Cerro Gordo Co., Iowa

ABERDEEN-ANGUS bulls for sale, of the fashionable families, Queen Mother, Erica and Drumm Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

SHORT-HORN CATTLE.

## BANNER'S VICTOR 242584 FOR SALE

2D PRIZE YEARLING SHORT-HORN BULL in Iowa, special class at Iowa State Fair, 1906. Roan, just past 2 years old. A splendid Short-horn individual in splendid condition. Grandson of Cumberland. Address,

**C. R. Warren, Glenwood, Iowa.**

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

**Jas. E. Stephenson, Alburnett, Iowa**  
Otter Creek Stock Farm.

## WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,

**M. D. YARD, Crawfordsville, Iowa**

Walnut Grove Short-horns & Poland Chinas  
CLEAR The Way 231482, winner 1st in 2-yr-old class C and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 53621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

## 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

**C. W. DAWS & SON, Harlan, Iowa**

G. H. George, Monticello, In., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any, hero. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

## BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

**N. A. LIND, Rolfe, Iowa**



## SHORT-HORN CATTLE.

## NEW YEAR'S GREETINGS

12 Scotch and Scotch Topped Short-horn Bulls for sale at modest prices, any of which would make a valuable New Year's present to friends engaged in the cattle business. Six are by Goltman, five by Melba's Victor, one by Viola's Prince. Eight of them are more than a year old, four just about a year old. Among the Scotch bulls is one red show bull 14 months old by Goltman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford to make New Year's presents of them to your friends. Address

A. L. STUTZMAN, Mentioning the Homestead. NEW SHARON, IOWA.

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

EVERGREEN STOCK FARM  
SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,  
Vinton, Benton Co., Iowa

15 Cruickshank and 15  
Cruickshank-Topped Bulls 15

FOR SALE—From 10 months to 2 years old. All reds but one roan. Mostly all sired by Baron Kear 2d 188495. They are the most valuable lot for herd headers that we ever had at any one time. If you want a herd bull send for our bull catalog and come and see them.

OWENS BROS. Homestead Iowa

## SCOTCH BULLS

Got by  
IMP. MUTNEER 172547.

MUTNEER is of Mar's Masie tribe and was got by Bampton Chief and out of Imp. Masie, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutneer. Write your wants.

A. C. BERRY, Unionville, Mo.

HUGHESDALE  
REAL DUAL SHORT-HORNS

HOME of Iowanna 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy winners. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## ARDMORE SHORT-HORNS.

## 10 Scotch and Scotch-Topped Bulls For Sale 10

Sired by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

ARDMORE STOCK CO.,  
Holstein, Iowa

## MALAKA SHORT-HORNS.

Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me:

H. D. PARSONS,  
Newton and Baxter Iowa

Scotch and Scotch-Topped  
HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEANSBURG, ILL.

## Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopeful Knight. Bulls for sale at all times.

G. H. BURGE, - MT. VERNON, IOWA.

CHOICE SHORT-HORN CATTLE  
FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - Newton, Iowa

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hays, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

JONES CO. HERD OF Red {Stuyton Sort 173649  
SHORT-HORN CATTLE {Wampun of Wayside 243046

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

CEDAR LAWN Short-Horns and Polled-Durocs. Ten blocky bulls for sale, ranging from six to twenty months old. Sired by Orange Bud 13584 and Atholman Prince X1773. Prices right. Address, J. S. Schneider & Son, Letts, Iowa.

NOVINGER & SONS'  
SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirksville, - Missouri.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawley Buds, five Victorias, five Duchess of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR & SON,  
Davenport, - Iowa.

CATALOG  
Of Young Bulls For Sale  
Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 318 Flynn Building,  
Des Moines, - Iowa

BARGAINS IN  
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,  
ALBION, IOWA. or LISCOMB, IOWA.

CRUICKSHANK  
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

SCOTCH BULLS  
FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138559, also an Acantius and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

## WILDWOOD SHORT-HORNS

ALL REDS AND DEHORND.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,

W. W. VAUGHN, - Marion, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

## DUROC JERSEY HOGS.

## 40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great S. Wineshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - KENNARD, NEB.

## PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

## KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL & SON, - MACON, ILL.

## FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.

H. B. GRIFFITHS, - Bowen, Ill.

FOR SALE: TWENTY HEAD of pure bred Duroc Jersey gilts. Bred for April farrow to a son of Crimson Wonder Agila. Address, Sherman Edwards, Bondurant, Iowa.

DUROC JERSEYS Boars ready for service. Sows bred, pigs at weaning. L. R. Kuey, Adrian, Michigan.

## DUROC JERSEY HOGS.

## FOR SALE.

TITLE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & MCCABE, Hersman, Brown Co., Illinois

## KENTUCKY'S NOTED DUROC HERD

COMMODORE 13331, first and champion and headed first prize aged herd at Illinois, Kentucky and Tennessee State Fairs, 1906, heads herd, assisted by Top Notcher 10th, Kentucky Col. 2d, Sensation 9th and Commodore 3d.

Amos W. Harris & Sons, - Waverly, Ky.

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and lifted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST, CEDARVILLE and XENIA, OHIO

## CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

U. G. DAVIDSON, - MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1906 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

BUDDY K. IV HIGHEST PRICED DUROC BOAR  
...EVER SOLD AT AUCTION....

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

MC NEIL BROTHERS, - BOWEN, ILL.

## AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

80 BIG BONED DUROC JERSEY RED PIGS 80  
FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA  
TILE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

## FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. GARRETT, - Lehighville, Iowa.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sattou, Nebraska.

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL - BLAIR NEB.

## SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, - SAC CITY, IOWA.

## GREENDELL HERD DUROC JERSEYS.

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.

F. H. HERRING, - Kalona, Iowa

Shipping point Iowa City.

Havelock Herd Duroc Jerseys  
Nothing now for sale.  
Best of blood represented.

E. K. YOUNG & SON, - Havelock, Neb.

## 25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen, - Odell, Ill.

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

FOR SALE—Forty Duroc Jersey bred sows and gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free delivery, Buckeye, Iowa, mail, Alden, Iowa. J. W. Briggs.

## PLEASANT DALE STOCK FARM

LEO F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

SPRING pigs sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

FOR SALE—Duroc Jersey gilts bred for April and May farrow to Golden Tip 1791A, also a few boars sired by Red Champion 12351A. Prices reasonable. Write, F. Bowman, Eldora, Iowa.

If you want choice pigs sired by Fashion Improver by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

GILTS! GILTS! GILTS! Duroc Jerseys. Address, The Roycroft Farms, Mutual Phone 794, Des Moines, Iowa

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Limestone, Iowa.

L. H. ROBERTS & SON, PATON, IOWA. CHOICE Duroc Jerseys. Boars and sows all solid. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

## RED OAK HERD

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 48087, a son of Kant Be Bent. They are safe and ready to ship. They are sired by Top Notcher's Model 37663. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

## 12 GOOD ORION BOARS

FOR SALE. These are out of some of our very best Duroc sows and it is about this last chance to get an Orion boar. Write quick if you want one.

MANLEY & CO., LYONS, NEB.

## GOLDEN HERD DUROC JERSEYS

WE are now offering a few very good boars mostly of April farrow of the kind that please, also a few open mature sows, one a noted prize-winner. Farmers' prices on boars.

Hood Bros., (Swine Specialists), Lake Park, Ia.

## DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Nidlinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$76.80, will be priced reasonably. Telephone connections. A. L. DIOSMAN, RADCLIFFE, IA.

HAVE a few good Duroc bred sows for sale, bred to Chief Knight and Imp. King. Also have a few extra good Sept. male pigs, sired by Ham's Challenger 31277. They have good length, extra broad with good bone and feet. To make room for spring pigs will be sold at very reasonable prices.

F. A. Ham, Saronville, Nebraska.

## 10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to furrow in May. Will weigh 250 lbs. or more. Bred to Long Alix and Redwood Chief.

AUSTIN RENSCHAW, - Blair, Neb.

## 20 Duroc Jersey Gilts

AND 6 yearling sows, bred, all choice ones. Write, S. M. Deyoe & Son, Mason City, Iowa.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF  
RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

OTHO ROYD, - Virginia, Neb.

Joseph Kestel, John Schrotberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address,

G. W. SHARP, - MARBLE ROCK, IOWA.

C. M. & St. P. and C. R. I. & P. Rys.

## RED POLLED CATTLE FOR SALE. Both

sexes, at reasonable prices, Frank L. Pim, Lucas, Iowa.



## DUROC JERSEY HOGS.

## GOLDEN HERD DUROGS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Amelion, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

## Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, 1st Chief 1 Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

## LIVE STOCK AUCTIONEERS.

Col. Judd McGowan  
Clinton, Illinois.

## Ten Years' Experience

IN SELLING for the best breeders in several states, have made sales in eleven states in past five years. Terms reasonable. Write or wire.

FRED REPPERT,  
DECATUR, IND.

## Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312

## GEO. P. BELLWS

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

C. C. KEIL, LADORA, IA.,  
LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

J. P. SPEARMAN, PAPILLION, NEB.  
LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

## O. L. MOSSMAN, Auctioneer.

Fine Stock and Farm Sales. All Work Absolutely Guaranteed. Phone or write for dates. Phone 41, 15. Reference: Polk City Savings Bank.

POLK CITY, IOWA.

F. H. JACKSON, Rutland, Ill.  
LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

HARRY W. GRAHAM,  
Live Stock Auctioneer and Pres. American Auction School

Third Term Opens July 8, 1907. All Branches Auctioneering. CHILLICOTHE, MISSOURI

C. E. LUTHER,  
GRAND JUNCTION, IOWA.  
LIVE STOCK AUCTIONEER.

Sales in six states. Terms reasonable.

R. W. BARCLAY  
Livestock Auctioneer, Mason City, Iowa.A. V. LOCK, REMINGTON, INDIANA  
Live Stock Artist.

Work satisfactory. Prices reasonable.

## CHESTER WHITE HOGS.

HUMBERT & WHITE'S  
"Combination" Chester Whites

THE premier herd at the Iowa and Illinois state fairs, where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner COMBINATION. Write us for a Combination pig and get the quality that wins. Address, F. D. HUMBERT, F. P. WHITE, Nashua, Iowa, New Hampton, Iowa

## Pleasant Grove Herd Chester Whites

BOARS all sold. Have to offer 25 bred gilts which are bred by my famous boar, White Lender 16513. Greatly reduced prices until February 10th. Write me your wants. Address, I. M. JANSSEN, R. R. 3, P. O. Box 627, Sibley, Iowa

## Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

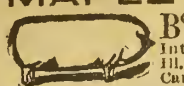
## CHESTER WHITE HOGS.



## SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## MAPLE GROVE CHESTER WHITES.



BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Bear, R. R. No. 1, Neponset, Illinois.

## EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

W. F. HEMMERLING,

DIKE, GRUNDY CO., IOWA

## Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS,

R. F. D. 6

GENESE, ILLINOIS.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection. FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

## Chester White Spring Pigs All Sold.

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## White Oak Herd of Recorded Chester Whites

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, 'phone or come and see them.

J. W. TROY & BROS., Rose Hill, Mahaska Co., Iowa

## POLAND CHINA HOGS.


50 BIG POLAND CHINA SOWS  
AT PRIVATE SALE

GAY MONARCH, The 1,000 lb. Boar.

Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.


SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

E. F. ESCHER, Manning, Iowa



**WELLMAN HERD OF RECORDED POLAND CHINA SWINE AND SHORT-HORN CATTLE.**

100 FALL and summer pigs, three to seven months old, 54 boars and 46 gilts. Sired by my two great herd boars, Black Chief and G's Perfection Jr. Can furnish pairs and trios not akin. 25 large, roomy bred gilts. Ten head of Scotch and Scott Topped bulls for sale. Herd all straight reds. Herd headed by the prize winning bull Laurel Knight 170762. Have shipped stock into 32 states and 1 ter. Write for pictures of herd bull and boar, free on application. Address, C. F. SHAFFER, R. Route No. 4, WELLMAN, IA.



40 RICHLY BRED POLAND CHINA SOWS  
AT PRIVATE SALE.

SURED by such noted boars as Chief Perfection 2d, Top Chief, Ideal Tec. and other noted sires. Most of them are bred and safe in pig to Immense, a prize winner at Ohio State Fair. Others bred to Perfection Grand. Write for description and prices.

E. H. ANDREWS, KEARNEY, NEBRASKA.

**45**

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, it's Perfection 39012 out of Nemo L's Dude, Teoumseb and Perfection sows. Write us. We can suit you. Address,

**45**

DEFIANCE, IOWA.

WM. RAY & SON.

Willowdale Herd.  
Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,  
Maynard, Iowa

## WILCOX HAS BRED SOWS FOR SALE.

M. R. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blandville, Illinois.

## GROWTHY POLAND CHINA GILTS

BRED to first-class herd boars for March, April and May litters. Parents big boned, mature stock of best breeding. Gilts 200 to 240 pounds, \$20 and up. Short-horn and Polled Durham cattle, all sizes at attractive prices. Address, P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L's Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.

## CHOICE POLAND CHINA GILTS

BRED to M's Perfection, a splendid hog sired by Matchless Perfection Jr. If you want something good at a reasonable price write me. Address, F. L. Morse, Floyd, Iowa.

## 50 Poland China

BRED SOWS.

## Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, Lanark, Ill. On C. & M. & St. P. R. R., 120 miles west of Chicago 20 miles east of the river.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

POLAND CHINA SOWS—Sired by Waggoner's Giant 102973, a 900-lb. hog, with 10½-inch bone and bred to Corrector 3d 119423, he got by the World's Fair winner Corrector 2d 87899. These are good, roomy sows, good length of bone and well quartered, with good coats. They will be priced right. J. F. Waggoner, Rural Route 2, Olin, Iowa.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Mischief Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.

M. G. Arnold, Strawberry Point, Iowa

## W. H. JONES, CLEMONS, IOWA

## POLAND CHINA SOWS AND GILTS

GOOD profitable breeders, growthy, lengthy and right in bone. Sixteen years' breeding experience. Mail orders a specialty.

## LARGE YORKSHIRE HOGS.

## Large, Improved English Yorkshire Swine.

F. Rabeler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations, Oak Lodge Minstrel 8th 1855 and O. L. Fustler 6443, two imported boars and Minnow Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

## LARGE YORKSHIRES.

World's Fair Champion Herd.

SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

THOMAS H. CANFIELD,

Box 2, Lake Park, Minn.

## HORSES.

## Percherons and Belgians



I Have the Largest and Best IMPORTED Percheron and Belgian Stallions in America.

Prices, \$1,000 to \$1,400; mostly \$1,000 to \$1,200 each. New importation of German Coachers arrived Mar. 12, 1907, \$1,000 each. Write for photo of fifty head. Address,

CEDAR RAPIDS JACK FARM, Cedar Rapids, Iowa Please write for photographs of stock.

FOR SALE.  
Percheron, Clyde

Stallions and Mares At prices all can buy.

Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired. Address, A. H. BRETT, Mason City, Iowa

## 80 STALLIONS

THE BEST IMPORTED STALLIONS

ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

A. LATIMER WILSON, CRESTON, IOWA

## H. LEFEBURE'S BELGIANS.

Best and largest collection of Belgians in America, imported and home bred; 8 mi. west of Cedar Rapids on 2 railroads. The greatest Belgian horse market in America. Cedar Rapids and Iowa City elec. car passes 3 mi. E. of farm every hour. Come and see or send for catalog. H. Lefebure, Fairfax, Ia.



## Two Percheron Mares and One Good Stallion For Sale.

I HAVE two good Percheron mares that I will price right if taken at once. They are richly bred and are safe in foal to an imported ton stallion. They are jet black and will weigh right at 1,900 lbs. I also have a fine two-year-old stallion colt by Casino 27830 first prize and champion at World's Fair in 1904. Write me for particulars.

E. C. GWINNER, Holdrege, Neb.

## FOR SALE—FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES

IMPORTED and native-bred, ranging in age from 3 to 6 years old and weighing from 2,100 lbs. to 2,200 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered.

C. T. Gollehon, Blair, Neb.

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10.

Maasdam & Wheeler, Fairfield, Iowa

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

## SHIRES, PERCHERONS, BELGIANS—IMPORTED horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

STALLION, English shire, Mark 5698, sire Park S Hero II (10142) dam Silk and Satin (V. V. VII) by Marshland Active (1481) color bay, weighs 2160 lbs. Will sell right, 10 years old. Fred Galliers, Albia, Ia.

20 IMPORTED Percheron stallions arrived Jan. 4, 1907. Your choice, but one, for \$1,000. Also home-bred stallions. Frank L. Stream, Creston, Ia.

FOR sale, 4-year-old registered Shire stallion, right in every way, good bone, weight between 19 and 20 hundred. W. S. Speur, Stanwood, Iowa.

PERCHERON AND SHIRE STALLIONS. Prices from \$200 to \$600 each. Address, E. Fugler, Yates Center, Woodson Co., Kansas.



HORSES.

# LAKEWOOD PERCHERONS

## AT PUBLIC AUCTION

SIoux CITY,  
IOWA,  
WEDNESDAY,  
MARCH 20,  
1907.



IOLANTHE, Champion mare at Iowa and Minnesota state fairs, and the Chicago International, 1906.

70  
REGISTERED  
STALLIONS,  
MARES  
AND FILLIES

For the reason that many of our former customers were unable to fully supply their wants at our December sale, we have decided to hold a March sale. We will offer at this time 25 head of choice stallions, including all we had reserved for sale at private treaty, among them some of our State Fair and International winners; also 45 of our best mares and fillies. Many of these mares and fillies we had intended for our own breeding, but have decided to catalog them, as we want to make this sale unusually attractive. Most of the mares are bred to the world-famous CALYPSO and the champion OLBERT. Send for catalog.

**LAKEWOOD FARM, - - - ROCK RAPIDS, IOWA.**

H. G. McMILLAN, PROP., C. M. DENT, MGR., COLS. F. M. WOODS, P. McGUIRE AND DAN SAYRE, AUCTIONEERS.



## Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

**Watson, Woods Bros. & Kelly Co.,** LINCOLN HOTEL BUILDING Lincoln, Neb.

## THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props.  
Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 championships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equaled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

J. CROUCH & SON.

Departments:

Sedalia, Mo. Nashville, Tenn. Seattle Wash. Sacramento, Cal.

## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## FOR SALE AT A BARGAIN

KING WILLIAM 12782.

Registered French Draft Stallion. Foaled June 1899, Weight 1,800; also have some Scotch top bulls for sale. W. A. JOHNSTON, Prairie City, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Thirt Bros., Osceola, Iowa.

## For Sale or Trade

The Great Stallion, Summer G., No. 32,362, Standard and Registered Weight 1,300. A good individual, a sure breeder of good colts. For sale cheap or will exchange for other livestock. Address JOHN T. GRAHAM, : Prairie City, Iowa.

PERCHERON STALLIONS AND MARES FOR SALE. Blacks and grays. Nady Brothers, Fairfield, Iowa.

## MILLER'S IMP. PERCHERONS AND FRENCH COACHERS.



Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.

S. J. MILLER,

KIRKSVILLE, MO.



HORSES.

## Trumans' Champion Stud

We wish to announce to the PROSPECTIVE BUYERS of STALLIONS that we have at the present time in our stables at BUSHNELL, ILL., upwards of 100 OF THE VERY CHOICEST SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS and we are offering them for sale at VERY LOW PRICES, taking the EXTREME QUALITY of the HORSES into consideration. We have rising THREE-YEAR-OLD stallions weighing up to 2,130 pounds and MATURED STALLIONS up to 2,300, full of QUALITY with MASSIVE, HARD, CLEAN BONE AND GOOD FEET. Our sale at Kansas City March 27th in no way interferes with our trade here, AS THE STALLIONS ARE NOW IN OUR STABLES THERE.

Never in the history of our business have we had so many FIRST CLASS STALLIONS as at the present time and in order to accommodate ANOTHER importation that is ready to leave England, we are making SPECIAL PRICES ON OUR STALLIONS IN ORDER TO MOVE THEM.

It is our endeavor to sell IMPORTED STALLIONS AT THEIR VALUE and to this end have been working ALL THE TIME TO GET BUYERS HERE TO SEE THE STALLIONS. We have never had a BUYER GO AWAY DISSATISFIED, but all say we have the BEST lot of DRAFT STALLIONS they have ever seen. If you are going to buy a DRAFT STALLION this season PLEASE WRITE US.

Our catalog will be mailed for the asking if you MENTION this paper. Address,

**Trumans' Pioneer Stud Farm, Bushnell, Ill.**

## CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

EASIEST TERMS.  
PROTECTION FOR TWO  
YEARS.  
MOST LIBERAL  
CONTRACTS ON EARTH  
A NEW PLAN



FINEST HORSES:  
BREEDING, SIZE, QUALITY,  
STYLE, FINISH,  
ACTION, DARK COLORS.  
GUARANTEED  
FOAL GETTERS.

**Our Own New, Personally Selected, Direct Importation.**

A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.



## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAYBURNER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition. Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

## PETER HOPLY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

**FOR SALE:** Imp. Shire Stallion Teft Right Stamp 5704, ten years old, 2,280 lbs., in show shape. A prize winner in England, 1st at Illinois State Fair, and 2d at the International, 1900. "Peaches and Cream." Come or write. Address: T. A. Stevenson, Shannon City, Iowa.

**CLYDESDALE STALLION FOR SALE**  
I have a choice pure bred three-year old stallion, sired by the great MacGregor horse Imp. MacLure, and out of the Cedric horse, Prince Durnley, for sale at reasonable price. Come and see him. Laban Harrison, Prescott, Iowa.

HORSES.

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs was the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE;" "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 102 Percherons, Belgians and Coachers 102

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES;" they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

IKKEY! What a rich graft there "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$3,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holter." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA



## TAYLOR & JONES,

IMPORTERS AND BREEDERS OF  
PERCHERON, SHIRE, HACKNEY AND  
BELGIAN STALLIONS.

We are selling our Stallions direct from our barns and are selling better horses at from \$700 to \$1400 than any firm in America. We have a few sensational show horses that will come a little higher. Special prices to dealers wishing to buy from 3 to 15 stallions.

We have won more prizes at the Illinois State Fair, "the greatest fair on earth," for the last three years on draft horses than any firm, and we have always been at the top at the Chicago International.

We are located on main line of the Chicago & Alton R'y., 12 miles north of Springfield, Illinois, also on new Interurban railroad that is now running cars every hour between Lincoln and Springfield, connecting with lines from St. Louis, Edwardsville, Carlinville and Decatur. Handsome illustrated catalog free. Address,

## TAYLOR & JONES,

WILLIAMSVILLE, BOX 68, ILLINOIS.

## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.

M. L. AYERS - SHENANDOAH, IOWA.

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## PETERSON'S BLACK PERCHERONS.

FOR \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot. H. E. PETERSON, LYONS, NEBRASKA



## Making the Home Cheerful

How to Provide Amusement for Old and Young

### Fun and Entertainment for All

The editor of this magazine has frequently urged his readers to do all they can towards making the home as cheerful as possible for all the family.

Now I want to tell you how you can cheer and brighten your home in a simply wonderful way.

Read what Thomas A. Edison the world's greatest inventor "the wizard of the 20th Century" has said:

"I want to see a phonograph in every American home."

If you have never had a genuine phonograph in your home you cannot imagine what a wonderful pleasure it will be to you.

"What pieces can I hear on a phonograph?" some may ask.

Well, you can hear almost anything. There are 1500 genuine Edison gold moulded records and you can have your choice of these.

Suppose you get some vaudeville records reproducing to absolute perfection the greatest comic artists. Then take some band music, Sousa's Marches, Waltzes by Strauss, soul stirring lively music; then grand opera concert pieces as well as the finest vocal solos; also comic songs, ragtime, dialogs, comic recitations, piano, organ, violin, banjo and other instrumental music; all kinds of sacred music, duets, quartettes, full choruses.

The Edison records are perfect—absolutely natural—and unlike the inferior though higher priced records of others the Edison records never become rasping and scratchy.



### Fun For Everybody.

The most rollicking minstrel music in the world. Comic songs and recitations that set everybody in a roar, putting all in the merriest humor, and casting out every care and every worry. Don't you want your home to ring with the merry laughter of old and young? Don't you want your friends to hear the very latest things that have brought pleasure to the great world? Surely you do. The Edison Phonograph plays and sings them for you quite as well as could the great artists if they were right in your own home.

This wonderful instrument, I think, is far, far better than a piano or organ, though costing only one-fourth or one-eighth as much; for it gives you endless variety, it always plays perfectly and anybody can play it.

With an Edison phonograph in your home you can arrange a concert at any time with just such a programme as brings \$1 and \$2 a seat in the opera houses of a big city.

Or if you like dancing you can arrange a dance in your home or in any hall; for the Edison phonograph is loud enough.

Furthermore with the Edison phonograph you can make your own records reproducing to perfection your own voices and the voices of your friends and children. These records you can keep for years and years having the voices of the absent ones always with you.

Yes, indeed the Edison phonograph is "the king of entertainers for the home."

Don't Bother with Writing a Letter. Simply sign coupon, put in envelope and mail to-day.

### Coupon

Frederick Babson  
Mgr. Edison Phonograph Dists.  
149-150 Michigan Ave.  
Suite 3243 Chicago, Ill.

Without any obligations to me please send me your complete Catalog of Edison Gen. Edison Standard, Edison Home and Edison Triumph Phonographs, free circulars of New Special Edison Outfits and complete Catalog of Edison gold-moulded records, all free, prepaid.

Name

Address

# Mr. Edison Says:

"I want to see a Phonograph in every American home."

The Phonograph is Mr. Edison's pet and hobby. Though he has invented hundreds of other wonderful patents he has retained his interest only in the Phonograph Company, of which he owns practically every share of stock. Mr. Edison knows of the wonderful pleasure his instrument has provided and is providing in thousands of homes.

## The New Style (1907 model)

### Genuine Edison Outfits—

at one-fourth the price of inferior imitations!

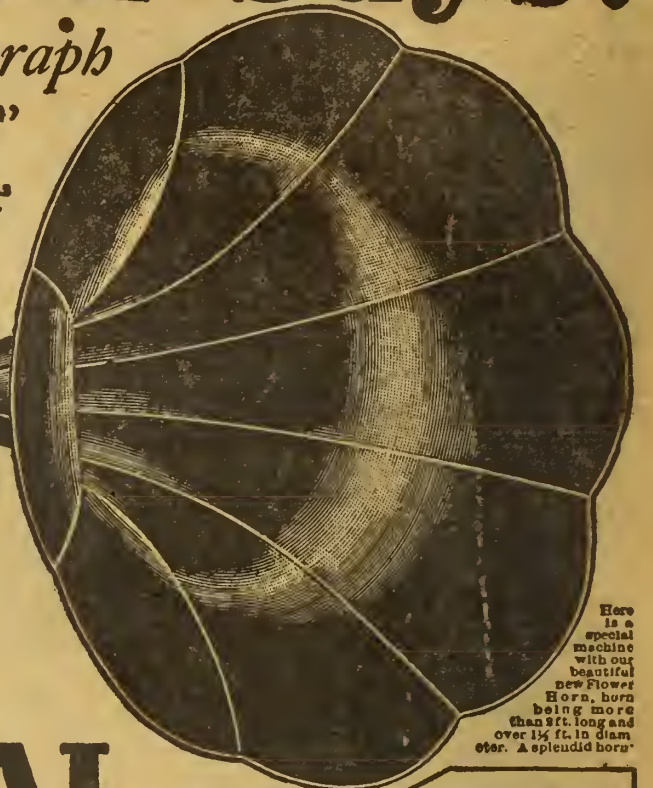
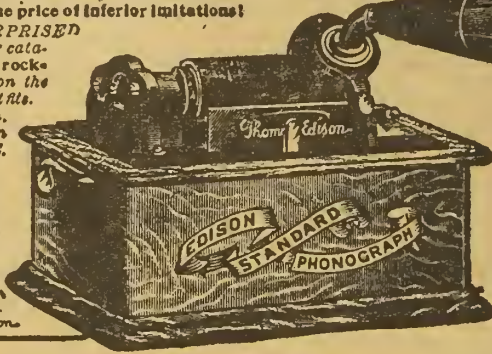
You will be SURPRISED

when you see our catalog quoting the rock-bottom prices on the finest Edison outfits.

Sign the coupon, and get the Edison catalogs FREE.

Here is Mr. Edison's signature which you will find on every genuine Edison Phonograph. Look for this trade-mark.

Thomas A. Edison



Here is a special machine with our beautiful new Flower Horn, horn being more than 2 ft. long and over 1 1/4 ft. in diameter. A splendid horn!

# FREE TRIAL

Read every word of this straightforward offer.

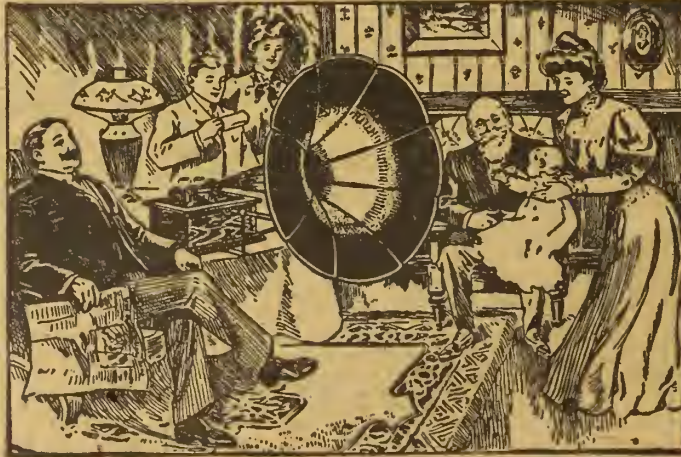
While this Offer lasts every responsible, reliable person can get on free trial a genuine Edison Phonograph Outfit, including 12 Edison genuine gold-moulded records, direct from us to your home: positively not a cent in advance—no deposit—no bother with C. O. D.—no formality of any kind. We allow 48 hours' free trial at your home; and in rural districts up to a week if necessary for convenience of patrons.

Try the instrument at your home, play the stirring waltzes, the two-steps, concert pieces, minstrel dialogs, old-fashioned hymns and other religious music, beautiful vocal solos, operatic airs and other beautiful Edison gold-moulded records. Play all these and if then you do not care to keep this wonderful Edison outfit, send the instrument back at our expense—and we will charge you absolutely nothing for the trial.

We make this remarkably liberal offer to all responsible, reliable parties because we know that after trial hardly anybody ever returns an Edison outfit. When trying it you will see at once the vast superiority of the genuine Edison, particularly our new special Edison outfits, over ordinary talking machines; you and your family and everybody that calls at your house will be more than pleased—constantly amused and entertained and you would not part with the instrument if it cost twice or three times what we ask. Read what the Editor of this paper says in first column of this page.

## Music for Your Home!

Entertainment for the old and the young! No end of pleasure for all the family! An Edison Phonograph means endless variety; it is far better than a piano or an organ, and everybody can play it perfectly. You cannot imagine how much pleasure you will get from an Edison Phonograph until you have tried the instrument in your home.



# \$2.00 A MONTH

Now Pays For a Genuine Edison Phonograph Outfit

including one dozen genuine Edison gold-moulded records. \$3.00 a month and upward for larger outfits. The great Edison Outfit No. 5 for only \$3.50 a month!

This Easy-Payment Offer places a genuine Edison Phonograph—long known as the luxury of the rich—within the reach of everyone—and because we charge only the lowest net cash prices without even interest on monthly payments, the rich are also taking advantage of this modern method of saving and are buying Edison instruments on the EASY-PAYMENT PLAN.

## CUT OFF THIS COUPON NOW!

To assure prompt shipment in case you order, do not fail to write AT ONCE for the free Edison catalogs. Remember—no money in advance—Free Trial—no deposit! Clip the coupon now and mail it today.

No Discount for Cash. So many cash purchasers are taking advantage of this opportunity to secure direct the finest Edison outfits that we are often asked what discount we can allow for cash. We are obliged again to say that we can give no cash discount, for the prices in our catalog are the lowest net cash prices established by Mr. Edison himself, and as the retail dealers throughout the country are positively prohibited from selling genuine Edison Phonographs below these catalog prices, our patrons will recognize that we ourselves cannot afford to violate this rule.

FREDERICK BABSON, Mgr., Edison Phonograph Dists.

Suite 3243 149-150 Michigan Ave. CHICAGO, ILL.

[The Editor of this paper cannot urge his readers too strongly to consider this offer. For the offer is so straightforward and I know it to be exactly as represented. Just think! A genuine Edison phonograph and 12 genuine Edison records for \$2.00 a month! And a free trial besides before you pay Mr. Babson one cent! Don't miss this offer!]

Look for this trade-mark:

Thomas A. Edison

## READ WHAT OTHERS SAY

Here are just a few of the hundreds of letters constantly reaching us from those who have accepted the Free Trial Offer—just a few letters to show how satisfied, how enthusiastic the people are when they get the Edison Phonograph on free trial.

Find enclosed my first payment on Phonograph. Accept my many thanks and highest appreciation for your wonderful machine, your fulfillment to the letter of your agreement, promptness in delivering and fairness in every particular. I shall delight in answering all letters as to you and your instruments.

E. B. Hale, Webster Groves, Mo.

I received the Edison Phonograph I ordered a short time ago, and will say it is more than satisfactory in every way. I am a farmer, and it seems good to hear such good music and song after a hard day's work is ended. I think we should all thank Mr. Edison for the great pleasure his musical wonders afford us.

E. A. Pike, Rowe, Mass.

I have tried the Standard Edison Phonograph and it is "dandy." My father-in-law has another well known make of talking machine but it and a rather expensive one, too, but since he heard my Edison machine he won't play his machine at all.

James W. Ekins, Bedford, Ind.

Of all the other talking machines we have heard play, we think a trial proved yours the best.

John Kent, Grandview, Wis.

The Phonograph I received is a splendid instrument, and we are all enjoying it very much, and we all agree that it has no superior.

J. M. Von Kennel, Cheyenne, Wyo.

Your Phonograph is more than you claim for it, and no words can describe the pleasure it gives to old and young. I have, of course, often heard the Edison, but I never realized before what it meant to have your instrument in one's own home. You may have anybody write to me.

(Prof.) J. W. Flwood,

1406 Farnam St., Omaha, Nebr.

Received instrument today, every thing just as you stated it would be. Would not believe it now for \$50.00.

E. D. Ellison, Tacoma, Wash.

Your machine is, indeed, one of the finest entertainers I ever heard. There has been a crowd at my house every night since I received your outfit.

(Mayor) E. W. Walton,

Buonerville, Miss.

Your Phonograph should be found in every home. I would not think of being without my machine now I have tried it.

Hans Christensen,

Garland, Minn.

People whom I consider judges of music, say, without any exception, my Edison is the best and plainest they have ever heard.

E. J. Carter, Spring Lake, N. Y.

The No. 5 outfit was received in good order. Yesterday I mailed you the first payment. I was so well pleased with your machine that I did not wait for your bill, but paid at once.

R. O. Woods, Mattoon, Ill.

Read also what the Editor of this paper says in the first column of this page.







VOL. LII. NO. 12.

DES MOINES, IOWA, MARCH 21, 1907.

WHOLE NO. 2592

### THE FARMER NEVER A BOOR.

One of the Chicago papers announces the conclusion that the common notion of the farmer must be entirely abandoned; that "the long-whiskered individual who says 'by heck,' has hayseed in his hair, is interested in the lake front explosion and is ready to consider favorable propositions for the transfer of title in the Masonic temple, is a passing type." The writer of the article from which we have just quoted is of the opinion that all this has been brought to pass in the past few years, and that the rescue of the American farmer from his former crude state is the work of the rural telephone, the rural mail carrier, and the distribution of newspapers, magazines and other mediums of intelligence in the rural districts.

It is not an agreeable task to dispel the illusion under which this writer is evidently laboring; but the fact is that the American farmer never was a boor, a clown or a clodhopper; that he was the original American gentleman of the highest type, and that the tendency and disposition to treat him otherwise was from the beginning simply the smart vulgarity of a half-baked urban civilization. The really polished city man recognizes merit wherever he sees it. It is the novice in town or city life who, conscious of his own deficiencies in culture, exposes his lack of assured position in the scale of gentility by jeering at those whose refinement is not wholly a matter of surface. There has been progress in manners in our cities and towns in the present generation, and that progress is best evidenced by recognition of the superiority of the American country neighborhood as a type of community life. The cities are slowly rising to the level of the country. Agriculture was the largest and most respectable industry of the colonial period of this country. George Washington, the finest gentleman of whom early American history gives us a record, was a farmer and an extremely good and practical farmer, interested in every problem of the farm—a breeder of good horses and cattle, a student of agriculture, and the prototype of the farmer as he is today. He loved his calling, and never ceased to long for the broad acres he had deserted when, as leader of the revolution, he

gave eight of the best years of his life to fight for the country's independence.

It is all very well to recognize the farmer as the substantial factor he is and always must remain in American life; but let us hear no more of his sudden rise from crudeness and uncouthness to decency and refinement. The situation simply calls for apologies from those who did not recognize the country gentleman when they saw him.

### THE WORK HORSE'S MEALS.

Prices for good horses have been so brisk during the last year or two that men have been tempted to part with everything that could be spared. As a result, farmers of the great central West will possibly undertake to put in the 1907 crop with fewer horses than have been used for this purpose for many years.

It is a question, therefore, of getting more units of labor out of the horses we have on the farm or take less pains in putting in the crop. The latter we cannot afford to choose, though the former is not without its difficulties that must be overcome.

The extra units of work must originate in the manger. It may mean that a more expensive ration must be used than in the past, and also that this shall be given with better judgment than is ordinarily the case. The average horse in the central West goes through his spring work on corn, and corn alone. In most instances this is fed in the ear. It is simply a ration of corn in the morning, another at noon and a third

at night, and this is repeated day after day, with about all the hay that the animal will eat in addition.

On this ration the average horse will do a fair day's work and keep in fair flesh, but he will not give the service that will come from the feeding of a greater variety, and especially from the use of feeds that are more flesh-forming in character.

A mixture of equal parts oats and corn will give much better results than straight corn when fed to the work horse. Of course this ration is somewhat more expensive than corn alone, but, considering the kind of service that one will usually receive in return, we think that it is still the more sensible ration. If oats are scarce and corn plenty, a very sensible ration can be made up of three or four parts of corn and one part of oats. If the corn is shelled and these grains well mixed, a horse will hardly ever tire of the mixture, and he will eat enough to keep him in normal flesh under heavy pressure of work.

As a rule, men who have considerable to say on the feeding of horses advise the use of bran. We have always liked bran, but it is even more expensive than oats, ordinarily, and our experience is that one can get along without it very nicely if he has on hand a good quality of corn and bright, heavy oats.

As to the amount of grain that should be fed daily, much must be left with the man who does the feeding. A draft horse weighing from 1,500 pounds up will usually require about six quarts at a feed, though we have known cases where

1,200 pounders would work every day on twelve quarts; that is, four quarts at a feed, of oats and corn. No man can tell another one just how to feed his horses, and therefore we repeat that much must be left to the judgment of the teamster.

When horses are on heavy machinery every day we believe that it pays to go to the limit on the feeding of grain and cut down the hay ration to ten or twelve or fifteen pounds a day. Horses will do their work much more snappy and will keep in a better condition of flesh if they are given about all the grain they will eat and but little hay, than will be the case if they are put on a partial grain and full hay ration.

### PROPOSED WATERWAY FROM CHICAGO TO ST. LOUIS.

A formidable movement is on foot in Illinois, under the leadership of Governor Charles S. Deneen, looking to the construction of a great deep waterway to connect the great lakes and the gulf. By the time this article reaches our readers, it is probable that a special message already prepared by the governor will have been laid before the general assembly of Illinois, emphasizing the need for such a waterway and its advantages to the agricultural, commercial and manufacturing interests of that great state and the country at large. The message is accompanied by a voluminous report from the state improvement commission created in 1905, treating the subject both economically and

historically. It is two hundred and thirty-three years since the famous Joliet, in a letter written to Father Dablon from the head of Lake Michigan, first proposed a canal across the Chicago divide, by which boats could pass from the lakes to the great river. The project has never been quite lost sight of; and, since the building of Chicago and the settlement of the state of Illinois, it has been almost constantly agitated. It now comes to the front as a really practicable plan, at a time when the construction of waterways as correctives of the railway rate situation is more seriously and generally mooted than at any time during the past fifty years. The vast project of the enlargement of the



IMP BY TAYLOR AND JONES, WILLIAMSVILLE, ILL.

Shire Stallions, first prize herd, get of sire, Illinois State Fair, 1906. Got by Hendre Baronet, a stallion that was leased for the season 1903 for \$5,000. Imported, owned and for sale by Taylor & Jones, Williamsville, Sangamon County, Ill., at prices from \$1,000 to \$1,500. New importation reached the barns March 9, 1907.



Erie canal; the proposed ship canal between Lake Erie and the Ohio river; this proposed canal connecting Lake Michigan and the Illinois river and, above all, the Panama canal are looming up as mighty factors in limiting the powers of the railways to levy toll upon the productive forces of the farm, shop and mine.

Railway regulation, as favored by the president of the United States, is along extremely moderate lines. It does not contemplate the original making of rates by congress or the interstate commerce commission. The railways are to make their own schedules, under the mildest and most general restrictions; and they are to be corrected only upon complaint and hearing, subject to court review, and then not in a sweeping way. Publicity and the natural operation of economic causes are expected to do most that is done to make rates reasonable. Discriminations between shippers and localities are prohibited. Within these broad limits, President Roosevelt expects the transportation problem to solve itself. He is even reported to be willing to restore to the railways the legal right of pooling their earnings, thereby eliminating competition. His evident theory is that the public is interested mainly in equality and stability of rates, and much less so in the reasonableness of carriers' charges. Senator LaFollette represents another element, by no means small, who believe that rates must be both stable and equal and also reasonable and that they will never be really reasonable until watered stocks are no more, and railway valuations are ascertained and put on a solid foundation of actual cost.

Under either of these theories of solving the railway problem, waterways are an important element in the safeguarding of public rights. The people of Illinois and, indeed, of the entire Mississippi Valley are to be congratulated on the vigor with which Governor Deneen is pressing this great matter upon the arena of practical affairs. The farmers of the middle West will watch the movement with the keenest interest.

#### FEEDING BROOD SOWS.

The following communication has been received from a subscriber at Cambridge, Neb.:

I would like a little information about the feeding of brood sows that are to farrow the latter part of March and the first of April. These sows weigh about 250 pounds now. I have on hand plenty of corn, oats and barley, corn being worth twenty-six cents a bushel, oats twenty-five cents and barley thirty cents. I also have some rye which is worth forty-five cents per bushel and shorts can be purchased for \$15 per ton, tankage \$37 a ton and oil meal \$2 per hundred.

At the prices named, exceedingly good results will be obtained by feeding a ration composed of equal parts of corn, oats, barley and shorts. These grains may be fed either whole or ground, depending entirely on how the sows are thriving. If they seem to do well on the whole mixture fed dry, there is no need of going to the expense of grinding. During real cold weather it might be advisable to feed the sows a little ear corn in addition. One must be guided in this matter by their condition.

It might not be inadvisable to add either tankage or oil meal to the ration, using either one of these by-products to the extent of about 5 per cent of the total food used. These are flesh-forming foods and they are highly adapted to the use of brood sows. Of course they cost more per pound than the other grains, though, considering their protein content, they are not so expensive.

We presume it is not necessary to dwell on the amount of food that should be fed to brood sows, this being a matter that must be entirely left to the man who does the feeding. Keep their appetites in such condition that they clean up with dispatch all the food given, and yet give them enough so that they are kept gaining right up to farrowing time.

Where one has access to soft coal slack or where it is convenient to make a little charcoal out of cobs or old wood it will pay to put in a little supply for the brood sows. In fact, we always believe that a self-feeder kept supplied with material of this kind mixed with salt is about the best paying proposition on a hog farm. It is not a difficult matter to make one that will hold two or three bushels and place it so that the sows may have access to it at all times.

#### PUTTING MANACLES ON EDUCATION

When the Iowa house of representatives, one year ago, defeated the so-called board of control bill for the government of the State University, the State Agricultural College and the State Normal School, The Homestead hoped that the measure would never again be urged for passage in the general assembly. Regarding the bill, though supported with the best of intentions, as a menace to the large, free development of education in Iowa, and especially as certain to have a stifling influence upon agricultural education, we opposed its passage; and the cordial approval with which our course was greeted by the farmers of the state demonstrated such a determination not to accept the proposed change that we have taken it for granted that the legislature would be too familiar with public sentiment in the rural districts to resurrect the objectionable project. In this, it appears, we were in error. The bill has again been introduced; has passed the senate by a majority only one less than that of last year, and is being aggressively supported in the house of representatives. Unless the farmers of the state again come to the rescue as they did a year ago, their interests will suffer the severe blow which this ill-advised measure involves.

The Homestead will be pardoned for saying that it is perhaps in a better situation to know the state of public opinion among the farmers and stockmen of Iowa than any other publication or any other institution in the state. Our mail brings us daily hundreds, and sometimes thousands, of letters from Iowa farmers. The Homestead's one hundred thousand subscribers are farmers and a vast number of them reside in Iowa. Its issues are read in every county, township and school district. On the average, over six hundred farmers in every county are regular readers of this paper. They regard The Homestead as peculiarly their spokesman and representative, and their letters to this office are frank and outspoken. We are stating the fact mildly when we say that they are earnestly opposed to a board of control for our educational institutions, though supporters of such a board for penal and eleemosynary institutions.

It is hardly necessary to restate the farmers' position on this question. It concerns primarily and especially the Iowa State College of Agriculture and Mechanic Arts. The farmers are cordially friendly to all public schools, from the district school—the mightiest of all factors in American development—up to the State University. But the Agricultural College is par excellence their school. They are proud of it as one of the world's great agricultural schools. They take pride in its superb work and in its world-wide fame. They rejoice in the results it is accomplishing. They approve its present broad-minded and competent management. They thoroughly trust that management on both its educational and its financial side. And they dread a change which cannot improve the conduct of its affairs and may result in seriously hampering its freedom and retarding its growth and development.

Farmers are conservative. They have little of the restless spirit which craves change for the sake of change. Bold and radical in maintaining their rights when invaded, their strong common sense always rallies against uncalled for innovation. Their opposition to the board of control bill is along this line.

The board of control bill proposes a single management for these three great, splendid institutions and a management aimed primarily at financial rather than educational results. It proposes to take

away the ardent support which a specialized management gives to each of the three schools and to substitute a common management which cannot partake of that loyal and enthusiastic character which individual management imparts. From necessity, both the division of attention among the three institutions and the emphasis this measure places upon mere financial considerations must work for slower progress and narrower development. This is not intended by the supporters of the measure, but it cannot be prevented, because this tendency is inherent in the plan itself.

Bad for the University and bad for the Normal School, the measure is infinitely worse for the Agricultural College, because technical education calls for broad, liberal and progressive methods and is stifled by picayunish economies and what is popularly called "red tape." The Iowa State College has on its faculties great specialists in the several fields covered by its courses. Would it not be short-sighted folly to throw about the work of such men, the hampering and disheartening restraints which a board of control expected to make a record of cold-blooded economies would necessarily import?

It will probably not be too late, when this issue of The Homestead reaches its readers, for the farmers of Iowa to make known to their representatives at Des Moines how they feel regarding this disaster-bearing measure. Let them act without delay. Let them write or, still better, wire their members of the legislature entreating them to defeat the board of control bill and thereby refuse to put shackles on agricultural education.

#### UNAVAILING BLUSTER.

The word appears to have gone forth from influential centers of railway management that the public must be warned that grave dangers are ahead if the president of the United States and the legislatures of the several states persist in their policies of regulation and control of railways. Veiled threats are heard that if a halt is not called, railway improvements will cease and financial institutions will refuse to furnish funds even to provide rolling stock to carry the rapidly increasing products of American industry to market. It was even suggested, not long ago, that half a dozen railway presidents confer with the president and beseech him to issue a manifesto to the state governments advising them to call off the dogs of legislation, leave the control of railway and other corporations to the national government and thereby avert various and sundry dire consequences alleged to be inevitable if the capitalization and management of railways are subjected to state control. Wall street, too, "got busy" at the psychological moment and gave an exhibition of its capacity for hysterical activity in buying and selling the watered stocks whose position in the market is always a subject of solicitude.

Strange to say, the public has calmly pursued the even tenor of its way, kept both its head and its feet, and refused to believe that the country is in any danger from what congress and the state legislatures, under the leadership of the president, have been doing.

A great, ably managed business like that of our American railways, which has been permitted to develop along lines of its own choosing, without let or hindrance, is naturally averse to being brought into the full light of publicity and subjected to the restraints of law. Admirable as our railway system is as a whole, it has not reached its present great height without serious abuses arising; and it is inevitable that railway managers should shrink a little from letting the public see the seamy side of the fabric they have been weaving. They should not, however, become unduly exercised over the public determination to correct certain irregularities and to bring the great business of transportation under legal control.

Nothing really drastic or radical is seriously proposed either at Washington or, so far as we have heard, at any of

the state capitals. Where there have been reductions of freight rates, they are moderate and reasonable. The requirements that railway employees be not required to work under strain for long hours, endangering human life by wholesale, are only decent and moderate. Laws compelling the companies to furnish cars to all shippers promptly and on equal terms are no more than the American people ought to enact and enforce. They are simply along the line of the railways' best interests. It is perhaps a little embarrassing to some of our railway magnates to be exposed in the stock-jobbing and stock-watering schemes whereby certain of their number have made overgrown fortunes; but the exposure is really a protection to the legitimate investment market. The state legislatures are perhaps a little inconsiderate in making reductions of passenger rates immediately effective, not giving the companies time to prepare their traffic departments for the change; but these matters, though inconvenient, are not vital; and, judging by past experience of railway regulation in the states, all this legislation is really in the interest of the railways and will result in increasing their revenues.

It may as well be assumed, once for all, that the American people will never destroy or permanently repress or injure any legitimate industry. The American farmer, who is the strongest force behind this legislation, is no extremist. He is a just man, a fair and reasonable man, a conservative man. He is even a patient man in submitting to wrong, and moderate in action when aroused by persistent injury. No amount of bluster will drive him from his well-chosen positions. He wants only what is right and is just now not disposed to accept anything less. The interests of the railways are safe in his hands—safer than in the hands of stock-jobbing manipulators.

#### Alfalfa Experiences—Seeding.

To the Editor of The Homestead:

Select your ground, add a few loads of well-rotted manure per acre to sweeten the soil and to promote bacterial growth. As soon as the frost is out in the spring, disk thoroughly by half lapping to leave the ground level, until the surface is in garden like tilth; on corn land a double disking will usually be sufficient. If you are going to sow in the fall the manure must be added and the disking done as soon as the grain is cut. This prevents the loss of any more water, places the soil in condition to take up any rain that may fall and to check the weed growth until sowing time.

Get your seed as near home as possible. That is probably a good rule with all seeds, except potatoes, and in no case get southern seed, as it will not stand the winters so well. If you must depend on commercial seed, send a sample of it to your experiment station or to the United States Department of Agriculture for examination for adulteration. Alfalfa seed is expensive and you cannot afford to pay the price and get something else.

Twenty pounds of good clean seed per acre is sufficient if your seedbed is in prime condition for sprouting the seeds. We prefer to sow broadcast, using any good hand seeder. A drill is too apt to get the seed in too deep; it should not be covered more than one inch, as much of it will fail to come up if covered too deeply. We cover with an ordinary harrow.

If the soil is sandy or so devoid of humus that it is inclined to drift, one of two ways of preparing and seeding may be followed: The "corrugated" method, which is simply to prepare the land with an eight-tooth cultivator, then sow the seed and it will be covered at different depths and if that which comes up first is destroyed that which comes later may escape the fate of the first. A better way, I believe, is to sow the land to cane first; after the cane is cut disk the stubble as light as may be to secure the seed bed and sow the seed. The cane stubble will prevent the drifting of the soil.

Bear these in mind. Plow not (this year); disk thoroughly; sow good, clean, home-grown seed; sow last of April or first of May, or in August; use twenty pounds of seed per acre; use no nurse crop; clip weeds, but clip them high; get your having machinery out, for it will keep you busy.

Keith county, Neb. H. D. Lute.



## Farm Furrows

Turned by a Practical Farmer.

The man who keeps up to date will relegate a good many of his notions to the tall timber every year.

Did you ever see a couple of green-horns put on boxing gloves and go at one another as though they were "killing snakes?" Young ambitions must have their outlet.

Corn-belt herds of swine have been unusually healthy this winter. We surmise that the scarcity and high price of pork have made growers more careful of the health of their herds.

Western live stock has suffered its usual losses. It has been reported that the loss this year is of sufficient consequence to reduce the market receipts perceptibly for some months to come.

It makes a good deal of trouble to always have to bother with a basket of eggs and a jar of butter when one goes to town, especially when he has on his best clothes; but it certainly makes one feel like wearing good clothes when it comes to settling grocery bills at the end of the year that have already been paid up.

I hardly believe I could enjoy a country where the change in the seasons was not marked. I like to see the winter come after all if it does make one shiver. Then again, I am glad to see it go and in place of the cold heavy clouds that hang overhead see the white fleecy ones that indicate the coming of sunny days and fine weather.

The greatest death rate recorded for any one disease in 1905 was that from tuberculosis of the lungs. Pneumonia follows closely, while the dreaded cancer shows a steadily growing death rate, though less than half as much as that credited to the first-named disease. It is the same old story of poor ventilation to which a large share of the first two named diseases are due.

The barnyard that is situated on a side hill next to a small stream is located in an ideal place for good drainage. Such a location is very common, yet I believe that if it could be known just how much of the value of the manure seeps away with the rain water a great many people would relocate their stock yards. Where there is forty rods or so of pasture or farm land, through which the surface drainage water must



H. C. GUMBEL

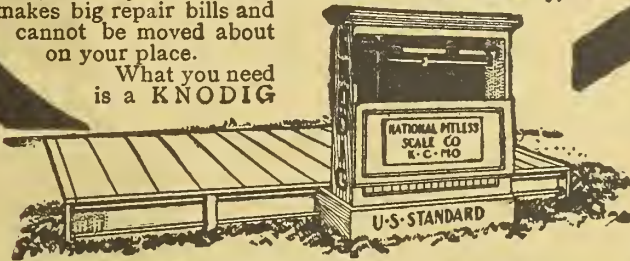
scale you like best. I will ship it to you all ready to do business as soon as it is set up on your place. If it doesn't suit you for ANY reason, I will take it back, pay freight BOTH ways and send you a check to cover the expense of setting up and taking down the scale.

How's THAT for a liberal offer? I couldn't afford to make it unless I was absolutely SURE that my scale was right, could I? Well,—I DO know it. You see, I make the "KNODIG," and can afford to stand back of it. My 10-year guarantee shows how much faith I have in it. No other scale is backed up by the manufacturer as mine is.

Now, you can't afford to buy one of those inaccurate, cheaply constructed Pitless Scales, which will do poor work and last only a year or two, nor a high-priced, old style Pit Scale which makes big repair bills and cannot be moved about on your place.

What you need is a KNODIG

My Scale is Used by the U. S. Government in the Post Office at Kansas City



## Let Me Send You a "Knodig" Pitless Scale on 30 Days' FREE TRIAL

YES, that's just what I mean, Friend; an absolutely free test of my scale for one month. You have nothing to pay in advance, no notes to sign, nothing to do but give the "Knodig" Pitless Scale a full, fair, free test in the actual weighing of your stock, grain, hay and farm produce for 30 days.

If you think this plan is a good one, write for my splendid new illustrated "Knodig" catalog, look it over carefully and pick out the scale you like best. I will ship it to you all ready to do business as soon as it is set up on your place.

My plan saves you all the middlemen's profits. Deal direct with me. No Agents, Salesmen, Jobbers or Dealers stand between you and my factory.

Why should you pay from \$30 to \$50 more for the empty privilege of buying through an agent or dealer? Does it make the scale you buy any better? Does it add one single penny to its value? Then why not save the middleman's profits and keep them in your own pocket?

Remember, I am willing to PROVE that the "KNODIG" Pitless is the scale you need. I will send a set to you or to any responsible Farmer, Stockman, Elevator Man or Grain Dealer on a month's free trial. Write me personally for the new Knodig Pitless Scale Catalog. It contains over 40 fine half-tone pictures that will interest you.

The book is free. You will want to see it. Write for it today to

H. C. Gumbel, Gen. Mgr.,  
National Pitless Scale Co.,  
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Kansas City, Mo.

Cut Out and Mail this Coupon Today.

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Please send me your big FREE Knodig Scale Book by first mail.

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flow, of course there is but little value of the barn liquor lost.

On a farm that is devoted to general farming there can be some feature that may be specialized to a certain extent without over-crowding one with work. Use your own community for this illustration. Neighbor B is known as a good farmer and one that always has a few bushels of choice seed corn on hand. Neighbor C is generally the first man to be visited by horse buyers, for if any-one in the neighborhood has any first-class horses he has. Your neighbor over west has cows that always look a little better and give a little more milk than

the average run of cows. Now, where would you send a buyer of any of the above should you be unable to supply him? Now, in return what can your neighbors send buyers to your farm for?

It is my opinion that there are not nearly so many fights, that is, hand-to-hand encounters, as there were twenty-five or thirty years ago. I can remember when somebody got a good cudgeling almost every Saturday night on the square.

The other day in driving through a town I noticed a house made of red cement blocks. It has always seemed to us that houses built of cement blocks looked stiff and unhomelike, but this one was certainly a striking contradiction of that idea. I notice now that there are also forms of prepared roofing on the market that are other than plain black.

I like to see the colt with plenty of bone in his limb. Of course the colt with great, big, heavy joints and lots of substance is not the prettiest looking object to cast your eyes on, but someday you can depend upon it—if he is kept out of barbed wire fence and fed right, he will make a draft horse that will excite the envy of any good horseman.

A subscriber, J. H. Sanford, of Colorado, gives the following treatment for a lantern that has chronic tantrums: Take a soft wire, says Mr. Sanford, and thrust it down through one of the flues or tubes, hook in a bit of cloth and draw it back through the tube, thus sweeping out the dead flies, soot, dust, cobwebs, etc., which are the cause of the trouble. Serve the other tube the same way. If you cannot get the wire through, fill the tubes with soap suds, give your lantern a good shaking and you will change darkness into light.

There is evidently an explanation for every odd practice. It is said that the reason for odd prices is that while the change is made the purchaser naturally looks around and sees more bargains. Therefore if your wife buys a pound of coffee for nineteen cents and while waiting for the change sees some teapots marked twenty-one and a half cents she will probably take one of them on the return of the clerk. This will necessitate the purchase of six and a half cents' worth of baking powder to save

## JOIN THE UNITED STATES NAVY

GOOD PAY, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentices, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.

the half cent that would otherwise have been lost on the teapot.

Why is it that so many men who are absolute failures in their own business affairs are so fond of giving advice to the other fellow? I have a neighbor who has failed at everything he ever undertook and I heard him the other day pouring advice on practical agricultural topics into the ear of one of the most successful and one of the most up-to-date farmers of my acquaintance. It is always thus.

How much difference one observes in farming communities. Take, for instance, the plan for the building of barns. In some communities every barn will be of the low, flat-roofed pattern. I always wonder what people think of, wasting so many shingles. I always thought the barn with the high eaves and hip roof furnished the greatest amount of barn room for the amount of money that was required to build it. To my opinion such a barn has a much better appearance, too, than the low, flat kind.

### IT PAYS TO BUY THE BEST MACHINERY.

In buying farm machinery it pays to buy the best, even though it costs a little more. Remember that low prices and good machinery do not go together. Breakdowns are expensive. One delay in a breakdown is liable to cost a man more than the difference between the price of a high-grade and a low-grade machine. A good rule to follow is to investigate the different makes of any machine you wish to buy. Don't depend too much on what your dealer says. You can easily tell the difference in value. For example, take a manure spreader. You will find that some have oak and some pine poles. You know that oak is better. You will find the same difference in the main frame. Some are oak and some pine. Examine the timber with your knife. Go right through the material piece by piece. Then another good thing to consider is the weight. If one machine weighs, say 1,300 pounds and another 2,200 pounds, you can see that there is a difference in the cost of manufacturing. A fair value of finished material in a machine like a spreader is four to six cents per pound. If you figure it at \$4 per 100 pounds you will surely be on the safe side. You can't expect to buy a big, heavy machine made of the best material at the lowest price. Buy good machines and take care of them and you will be a big gainer in the end.

## This Little Pig Went to Market and Got Top Price

Clean hogs are healthy hogs and make profit. 42 State Agricultural Colleges use Zenoleum on their hogs, and unhesitatingly in Bulletin after Bulletin, recommend you to do the same thing. So do America's most successful hog breeders.

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### Makes Hogs Wallow in Profit

Disinfectant destroys disease germs, makes sanitary quarters, prevents contagious diseases from taking hold. Famous for warding off and avoiding hog cholera. As a dip, it kills lice, cures mange, eczema, scours, sores, scurvy, canker, surfeit and wounds. *Non-poisonous when taken inwardly*, and is a sure relief from intestinal worms.

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**At All Dealers**—Small size, 25 cents; Quart, 50 cents; Half gallon, 90 cents; One gallon, \$1.50; Five gallons, \$6.25—or we will deliver one gallon or more, charges paid, to your station. **Ask Your Dealer First.**

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A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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## AGRICULTURAL CONDITIONS IN IN- DIA.

The government printing office at Washington has recently issued a report by Mr. Charles M. Pepper, special agent of the department of commerce and labor, upon "Trade Conditions in India" which, if we mistake not, will prove as interesting to the farmers of the United States as to our brethren who are primarily interested in commercial rather than agricultural prosperity. The work reveals large competitive possibilities in the great irrigation schemes of the British government in that far-away land, and also shows limitations on progress which mean that whatever changes result from the government's immense activities will be gradual rather than sudden.

There are already 40,000,000 acres of irrigated land in India, of which 20,000,000 acres are under state control. The total length of irrigation canals has grown from 9,000 miles in 1891 to nearly 50,000 miles in 1906. The Punjab is the seat of the most extensive works, this being the region of the five rivers whose waters are tributary to the Indus. Very large extensions of these vast public and private works are projected, which will greatly increase the production and exportation of wheat and cotton and the production of cane sugar. Sugar is not likely to become an export crop for India, but its increased production will involve diminished importations of beet-sugar from Austria and Germany, which will thereby become more determined and aggressive competitors of other sugar-producing countries.

Mr. Pepper's comments on the methods

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The wagon you are looking for; the wagon folks are all talking about. By every test it is the best—no living man can build a better. Of course you have guessed that it's the

## ELECTRIC HANDY WAGON

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WALL TO BUILD

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TRUE WEIGHT CO.  
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# Ask him he knows



## DIPOLENE

### THE ONE MINUTE STOCK DIP

When you want advice on law you consult a lawyer, don't you?  
And why? Because he is an authority on that subject.  
When you want advice on important agricultural matters why not apply the same rule as in the case of the lawyer, or doctor.

**Consult an authority**  
On the question of "Dips" and "Dippings" we say, ask Prof. W. J. Kennedy, of Ames Agricultural College—he knows—he's an authority.  
He is a man that has spent a life time studying and experimenting to obtain the best ways and means of breeding, feeding and rearing farm stock. Naturally fighting and preventing disease has occupied much thought and attention in his life work.  
That's why we say, "he knows."  
We asked him about "Dips" and "Dippings" not long ago and here is his reply. Its worth remembering—it's authoritative.

Iowa State College, Ames, Ia.

**MARSHALL OIL CO.**  
Gentlemen: In response to your favor concerning Dipolene I wish to say it has given very good satisfaction in all our tests in which we have used it, pertaining to cattle, sheep and swine. I think that farmers as a rule are too economical when it comes to the point of purchasing dips. If more were used there would be much less disease on farms.

Yours very truly,  
W. J. KENNEDY,  
Professor Dept. Animal Husbandry.

Isn't that good advice! Why not follow it?  
Note the suggestion he makes for preventing disease on the farm.

Go to your hardware, implement dealer or druggist and ask him for a can of Dipolene on our no-money-down

### 30 Days Free Trial

plan. Take it and test it according to directions. If it does not do all we claim for it take it back. You're nothing out. If your dealer does not handle it send to us direct. We pay the freight. Could you ask for anything more fair and honest than that?

Ask your banker about us, or write to our business house or bank in Marshalltown.

If your dealer handles it—get it from him on same terms, if not, send to us direct.

Don't accept the "just as good" kind. There is none like Dipolene. It's the best and the offer above proves it.

Protect yourself—get a can today. Remember, you can't keep the standard of health among your stock up to the highest notch as long as disease germs lurk in their pens, troughs, sheds or barns.

Your stock can't escape disease if their general condition is not strong enough to ward it off and Dipolene will effect the purest, most sanitary conditions possible.

The cost will be but a few cents. The saving possible is hundreds of dollars.

Ask for booklet "Dipping for Dollars," a story of a fellow farmer. It will interest you.

Our Improved Dipping Tanks are the best on the market. Special construction prevents animals from falling or turning over. No chance of drowning. Circular and prices free.

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Oskaloosa, Mason City, Ia., and Lincoln, Neb.

and needs of agriculture in India are extremely interesting and suggestive. The great majority of the more than three hundred million inhabitants of the country are engaged in agriculture; but India is not an eager or omnivorous market for farm tools. The sub-division of both land and labor is so minute that nothing is or can be generally done on a large scale, as on the farms of the United States or Argentine. But a more powerful hindrance to the introduction of machinery is the immovable conservatism of the Hindu cultivator, who, according to Special Agent Pepper, "uses the same type of wooden stick for turning over the sun-baked soil that his ancestors used three thousand years ago. Sometimes the handle is perpendicular to the fork, sometimes it has an angle of thirty degrees. The bullock treads out the grain or it is winnowed by hand flails as it has been for centuries. The sickle or curved knife and the scythe in the hands of the coolies reap the wheat as has been done from time immemorial." Yet there is a limited market for the simpler and more elementary farm implements, if offered at low prices. Light plows, irrigating pumps, corn shellers and windmills are slowly finding their way into a permanent demand.

It is evident, however, on the whole, that while the Hindu farmer may, through irrigation and by slow educational evolution, be made a much larger producer of foods for the world's markets, he will not prove a smashing rival to the American farmer or any other agricultural producer whose brain is large and well-nourished and who is free from the ruinous fetters of caste and unreasoning conservatism.

## THE WEST THE CENTER OF POWER.

Boogaboos die hard. Some of them have great vitality of their own and others are kept alive because they are useful. The Twentieth century has buried a good many of them and there are indications that others will get their quietus as the march of events proceeds. The American people are especially prone to smash senseless old traditions and substitute for them the living precepts of present-day experience.

A severe jolt was given last week to one of these hoary old beliefs—the opinion which used to prevail that Wall street governed this country; that when that once important and imposing creation of the financial interests sneezed, sound logic and good reason required that chills pass up and down the national spine. Wall street became dreadfully alarmed one day last week, lest the policies of publicity regarding the capitalization of corporations and government regulation of their affairs should "destroy confidence;" frighten the lambs so that they would not flock down to Wall street to be shorn, and work blue ruin from Maine to California and from the lakes to the gulf. For two days, the gamblers and speculators of the stock exchange demeaned themselves like madmen, working themselves into a frenzy over imaginary ills

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American Harrow Co., 153 Hastings St., Detroit, Mich.

about to befall the country. Then, finding that the whole farce had been much ado about nothing and that the country outside of New York City was jogging along at its usual pace, refusing to get excited, the brokers decided that there was no occasion for a panic, broke into enthusiastic cheers over the unexpected elasticity of the financial situation and dispersed to reflect over the fact that this is no longer a little country, consisting mostly of one big city and a large tributary region; in short, that the West is the center of national power and gravity and that Wall street can no longer sway it at will.

This is not the first time that the financial powers of the East have found their most violent local disturbances too weak to move the mighty West from its moorings. The Northern Pacific "fury" of 1901 on Wall street would have ripened into a fully matured panic in the country as it used to be. The West took note of it, smiled and pursued the even tenor of its way. The half-way "panic" proved simply a corrective, and led the way to better and more prosperous conditions instead of to hard times. Last week's eastern financial storm was in itself quite a gale, but it did not budge the sturdy oaks of western finance.

Even as far back as the genuine panic of 1893, the West developed unexpected financial strength and held the structure of the nation's credit firm and steady till the storm and stress had passed over. The Homestead at that emergency underwent an experience which demonstrated how really fanciful and imaginary the panic was. Believing that the West would not be seriously affected by the threatened depression and that its resources would prove abundantly equal to sustaining enterprises conducted in a spirit of confidence. The Homestead went ahead and erected a costly new four-story building for its own use. That this belief in the stanchness of western resources was justified found demonstration in the fact that one year's earnings paid for the building! The Homestead ignored the alleged "depression;" pushed on into new and broader

fields, and never, in a single year, failed to record a gain in business actually done.

The seat of power has been transferred to the great Mississippi Valley. The West is the center of national power, financial as well as political. The farmer, steadily paying his own debts and next becoming the banker and creditor of his community and the whole country, has proven a steady force in our national life. With his products fairly choking the channels of commerce so that the steel mills and locomotive works cannot turn out rails and engines fast enough to meet the demand, the country's entire situation takes on a new aspect. It is evident that, with the advent of the western farmer upon the scene as the principal actor, the days of the wild, unreasoning financial panic went by, never to return again.

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With Irritating Skin Humor—Hair Begun to Fall out—Wonderful Results from Cuticura Remedies.

"About the latter part of July my whole body began to itch. I did not take much notice of it at first, but it began to get worse all the time, and then I began to get uneasy and tried all kinds of baths and other remedies that were recommended for skin humors; but I became worse all the time. My hair began to fall out and my scalp itched all the time. Especially at night, just as soon as I would get in bed and get warm, my whole body would begin to itch and my finger nails would keep it irritated, and it was not long before I could not rest night or day. A friend asked me to try the Cuticura Remedies, and I did, and the first application helped me wonderfully. For about four weeks I would take a hot bath every night and then apply the Cuticura Ointment to my whole body; and I kept getting better, and by the time I used four boxes of Cuticura I was entirely cured, and my hair stopped falling out. D. E. Blankenship, 319 N. Del. St., Indianapolis, Ind., Oct. 27, 1905."



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No Spreader is best, or even good, unless  
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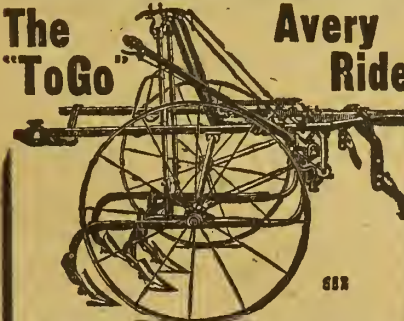
The Great Western will cost you just a little  
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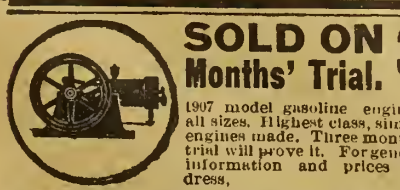
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**The TOGO** (BOUND TO GO) furnished with any style  
gangs or shovels. In common with all Avery  
Cultivators it has the usual "Go-In" to it as well as  
their easy handling and light draft features. Some  
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lacks none of the good points of other Hammocks  
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want it to show itself. Price reasonable. Write  
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**SOLD ON 3  
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1907 model gasoline engines,  
all sizes. Highest class, simple  
engines made. Three months'  
trial will prove it. For general  
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**Holland Engine Co., Dept. L, Cedar Rapids, Ia.**



**TRY THE LANKFORD  
COLLAR CURE**  
Cures galls, sore necks and sore  
shoulders while working the  
horse. Fits any shaped neck, guar-  
anteed. Cotton lined, and flexible,  
strictly humane collar. Costs only  
\$1.00. Circular and book free.  
**THE POWERS MFG. CO.,  
1405 Commerce St., Waterloo, Ia.**

## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer,  
who has had years of experience at the bar. He  
will give accurate and reliable answers to all legal  
questions when they are of sufficient importance to  
be of practical interest to any considerable number  
of our readers. Subscribers who desire questions  
answered in this department should base them upon  
a brief, plain, concise statement of the actual facts.  
To insure immediate attention inquiries should be  
addressed to "The Legal Department," in care of  
this paper; but as the inquiries sent are at times  
very numerous, thus delaying printed answers,  
those to whom it is important to receive an im-  
mediate reply by mail should remit \$1.00, addressed as  
above.

### LAW QUESTIONS CONSIDERED.

#### DEATH OF LESSOR.

A Subscriber, St. Charles, Mo.—C, who  
is a widow, leased seventy-five acres of land  
to A and B, who are brothers, for a term of  
five years. They pay cash rent every six  
months. In case C should die before the  
expiration of the five years, would A and B  
have to give up their lease?

Answer—They would not. The admin-  
istrator or executor of C's estate would  
collect the rent from A and B until the  
term expired, and they would hold pos-  
session of the land meanwhile.

#### OUTLAWED NOTE.

Mr. Frank W. Lee, Radcliffe, Iowa.—What  
is the statute of limitations in the state of  
Illinois, on a promissory note secured by  
mortgage on real estate, dated February 8,  
1893, due in three years after date, with  
interest paid every year?

Answer—Ten years after the note be-  
comes due—that is, on the 9th day of  
February, 1903—the note would be out-  
lawed unless meanwhile the maker  
should give a new promise in writing  
to pay; then ten years from that prom-  
ise.

#### ANOTHER MAN'S DEBTS.

A Subscriber, Cazenovia, Wis.—A, B and  
C and others are stockholders in a co-oper-  
ative creamery company. The company is  
not incorporated. A and B each own a good  
farm. C is an extensive lumber dealer. In  
case C should become insolvent, could his  
creditors compel A and B to pay his debts?

Answer—C's creditors could not com-  
pel A and B to pay their claims. They  
could, of course, have C's stock in the  
creamery business sold to satisfy their  
claims, but that would not affect the  
creamery stock of either A or B, and  
could not possibly make them liable in  
any way.

#### TAXATION IN TWO STATES.

Mr. W. T. Spurlock, Richmond, Kan.—On  
February 16, 1906, I was assessed in Iowa,  
where I then lived, on my personal property.  
On the 20th of that month I had a sale and  
at once moved to Kansas and purchased a  
farm, and have paid the taxes on it. Will  
it be necessary for me to pay taxes in both  
places, thus making double taxes for the  
year?

Answer—The taxes on personal prop-  
erty in Iowa are assessed against the  
person who owns said property on the  
1st day of January. In Kansas all per-  
sonal property must be assessed against  
the person who owns it on the 1st day  
of March. You will therefore have to  
pay the Iowa assessment, and also any  
assessment on your personal property  
made on 1st day of March after your  
arrival in that state.

#### STEPCHILD NOT AN HEIR.

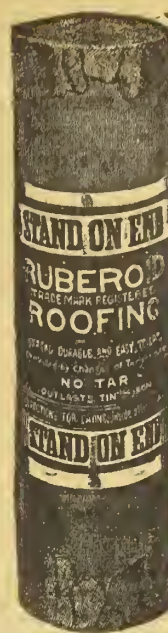
A Subscriber, Allen, Neb.—A man with  
one child married a woman who had one  
child. After their marriage they bought and  
paid for a farm, the deed being in the hus-  
band's name. The wife's child took the last  
name of its stepfather and is recognized as  
his child. It is a girl and was about five  
years old when its mother married. The  
husband is willing for this child to share  
in the estate he will leave, but has taken no  
steps in relation to the matter. In case of  
his death will the wife's child be entitled to  
any part of his estate under the laws of Ne-  
braska?

Answer—It will not unless the man  
legally adopts the child as his own by  
proceedings in the county court. If he  
should do this the child would be his  
heir the same as though it were his  
own child. Of course he could make  
a will and give the child a share of his  
estate without adopting it.

#### LIFE ESTATE—FEE SIMPLE.

A Subscriber, Fennimore, Wis.—A hus-  
band died after making a will in which  
he bequeathed all his property to his wife  
during her life, and then to be divided among  
his children equally. The will was opened,  
and the children were all satisfied, and  
signed their names to it. There is no ad-  
ministrator. The estate consists of real  
estate, part of which had been deeded to the  
wife before the death of her husband. Has  
the wife, or widow, a legal right to sell  
the land at a price which seems right to  
her, without the consent of the children?

Answer—She has no such right. She  
owns only a life estate in the land which  
her husband disposed of by will, and the  
children own the remaining interest in  
it. When she dies, the children will  
own the fee simple title—be absolute  
owners—that is, of the land disposed of  
by will. Of course the land which was  
deeded to the wife before her husband's  
death belongs absolutely to her, and she  
can sell that without the consent of any-  
body. There is another question in your



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16 YEARS AND  
ALWAYS THE STANDARD

Remember the name "RUBEROID"

It is the pioneer weather proof, elastic and fire-resisting roofing.  
Ruberoid Roofs laid sixteen years ago are still in good condition.  
A smooth, neat appearing roofing that does not crack, melt or rot.  
Contains no paper or tar.  
Requires no painting when applying and costs little or nothing  
to keep in repair.  
Suitable for all buildings in all climates.  
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BOSTON ATLANTA

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Clipped horses look better, feel better, work better, and are less liable to take cold. Don't let your horses stand all night with a heavy, damp coat of hair on. It weakens them and they lose flesh. If clipped they dry quickly, rest well and their food does them good.

WE GUARANTEE THIS MACHINE FOR 25 YEARS

It is built strong with file hard cut steel gears enclosed and running in oil. There is little friction and practically no wear. All progressive farmers and horse-owners now clip in the Spring, and this is the machine to do it with. Order one now. Send \$2.00 with your order and we will ship C. O. D. for the balance. Write for our big new catalogue, which shows the largest line of clipping machines in the world. It is free. Send today.  
**CHICAGO FLEXIBLE SHAFT COMPANY, 234 Ontario Street, CHICAGO**

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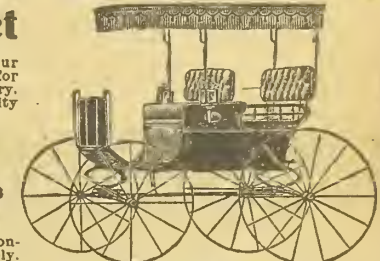
Our vehicles and harness have been sold direct from our factory to user for a third of a century. We ship for examination and approval and guarantee safe delivery. You are out nothing if not satisfied as to style, quality and price.



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As good as sells for \$75.00 more.

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Manufacturers  
in the World

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sumer exclusively.  
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of Vehicles, 65  
styles of Harness.  
Send for large, free  
catalogue.



No. 333, Light Canopy Top Trap. Price  
complete, \$78.00. As good as sells for \$25.00  
to \$30.00 more.

**Elkhart Carriage & Harness Mfg. Co.  
Elkhart, Indiana**

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AN EXTRA HEAVY FENCE  
Every wire—both strand and stay—No. 9 gauge.  
Thickly galvanized. Best grade steel. We mail free sample  
for inspection and test. A more substantial, stock-resist-  
ing, time-defying fence was never stapled to posts. We  
pay freight on 40 rods. Write for book showing 133 styles.  
**THE BROWN FENCE & WIRE CO., Cleveland, O.**

**SAMPLE FREE**  
15 to 35 CTS.  
PER ROD  
DELIVERED

letter, but it is wholly unintelligible and  
therefore it is not answered.

#### A SMALL GRAFT.

A Subscriber, Colby, Kan.—Last fall I  
hired a neighbor to cut my grain at the  
usual price of \$1 per acre. After cutting  
the grain, he measured the ground and  
claimed there were fifty-five acres, so I paid  
him \$55. Afterwards I had three other  
neighbors come and measure the ground,  
and they found it only forty-nine and one-  
fourth acres. I informed the man who cut  
the grain and he refuses to do anything  
about it. What would you advise me to  
do about it?

Answer—You could sue him and re-  
cover \$5.75, but it would cost you more  
trouble and vexation than the thing is  
worth, so we advise you to let it go  
and not deal with that neighbor any  
more.

#### Beware of Imitators.

The Combination Oil Cure for Canoe and  
Tumor has its imitators. The Original Oil  
Cure may be had of the Originator—Dr. D.  
M. Bye, 316 N. Illinois St., Indianapolis, Ind.  
Free books upon request.

#### Some Hen Figures.

Anyone with a liking for statistics may  
get some glorious facts and figures out of  
Uncle Sam's annual report on farming opera-  
tions. It gives a first-class idea of just  
what we are doing in the way of feeding  
ourselves, and the rest of the world. No  
one has a just conception of the immensity  
of American farm products until he reads  
such a report. Take the poultry industry—  
annual production about 45,000,000 crates,  
or 1,472,043,730 dozens, or 17,664,524,760  
individual and separate eggs, worth approx-  
imately \$130,000,000. These figures are  
amazing, yet in spite of this enormous pro-  
duction, it is still a fact that eggs are con-

stantly advancing in price. The hen man  
needs to wake up to this fact if he aims  
at the highest possibilities in his business,  
for until this increasing demand is met and  
passed, prices are bound to rule higher. This  
being true, it is manifestly wise to take any  
and every course that will help production.  
No better thing can possibly be done to  
increase laying than giving a healthy tonic  
in regular daily doses. All hens, and young  
chicks as well, need just this help in order  
to produce the most, or make satisfactory  
growth. Nothing better for the purpose can  
be found than Dr. Hess Poultry Pan-a-ce-a.  
Thousands of successful poultrymen from all  
parts of the country testify to the wonder-  
ful value of this tonic. Dr. Hess (M. D.,  
D. V. S.) has for years studied every pos-  
sible condition which may exist in poultry  
culture, and has given the world his Poul-  
try Pan-a-ce-a as a result. For those who  
do not know about his tonic let us say, it  
does not force egg production by exciting or  
stimulating the fowl unnaturally. Instead,  
it makes digestion in the hen an easy and  
natural process, so that every grain or spoon-  
ful of mash eaten either makes eggs or flesh  
as Nature intended, and in the largest pos-  
sible amount. Those who use Dr. Hess  
Poultry Pan-a-ce-a tell us that it does pos-  
itively cure and prevent disease. No flock  
can be sickly where it is used, because it  
makes the red blood which Nature requires  
for health, and also the necessary nitrates  
to carry off poisonous matter from the hen's  
system. By the use of this wonderful tonic,  
chicks are matured much earlier than would  
otherwise be the case; and pullets come into  
laying when eggs are highest and continue  
profitable the entire season. The cost of  
Poultry Pan-a-ce-a is a mere trifle com-  
pared with the great result it brings about.  
One cent's worth will feed thirty hens a  
day. Dr. Hess and Clark, of Ashland, Ohio,  
who prepare it, back Poultry Pan-a-ce-a with  
a written guarantee, so there is no risk in  
trying it. It is abundantly proved that if  
you use it as directed and occasionally sprin-  
kle hens, roosts and nests with Instant Louse  
Killer, your flock will be free from disease  
and uniformly profitable.



DAY BY DAY

Agricola

"Old men for counsel; young men for action" is a motto which some think ancient enough to be Oslerized. The young men certainly do astonish the world with ideas born of the eternal ages which the older generation never discovered.

And in national life there is a similarity to human life. We did not get our Australian ballot from the mother country, but from the "black sheep" of the flock, the original penal colony.

And just now New Zealand challenges the attention of the world. Shall we imitate her? It must be granted that the ossifications of the old nations do not allow them to limber up like their new-born offspring, and the question is what is the safe middle course for Uncle Sam.

Just one subject to illustrate. The United States sets the mark in provisions for old soldiers. New Zealand awards pensions for private citizens over sixty-five who have lived a good life for twenty-five years in the country. The idea is that one who has faithfully labored to build up the country through the arts of peace shall never be a pauper in his old age. Peace hath her victories, and they are no less honorable than those of war.

And to his brethren whose shadows have passed the three score mark on the dial of life, Agricola suggests that we do well to let the present generation do some planning and building unhampered by our "crittersnickers."

Some of our readers may be interested in learning of the first introduction of sweet corn to civilization. In the year 1779 an expedition against the six nations of Indians on the Susquehanna River scattered the Indians and Lieut. Bagnal brought back some ears of corn

which he found the Indians growing. It was the first sweet corn seen by white men. The cobs were red and would stain table cloths an indelible red if laid upon them. The staining feature was bred out.

New Zealand is young, only sixty-eight years old; young and frisky, the lamb-kin of the flock, but she is an interesting study. So are the youths of today swarming from our high schools. We honor ourselves when we honor our young people.

And now there is a furor in some quarters for the teaching of agriculture in the common schools. History repeats itself. About 100 years ago there was much said, and in 1824 The Agricultural Reader, designed for the use of schools, was published in Boston. And it is remarkable to read in it so much that is told now for new discoveries. Nitrogen was then called azote. Protein was an unknown term.

So quietly has it come that we scarcely realize that we are in a cement age. When Agricola was half as old as he is now the total output of cement was 3,000 barrels; last year it was 4,000,000 barrels. Posts, poles, foundations, bridges, walls, sidewalks, etc., are now made of concrete, with a steadily widening field. But we have as yet to draw the line on roofing. To make a cement roof is easy, but the sequel is unpleasant. The output last year would make a sidewalk one rod wide clear around the globe.

Fifty years ago the Roxbury Russet apple was called Roxbury Russety, and farmers were expecting it to "run out" soon, as it had been propagated by grafting for more than one generation and this was called artificial propagation and consequently only temporary. By the way, this still remains a puzzle.

It is refreshing to the lover of the human race to see the interest taken in providing good library books for the school library. Unless children are taught to read while young, and are led to love to read then, they will not have the reading habit when older, and an old age is always dreary and lonesome to him who has not the blessed companionship of books.

And now the reports are that all the states of the northern part of the corn belt have poor seed corn. Even the northern half of Iowa is placed in this belt of low germination. The teachings of the corn missionaries that each individual ear should be tested has special force this spring.

Grading seed corn by sight and grading it by machinery are two different propositions. A neighbor graded his by sight, shelling the tips and butts off down to uniform kernels, as he thought, and then put the shelled corn through a corn grader. Result, from the five bushels of this selected corn the grader removed one bushel of small kernels. He believes in the corn grader.

My neighbors smile more now than they did just one year ago. The spring pig crop is the reason. One year ago there was great mortality and this spring less loss, and each pig has a high value placed upon it because the corn cribs are not empty and the price of hogs is high and likely to be for at least another year.

There is one thing which deeply impresses all of us in this part of the corn belt. This is the advantage which a product of stable value has over one which is unstable. Many grow sweet corn for the canning factories, and others grow sugar beets for a sugar factory. Sweet corn is easier to grow and to can, sugar is easier to sell. Much of the canned product of last year is on hand, and there is surely no fever of zeal regarding accepting acreage for this year. But as to sugar, that market is assured, and the only anxiety is to get more acreage.

Butter and pork have both ruled high in price and we are all of us in this locality producing it and glad of the chance, but both of these products fluctuate more in price than is agreeable. Sugar is our greatest staple for stability in price.

The Lone Retreat Dispersion of Jacks, Jennets and Stallions.

The dispersion sale of the Lone Retreat Stock Farm's jacks, jennets and stallions on March 15th, at Lawson, Mo., drew a big crowd of jack and horse men from Iowa,



THE LOUDEN JUNIOR

Always ready. Never out of repair. The round top swinging fork pulley registers at an angle. Does not tip or bind on track as other Carriers do. Fills barn full clear up to the comb. Lock always works and never gives trouble. Patent swivel takes twist out of kinky rope. This is one of our many excellent Carriers made either for steel or wood track.

ALL HAY TOOLS

We are Hay Tool Specialists. Our line includes everything in Carriers, Tracks, Hay Slings, Forks, Pulleys, Stackers, Cable Riggers, Hay Rack Fixtures, etc. Also, the best Flexible Barn Door Hangers in the World, Feed and Litter Carriers and other hardware specialties. Write for free catalog and also booklet on "Fitting up Barns." Sent free.

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We Give FREE A CERTIFICATE OF INSURANCE AS PROOF OF OUR FAITH THAT

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WILL PREVENT ANY CASE OF BOVINE TUBERCULOSIS

When you realize that 18,000,000 cattle have been killed in the effort to stop this dreaded disease, you can understand the wonderful value of the discovery of the germicide, Rosawa, which will absolutely protect your entire herd. We don't ask you to believe without full information, so write us a postal today and our free booklet will reach you by return mail; or if you think your herd has been exposed, don't delay, but send \$1 for a box prepaid, for if you are not convinced we will refund the \$1.

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We will send with free samples a copy of our illustrated Roof Book. This handy little book tells just how to apply No-Tar Roofing to new buildings or over old shingles—Residences, Barns, Cribbs, Poultry Houses, Outbuildings, Stores and Factories. Shows you how to make valleys, gutters, etc. How to make the cuttings and flashings around chimneys, skylights and firewalls. How to make all joints water tight. How to cover old shingle roofs. How to measure a roof. It tells how No-Tar Roofing is made and why it is so economical and satisfactory. Leading dealers sell No-Tar Roofing. Special nails and liquid cement FREE in every roll. Write for FREE ROOF BOOK and FREE SAMPLES today. Address: THE HEPPESS CO., 2482 Fillmore St., Chicago

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3 BIG WALL MAPS, ONLY 60 CTS.

We will send prepaid for only 60c the 3 following superb wall maps:

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Each map measures 19x24 inches made of extra heavy map board, engraved in colors, beautiful frame border effect, and gilded metal strips top and foot. State map has all towns and counties in colors, up-to-date index giving location and latest population of every town; shows all railroads, the Congressional Districts, and other valuable data. If preferred, can send 3 different state maps instead of above assortment. These beautiful and accurate maps are an ornament to any library and sell for 50c each. Only by manufacturing ourselves and selling tens of thousands can we make this price. Stamps accepted. References, any Des Moines bank or Homestead.

KENYON MAP COMPANY, - DES MOINES, IOWA

\$21 Farmers' Cement Machines

These machines are complete and guaranteed to give satisfaction. UNITED CEMENT MACHINERY Mfg. Co., 100 First National Bank Bldg., Waterloo, Iowa.

FOR SALE: Controlling interest in one of the United States' largest, most profitable concerns in the United States. Located in Iowa, established 23 years. Unequaled chance for a young man with \$20,000.00 or more. Good reason for selling. Can refer you to the editor of this paper as to reliability. Address, Frank H. Dewey, Des Moines, Iowa.

Nebraska, Kansas, Missouri and Illinois. It seems that there are hardly enough good jacks to go around and more could have been sold at good prices. The presiding judge of the court in which the estate of the late J. C. Ray, proprietor of the Lone Retreat Stock Farm, refused to appropriate or allow expenses such as the cost of transportation to and from the farm for prospective buyers and for the delivering of all stock to be shipped, on cars. This caused many to either refuse to bid or if they did buy, to buy at a much lower figure than if the usual courtesies had been extended. Colonels Harriman and Sparks explained the matter fully to the crowd and did much to relieve the situation by getting Manager Chamberlain to agree to see that all deliveries were made on condition the purchaser pay \$5 for cost of delivery. The top jack of the sale was the herd jack, Bryan, sold to Mr. D. D. Hamilton, of Marshallfield, Mo., for \$1,225. Everything sold at good prices, but not for as much as had they been sold under a guarantee of their future usefulness. Much credit is due Colonels Harriman and Sparks for the excellent manner in which they conducted the sale under the adverse circumstances. Following is a list of all sales and the summary:

JACKS.	
Bryan, thirteen years, D. D. Hamilton, Marshallfield, Mo. ....	\$1,225
Kentucky Chief Jr., six years, F. L. Frazier, Lawson, Mo. ....	950
Jumbo Jr., five years, J. W. & J. A. Barton, Odessa, Mo. ....	1,100
Sloan, seven years, J. W. Clowston, Ness City, Kan. ....	1,025
Monster, six years, Geo. Nimmo, Fairbury, Ill. ....	980
Mellins, ten years, J. L. Mullen, Lawson, Mo. ....	820
Bob Taylor, seven years, J. W. Clowston ....	820
Teddy, four years, D. D. Hamilton ....	560
Longfellow, six years, J. W. Clowston Mike, five years, J. A. McMullen, Moorsville, Mo. ....	615
Big Ike, four years, D. D. Hamilton, Tiger, nine years, W. M. Lewis, Clements, three years, W. G. Scott, Centerville, Kan. ....	445
Jim Crow, three years, J. M. McGill, Cleveland, Mo. ....	535
Petter, three years, H. A. Johnson, Red Cloud, Neb. ....	400
Longworth, three years, I. C. Johnson, Cameron, Mo. ....	570
Edwin, one year, I. B. Hale, Lawson, Mo. ....	755
JENNETS.	
Betsy S., six years, J. W. Clowston, Lady Wellington and jack colt, L. Dunbar, Earlham, Iowa ....	145
Miss Comstock, five years, J. B. Bailey, Holt, Mo. ....	235
Miss Senator Cockrell and jack colt, Scott Logan, Sheldon, Iowa ....	72
Miss Woods, nine years, Scott Logan, Nannie Endicott and jack colt, Fred Hale ....	165
Lone Retreat and mule colt, L. Dunbar	52
STALLIONS.	
Spion Kop, trotter, ten years, Roan & Davis, New Boston, Mo. ....	125
Jarvis, saddle, six years, same ....	172
Turc, black Percheron, two years, L. Dunbar ....	625
Ben Hur, bay Percheron, two years, C. E. Bailey & F. Lowder, Dunlap, Mo. ....	410
SUMMARY.	
17 jacks ....	\$11,875.00; average, \$698.53
7 jennets ....	967.50; average, 138.21
4 stallions ....	1,870; average, 467.50
Several thousand dollars' worth of grain,	

SELECTION OF SEED CORN

Is what Makes Your Corn Crop.

You cannot afford to take any chances here. The surest and safest way to get the best seed corn, that will yield you the biggest and most valuable crop is to grade your corn with an

"OWENS"

Seed Corn Grader and Sorter

Shipped on 30 Days' Free Trial. Freight prepaid. It is built by men who know, and will increase your yield from 10 to 25 bushels per acre. Our book, "How to Grade Seed Corn," is free. Write for it. Do it now!

J. L. OWENS CO.,  
Dept. 614. Minneapolis, Minn.

hay and general farm machinery was sold.

W. J. Wendt's Duroc Sale.

On February 27th at his farm south of Marcus, Iowa, the above sold thirty-nine head of sows and gilts, making an average of \$40. This is certainly a compliment to the quality of the offering, especially since it was mostly young stuff. A good part of the offering was taken by local buyers, though a few went to the visitors who hailed from different parts of northwest Iowa, Illinois and Minnesota. The appended list tells the story:

Lot.	Price.
14. Henry Valke, Marcus, Iowa ....	\$27.00
25. Same ....	28.00
13. W. A. Kenney, Marcus, Iowa ....	24.00
11. A. C. Sylvester, Marcus, Iowa ....	26.00
39. Mr. Moon, Manson, Iowa ....	34.00
17. Same ....	32.00
30. Same ....	40.00
5. Same ....	36.00
3. Same ....	70.00
35. Same ....	51.00
24. E. J. Williams, Marcus, Iowa ....	50.00
38. W. A. Kenney ....	33.00
27. J. A. Habenicht, Clare, Iowa ....	45.00
15. J. P. Fritz, Alton, Iowa ....	56.00
10. O. R. Stevenson, Quimby, Iowa ....	39.00
23. Grover Christensen, Beresford, So. Dak. ....	60.00
1. A. L. Grady, Granville, Iowa ....	61.00
2. Tim Tracy, Marcus, Iowa ....	39.00
4. Joseph Heinis, Marcus, Iowa ....	44.00
7. J. E. Williams, Hickley, Ill. ....	37.50
18. W. A. Shanks, Worthington, Minn. ....	50.00
8. J. P. Fritz, Alton, Iowa ....	50.00
37. E. E. Cheever, Webster City, Ia. ....	49.00
21. Jack Nichols, Marcus, Iowa ....	40.00
20. G. H. Thompson, Marcus, Iowa ....	41.00
33. Louis Heaton, Jr., Marcus, Iowa ....	41.00
9. O. R. Stevenson ....	40.00
32. W. A. Kenney ....	37.00
36. A. C. Sylvester ....	38.00
28. G. H. Thompson, Marcus, Iowa ....	37.00
22. A. Lentz, Pierson, Iowa ....	32.00
29. John Carlson, Marcus, Iowa ....	45.00
19. Henry Valke ....	29.00
34. A. C. Sylvester ....	35.00
6. H. Mullong, Remsen, Iowa ....	29.00
16. John Carlson, Marcus, Iowa ....	35.00
12. J. E. Williams ....	35.00
31. John Bartling, Marcus, Iowa ....	29.00
26. H. Mullong ....	29.00



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany this order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGGS for hatching, Barred Plymouth Rocks exclusively. Guaranteed fresh, fertile and true to name. 25 years experience, hatchings better than ever this season, satisfaction guaranteed, prices low, circular free. H. M. Jones Co., Graceland Farm, Berwick, Iowa. Shipping point Des Moines, all express companies.

STOUT'S Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

BARRED Plymouth Rock Eggs, from pen scoring 90-92%, \$2 per 15. Flock, \$4 per 100. M. B. Turkeys, hens scoring 95%-97%, 10m, 1st premium at Kansas City, eggs 50c each. Mrs. Eugene Scott, Lathrop, Missouri.

BARRED Plymouth Rock eggs; also few extra cockerels left. Finest flock of large, big boned, blocky, 200 egg per hen per year birds. Prices reasonable. Write me, Mrs. A. A. Berry, Box 175, Clarinda, Iowa.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Lathrop strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

BARRED PLYMOUTH ROCK EGGS, four best American strains, \$2.00 per 15. White Wyandottes, White Quill strain, \$1.00 per 15. J. M. Knowles, Stockport, Iowa.

WHITE PLYMOUTH ROCKS. Eggs, 15 for \$1.00. Bred right and handled right. Member American White Plymouth Rock Club. W. H. Anderson, Oneida, Ill.

MITCHELL'S White Plymouth Rocks, the business strain, choice white, great big birds; \$1 each for March. Mitchell Bros., Valley Falls, Kansas.

WHITE PLYMOUTH ROCK EGGS for hatching. One setting, \$3.00; two settings, \$5.00. Write me today. R. C. Sheffer, Van Wert, Iowa.

WHITE Plymouth Rock eggs for hatching from fine, large boned birds of Fishel strain, 15 for \$1.00; 100 \$5.00. C. J. Rose, Ogden, Iowa.

BARRED ROCK eggs from exhibition matings, \$2.00 and \$3.00 per setting. A. Larrimer, Winterset, Ia.

ROCKS—The barred, the blue. We get 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

EGGS from pure Barred Rocks, 75 cents for 15. Mrs. C. L. Clark, Altoona, Iowa.

## RHODE ISLAND REDS.

SEND TWO CENT STAMP for catalog. Gives price on eggs and birds containing sixteen cuts of prize winners made from life, many pointers on poultry, egg laying and prize winning Rhode Island Reds. Bixby & Bixby, Council Bluffs, Iowa.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show. \$2 for 15. C. A. Kenworthy, Oskaloosa, Iowa.

SINGLE COMB Rhode Island Reds. Orders for eggs booked now; write for description and prices. N. P. Hall, Whitler, Ia.

SINGLE Comb Rhode Island Red eggs for hatching. Prices reasonable. Write, Iuey Anderson, Eagleview, Missouri.

G. WEISCH, Humboldt, Iowa, breeder Rhode Island Reds. Eggs, six dollars hundred. Cockerels, price reasonable.

SINGLE COMB REDS exclusively, eggs from prize winners at popular prices. Hites Bros., Route 3, Benson, Iowa.

EGGS from best pen single comb Rhode Island Reds, \$1.50 per 15. C. Jacob, Ackley, Iowa.

GRAND Rose Comb Reds, eggs \$1 up. Beo Russell, Lamoni, Iowa.

## BRAHMAS.

LIGHT BRAHMA EGGS, \$1.25 per 15; \$5.00 per 100. N. VanBerkirk, Blue Mound, Kansas.

## LEGHORNS.

PURE ROSE COMB BROWN LEGHORNS. Eggs, 15, \$1.00. Rates on fry or more. Baby chicks 15c a piece. My wife remiles free to every purchaser. Cheap as dirt. Mrs. Ida Staudiford, Reading, Kan. "Up-to-Date" Farm.

SOME Buff Leghorns, Single Comb, solid Buff, farm raised. They pay the bills. Thirty eggs, two dollars, nine dozen, five dollars. Fresh and shipped promptly. Mrs. Agnes Smiley, Braddyville, Iowa.

ROSE Comb Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazeldeh Poultry Farm, Chas. Lyman, Clarinda, Iowa.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York prize winners. 28, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

ROSE Comb Brown Leghorns exclusively. Eggs for hatching, single setting of 15, \$1.25; two or more settings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

SINGLE COMB White Leghorns. Eggs, \$1.00 sitting, \$4.00 per 100. At county show took five first and club special. C. A. Bent, Specialist, Mt. Airy, Iowa.

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RATSI My Scottish Terriers will make them git. Very fine puppies, males \$10, females \$7; pedigrees with sale. Bred bitch \$25. Registered and expert raters. S. W. Harr, Riverside, Iowa.

PEDIGREED Scotch Collies for sale at reasonable prices. John Fagan, Cumming, Iowa.

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SILVER LACED Wyandottes. Eggs for hatching, heavy layers, best strain obtainable, \$1.50 for 15. We ship in Kyrie egg boxes. B. H. Bacon, Elroy, Wisconsin.

EGGS from White Quill strain Wyandottes, prize pen Indianapolis and Winterset poultry shows, score 139.5-8, \$3 per setting. T. F. Wilhelm, Winterset, Ia.

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BIRD'S BUSINESS BREED. White Wyandotte winners. Eggs, \$1.00, \$3.00 per 15; \$5.00 per 100. Folder free. Write Muple Dell Farm, Route 4, Lee, Ill.

WHITE WYANDOTTES. I will sell a limited number of eggs, \$1.00 for 15, from my prize winners. Geo. A. Gallatin, Mo.

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BUFF Orpingtons, Single and Rose Comb, few choice eggs, \$2.00 per 15. Pure Italian Runner ducks, 13 eggs \$1.00. Anna Pratt, Beaver Crossing, Nebraska.

GRAND Single Comb Buffs, eggs \$1 up. Ben Russell, Lamoni, Iowa.

## MISCELLANEOUS POULTRY.

EGGS FOR HATCHING—35 varieties turkeys, ducks, geese and chickens. Winners of 35 prizes at last Fair and Poultry show. Incubators and brooders for sale; 4c for 68-page catalog. Larkin & Herzberg, Box 0, Menkato, Minn.

IRA GREGORY, originator famous Yellowshire strain Barred Plymouth Rocks, Bronze turkeys, Pekin ducks. Twenty years reliable and winning kind. Breeders and eggs for sale. Ira Gregory, Box P. P., Lexington, Ill.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per setting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

SINGLE COMB Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92½ to 94½ points. Eggs for hatching 75 cents for 15, 100 for \$3.00. Mrs. William Hudson, Lohrville, Iowa.

EGGS FOR HATCHING, \$1.50 per 15 of the Golden Buff Plymouth Rocks and Golden Buff Orpingtons. Good hatch guaranteed. A. C. Harre, Belmont, Iowa.

WHITE ROCKS scoring from 91-95. Eggs, \$1.50 per 15. Pekin ducks, \$5.00 per 100. Stuart Industrial Academy, Stuart, Iowa.

FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Aledo, Ill.

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MAMMOTH BRONZE turkey toms, extremely choice individuals, farmers' prices. Eggs from high scoring White Wyandottes, \$1 per 15. Satisfaction guaranteed. W. S. Henderson, Browning, Ill.

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## DUCKS.

FARM RAISED Rouen ducks \$1. Drakes \$1.25. Eggs \$1.50 per eleven. Will J. McCarty, Route 5, Amboy, Ill.

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FOR SALE—Graded Percheron stallion, coming three, color dark gray, weight 1730, medium flesh, not stuffed. Inquire Box 12, Rural Route 3, Oelwein, Iowa.

FOR SALE—Native bred Percheron stallion, all right every way. Would trade for other property. C. W. Ramsey, Oakley, Iowa.

THREE large Percheron stallions, 1,750, two years old; two large black Jacks, 16 hoods. L. H. Luckhardt, Tarkio, Mo.

## ANGORA GOATS.

TWENTY-FIVE Angora does bred to kid in May. A bargain if sold soon; most all registered. S. S. McKibben, DeSoto, Iowa.

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FOUR HUNDRED strawberry plants, \$1.00, in three choice varieties. Fruit trees, vines and small fruits at fair prices. Catalog free. John F. Day, Box A, Waukon, Iowa.

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STRAWBERRIES, four hundred strong plants, choice varieties, one dollar. James Molloy, Albion, Ia.

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A FEW CHOICE Aberdeen Angus bulls for sale at farmer's prices. Best blood strains. Write or come. Satisfaction guaranteed. James Ferrier, Mason City, Iowa.

ONE DOUBLE STANDARD Polled Durham bull for sale. Age, eight months; color, dark red; extra fine, low down and blocky. S. A. Traber, Stanton, Iowa.

RED POLLED CATTLE. Special prices for 30 days on good cows and heifers, bred. Write for booklet and particulars. O. P. Russ, Ravewood, Missouri.

REGISTERED HEREFORDS, six young bulls, cheap if all taken at once, good breeding. A. T. Jordan & Sons, La Farge, Wisconsin.

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

## MILL FEED.

MILL FEED—For best quality and lowest prices mill feed, oilmeal, cottonseed meal, alfalfa feeds, etc., write Des Moines Flour & Feed Co., Des Moines, Iowa.

## GASOLINE ENGINES.

EIGHT Horse Power, Callahan Gasoline Engine cheap; guaranteed. L. Bendit, 1300, W. 11th St. Kansas City.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

G. C. KENNEDY, Patent attorney, Waterloo, Ia. Write for booklet.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## HELP WANTED.

RELIABLE man wanted to start good paying business in own locality on little or no capital. No canvassing or cheap mail scheme. Legitimate business proposition that will make you independent. Address, "Business," Box C 48, Haverhill, Mass.

## BUSINESS CHANCES.

\$3,000 to \$10,000 yearly easily made in real estate business; no capital required; we will teach you the business by mail, appoint you special representative of leading real estate company, list with you readily salable properties, co-operate with you and assist you to a permanent success. A thorough commercial law course free to each representative. Write for 62 page book free. It will be sure to interest you. The Cross Company, 522 Reaper Block, Chicago.

WANTED—Business manager for substantial company. Must have \$5,000 or more to show a working interest and good faith. Present owner wishes to retire on account of 70 years age. Company well financed and does not need outside money. Does not need technical knowledge, but requires a person capable of directing office help. Wilber Garrison, Des Moines, Iowa.

## REAL ESTATE.

CALIFORNIA—Sunset Colonies—Irrigated land on easy terms. New model city in center of prosperous, fertile, farming country; tracts of 5, 10, 20, 40 acres or more, of level land, with abundant water for irrigation, suitable for alfalfa and fruit growing, peaches, grapes, figs, pears, English walnuts, etc.; pay big profits; dairying, poultry and live stock always pay. We have subdivided four thousand acres of this splendid land; we are building our own town, which will have every modern convenience, two railroads, good schools, churches, electric light, etc.; fine climate, ideal spot for home; big oak trees, our Feather River, a beautiful stream; good fishing and hunting. Write for free illustrated pamphlet. Mention this paper. Agents wanted. Sutter Irrigated Farms Co., 1109 Post St., San Francisco, Cal.

BARGAINS IN OKLAHOMA Farm Lands. Comanche County has the best water, finest climate, best agricultural lands in the southwest. Everything grows here that you plant in the ground, with a good yield. All kinds of vegetables, fruits and tame grasses do well here. For further information call on or write to W. R. Sanauer & Co., Lawton, Comanche County, Oklahoma.

ALBERTA WINTER WHEATLAND, 640 acres; can all be plowed in furrows one mile long. Deep, rich soil, prairie land, no brush. Terms \$9. per acre. \$1,500 cash, balance five equal payments. For particulars inquire of Cameron & Marshall, Gliechen, Alberta.

FOR SALE—500 acre farm, stock ranches in Kansas and Missouri. Before you buy, sell or exchange, write for our free list, giving full description, location and price. Can suit you in quality, quantity and price. F. H. Humphrey, Ft. Scott, Kan.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce Bldg., Minneapolis, Minn.

FOR SALE—Choice farm of 250 acres in the park region of Douglas Co., Minn., all under cultivation. Large house, barn and granary, two wells. Only \$40.00 an acre, if taken soon. Martin Straud, Kensington, Minn.

MANITOBA—320 acres best wheat land, 3½ miles from Broomhill station, 10 from Roston. About 120 acres broken, 75 one crop, balance new breaking; no buildings, \$20 per acre. Apply Box 225, Melita, Man.

FOR SALE—200 acres, improved farm. One mile from town, 3 room house, basement barn. \$70 per acre. Easy terms. For particulars address owner, Henry B. Hoover, Waterville, Minn.

80 ACRE FARM for sale cheap, close to North Crandon, a place with two railroads. Good soil, easily cleared, some improvements. A. Rasmussen, North Crandon, Wis.

FOR SALE—Adjoining village of Dresden, section of land, part of which is the townsite, with elevator, barn and dwelling; \$20,000, half cash. R. Fleming, Dresden, N. D.

FOR SALE—Good 75 acre farm, clay subsoil, fine new buildings, 25 miles from St. Paul, near town and market. Write Chas. Reid, Forest Lake, Minn. (No agents.)

FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

FARM BARGAIN—220 acres in high state cultivation, four miles from Cresco, county seat. R. H. and telephone. Seven room house, two barns, double corncrib and one single, henhouse, hoghouse, granary, two wells, running water. Eight acres timber, 500 evergreens, 800 rods bogwetting, buildings full. Will sell at a bargain if sold before June 1st. Write or come and see at once, for this advertisement only appears once. Jacob Wilde, Rt. R. No. 3, Cresco, Howard Co., Iowa.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

320 ACRE FARM in Sherman County, Kansas, 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. Kling, Goodland, Kan.

FINE DAIRY FARM—133 acres, 3 miles southeast court house with running water, brick house of 8 rooms, necessary out buildings, farm in high state cultivation. Price \$175 per acre to settle an estate. W. R. Wilkins, Station 6, Mrs. Alice Wyman, 2501 Logan, administrators, Des Moines, Iowa.

TRUTHFUL description of land, any state. Beware land dealers, exaggerated statements. Send 50c for "Plain Truth" report, soil, climate, products, any state. Valuable to land buyers, investors, traders. Special reports compiled 50c. No land for sale. Gilbert Itedd, Box 704, Des Moines, Ia.

FOR SALE—The best 160 acre farm in Hamilton Co., Nebraska. All necessary fine new improvements, 3½ miles from a town, containing 3 large elevators. Price \$75 per acre, if taken soon. For particulars address, C. B. Hammond, Lanark, Ill.

OKLAHOMA 25 CENTS—Oklahoma colored new state map and book describing soil, crops, rainfall, climate, church, school and social conditions, with free information mailed on receipt of 25 cents. James M. Powers, Lawton, Oklahoma.

120 ACRES, 5 miles from station, 10 acres seeded, buildings, good roads, school across road, no swamp or stone, \$1,200.00, one half down, balance terms to suit, 6 per cent interest. Other bargains. Fitzgerald Land & Loan Co., Tonawhaw, Wis.

MONKEY-MAKERS—There is none better than an irrigated farm in the Ordway district. Alfalfa, sugar beets, cantaloupes, small grain, fruit, poultry, bees and live stock are all money-makers here. Write Peck & Johnson, Ordway, Colo.

ONE THOUSAND farmers wanted to buy lands in best states in Union. We have all kinds farms and ranches for sale in North and South Dakota. Send for list and maps. Johnson Real Estate and Investment Co., Wentworth, S. D.

FREE—Beautiful illustrated booklet on Minneapolis. If you are thinking of moving, write for it. We are selling homes to many prosperous farmers and offer a big list of bargains. Nickels & Smith, Minneapolis, Minn.

FOUR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

COTTON AND STOCK FARM, 244 acres, Fremont county, two miles railroad town; finely improved. Owner moved to California. Bargain at \$70 per acre. T. C. Armstrong, Shenandoah, Iowa.

10,000 HOMESTEADS in Tripp county, S. D., to be given settlers by the Government. For full information write Gregory County Abstract Co., Bonesteel, S. D., enclosing postage.

"DON'T" be a rainbow chaser, buy this Schuyler Co., Ill. farm. Three hundred acres, fifty-five per acre. Rental value twelve hundred per year. A. W. Baird, Murie, Iowa.

120 ACRES under cultivation, 6 miles from Casey, Iowa, on C. R. I. & P. Ry., \$55 per acre. Terms, \$3,000 cash; balance long time. C. E. Berry, Casey, Iowa.

BELLEVUE & Co., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

NOBLE county, the Illinois of Oklahoma, farms from \$20.00 up per acre. Fine climate, the best of water. Van L. Wilson, Morrison, Okla.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone. \$30 to \$40 an acre. M. Wight, Lanthan, Barton Co., Mo.

## MISCELLANEOUS.

GOOD TELEPHONE PLANT for sale or trade. Consists of town exchange, rural lines, 500 'phones. Will sell for cash half down; balance one and two years, interest 6%, or trade for good land. Address, R. Pease, Secy., Mt. Hamill, Iowa.

START a factory on the farm, no machinery to buy, honorable, clean, profitable. We tell you how free. DeHaas Supply Company, Dept. R, 3215 Mt. Vernon St., Philadelphia, Pa.

WOOL—Write for circular wool tying machine, makes profit 10 to 30 cents a fleece over old way. Geo. T. Underhill, Knoxville, Iowa.

MANLOVE AUTOMATIC GATE. Send stamp to secure valuable souvenir free. Manlove Gate Co., Milton, Ind.

MONEY \$ \$ \$—Reliable men write to John Hicks, Box 213, Cripple Creek, Colo.

WHAT have you to sell or exchange? Do you want to buy, sell or trade farm or grazing lands? Do you wish to sell live stock, dogs or other pets, poultry, poultry supplies, machinery, new or second-hand, implements, musical instruments, merchandise or, in short, anything that the farmer wants? If so, the best way to accomplish your purpose is by inserting an advertisement in the classified department of this paper. Only five cents a word for an advertisement in the greatest group of farm papers in the world, with 190,000 guaranteed circulation, covering the states of Iowa, Wis., Minn., South Dakota, Ill., Neb., Missouri, Kansas and Oklahoma. For further particulars, see announcement at top of this page.





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PEERLESS  
CREAM SEPARATOR**

See the many points of superiority it has over all other makes.

The Peerless has a combination hollow and disc bowl. This one feature alone means a saving of the price of the machine over other standard makes.

You cannot afford to use a cheap separator if you can get one for nothing. Write for Special Catalog No. 9.

Waterloo Cream Separator Co.,  
Waterloo, Iowa.

## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## OVERFILLING THE CHURN.

When you have a large amount of cream on hand and are tempted to do it all in one churning, stop and think a minute. Think two or three times if necessary to prevent making the mistake of overfilling the churn. You have probably had the experience which such a mistake entails. The churn that is filled anywhere about two-thirds full or over is bound to result in slow work. It also results in heavy work.

It stands to reason that if the churn is too full there can be little agitation of the particles of butter fat. Cream should fall from one end of the churn to the other with a chug and a thud. This throws the particles of fat together with a great deal of force. It is bound to make them unite. A churn filled half full will do much better and quicker work than one fuller. Two quick, easy churnings are always productive of better results than one. The butter will come quicker and it is quite likely that there will be less butter fat left in the buttermilk. Where the amount of cream is sufficient to fill the churn half full, or even less, it certainly will make more pleasant work to make two churnings than one. Did you ever think of it in this way?

## AN ENLARGED BUTTER MARKET.

Dairy products have sold at profitable prices for several seasons. In many markets of the corn belt during the winter butter was retailed at prices ranging from thirty-five to forty cents per pound. Of course the man who made the butter seldom realized such attractive prices, but, as said before, brisk prices have been enjoyed for some time.

A special butter inspector at one of the central markets has recently called attention to the fact that the general improvement of the quality of the butter made on the farms would result in greatly increasing the demand. He says that the inferior quality of much of the butter made has the effect of educating the public against the use of this product. On the other hand, if all butter marketed could be made to come

## The Difference

Comes Out of YOUR Pocket



A common kind of "Bucket Bowl." Heavy, hard to wash, easy to rust.

If you don't know that Sharples Dairy Tubular Cream Separators are different, take no chances until you find out. "Bucket bowl" agents depend on catching the fellows who don't know. Don't let them take the difference out of your pocket. One difference is in the bowl.

## Shake The Insides Out!

Before you buy a separator shake the insides out of the bowl. It will show you how heavy, complicated, hard to wash, easy to injure, quick to rust, "bucket bowls" are as compared to Dairy Tubular bowls. Sharples Dairy Tubulars are different.

Nothing inside Dairy Tubular bowls but a small dividing wall of triple tinned pressed steel—no bigger than a napkin ring—good for a lifetime. Yet Tubulars have twice the skimming force of any other separator—skim at least twice as clean.

You have common sense—want to save your wife work—want to save yourself repairs and cream—so why not learn about this now? Our free catalog N-121 shows many other exclusive Tubular advantages of great importance to you. Also ask for free book, "Business Dairying," covering everything from calves to butter.

## THE SHARPLES SEPARATOR CO.,

Toronto, Canada

West Chester, Pa.

Chicago, Ill.



SHARPLES Dairy Tubular Bowl. Simple, light, durable, easy to wash.

Drop us a Postal today for a Price  
If you knew our low price on a

**DAVIS CREAM SEPARATOR**

you would want to buy one. Why not write for it before you buy a machine of any kind from anybody?

Real Factory Prices Save You 20% to 50%  
And the Davis price is not the only thing you should know about the Davis before you buy a separator. While the Davis price is low, the quality is high and with a high quality and a low price we can't help but feel we will get your order. It's a perfect skimmer, easily cleaned, runs light and the best for you. Ask for money saving catalog No. 118 today, right now. We pay the freight.

DAVIS CREAM SEPARATOR CO.,  
641 North Clinton St., Chicago, U. S. A.

WANTED—Men to do tile ditching. Must be able to furnish good reference and sober. Please state prices wanted on different depth ditch. C. H. Drake, Hazleton, Iowa.

## The Empire PROVES Its Claims!

We do not "claim" everything; we do not try to make you think that you will go into bankruptcy, if you do not buy the

# Improved Frictionless EMPIRE Cream Separator

but what we claim for it—the machine itself proves.

It's the sort of machine that appeals to men and women who are seeking real worth and substantial merit—the best value for their money—men and women who cannot be misled but who want cold, hard facts.

If you want the separator that will make the most dollars for you, we ask you to let us PROVE to you that

The Empire turns most easily.

The Empire requires fewest repairs.

The Empire is most easily washed.

The Empire lasts the longest.

The Empire gets the most good cream.

It is well worth your while to investigate—to put aside all prejudice—to give an impartial hearing to the Empire's claims of excellence. Other Cream Separators do good work, of course, but the Empire does the best work, and you want the best!

Send for new catalogue and proofs. No matter what separator you are using, you will be interested in the Easy Running Improved Frictionless Empire.

**Empire Cream Separator Co.**  
Bloomfield, N. J.  
Chicago, Ill.



up to a certain high standard the education would be in the opposite direction, and those who are now light consumers of butter would be found to greatly increase that consumption.

This expert says that the main cause of poor country butter is traceable to keeping the cream too long. In his phraseology the churn and the cow should be kept nearer together, because the keeping of cream over an unduly long period means the development of undesirable bacteria, in the presence of which it is impossible for the lactic

germs to properly develop. We are just coming into the season of the year when this doctrine is applicable. Unless one can keep his cream at a very low temperature it is never advisable to hold it over longer than three or four days. Those who make a practice of keeping their cream in a cellar for a week can never hope to be factors in enlarging the butter market by educating the taste of the consumers in the right direction. It means more work to churn twice a week than it does once, but under ordinary circumstances the cost of the extra labor will be fully covered by the increase in price.

We do not deny that where there is a goodly supply of ice or where very cold water is available at all times that it is never practicable during the spring or summer to keep cream longer than three or four days, but we do say that in the average cellar four days should be considered the limit. Keep in mind constantly that every pound of good butter you sell has the effect of creating a larger demand, while that which is off in flavor has a diametrically opposite effect on the market.

## FEEDING COWS BEFORE PARTURITION.

A subscriber at Bernard, Iowa, sends the following communication:

I would like to have you give me some advice through your columns relating to the feeding of cows, so that no trouble will be experienced after they drop their calves. Ordinarily there is danger of milk fever or in many cases the udder will become caked, and these things I believe are due to irrational methods of feeding.

We believe in somewhat liberal feeding of dairy cows up until within a few days of calving. We have found from experience that it pays to feed something else besides corn between the time the cow goes dry and calving date, and for this purpose nothing is better than bran or oil meal. A ration composed of corn-and-cob meal two-thirds and bran one-third will give excellent results, or corn-and-cob meal with two or three pounds of oil meal fed daily in addition. So much the better if good clover hay or alfalfa is available. By this method of feeding you will get cows in the pink of condition, but of course it is kept until the very day that the calf is dropped there is danger of the milk flow being a little to great.

In the case of the tried cows, and especially with the heavy milkers, we always cut down the supply of milk-making food. If you are feeding bran, leave it out of the ration and, likewise, if oil meal is being fed as a supplementary food leave it out and feed the corn-and-cob meal alone, and sometimes it is



advisable in the case of very heavy milkers to change from clover to timothy hay. By lessening the amount of milk-making foods one greatly lessens the danger of garget, caked udder or milk fever. Of course it is not advisable to feed heavily on corn, as that has the effect of heating the system and harm may come from this alone, even though the milk supply at first is not large.

We have known instances where cows were fed so heavily that it became necessary to milk them for days in advance of the calving period. When this is the case there is some danger that undesirable results will follow parturition. We would much rather lessen the milk flow in advance by cutting down the ration than run the risk of having trouble later on, with the possible chance of losing the cow.

Veterinarians sometimes recommend that in the case of a very heavy milker it may be advisable to give a quart of linseed meal from two to five days be-

fore the calving date, and this followed up with from one to two pounds of Epsom salts, together with from two to five ounces of powdered ginger within twelve hours after calving.

Of course it goes without saying that there is nothing better than exercise before the calving date. If cows can be made to walk half a mile or a mile to the stalk field or pasture this in itself will often prevent trouble.

#### Silage in the Dairy Ration.

To the Editor of The Homestead:

Much has been written about the value of silage in dairy rations. Some of these articles are beneficial, in which the facts are brought out, while others are an injury to the progress of this method of storing feed.

Some writers, either ignorantly or otherwise overdo the matter and make it appear that if you have silage there is no need of anything else. They make it appear that all that is necessary is to get the cow to consume vast quantities of the succulent roughness and the milk pails will be filled to overflowing. Manufacturers of silos and silage machinery, in their efforts to increase their sales, dupe the people into believing many things concerning silage that cannot possibly be made to materialize.

I remember quite vividly that a certain agent, representing a machinery firm, tried to sell me a silage cutter, and in the course of his argument he said "silage was equal to June grass." I know of two persons who were persuaded to build and fill silos last fall, mainly on the strength of what these agents told them, who are wofully dissatisfied now because they have been trying to make silage do the whole thing, which, as every experienced man knows, is a very ill-balanced affair.

Now, what are the facts? I hold the opinion that silage is a success if supplemented with other foods rich enough in nitrogenous matter to bring the nutritive ratio down to a balance not wider than 1:6. It makes better roughness than fodder or all hay because of its heavy water content, which makes it approach grass, so far as succulency is concerned. Understand we do not say it is equal in feeding value to "June grass," used alone, but it comes the nearest to it of anything yet discovered for winter feeding.

Mixed pasture grasses, in themselves furnish bulk, succulency, palatability and a balance, while corn silage furnishes the three first named, but is deficient in the latter. The nutritive ratio of corn silage is 1:14.8, which, in itself, is a very wide ration. Concentrated foods, rich in protein such as oil meal, gluten feed, bran, cotton-seed meal, or any other available concentrate mixed in with the silage, in the right proportion will bring the required result. The convenience of using silage is also worthy of notice. As compared with corn-fodder, we have on the one hand the very disagreeable task of hitching the team daily and hauling the fodder, digging it out of the snow and exposing one's self to the storms in order to get the tops and a few blades that the cows will eat. Then the additional labor of dragging out of the barn (if the cows are stabled as they should be) over half the weight in stalks the cows will not or cannot eat.

On the other hand, he who has pro-

## Timely Warning Against "MAIL ORDER" CREAM SEPARATORS

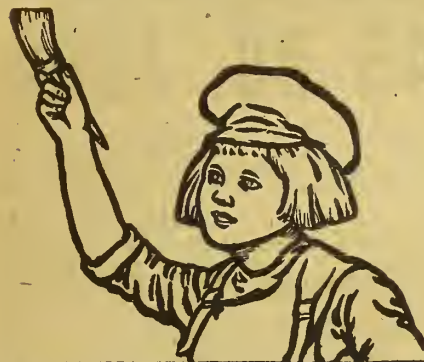
The "Farm Implement News" of Chicago quotes the following good advice to dairy farmers from a lecture by Prof. C. E. Lee of the University of Illinois State Experiment Station:

"I am not at liberty to give my preference, for I am not selling separators—if I were to name a separator manufacturer, either to you here in public or in private, I would lose my position—but there is one thing I desire to warn you farmers against and that is buying hand separators from the 'mail order' houses. Don't do it—you will regret it. The machines do not give results and they do not last. Our department receives hundreds of inquiries as to 'What's the matter with my separator? It doesn't do this or it doesn't do that,' and I tell you, gentlemen, that in every instance when we ask them to name their separator it is a 'mail order' house machine and almost worthless when it was new."

Don't waste your money in a trashy separator, made "cheap" to sell "cheap" that is going to WASTE instead of SAVE for you EVERY TIME you put milk through it, and which would be VERY DEAR EVEN AS A GIFT.

DE LAVAL Cream Separators are NOT that kind. A DE LAVAL catalog is to be had for the asking.

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We guarantee our White Lead to be absolutely pure, and the Dutch Boy on the side of every keg is your safeguard. Look for him.

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and see what co-operation does for the milk producer! The farmers of the state by co-operation, now own, control, and manage one of the biggest and best creameries in the world. Join the movement for better prices and fairer treatment! Send to-day for full particulars.

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450 pounds to 500 pounds capacity, guaranteed to be the equal of any standard cream separator ever made. Manufactured especially for our members in the largest and best equipped separator factory in the world. Made of best materials; easy to turn, easy to clean and the closest skimmer. Regular price \$85, our price only \$55 (to our members only \$50). Think of saving \$35 on a separator by co-operation.

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Send for catalog and guaranty. You will be interested.

**FARMERS' CO-OPERATIVE PRODUCE CO.,**  
DES MOINES, IOWA

Capacity 450 to 500 Lbs.

**OUR PRICE ONLY \$55**



vided silage does all his feeding under cover, distributing feed to a large herd in a few minutes. A food, sufficiently relished to insure the last vestige being eaten, up to thirty-five pounds per day.

As to the preparation of the two feeds I would just as soon hire a complement of teams and fill my silo of 100 tons capacity in one and a half days as to shock the fodder and haul it in by piece-meal with all the attendant inconveniences noted above.

Economy is a very important factor. Corn silage, as compared with hay, is about as follows: a good average crop of hay in this latitude is about one and a half tons per acre. Since hay contains about 86 per cent dry matter, we would have 2,580 pounds. Against this yield we have about 7,500 pounds of dry matter per acre of corn, or about three times as much as hay.

In an experiment at the New Hampshire Experiment Station, "The silage ration containing 16.45 pounds of digestible matter produced 21 pounds milk and the hay ration containing 16.83 pounds digestible matter produced 18.4 pounds milk. Calculating the quantities of milk produced by 100 pounds digestible matter in either case, we find on the silage ration 127.7 pounds of milk, on the hay ration 109.3 pounds or 17 per cent in favor of the silage."

Carrying the experiment of the above station a little farther, the difference in milk yield of my silo of 100 tons over hay would give me a total gain of 1,976 gallons at ten cents per gallon net, making me a profit of \$197.60. So it can easily be calculated that silage fed intelligently can be made to pay the cost of the silo in one year, with a herd of twenty cows besides the greater convenience and pleasure in feeding it and the better condition in which the cows will come through the winter season.

O. O. Brewbaker.

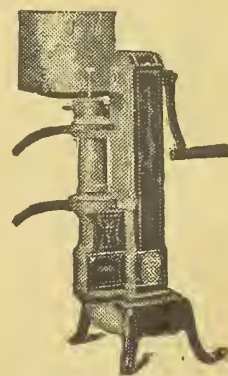
Polk county, Iowa.

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## Iowa Dairy Separator

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The "IOWA" does not take part of the cream part of the time. If it did, it would be no better than the others; but it takes all the cream all the time. A Separator that does less than this you cannot afford to buy. Gold medals at World's Fair and Portland mean something. Write to-day and ask for catalog 25. It's free, and you will find your investment of one cent in a postal card the best you ever made. All sizes from 250 to 750 pounds. Address,

**The Iowa Dairy Separator Co.,**  
Waterloo, Iowa.

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Men to travel, deliver samples and advertise our goods locally. Salary \$91 per month, expenses advanced.

**Beezley Co., Dept. 5 Monon Block, Chicago.**

Excursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.



## A.A. BERRY SEED CO GRASS SEED

Meadow Fescue, per 100 lbs \$7.50  
White Clover, " \$13.25  
Alsike Clover, " \$13.25  
Bromus, " \$9.50

All prices per 100 lbs. f. o. b. Clarinda. Bags weighed in free. Samples and latest market prices on Timothy, Red Clover and other grasses on application. Send for free descriptive catalog of Corn, Grains and Garden Seed.

A.A. Berry Seed Co., Box 50, Clarinda, Ia.

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Largest growers of

Clover, Timothy, Grass, Oats, Barley, Corn, Speltz, Rape and Farm Seeds of all kinds in America.

## FREE

Our mammoth 148-page Catalog is mailed free to all intending buyers; or send

8c IN STAMPS and receive sample of perfect balance ration grass seed, together with Fodder Plants, Clovers, etc., etc., and big catalog free.

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embraces all the leading varieties of Large and Small Fruit, Ornamental Trees, Shrubs, Vines and Evergreens. Our new illustrated and descriptive catalogue is free. Write for it. Reliable Salesmen Wanted Everywhere. Good opportunities always open to first class men.

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Enough for your entire Flower Garden. Best kinds, best quality. Also my Guide—500 flower engravings—offers 100 Bulbs free, 500,000 people buy of me every year. Do you? GEO. W. PARK, Box 63, La Park, Pa.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

## VARIETIES OF CHERRIES TO PLANT

We have had a little experience in planting cherries, which may be of value to others. It has been to us, but it cost us considerable to learn.

The tales of the large, red sweet cherries which grew on the Ohio hills tempted us and we set out some Windsor Sweets and other varieties of that sort. They never seemed to do well in our prairie soil and the winter weather was too severe for them. Some of the trees lived a number of years and grew to considerable size. They even blossomed, but we got no fruit and finally their short existence came to an end.

We also planted a number of the "sour" varieties; Early Richmond, Montmorency, Orell, Bessarabian, Wragg, English Morillo, Ostheim and others the names of which we do not remember. Bessarabian made a fine upright growth, clearly outstripping all the others, but it never bore worth mentioning and one by one the trees split down in windstorms until none remained.

Wraggs and English Morillos (we could not distinguish between the varieties) grew well and soon came into bearing. They bore medium crops, but their ripening period was so irregular that the birds got practically all the cherries. Finally the cherry leaf blight struck us. These varieties seemed especially susceptible to it and before we had learned to combat it they had all succumbed.

We had two or three trees of Ostheim. These never bore well and had the same fault of irregular ripening as the Wragg and Morillo. The trees finally became affected with a kind of "Toadstool" growth; then wood began to rot and whole branches to die and break off until finally not one tree of the variety was left.

The Early Richmonds, Orells and Montmorencies came into bearing at about the same time and have borne good crops for several years, are, still good, thrifty growing trees and give promise of doing well for a number of years. There were other trees similar to them which gave the same results.

We have been taught that cultivated cherries may be divided into two classes, sweet cherries and sour cherries, and that the sour cherries are again to be divided into two sub-classes according whether the juice is light or dark. We believe this classification is correct and our experience has been that it is useless to plant any except the sour cherries, and of those only such as have light colored fruit or fruit in which the juice is light and watery.

## HANDLING TREES.

You have given your order for nursery stock and will soon receive a card stating date and place of delivery. At that time begins your responsibility.

Take three or four horse blankets with you when you answer the call, even more if your bundles are large and many. When your bundles are loaded, and even if the roots are burlapped, wet your blankets and cover the bundles so that wind and sun cannot reach the roots. This may seem like a small matter, but it is small or large, just in proportion to the number of miles you have to drive, and to start with it is as big as the traditional "elephant." When you reach home dig a trench, open the bundles and so place them that when covered all of the roots will be in contact with fresh earth. Wet thoroughly and heel in. If this is well done no space will be left where the drying winds can get down to the roots.

When taking to the field to plant, unless the weather proves cloudy and showery, it is best to have trees in wagon in tubs or barrels of water, only taking them out as they are set. At the very least the roots should be covered with the wet blankets.

With a sharp knife remove broken roots, and give the ends of all larger roots a clean smooth cut. The digger did its work rudely, and it is for you to bring a little care and intelligence to bear. Have the prepared hole big enough to give all roots a natural position. Think what that means and do it well, then fill with fine, rich earth and firm it with the foot. What



To quickly introduce this valuable "Blizzard Belt" Chestnut and at same time gain new friends, we offer to send a fine, 1 year old Tree entirely free to a limited number of property owners reading this who have not already benefited by our Advertising Offers. Mailing expense 5c which send or not as you please. A postal will bring the tree. We have

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for this free advertising distribution and if you want one of them write at once as they will go quickly.

Our catalog containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Ornamentals, Evergreens etc., with a mine of valuable information for fruit-growers is free for the asking. Write today.

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DIAMOND JOE'S BIG WHITE—A strictly new variety; none like it. It is the Earliest and Best Big White Corn in the World—because it was bred for most Big Bushels, not fancy show points; because grown from thoroughbred inherited stock; every stalk bears one or more good ears; because scientifically handled, thoroughly dried and properly cured and had the most rigid examination. Big Seed Catalog FREE. It tells about all best farm, grass, garden and flower seeds grown. Send for it today. Address,

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## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

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Farragut, Iowa.

## Seed

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grown Seeds. Get our catalog. THE ADAMS SEED CO., Decorah, Iowa.

## Corn

## SEED CORN

NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 215 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper. IOWA SEED CO., DES MOINES, IOWA.

is the advantage of all this painstaking? Much every way, and not the least in this, if you do your part faithfully and well and your trees fail to grow you may know to an absolute certainty, that they had been abused before reaching you.

Then go back to your nurseryman for a replace of trees or a refund of money, and if he is an honorable man, and you stick to him you will get one or the other. Or if you do not, you will know one firm that it is best to let alone in future.

## SOWING ONIONS.

When spring comes the first seed the wide-awake truck farmer seeks to put in the ground is the onion seed.

The soil should be prepared in the fall by heavy manuring, plowing and harrowing. In all cases the manure should be not coarse, green and lumpy, but fine and in condition to mix readily with the soil. With this fall preparation the ground becomes settled during winter, and freezing and thawing pulverizes the lumps. The soil for onions needs to be fine, "like an ash heap" as we say.

Then in March may come a day or two when the surface is dry, even though the frost may be out, only three or four inches. This is the golden moment, and you must seize it. The seed being in hand, and the drill in good working order, let the work be done promptly, but carefully. Don't seed too thickly. That's ruinous. And don't seed too thinly—you had better not seed at all. It is only by taking a middle course that you can avoid destruction on one side and failure on the other.

You cannot hurry the season. The soil must be dry even if you have to wait longer than you like to. To run your drill in muddy ground is simply impossible.

One may grow a fair crop if compelled to prepare the soil in the spring, and seed late, but his chances are not so good. And we are speaking of the methods most likely to bring extra good results. The point to bear in mind is this: early sown onions, like early sown wheat, always give the best crop. The seed starts at a low temperature, and

**HOODOO** A new, round, 1 1/2 pound, well netted melon, with red orange flesh. This is the "Lope," you must have for profit next year. Originated by Paul Rose, probably the most noted cantelope grower in the U. S. If you have not heard about it, write us. We have Mr. Rose's seed for introduction. Price for 1 lb., \$5.

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NEW CROPS, TESTED SEEDS, for Farm, Field and Garden. ALFALFA, CANE SEED, MILLET, KAFFIR, CORN, POP CORN, ONION SETS, CLIPPER MILLS, ETC. Also FULL STOCKS GARDEN SEEDS. If you wish to buy or sell, write us for price lists before you buy. THE BARTELDES SEED COMPANY  
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Best quality Garden, Flower and Farm Seeds, Alfalfa, Clover, Seed Potatoes. We will send free with catalogue a pkt. of new lettuce seed "May King" the best head lettuce ever introduced. Also have full line of Nursery Stock, Roses, Plants and Bulbs.  
**GERMAN NURSERIES, BEATRICE, Nebraska.**  
Box 12,

no late cold snap will injure it, or the young plants.

It is very important to give the onion crop a good start ahead of the weeds,



for thus the whole problem of cultivation is simplified.

The onion is a staple crop. As with other crops the yield and price varies with the seasons. Dry weather and poor culture makes a light crop, plenty of rain and good culture a full crop.

Five hundred bushels per acre, even if sold at thirty-five cents per bushel, makes a fair return for labor bestowed. But seven hundred bushels, at sixty cents, is better. And this last figure both in yield and price is often reached.

#### A STRAWBERRY LESSON

Many farmers and fruit growers may find it very instructive at this time of year, to compare a mulched with an unmulched strawberry bed. The unmulched, anywhere north of central Mis-

#### FANNING MILLS



We build both Side and End Sledge Cleaners for farm use. Let us tell you about the "Expert." It has stood the test for many years. Will grade your Oats and Barley, and is the very best in Timothy, Clover, etc. Select seed on the Double Test principle.

#### SMUT MACHINES



The Expert Smut Destroyer will stop the smut in OATS and BARLEY as well as wheat, and will increase your yield 5 to 10 bu. per acre. A boy can operate it. Write and see whether our claims are reasonable.

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We have the grader that is Expert in its work. Sacks all grades. Capacity 15 bu. per hour. Operator is seated. Folds for storage. Costs less than inferior machines. Write.

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**Large Kinds.** Mammoth Iowa Yellow, Snowflake White, Iowa White Wonder, Legal Tender.

**Medium Kinds.** Early Yellow Dent, White's Yellow Dent, White's Saluamander, Silver Mine.

**Early Kinds.** Leaming White Dent, Klondike Longfellow's Dent, Small grain, grass seed, vegetables, potatoes, cane seed, silage corn. Let us figure on your list.

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#### Mixed

**\$5.50 PER HUNDRED LBS., BAGS FREE.**

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Samples on application.

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Are the Best and Hardest on Earth.

WE have a full general line of fruit, shade and ornamental trees, evergreens, shrubs, bulbs, small fruits, etc. Send for our free catalog. Our 23 years in the Dakotas in this business makes it valuable to western planters.

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## Fire or Kiln Dried SEED CORN

OUR leader is Brown's Choice, which we years ago developed from Leaming stock, Reid's Yellow Dent, Iowa Silver Mine and Yellow Rose, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

**JOHN E. BROWN & SONS, MITCHELLVILLE, IOWA**

## SEED CORN


NORTHERN GROWN. Seven varieties. Sold in ear or shelled and graded as you prefer. All our own growing; also all kinds of nursery stock. Send for catalogs.

**THE GATEWAY NURSERY & SEED CORN CO. Le Mars, Iowa.**

**12 Pkts SEEDS THE BEST 20c**

Beet, Egyptian; Cabbage, Surehead; Carrot, Danvers; Corn, Early Evergreen; Cucumber, New Cumberland; Lettuce, Early Curled; Musk Melon, Paul Rose; Water Melon, Sweetheart; Onion, Prize Taker; Radish, New Congo; Squash, Marrow; Tomato, Matchless. One packet each for 20 cts., coin or stamps. FREE with order; packet of New Bavarian Oats. Mention paper.

**W. W. BARNARD CO., Dept. 6, Kinzie St., Chicago.**



**300 Plants \$1.00**

100 of that choice new variety, Senator Dunlap and 200 of two other choice varieties, and printed instructions with each order on how to grow them.

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## 300,000 RED CEDARS.

WE make a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list.

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## The Jewell Nursery Co.

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Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1888. Hardy seeds, trees and plants. Agents wanted—Good pay.

**STRAWBERRY PLANTS** 15 best varieties, Special—300 Senator Dunlaps \$1. Fred I. Slocum, Dexter, Iowa.

**SEED CORN** Funk Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

**KHERSON SEED OATS FOR SALE.** Big yielder, will not lodge or rust. 50 cents a bushel. Aye Brothers, Blair, Nebraska.

souri, will be found looking sere, brown and apparently lifeless.

But lift the litter from the mulched bed and you find the plants, about as fresh and green as in the fall.

The lifeless damaged condition in the first case is the result of alternate freezing and thawing. The green, healthy look of the mulched bed is because the mulch has kept the plants frozen and protected from sun and wind.

The unmulched plants are not entirely dead. In most cases there will be quite a growth when spring comes, but the crowns are so injured that only a few fruit stalks will be put forth. And the owners of those beds will be saying later, "This is a poor berry year." But those who have mulched beds—barring the accident of late frosts—will assert, "I never had a better crop."

The difference in yield between the mulched and unmulched will be about as one to three or four, in some cases worse.

Figure out the difference in value between one-third and a full crop, and note how well it pays to spend a dollar or two if need be for straw. The time to put on the mulch is November, but the time to see and realize fully the need of it is March.

#### A PRECAUTION AGAINST CODLING MOTH.

Many apple worms escape from the fruit and go into the pupa or inactive stage in the cracks and crevices in the apple barrels and boxes and other places in the cellar or cave. These will, if undisturbed, emerge about May 1st in the form of moths to lay eggs for next season's crop of worms. To prevent this the barrels should be examined and the cocoons destroyed, and the cellar or cave cleaned.

This is really very important as comparatively few moths are present at the beginning of the season, and since those which survived the winter get their start in life in late fall or winter apples, it is quite probable that the parents of practically the entire first brood of worms pass the winter in some friendly cellar.

Where orchards are close together little can be done in this direction except by co-operation of all the orchardists in the community.

#### Growing Celery.

To the Editor of The Homestead:

Celery is a relish which should be found on every table. Its value in making soups, salads and many other culinary creations is recognized, and its name frequently finds a place on the farmer's grocery bill, but very few farmers, indeed, have even attempted to grow it in their gardens. The majority of experimental efforts result in failure because the successful culture of celery, perhaps more than any other field or garden plant, depends upon the performing of several operations in exactly the right manner.

The first difficulty usually experienced is in getting the seed to grow. This cannot be remedied to any great extent except by being sure to plant enough seed, as but a small percentage can be made to germinate at the best. Often the plants which do start turn yellow and wither and die. This difficulty may be prevented, partially at least, by supplying sufficient water for the needs of the plant. The scientific works on celery growing say that celery seed should be planted where the water continually stands very near the surface of the ground. This condition may be brought about artificially more easily than it can be found naturally.

Early celery is usually started in the hot-bed. It is not best to plant the seed as other seeds are ordinarily planted on account of the difficulty of supplying sufficient moisture without "drowning" the manure. The better method is to plant the celery seeds in fine soil in a tight box made of thin wood or in a

# KHERSON SEED OATS.

THE NEW KHERSON OATS were originally imported from Russia by the Nebraska State Experimental Station, and have proven one of the surest croppers and largest yielders, as well as best sorts fully two weeks earlier than others. THEY DO NOT RUST OR LODGE as many other sorts do, and are Lincoln, Texas Red-Rust-proof and other extra early sorts. Prices 50 to 75c per bushel, bugs included. Write for our Big Illustrated FREE Catalog. A postal will bring it. Address,

**RATEKIN'S SEED HOUSE, SHENANDOAH, IOWA**



## WE BUY OLD BAGS

Send your grain, feed or cottonseed meal sacks to us and receive highest prices. We are paying some customers from \$10 to \$20 a month for second-hand sacks. Tell us what you have and we will gladly quote prices. Write today.

**ST. LOUIS BAG & BURLAP CO., 303 N. Main St., St. Louis, Mo**

tin pan or other such receptacle about four to six inches deep. This should be watered frequently until the water comes very near the top of the soil. If the plants are to be grown for late celery the same box treatment should be observed, but the use of the hot-bed is not necessary as the seed should be planted May 1st to May 15th, and by that time the soil and air are warm enough that the seed will grow in the open.

When the plants have grown to a height of about two inches, they should be transplanted to raise in the garden.

Methods of celery growing vary greatly, but for a small amount for home use we would recommend the following method:

In the first place the ground should be well covered with fine manure; three parts horse manure to one part hen manure makes a good mixture. The soil should then be thoroughly cultivated and all clods broken and weeds destroyed. A trench one-half foot deep should then be dug and the celery plants set in about six inches apart. For several weeks growth will be very slow, and in the meantime good culture must be given or the weeds will completely smother the tender young plants. When the celery finally begins to grow and spread it is able to take care of itself fairly well. As growth proceeds the stalks will spread out upon the ground. They should be gathered up carefully with the hand and loose earth drawn to them to hold them up.

The best way to blanch summer celery is by slipping a three or four-inch tile over each plant when the longest stalks have attained the length of about twelve inches. Late celery may be banked up with earth, but in the warm weather such treatment would induce rot in the earlier varieties. Not much blanching is necessary for winter celery until after it is dug, when it is transplanted to the cellar or cave and there kept in absolute darkness where the work of blanching will go on very rapidly.

It is generally supposed that celery can only be grown in very low, swampy ground. We have found this to be an error, however, as we have always grown it on a high, black, sand and clay loam without irrigation in any manner. Good cultivation was given however, and a complete dust mulch maintained which conserved the natural moisture of the soil and made it available to the growing plants.

#### Strawberries as Fillers.

To the Editor of The Homestead:

The value of the strawberry as a filler, or in other words, to plant in combination with other crops is often overlooked by growers, but it is a fact that there is no fruit that combines so well with others. One reason is that it comes in bearing so early, producing a full crop the second year while all the other small fruits either produce nothing till the third year as the grape, or only a small crop, as the raspberry and blackberry. It is possible, therefore, to take

## TREE LILAC - 30 FT. HIGH

A real tree, not a shrub. Never saw one? We have them for sale and many other kinds of fine Lilac. Send for catalog. Positively the finest in the Northwest. It fully describes and prices all kinds of Shrubs, Vines, Trees, Roses, Bulbs, Perennials, etc., and tells you how to plant, prune and care for trees, and all kinds of nursery information. Sioux City Seed & Nursery Co., 2113 Clark St., Sioux City, Iowa

## TREES At Half Price.

EVERGREENS. Good stocky, well-rooted, transplanted trees, 5c each. Three-year apple trees 10c. each. \$5.00 per 100. Our catalog will tell you all about our cut prices on ROSES, BULBS, SHRUBS, BERRIES, SHADE TREES, Etc. A postal will bring it.

**BRISTOW NURSERY CO., Box 210, Hampton, Iowa**

## IOWA CLOVER

TESTED for germination and purity. Our "PURITY BRAND" is guaranteed free from Quack, Mustard, Canada Thistle, etc. Absolutely the best. Home grown Medium Red, Mammoth and Timothy. Also Alsike, White Clover, Alfalfa, Blue Grass, Genuine Dwarf Essex Rape, Adams' ENGLISH OATS and field seeds of every description. Pure bred SEED CORN, Garden and Flower Seeds. Get our catalog.

**THE ADAMS SEED CO., DECORAH, IOWA**

**BUY YOUR SEEDS** directly from the Farmers and Growers. We produce them on our Fairbank farms from pedigreed Seed Stock only.

**Farm and Garden Seeds. Seed Potatoes, Trees & Shrubs**

Such Seeds produce the largest yields everywhere. Write for catalog, English or German. **FARMER SEED CO., Box 14, Fairbault, Minn.**

## CLOVER

New Crop IOWA GROWN Recleaned and Tested

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.

**IOWA SEED CO., Des Moines, Iowa.**

**SEED CORN** REID'S YELLOW DENT Improved Pride of the North. Scientifically bred, carefully selected. If corn is not satisfactory, it may be returned and money refunded. Shipped in ear or shelled as desired. **W. G. GRIFFITH, McNabb, Ill.**

**HEALTHY TREES** HONEST IN QUALITY WE PAY FREIGHT

Grafted apple 4c, budded peach 4c, budded cherry 15c. Concord grapes \$2 per 100. Black Locust \$1 per 1000. Complete colored cat. free. Galbraith Nurseries, Box 82, Fairbury, Neb.

**STARK NURSERIES** sell Direct pay freight, give FULL value

Founded 1825. Large NEW Fruit Book free. **STARK BROS., Louisiana, Mo.**

**AGENTS** wanted to introduce Burbank's wonderful seedless plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

advantage of the early bearing of the strawberry and make it pay for the use of the ground and for the cultivation of these slower crops while they are coming into bearing. Another reason that makes the strawberry fit in so well with



all other fruits is the fact that it grows so small and close to the ground that it does not interfere with them nor they with it, and also the fact that it is so shallow rooted that it is easy to exterminate it the moment the other kinds call for all the room.

For example I have combined strawberries with grapes with great success and this plan is especially valuable for those who are crowded for room and have only a small place to plant. The grape rows can be laid off eight feet apart and the vines the same distance apart in the row. After the vines are planted, strawberries can be set in the row with them, three plants two feet apart between each two vines. Next a full row of berries can be planted between the grape rows which would make it just four feet from the vines. Planters who try this plan will find that the grapes grow off wonderfully fast under the extra cultivation demanded by the berries. Every time the berries are hoed of course the vines are hoed too and that is about twice the cultivation they generally get. Care must be taken not to allow the berries to spread up to and around the vines so that they cannot be hoed for that will check their growth. Do not let the runners take root closer than a foot of the vines and hoe the grapes with the same care as the strawberries. The result will be the thriftiest lot of vines you ever raised. The strawberries may remain two years or even longer since they do not interfere with the grapes. The first year the grape canes may be suffered to run along the ground, only two being allowed to grow and these trained to the right and left in the berry row, so as to be out of the way of the cultivator.

This same combination I have tested successfully with raspberries, blackberries and gooseberries and even fruit trees, but as I have said, if the strawberry runners are allowed to surround the other plants the result will be to stunt them and lose them a year's growth.

Missouri. L. R. Johnson.

#### SEEDSMEN AND CATALOGS.

##### DON'T PUT IN A GARDEN,

if you want to have any peace of mind this summer, unless you have got it poultry proof. In other words, either fence out the poultry and fence in the garden or else fence in the poultry. Either way accomplishes the same desirable result. Chickens like young lettuce and onion tops and cabbage as well as you do and they will rise just enough, earlier every morning to get there before you do, too. Don't kill the poultry, and don't live through the season without a garden, if you have dirt enough for both to exist in different places. Get some Musgrave poultry fence. Just the stuff. Write to the Musgrave Fence Company, Des Moines, Iowa, for description and prices. Mention this paper as per advertisement on page 19.

##### MONEY CAN BE MADE FROM THE ORCHARD.

No one would attempt to grow a crop of potatoes without using Paris green or London purple to protect them from the bugs, yet many fruit growers have the mistaken idea that after setting out the trees the work is done, except gathering the fruit and occasionally sawing off a few limbs. Wide-awake fruit growers are just beginning to realize that a judicious use of spraying solutions is absolutely necessary to secure a profitable crop of marketable fruit. Unless the insect enemies are to be allowed to empty your purse a relentless war of extermination must be carried on. Mr. Fruit Grower, you ought to get in thorough touch with this matter right now. A hook of great interest to fruit growers and farmers interested in more and bet-

CANE

THE MOST VALUABLE of all fodder plants for cattle and horses and of special value to dairy farmers. Send for descriptive circular and testimonials proving its value and telling how to grow and feed it both green and dry. Cheapest of all feeds for winter use. Some farmers sow 50 to 100 acres every year and it produces immense crops. Sample and large, illustrated catalog of farm and garden seeds free if you mention this paper.

IOWA SEED CO., Des Moines, Iowa.

5 VARIETIES of seed corn for sale at \$1.25 per bu., cured or shelled. Satisfaction guaranteed or money refunded. Alex James, Rt. 1, Shenandoah, Ia.

BROME grass seed for sale. I have a fine lot of seed for sale right if taken at once. Write me now. Geo. W. Schwab, Clay Center, Neb.

WRAGG NURSERY GUARANTEES

WE PAY FREIGHT. We Grow Our Own Stock and Guarantee it to be the best on the market. We have a full line of TREES, SHRUBS, ROSES and EVERGREENS, etc. which we will ship you on approval, freight prepaid. Why not order Evergreens, of which we make a specialty, for a wind break for your home? We guarantee lowest prices on everything in our line. Write for free cut-rate price list.

M. J. Wragg Nursery Co., 332 Good Block DES MOINES, IOWA

ter fruit, describing fully their prepared mixtures, can be obtained by writing today to the Quincy Spray Mixture Company, Box 213W, Quincy, Ill.

##### WHO SAYS ROSES?

That's a flower rather expensive and hard to get these days. They can't be grown except in greenhouses and when you have to pay \$2 a dozen, and a dozen keeps only one week, one can't afford to have them around all the time. A splendid rose offer is now being made by the Mother's Magazine in other columns. They are sending a beautiful picture of red and yellow roses 16x20 inches in size to everyone who sends ten cents in stamps for three months' subscription to the Mother's Magazine, a large illustrated family paper, full of interesting reading. Now, remember this is the offer: An elegant picture and three months of good reading all for a dime. Write for this generous offer to the Mother's Magazine, Elgin, Ill. Look for the advertisement on page 18 and mention The Homestead in your letter.

##### HARDY TREES, PLANTS AND SHRUBS.

One of the nursery firms which caters to the trade of northern planters is Strand's Nursery, of Taylor's Falls, Minn. This firm are extensive growers of the best and hardiest varieties of nursery goods for northern trade. Their neat little catalog should be in the hands of every grower of fruit, vegetables and ornamental trees. It has always been the policy of these agents to employ no agents and in this way they have been able to meet competition fair and square and supply customers with a high quality of goods at the lowest prices. They carry a full assortment of all leading varieties of their stock on hand. After looking over their catalog we feel quite safe in saying that they can furnish you with stock at very reasonable prices. Try these people if you are in the market for any of their stock.

##### HENRY FIELD'S SQUARE DEAL.

Mr. Henry Field has always made it a policy in selling seeds to sell only the best. His plan of selling only guaranteed seeds has made it possible for him to build up a wide and profitable business. Once a customer, always a customer, is the rule with those who plant Field's seeds. Just ask those who grow Field's seeds, secure a package and note the guarantee regarding the truthfulness of his seeds to name and purity. The recent investigations have revealed the fact that there is a startling amount of adulterated seed being sold. Mr. Field's record in this exposure was beyond reproach. His full assortment of grain seed, flower and garden seeds are described in his catalog. Write for it and before reading further see what Mr. Field says about adulterated seed on page 24. Mention this paper when writing and address your letter to Mr. Henry Field, Box 25, Shenandoah, Iowa.

##### A BEAN AND PEA THRASHER.

A bean and pea thrasher is probably just what hundreds of men have been looking for during the last few years. Beans and peas are one of the most valuable leguminous crops raised on the farm. Heretofore the necessary machinery for harvesting and thrashing the crop has not been available by the average farmer. In another column will be found an illustration of a perfected bean and pea thrasher. It is claimed to do the work without splitting the beans and peas; it separates them from the vines and pods and then shreds the vines for fodder. This thrasher will make it possible for a much greater acreage of these legumes than has heretofore been harvested. Here is an opportunity to grow more of a very valuable crop. "How to Grow and Handle Your Bean Crop Successfully" tells you all about it; it is free. Send for it today to J. L. Owens Co., Minneapolis, Minn. See page 24 for further particulars of this offering.

##### AN INVENTOR AND MAKER OF CORN GRADERS

is now offering to farmers and grain growers the result of his thirty years of experience. With the coming of every season we find more and more practical farmers supplying themselves with corn graders, fanning mills and smut machines. In fact these machines have come to be an absolute necessity with the grain grower who expects to make any more than a living. Nobody wants to work simply for his health. It costs just as much to sow and plant foul seed as pure seed. The best corn planter on earth cannot drop ungraded corn evenly. Only when there is a close uniformity between the corn grains will there be any assurance of an even stand. On page 11 will be found full particulars regarding a practical corn grader. The machine is simple and has a capacity of fifteen bushels per hour. The maker of this machine also sells a full line of fanning mills, smut machines and other machines for grain growers. These machines have been fully tried out on the best of farmers. If you are an intending purchaser write to Mr. Andrew Cleland, 80 Western Ave., Minneapolis, Minn. See page 11 for further particulars.

##### THE NECESSITY OF GRADING SEED.

Undoubtedly few farmers realize the importance of grading seed. New methods and ideas are slowly accepted by the average run of grain growers. We well remember the time when it was thought a foolish thing to bother fanning seed. The time has come, nevertheless, when no careful farmer thinks of putting foul seed into the soil. Now it is up to most grain growers to grade their seed. It is absolutely necessary in order to secure an even stand. An even stand covers the ground evenly, chokes out weeds and receives full value of rains and the plant food that is being liberated in the soil. We have walked over hundreds of fields of grain where there were bare patches as large as a blanket. Invariably these patches grew up in

weeds. During the harvest the weeds were bound in with the grain and thus the seed returned to the soil whether it went through the thrashing machine or whether the bundle was left in the field to rot. That an even stand of grain chokes out weeds needs no proof other than a little careful observation on the part of the farmer. If the increased yield is only a bushel or so to the acre, on the whole field this increase is sufficient to pay for a number of grain graders. Now, can you afford to go on and grow grain on high-priced land without getting the highest returns possible? In our columns will be found advertised a corn sorter that really sorts the corn and a grain grader and grass seed cleaner that are guaranteed to do high-class work. Now, these three implements are offered for the price that is often charged for one. Write today for prices and address your inquiry to the Hall Grader Company, Winfield, Iowa. Kindly refer to page 24 for this grand offer.

##### DON'T ALLOW "PESTS" TO DESTROY YOUR FRUIT.

Did you ever stop to think why you gathered so few perfect apples last year? More than likely the failure of your fruit crop was caused by a fungus, or the codling moth, which blighted the blossoms and young fruit as it was forming. They were your enemies last year—they will be this year. Study up



the subject and be prepared to give the pests a royal this coming year by spraying trees and vines at the proper time. This matter of spraying is no longer a question of policy or of experiment, but of stern necessity to farmers and fruit growers. The war against the de-

structive army of pests must be aggressive—exterminating—if you would save the fruit as well as the trees and vines which bear it. If you are at all interested in securing a better crop of fruit or vegetables it will be well worth your while to write the William Stahl Sprayer Company, Box 103-U, Quincy, Ill., for a copy of their free book telling all about spraying and how, when, where and what to do with.

##### THE STRAWBERRY MAN—J. L. TODD.

Below appears the likeness of Mr. J. L. Todd, of Woodward, Iowa, who now offers to supply our readers with the best and most productive varieties of strawberries at most



reasonable prices. For one dollar you can buy 300 plants, which will be enough to set out a large bed. Don't let the spring come and go without putting out a bed of this luscious fruit. Along with your shipment will be sent full instructions regarding planting and care of the bed. Remember the address, Mr. J. L. Todd, Woodward, Iowa. See page 11 for the varieties offered.

##### HARDY TREES AT HAMPTON, IOWA.

In 1869 the Bristow Nursery Company was established at Bristow, Iowa. Ever since that time they have been in the business of growing hardy ornamental and fruit trees and smaller stock. In 1899 this company moved to Hampton where at present they are carrying on a very successful business.



Their twelfth annual catalog is now ready for mailing. It contains a very full assortment of native and foreign varieties of this kind of stock that they have on hand. Their ornamental trees are their pride and they take special pains in packing, as will be seen by the illustration. They have a full assortment of evergreens and are prepared to furnish them at reasonable prices. If you have been intending to ornament your yard for several years, do not delay it any longer. Here is an opportunity which you should not miss. Write these people for anything in their line and see page 11 for further particulars.

##### MORE FROM HENRY FIELD.

Before you begin on this I want to tell you that I am paying for space here to tell you about myself and my seed business. You know of course that I am in the seed business. Been in it for years. The biggest and best seed business in the West, too. Now I want to talk to you about my seed business.

In the first place my seed business is different from any other I know of. I started as a market gardener. Raised to that business. I gardened a long time before I ever thought of going into the seed business. I learned a lot about seeds and seedsmen and I often thought of how I would do it if I were selling seeds instead of buying.

And all the time I was getting a little more into the seed business. The neighbors noticed that I had pretty fair luck with gardening and they kept coming to me for "some of the same seed" that I used. And they would want seed corn and seed potatoes and strawberry plants. So finally I made a business of it every winter. I didn't have any catalog then, but I just solicited the orders personally and delivered the seed in the spring. I was the whole thing myself from catalog to delivery wagon.

Well, it spread like the measles. I gave good stuff, "your money's worth or your money back," and it wasn't long till I had all the seed trade in this part of the country and was getting mail orders from outside, and had to turn the front room of the house into an office and the barn into a seed house.

That was several years ago, and as my business has practically doubled every year since, I now have a mighty big business, and a mighty nice business, too. I expect to be selling seeds for fifty years yet and I am going ahead on that idea. It's not this year's business I am looking at, but next year's and the year after, and ten and twenty years to come.

I believe it pays to give a square deal. A man's a fool that thinks people will believe a lot of exaggerated pictures and crazy descriptions. They may bite once, but that will be the end of it. I don't want that kind of customers.

I'm not trying to reform the whole seed business. That would be too big a job for me. But I have managed to do some good and have started some things that were big reforms in the seed trade. For instance, I was the first seedsman to push the sale of ear seed corn. I was alone in it at first, but now they are all in line. Later, I was the first to offer graded seed corn. So far as I know I was the first seedsman to print a guarantee on my packets. I am still practically alone in that. With possibly one exception I am the only seedsman to offer a guaranteed grade of clover and grass seed.

Now, here is where you come in. I want to get acquainted with you in a business way. I want to be your seedsman. Anything you want in seeds I can supply you. I grow all kinds, garden seeds, flower seeds, seed corn, seed potatoes, clover seed and all of the very best. I sell everything subject to test, and subject to your approval.

Write for my catalog anyway. It's worth having for the information it contains. If you do any gardening at all, you ought to have it whether you intend to buy any seeds or not. It's free, and I send samples of seeds and seed corn and flower seeds with it. I want to get acquainted with you and I don't know any better way than to have you get my catalog and read it through. Write for it. If more convenient for you, fill out this coupon below and send it to me.

And write me a letter. Tell me what you grow, and what you are making most money at, and what I can do to help you. Tell me your troubles. I've gardened a long time and maybe I can help you out some. Let's get acquainted whether we do any business this year or not. Address me this way: Henry Field, Seedsman, Box 25, Shenandoah, Iowa.

##### COUPON FOR CATALOG AND SAMPLES OF SEEDS.

Please send me postpaid, your catalog, and free samples of seeds as per your offer in Iowa Homestead.

Name.....

Postoffice.....

State.....



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is free from all adulterants. Every atom is paint. Use it, and you will know what you are putting on, and save money on the cost per gallon, cost per yard covered, and cost per year of wear. Sold by reliable dealers everywhere. Can be mixed to any desired color.

Our booklet tells how to select paint for farm buildings, and shows six beautiful color schemes. Sent FREE. Address Dept. D,

CARTER WHITE LEAD CO., Chicago, Ill.  
Factories: Chicago—Omaha.

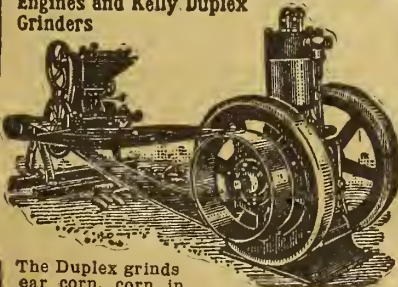
## PATENTS

If you have a new device which can be patented, it may make you a fortune if properly protected. Send sketch or model of your device for free opinion as to patentability. Among our clients who have made money out of their patents we refer you to the following: Wm. F. Gould, Des Moines, Ia.; Wm. H. George, Dexter, Ia.; H. H. Munson, Truro, Ia.; Franz J. Wood, Des Moines, Ia.; Gould Balance Valve Company, Kellogg, Ia.; P. H. Van Gorp, Pella, Ia.; Stocking & Mendenhall, Audubon, Ia.; Wm. V. Robinson, Des Moines, Ia.; Victor Landholm, West Point, Neb.; Samuel G. Scholz, Billings, Mo.; Benjamin F. Booth, Indianola, Ia., and many others we will name on request. Upon examination of your device we can tell you whether or not you can secure a patent. We have the largest and best equipped patent offices in the west. We also have Washington offices. As references we can give you The Homestead and many other papers, any bank in Des Moines, a large number of manufacturing concerns throughout the west, and other clients. If you have an idea, write us for full information as to how to protect it fully.

ORWIG & LANE,  
408 Crocker Bldg., Des Moines, Ia.

## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

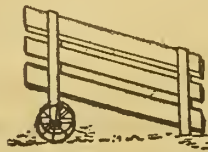
The O. S. KELLY WESTERN MFG. CO.  
DEPT. H, IOWA CITY, IOWA.

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\$100,000 for one invention; another \$8,500. Book "How to Obtain a Patent" & "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense. Patent Obtained or Fee Returned.  
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pulling stumps, grubbing, etc., and clearing land for yourself and others. Hercules Stump Puller is the best.  
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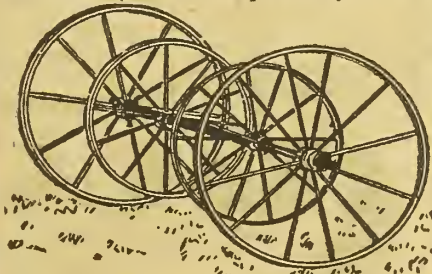
## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

G. G. K., of Le Mars, Iowa, sends us a sketch of a portable hog chute. Undoubtedly it will be found very handy, as one man can move it about quite easily by carrying one end and pushing it about like a wheelbarrow. Any old pair of wheels with a two-inch tire may be used.

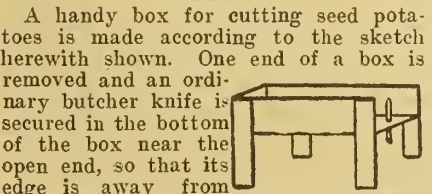


One of our subscribers requests a device for winding up barb wire, and we think in the illustration given, taken from an exchange, he may find something that will suit his needs. Procure two large buggy wheels and two smaller ones similar to those shown in the illustration. A steel rod may be used for an axle, so that the two inside wheels may turn independently of the

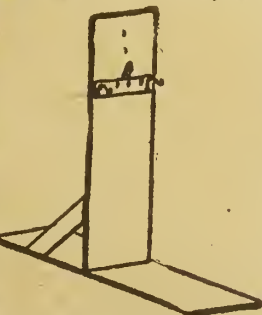
outer ones. Small strips of inch stuff are laid between the spokes around the axles of the two middle wheels. This forms a spool on which the wire may be wound. The size of the spool may be made to fit the amount of wire that is to be rolled up. It is often possible to roll a mile onto one of these spools, and this manner of taking up wire has the added advantage of being easily unrolled.



A handy box for cutting seed potatoes is made according to the sketch herewith shown. One end of a box is removed and an ordinary butcher knife is secured in the bottom of the box near the open end, so that its edge is away from the operator. The potatoes are pressed against this knife and are cut as desired. This plan makes it possible to do the work of cutting seed potatoes with more ease and rapidity than if one hand is used in manipulating the knife. This same correspondent, Matthias Marty, of Wisconsin, states that he has used a handy stand, to be used



in holding sacks and bags while they are being filled, for a number of years. The bottom piece and upright are made of two-inch stuff ten or twelve inches wide. Holes are made in the



top of the upright to fit the pin which holds the sack holder. This is for the purpose of adjusting the holder to the height of the bag, as it is very common to use both cotton and hemp sacks. The contrivance for holding the sack is made of an inch board six inches wide and the width of the upright. Nails are driven in the face of it on which the back of the sack is hooked, while the sides are placed over the ends of iron rods which extend away from the face of the back strip and on each side of the sack.

Women have a case for their fancy work, and there is no reason why the farmer who has a great many tools to carry around over his fields during the season when heavy farm machinery is in use should not have a more convenient way of carrying his tools than is ordinarily supplied in a crude tool box. In the attached illustration we have attempted to represent a canvas case or tool kit well suited to this need. This kit is made of the heaviest canvas and is partitioned off with pockets into which the different tools may be



## The Little Red School House

In order to supply the necessary moisture a large irrigation project is now under way which will supply water to the very richest portion of this great Canadian province.

The Canadian Pacific Railway Co. is building a vast system of ditches, which, when completed, will water about 1,500,000 acres of this rich land.

Land under this system of ditches is being offered at prices so low any man with a small amount of money can find a home there with the assurance that with one or two crops the land will be paid for.

On the vast irrigated tracts of Southern Alberta you can find a farm that will just suit you, and you can rest assured that if you farm it fifty years you will never have a crop failure.

Full information and particulars how to see the land, terms of sale and prices will be sent upon application to

IS FOUND in the rich farming country of Alberta, Canada, just the same as it is found on the prairies of the central or eastern states.

In fact, facilities for educating your children are just as good in Alberta as they are in any section of the United States.

Western Canada is keeping abreast of the times, and in the matter of making money from agricultural pursuits it is ahead of any other country on earth.

Live stock and crops can be produced cheaper there, and in larger quantities, than in any other part of the world.

The rich grasses to be found on the plains of Southern Alberta produce better and fatter live stock than any other grasses known, and with the addition of a little water almost any kind of grain or vegetable can be raised.

Canadian Pacific Irrigation Colonization Company, Limited,

71 Ninth Avenue, West, CALGARY, ALTA., CANADA.  
Sales Department, Canadian Pacific Railway, Irrigated Lands.



## THE BANNER RIDING ATTACHMENT.

This SAME attachment can be clamped to any right or left-hand, wood or steel beam, walking plow, lister, sod breaker, middle buster or harrow that is made. ONLY \$15.00 from your dealer or delivered by us to your station. WE WANT AGENTS. Write us for, terms, territory and full description.

THE BANNER PLOW COMPANY,

COFFEYVILLE, KANSAS

placed. It may be rolled up in a snug roll and strapped up to hang on any place about the binder, harvester, or



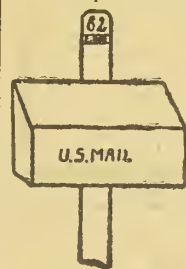
other large machine that needs attention so frequently. When any repair work is needed the outfit can be unrolled and you have every tool right at hand where you want it. Whenever you lay a tool down it is very likely that you will place it right in its pocket, consequently there will be fewer tools lost than if you threw them down on the ground or laid them on some part of the machine, where perhaps they might be forgotten and lost. The convenience of a case like this cannot be appreciated until you have tried one for a season.

"For twenty years," writes C. G., of Rock Island, Ill., "I have used a device for setting out trees and I find it a very splendid idea to keep the trees in line. After the rows have been staked out and marked, we lay the board shown in the illustration right over the hole where the tree is to be planted. The board is held in place by stakes driven into the notches at either end. The trunk of the tree is placed in the



notch in the middle, after which the earth is thrown in and tramped. When the hole is being dug the board, of course, is removed, but the pegs at the end preserve its position, so that when the board is replaced it will not be out of line. The board is commonly

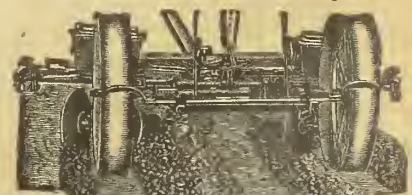
six feet long and we would not think of setting out trees without making use of it." The same writer contributes an idea regarding numbers on mail boxes. As the painted numbers soon disappear, they are not generally satisfactory. The illustration shows how the piece to which the mail box is attached extends over the top of the box. On this piece the number of the box is put in aluminum or metal letters. The name may also be inscribed on a metal band which



may be attached just below the numbers.

## KEMP DISK FURROW OPENER.

We herewith print an illustration of the Improved Kemp Disk Furrow Opener, manufactured by the Walker Manufacturing Company, of Council Bluffs, Iowa. In this day and age when increased yield means everything to the farmer, it behooves the up-to-date man to know what is best for him to use. This Kemp Disk Furrow Opener will



increase the yield from 15 to 25 per cent. It removes all clods, young weeds, trash of all kinds from the corn row and makes a clean, mellow seed bed in which to drop the corn. It produces a better stand and an increased yield by planting each hill the same depth. It can be attached to any make of planter and is easily and quickly put on. It will increase the yield from eight to twenty-five bushels per acre and will pay for itself in one day's planting. A scientific test made by the Kansas Experiment Station shows a gain of eight bushels more per acre by its use than corn planted in the same field without it. A free circular describing it in detail will be mailed by the Walker Manufacturing Company, of Council Bluffs, Iowa, provided you mention The Homestead.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## Poultry Notes for March.

To the Editor of The Homestead:

It is the season when it seems that spring ought to be here—and isn't. While the thermometer is not apt to hover as closely about the zero point as in January and February, yet the keen north winds are shivery, and often snow drifts make us imagine we are back in the earlier months of the year.

But the hens know that spring is coming, even if she isn't as yet visible. The robins told us long ago she was on the way, and the feathered family show their faith by shelling out the eggs needed for the incubation of the little chicks we so desire. Too often, alas! Biddy prefers to show her faith by laying eggs, rather than by becoming broody. Here is where the incubator comes in. The day is fast coming when the majority of farmers will consider the incubator as indispensable as the mower or the thrashing machine. Farm-folks are not apt to take up new things in a hurry, but they are progressive, and by giving them time to be convinced, and a few good crop years to give them ready money, no class of citizens are more ready and willing to avail themselves of labor and time saving devices.

Farm machinery has made possible an acreage of grain quite out of reach before their advent. Just so the incubator and brooder makes possible a far larger output of chickens than the old way of depending solely upon hens. It wholesales the work and the product just as farm machinery has done with the crops. These hatchers have been so improved and perfected that, given fertile eggs, the chances are all in favor of a large percentage of strong chicks.

How early to set the incubator must be a matter of surroundings. With a good brooder house, chicks can be cared for at almost any season. If outdoor brooders must be depended upon, the middle of March in the Central West, is quite early enough to start the lamps in our machines. With the brooder house, February, or even January (if eggs can be obtained) will answer as a starting point.

With the very early hatches, those arriving before March, we must expect a maximum of care. It is out of nature's season, and if we do things out of her usual time, we must make up by double vigilance. One thing, however, belongs very properly to early March. If the work has not been done before, look over the incubators carefully, making sure that they are in perfect order for beginning business when the time comes. Clear flues of all possible soot; put fresh wicks in all lamps, cleaning the inside of the lamps themselves in thorough fashion. If hot-water machines, test them to be sure there are no leaks in the pipes to cause vexatious delays at a time when every day counts for so much. Have everything perfectly clean and sanitary, and then you can await the time for beginning operations with a mind at rest.

How long can we save eggs for hatching with a prospect of a fair hatch? That depends. At this season, when the weather is cool, the eggs can be kept safely longer than in the hot weather. They should be turned daily, and kept in a uniform medium temperature. In the case of very choice eggs, it will pay to keep them a little longer for the purpose of utilizing all from special matings, even if the hatch is a little lessened. Three weeks is as long as it is wise to keep them, although eggs have been kept four weeks with moderate success. Since choice chicks are worth much more than those from common stock, there should be an attempt to utilize the early eggs from the valuable stock, if possible.

I can never forget my sensations when I had my first incubator hatch. I had trusted the precious white globes to the untried machine with fear and trembling. As dear old Aunt Sally said, "It seemed to be runnin' agin' Natur'!" Never, in all my life, did I study my Bible more carefully than I did the little book of instructions. I turned every egg by hand twice each day,

## HATCH ALL Incubators Will Hatch Your Eggs

It beats the hen every time in any climate. No experience needed, because its regulator never fails to control the heat. One hatch of early chicks will pay for both incubator and brooder. Freight prepaid. Guaranteed to work.

## OUR HOT WATER, EASY TO CLEAN, BROODER

Is just the thing for the farmer's wife. It stays right out in the cold back yard and keeps warm, too. As easy to clean as the top of your table. That is why it saves and raises the chicks.

Don't buy anybody's machine until you have read our new catalog. It is full of pictures and poultry talk and free to you. The finest thing out. Write now.

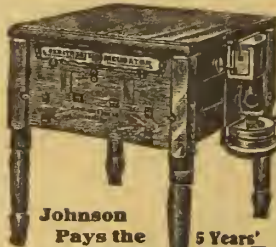
HEBRON INCUBATOR CO., Box 8, HEBRON, NEBRASKA



## OLD TRUSTY

INCUBATORS AND BROODERS

The Easiest to Operate Because It Runs Itself.



Johnson Pays the Freight.

5 Years' Guarantee.

Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on

40, 60 AND 90 DAYS' TRIAL and Five Years' Guarantee.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

SEND FOR JOHNSON'S BIG BOOK

Chock-full of common-sense talk and straight from the shoulder money-making suggestions. 300 illustrations. It is Free. Write today sure, and get his special offer.

M. M. JOHNSON CO., CLAY CENTER, NEB.

You go straight to success if you hatch and brood right. Get machines that have proven worthy, not once but thousands of times.

## Successful

## Incubators and Brooders

are record makers. Nearest nature's own way. Self-operating in all things. Many thousands at work giving perfect satisfaction year after year. Get on the safe side. Incubator and Poultry Catalog Free Booklet. "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper 1 year, 10c. Send for these today. Des Moines Incubator Co., Dept. 50 Des Moines, Iowa. We have a full line of poultry supplies, poultry and eggs.



## New Sure Hatch Book

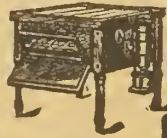
A new book, written to help MAKE POULTRY PAY BETTER

Off the press only a few days and already the talk of the poultry world. Has 102 large pages, with a wealth of illustrations. Filled to the brim with valuable information drawn from actual experience. Easy to read and understand. Tells all about the famous

## SURE HATCH INCUBATOR

How it is built; how it runs itself and pays for itself with one hatch! Sold under 5-year Guarantee, freight prepaid, for the low Sure Hatch price. Must do the work for you or we take it back at our expense. 110,000 in use, giving satisfaction.

Write today for the new free Sure Hatch Book. Read it before you buy an incubator at any price. SURE HATCH INCUBATOR CO., Box 16, Fremont, Neb., or Dept. 16, Indianapolis, Ind.



## A Free Book About Incubators

For your own sake don't buy an incubator until you read our book. It is written by the man who knows most about incubating—a man who devoted 24 years to the problem. It tells vital facts that you must know to buy wisely—facts you would not think of. It tells of Racine Incubators and Brooders, of course, but whether you buy ours or another, the facts are important. The man who writes the book made the Racine Incubator. When you learn what he knows you will want his machine, we think. The book is free—write today for it. Remember, We Pay the Freight. Address

Racine Hatcher Co., Box 135, Racine, Wis. Warehouse: Buffalo, Kansas City, St. Paul.



## The Reliable's 25th Birthday

This is our Silver Jubilee year. For 25 years Reliable Incubators have represented the latest and best in incubator building. They have stood the test of practical use all this time and are farther in the lead than ever. Send for free catalog. Reliable Incubator & Brooder Co., Box B-103, Quincy, Ill.

Sold on a Money-Back Guarantee.

## A Hundred Per Cent Petaluma Incubators

Is no uncommon hatch for They are the oldest and most reliable machines on the market. Materials are uniform and always high. Reduced and copper materials. Devices purely automatic and sure. Write us for free catalog. PETALUMA INCUBATOR CO., Box 4, Petaluma, Cal. Box 2, Indianapolis, Ind.

We pay freight in the U. S.

Box 4, Petaluma, Cal. Box 2, Indianapolis, Ind.

marking them so I was sure that each one was lying exactly on its opposite side. I hardly dared allow myself a good night's rest, lest something should go wrong in the wooden box which held such possibilities.

When the temperature began to go up toward the end of the second week, and I had to keep turning the lamp flame lower and lower, I was worried enough at first, till I read something about "animal heat." Then it all flashed over me. Animal heat! That meant there was life within those eggs, life that would mean success and real, living chicks at the end of the appointed time. I walked on air, then watched over the brooding machine in my cellar with redoubled vigilance, if such a thing were possible.

Aunt Sally, the dear, honored hoary head in our family, was as excited as I was. To her it seemed something almost uncanny, and she felt almost as if I might be having dealings with a certain objectionable personage. On the eve of the twentieth day, when through the glass doors we could see that the eggs were pipping, she gazed, almost in awe. I did not go to bed till nearly midnight, and when I did sleep, it was to dream of chickens galore.

Early the next morning I hurried down to the incubator, only to find Aunt Sally there before me. She was fairly shaking with excitement. "Oh, look! look!" was all she could say. Drawing up a low box, I peeped in, and saw the glass of the nursery filled with little heads with bright eyes, seeming very comfortable and happy in the new, strange world. Looking above on the trays, there were little fellows making frantic efforts to free themselves from the detaining shells. Aunt Sally wanted me to open the door and help one poor baby who was lying apparently exhausted with the hampering walls still confining his limbs. But I had read that the door must not be opened; and although my heart ached for the wee morsel, I dared not endanger the lives of many others for his sake.

I had to go up stairs and get breakfast, for Ezra and the hands must get to the field early. In about half an hour Aunt Sally appeared, her face fairly radiant. "Oh, Sophie!" she exclaimed,

## This 230 Egg Incubator

\$12.75



We Pay the Freight

East of the Rockies.

Here's an offer never before equalled. The famous

## Royal Incubator

sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalog of incubators, brooders, poultry and all supplies free. Booklet, "Proper Care and Feeding of Chicks," 10c. 50c poultry paper one yr, 10c. Royal Incubator Co., Drawer 755 Des Moines, Ia.



\$7.00

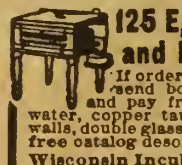
Buy the Best

120-EGG

Incubator

freight prepaid, ever made.

Double cases all over best copper tank; hot water; self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today. Belle City Incubator Co., Box 52, Racine, Wis.



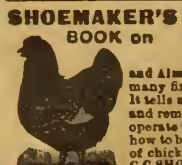
125 Egg Incubator

and Brooder Both \$10

If ordered together we send both for \$10 and pay freight.

Hot water, copper tanks, double glass doors. Our free catalog describes them.

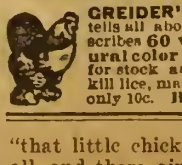
Wisconsin Incubator Co., Box 71, Racine, Wis.



SHOEMAKER'S BOOK on

POULTRY

and Almanac for 1907 contains 220 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chickendom. You need it. Price only 15c. C.C. SHOEMAKER, Box 1215 FREEPORT, ILL.



GREIDER'S FINE CATALOG 1907

tells all about pure-bred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. B. H. Greider, Rheims, Pa.

"that little chick got out all right, after all, and there ain't but mighty few eggs left that ain't either hatched out or



cracked. I guess your hatchin' machine is good for somethin' arter all."

It was funny, after breakfast, to see the men gather round that incubator, forgetting their haste to be in the field. The incubator soon grew to be an old story, as one hatch after another came off, but I can never forget the thrills and emotions of that first time.

Nebraska. Mrs. S. B. Titterington.

In the cold March days the eggs must be gathered frequently if desired for setting. A chilled egg is not likely to hatch, and even after it is spring by the calendar, we are apt to have pretty frosty weather. It is the careful attention to little things that brings success, and this is one of the "little-big" matters that means very much in the line of success or failure.

#### POULTRY PARAGRAPHS.

The ducks, too, begin their laying season in February. Ducks usually lay at night, and as a rule lay as many eggs as the average hen, but they confine their output to the months between

February 1st and September 1st. Early-hatched young ducks, however, very often begin laying about Christmas time or in January.

The geese generally begin laying this month. They have a very cute way of hiding their eggs, so carefully covering them up that one hardly suspects where they are. The writer confines the geese in a yard until they have laid.

Another theory that mated hens will become broody before unmated pullets has also proved incorrect. The past season an entire yard of unmated pullets became broody, while only one of the mated hens showed such signs.

Experiments, as well as chemical analysis, show conclusively that there is not enough lime for the formation of egg shells in the ordinary grain and green food as supplied to hens. It is necessary that crushed oyster shell be constantly within reach, so that the stock may help themselves at will.

Down in Maryland they use this bill of fare for fattening purpose: The last feed for one day is all corn, as much as they will eat; next day, boiled corn; third day, boiled buckwheat. Cornmeal mush, made as fine as possible, allowed to get cold, and then slightly warmed, is fed at noon. In the morning a little wheat is given. Green food is given daily, and clean fresh water and grit is always before them.

When the operator of an incubator has sufficiently mastered the condition of the air cell of an egg, he will be more successful in his hatches. When the air cell is too large, the machine needs moisture, when too small ventilation is the proper thing. Taking the measurement of an egg from the middle of the large end on the fifth day, it should measure about a quarter of an inch; tenth day, half inch; fifteenth day, five-eighths inch; nineteenth day, three-quarters inch.

#### POINTERS.

—Mr. W. J. David, of New Hampton, Iowa, can supply readers of The Homestead with Barred Plymouth Rock eggs at very low prices, as per advertisement which will be found on this page.

—Mrs. R. Van Der Wert, of Lacey, Iowa, can supply Homestead readers eggs from pure-bred Barred Plymouth Rocks for hatching purposes. Her advertisement appears on this page. Her prices will be right.

—Mr. C. J. Rose, of Ogden, Iowa, can supply readers of this paper with White Plymouth Rock eggs for hatching. They are from large-boned birds of the Fishel strain. Mr. Rose's advertisement will be found elsewhere in this issue.

—Mr. P. H. Thiel, of Renwick, Iowa, wants Homestead readers to write him for eggs from Single Comb Rhode Island Reds. They are unequalled for egg production, beauty or table use. See his advertisement on this page.

—Eggs from Single Comb White and Brown Leghorn chickens, each flock being kept on a separate farm, are quoted for sale by Mr. Geo. F. Blake, of Maquoketa, Iowa, in his advertisement that appears on this page of The Homestead.

—Mr. H. J. Anestad, of Slater, Iowa, is offering Barred Plymouth Rock eggs from pullets scoring 91 to 92½, and mated to cockerels scoring 91 to 92, for sale in his advertisement that appears on this page of The Homestead.

—Messrs. Aye Bros., of Blair, Neb., will be able to supply readers of The Homestead with 10,000 Barred Plymouth Rock eggs this season. They are from the Bradley Bros. and Judge Norval stock. See advertisement on this page.

—Mr. Roy Stacy, of Rochelle, Ill., can supply readers of this paper with Barred Plymouth Rock and White Wyandotte eggs from choice stock of both breeds. At the Chicago show Mr. Stacy made six entries and won first, second and third.

—Mr. F. G. Paul, of Laurel, Iowa, has some choice White Wyandotte cockerels and pullets which he is offering for sale in his advertisement that appears on this page. He also quotes prices on eggs which he will guarantee strictly fresh.

—Mrs. L. C. Reese, of Prescott, Iowa, is one of the best breeders of extra good Plymouth Rock chickens. She is now making a run on eggs and is making some special prices. Read her advertisement on page — and send her an order.

—Messrs. Aye Bros., of Blair, Neb., are offering Barred Plymouth Rock eggs of the Bradley and Judge Norval strains at \$1 per \$15 or \$4 per 100. This is one of Nebraska's good chicken farms and the boys will treat you right if you send them an order.

—Mr. Robert Holm, of Paton, Iowa, in sending change for advertisement found on this page, reports he is entirely sold out of Barred Plymouth Rock and Single Comb White Leghorn cockerels. He is now offering eggs for sale from these breeds.

—Mr. Burton J. Holt, of Pleasantville, Iowa, has an advertisement on this page in which he advertises eggs from fourteen of the leading varieties of poultry. His different breeding birds are very choice and from leading blood lines. He has some excellent bargains in eggs.

—Messrs. Slater Bros., of Monroe, Iowa, have been breeding Barred Plymouth Rocks exclusively for twenty-eight years. Their yards this year are headed by prize-winning cockerels. Their advertisement quoting

#### POULTRY.

### EGGS FOR HATCHING

From choice thoroughbred stock of the following varieties at right prices.

White Wyandottes S. C. B. Leghorns  
Silver Wyandottes R. C. B. Leghorns  
White Plymouth Rocks S. C. W. Leghorns  
Barred Plymouth Rocks Black Langshans  
Buff Plymouth Rocks Mammoth Pekin Ducks  
Mammoth Bronze Turkeys

We also carry a full line of Incubators, Brooders, Bone Mills, Medicines and Poultry Foods, especially for young chicks. Send for our Free Catalog giving prices.

#### IOWA SEED COMPANY

613-615 Locust St. DES MOINES, IOWA

### 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN. ALTA, IOWA

### STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 28 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 3d and 5th cockerel; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Ruise the kind that weigh and win. Eggs guaranteed fertile.

### EGGS! EXPRESS PREPAID.

BARRED Plymouth Rocks, choice selected stock, \$1.50; 30, \$2.50; 100, \$5.00. W. Wyandotte birds from yards that won in six entries, 1st, 2d, 3rd at Chicago Show, 1907. Address, Ray Stacy, "The Red Hog Man," Rochelle, Ill.

### BLACK LANGSHAN CHICKENS

I HANDLE THEM exclusively. Eggs for hatching—Pen No. 1, cock, scores 94½, price per sitting, \$1.25. Pen No. 2, cock, scores 94, price per sitting, \$1.00. O. H. STILSON, CORWITH, IOWA

### S. C. WHITE LEGHORN EGGS

\$1 Per Sitting; \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK. JOHN C. MILLER, ROUTE 2, HARLAN, IA.

BARRED ROCK EGGS 15 eggs, \$1; 45, \$2; 100, \$4. Blue barred Knight strain, scoring to 92. Also M. B. turkey eggs, Missouri King and Giant strains. Prize winners, scoring 96, \$5 per ten. Henry Schlatter & Sons, Lawler, Iowa

BARRED PLYMOUTH ROCKS Single Comb Brown for hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$4.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa

### 25 MAMMOTH BRONZE TURKEYS

both sexes for sale. From grandson of World's Fair 1st prize winner. Toms, \$5.00, hens, \$3.00. Order at once from this advertisement. Address, Jasper Lacy, Neoga, Ill.

### S. C. RHODE ISLAND REDS.

NOT equalled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. P. H. Thiel, Renwick, Ilinaboid Co., Iowa.

ROSE COMB BROWN LEGHORNS. FOR 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 18, \$1.50; 30, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$3. Ella Tharp, Mt. Sterling, Ia.

BARRED ROCKS Famous Eclipse strain. Son of 1st hen, Chicago, mated to pullets scoring 90 to 92 points. Will produce winners. Eggs 15, \$1.50; 30, \$2.50. O. J. Viland, Slater, Ia.

WHITE Plymouth Rock eggs. Fishel strain, 26 variety on separate farm. Eggs \$1.00 per 15, \$4.00 per 100. Address, Mrs. O. J. Early, Bristow, Iowa.

EGGS FOR HATCHING from pure bred S. C. W. Leghorns and Barred Plymouth Rocks at 75 cents per 15, \$2.00 per 50, \$3.50 per 100. Address, Robert Holm, Rural Route No. 1, Paton, Iowa.

EGGS FROM CHOICE MATINGS. Rose Comb B. Leghorns, S. C. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

SINGLE COMB White and Brown Leghorns. Each variety on separate farm. Eggs \$1.00 per 15, \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

CHOICE BLACK LANGSHAN cockerels for sale. Address, Mrs. F. H. Jewell, Bristow, Iowa

BLACK LANGSHAN eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia

EGGS FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

WHITE WYANDOTTES, standard bred. Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

BARRED Plymouth Rock eggs. Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

### ...LIGHT BRAHMA EGGS...

Thirty for \$1.00. Mrs. Lem Wygle, Clarksville, Ia.

BARRED P. R. eggs for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

MAMMOTH BRONZE TURKEYS, both sexes, large boned, fine strain, prices reasonable. Mrs. J. A. Campbell, Ogden, Iowa.

#### POULTRY.

## Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write S for my catalog.

Mrs. B. F. Wilcoxon, Fort Des Moines, Iowa.

### Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Dancer, Lamoni, Iowa

### Westview Poultry and Stock Farm

LIGHT Brahma cockerels and pullets. Barred Plymouth Rock cockerels at a bargain. Write me.

Mrs. J. C. Weber, Montezuma, Ia.

BLACK LANGSHAN COCKERELS FOR SALE—My unscored cockerels are excellent and I will close them out at \$1.25 each. My scored cockerels score from 91 to 94 points and are fine vigorous birds. These I will sell at \$2.00 to \$2.50 and guarantee satisfaction in all shipments. Mrs. J. H. Allen, New Sharon, Iowa

Mike & S. C. Buff Orpington Ranch. EGGS from scored birds. Cook strain. Pen No. 4 scores from 92½ to 94, 15 eggs \$2.00, 28 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

### White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scored birds. Mrs. Jessie Teale, Route 4, Lamoni, Iowa.

GREAT SQUARE DEAL STRAIN WHITE Wyandottes, large, blocky birds, great west of all winter as well as summer layers. Send for our free illustrated folder before you buy any eggs for hatching. North West Poultry Yards, Preston, Iowa.

### SPRINGWATER FARM POULTRY

A FEW choice M. B. toms and hens for sale at a score and a fine lot; will sell reasonable for quality of stock. Address, Whisler Bros., Fairmount, Iowa.

BUFF WYANDOTTES. Pen No. 1, first pen Iowa State Fair 1906, also first pen at Winterest, Ia. Pen No. 2, headed by 1st cockerel at Indianapolis, Ia. 94½. Eggs \$1.50 for 15, A. E. Goodman, Indianapolis, Ia.

ROSELAWN FARM. WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

MY FINE BARRED P. ROCK Pullets, scored. Mated to cks scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50, 1 H. I. Anestad, Slater, Iowa

PUREBRED Single Comb Black Minorca eggs, 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

PLYMOUTH ROCK EGGS Barred and Buff, scored 90 to 93 respectively. \$1.50 for 15; \$2.50 for 30. Guarantees 65% fertile. L. T. Calhoun, Indianapolis, Iowa.

LEGHORNS S. C. Brown and White. Birds scored to 96. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianapolis, Iowa.

SINGLE Comb Brown Leghorns. Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 each and up. Scored by Helmick. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa

MAMMOTH Bronze toms; Barred P. R. eggs, \$1.00 per 15, \$4.00 per 100; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Iowa

S. C. B. Leghorn cks. from stock scoring to 93½. S. White they last \$1.50 to \$2. No more egg orders booked this season. Miss Nettie Crane, Blencoe, Ia.

EGGS FROM FOURTEEN LEADING varieties of poultry. Great bargains, quality considered. Address, Burton J. Holt, Pleasantville, Iowa

WHITE PLYMOUTH ROCK EGGS, 15 for 75 cents, 30 for \$1.00, 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa

10,000 BARRED PLYMOUTH ROCK EGGS for sale. Bradley Bros. and Judge Norval stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

EGGS BARRED PLYMOUTH ROCK, line bred. Three matings, cockerel, pullet and field. Prices right. Mrs. Mary Pierce, Nevada, Iowa

BARRED PLYMOUTH ROCK and Light Brahmas eggs for hatching; from high scoring birds. 15, \$1.50; 30, \$2.50. H. G. Pridley, Toledo, Ia.

Eggs 30 for \$1.50, \$4.00 per 100 Eggs—Write for prices.

M. T. McEvoy, Emmetsburg, Iowa

S. C. B. LEGHORNS, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

EGGS FOR SALE—Largest, best pure bred White Wyandottes, Light Brahmas and I. P. ducks. Honest deal. E. S. Dyas, Bellevue, Iowa.

FOR SALE—Single Comb B. Leghorn eggs, 75 cts. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manilla, Iowa.

FOR SALE—Eggs from choice White Plymouth Rock. Plumage white throughout. Write for prices. R. M. Noble, Riceville, Iowa.

SILVER Laced Wyandottes, some choice cks. that S will be sure to please you, \$1 to \$3 each. Eggs \$1.50 per 15. H. G. Smith, De Soto, Iowa.

FOR SALE—Eggs from White Wyandottes of fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

ROSE Combed Brown Leghorn cockerels for sale R 6 for \$5.00, also eggs in season. Write for prices F. Bowman, Eldora, Iowa.

## Poultry Supplies.

As we are the largest as well as the oldest dealers in poultry supplies west of the Mississippi river we can offer many items of interest to poultry breeders. We also handle thoroughbred poultry and EGGS FOR HATCHING. Don't fail to send for a copy of our new illustrated price list. Complete catalog of seeds, plants, etc., also free if you mention this paper. Write at once.

IOWA SEED CO., DES MOINES, IOWA.

### BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c. FRANK FOY, BOX D, DES MOINES, IOWA.



### WRITE TO US BEFORE YOU BUY AN INCUBATOR

We Can Save You Money—only \$7.90

We buy material to the best advantage. We manufacture at least expense. Victor machines give you most for your money as our free books will show. Just say on a postal "Send Victor Book" and tell us the size machine you want and let us give you our special prices. Geo. Eriel Co., Quincy, Ill.

Hatch Chickens by Steam with the EXCELSIOR INCUBATOR Or WOODEN HEN Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.

FOR SALE: Live deer, all ages, California quail, ferrets, white swans, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.

### Hatch 'Em Easily

Don't waste eggs on hens, put 'em in a Poultry Leader Incubator and get chicks in plenty. It is guaranteed. Glad to send free my handsome, new, illustrated catalog. Write now to Emil Ochauer, Box 17, Sutton, Neb.

POULTRY PAYS Our Book, "Poultry for Pleasure and Profit" showing 35 best paying varieties mailed for 10 cents. Delavan Poultry Farm, F. E. R. Goetz, Manager, Box 35, Delavan, Wis.

#### POULTRY.

### EGGS FOR HATCHING

MAMMOTH Bronze Turkeys, Barred Plymouth Rocks and Pekin Ducks. Prices reasonable. Correspondence solicited. G. M. GRINSTEAD, Mitchellville, Iowa.

### Five Mammoth Bronze Hen Turkeys.

ALSO one tom, choice birds and healthy; also B. P. Rock eggs for sale, \$1.00 per 15. Write me. J. T. PRIM, NEW PROVIDENCE, IOWA

### Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawabe, Route No. 3, Harlan, Iowa.

MEADAR Lawn Poultry Farm, 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93, pullets score from 90 to 93½. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

PAUL'S WHITE WYANDOTTES. THE KIND that lay well, weigh well, and win in the show room. Cockerels and pullets from one to five dollars each. Eggs, farm raised, 50c per sitting (13). Exhibition pen, \$1.50 per sitting. Eggs guaranteed strictly fresh. P. G. Paul, Laurel, Iowa



prices on eggs appears on this page of The Homestead.

—Mr. H. G. Padley, of Toledo, Iowa, quotes prices on Barred Plymouth Rock and Light Brahma chicken eggs in his advertisement that appears on page 15 of The Homestead.

—We call the attention of our readers to the new advertisement of Mr. George H. Lawshe, of Harlan, Iowa, who is offering Barred Plymouth Rock eggs for sale from stock of the Bradley Bros. strain.

—Mrs. Lem Wygic, of Clarksville, Iowa, can furnish Homestead readers with Light Brahma eggs, as per advertisement on page 15. She writes: "I have a nice flock of large, fine birds that have the range of the farm. I will fill all orders for eggs as promptly as possible."

—A change in the advertisement of Mr. J. M. Cameron, of Ottumwa, Iowa, offering Black Langshan eggs for sale, appears on page 15. Mr. Cameron advises us he has two good cockerels left which he will sell for \$2 each or the two for \$3. His hens and pullets are all sold.

—Plymouth Rock eggs from four grand pens are offered to Homestead readers by Mr. W. J. Applegate, of New Sharon, Iowa, in his advertisement on page 15. Mr. Applegate has been a breeder of Barred Plymouth Rocks for sixteen years and can please those who will favor him with an order.

—Mr. J. A. Penn, of Alta, Iowa, has a new advertisement on page 15 of The Homestead. Mr. Penn is now offering for sale twenty-five fine large Barred Plymouth Rock cockerels that he will dispose of cheap to close out. He is also quoting prices on Plymouth Rock eggs in the advertisement.

—Mrs. Ella Tharp, of Mt. Sterling, Iowa, has Rose Comb Brown Leghorn eggs for sale as per advertisement on page 15. Mrs. Tharp has been furnishing Homestead readers with these eggs for the past fifteen years. Her prices are named in the advertisement referred to. She also quotes prices on White Holland turkey eggs.

—Mr. E. E. Healy, of Bedford, Iowa, has for sale a few choice Barred Rock cockerels (no culls) that he is offering at a very low price. He has been raising Bradley Bros.' strain for a number of years. He also offers sixteen eggs for \$1; 100 for \$4. If in need of a good cockerel write him. Look up his advertisement on page 15.

—Mrs. E. C. Turner, of Griswold, Iowa, is offering eggs from White Plymouth Rocks in her advertisement found on page 15. Mrs. Turner breeds no other variety of chickens and she has one of the finest flocks of 200 pure White Plymouth Rocks. They have the run of the farm and therefore the eggs are sure to be fertile.

—In furnishing new copy for his advertisement found on this page of The Homestead, Mr. F. L. Morse, of Floyd, Iowa, writes: "I have some very fine, well-developed Orpington cockerels, both scored and unscored, that I will close out very reasonably. They are a splendid lot and I am anxious to get them off my hands."

—Mr. C. L. Cole, of Geneva, Iowa, who has an advertisement on page 15 of The Homestead, writes: "I will sell my last Mammoth Bronze turkey tom, weighing thirty pounds, for \$5; the balance of my Single Comb Brown Leghorn cockerels, at three for \$2 or six for \$3.50. These birds are nicely marked and more than worth the money."

—Mr. J. T. Prim, of New Providence, Iowa, in furnishing copy for his advertisement found on page 15, writes: "I still have five Mammoth Bronze turkey hens and one tom for sale on which I will make special prices. I have had fine trade this winter. I consider The Homestead a good advertising medium. In Barred Plymouth Rocks I have Gardner and Dunning strains."

—Mr. F. E. Wadsworth, of Alta, Iowa, is offering Barred Plymouth Rock cockerels and eggs for sale in his advertisement on page 15. He writes: "I have several high-scoring cockerels I will sell at half price for the next ten days to make room. Those in need of good cockerels will get their money's worth by sending at once, without writing first, as it is getting late in the season."

—Mr. O. H. Stilson, of Corwith, Iowa, has an advertisement offering eggs from Black Langshans on page 15. In furnishing copy, he writes: "I have the best lot of chickens in the state and can satisfy anyone on quality. I have been breeding Black Langshans for fifteen years with a view to reaching the top in quality. I have sold over sixty cockerels this spring and could have sold more if I had had them."

—Mrs. Mary Pierce, of Nevada, Iowa, is offering some very fine line bred Barred Plymouth Rock eggs for sale on page 15. She has eggs from three matings—a cockerel mating, a pullet mating and a field mating. Those in need of good eggs write her for prices. She also has a forty-pound yearling Mammoth Bronze tom, first-prize bird at Ames, Iowa, score 97, and a young tom for sale. Her prices will be right.

—In furnishing copy for his new advertisement on page 15 of The Homestead, Mr. Jasper Lacey, of Neoga, Ill., writes: "We still have twenty-five fine large Mammoth Bronze turkeys, well marked and fairly raised. They are of both sexes and are from our first prize winner at St. Louis and a grandson of the World's Fair first prize winner and from hens scoring from 95 to 97 points. We are pricing them very low to move them at once."

—Mrs. J. W. Bloxham, of Grundy Center, Iowa, writes: "I am nearly sold out of poultry, but have fifteen Silver Laced Wyandotte cockerels, also three White Wyandottes yet that I will sell at bargain prices if taken soon. I can also furnish eggs from Light Brahmas to those wanting them. I have always had splendid results from my advertisement in your paper and have never found it necessary to advertise in any other." See advertisement on page 15.

—Messrs. J. L. Slick & Son, of Lanark, Ill., have been breeding Barred Plymouth Rock chickens for twenty years and many of our readers have secured their foundation stock from this firm. They are pricing their eggs from high-scoring birds at \$1.50 per fifteen and any reader of The Homestead who wishes to secure a setting of eggs that will prove satisfactory in every way, will do well

to write Messrs. Slick & Son as above, kindly mentioning The Homestead.

—Mr. M. T. McEvoy, of Emmetsburg, Iowa, is quoting prices on Rose Comb White Leghorn eggs in his advertisement on page 15.

—Messrs. Henry Schlatter & Sons, of Lawler, Iowa, in their advertisement that appears on page 15 are quoting prices on eggs from their Ringlet strain of Barred Plymouth Rocks and their Missouri King and Giant strains of Mammoth Bronze turkeys. They state that their Barred Rocks have been more thoroughly selected this season than ever and that they have size, heavy bone and fancy markings. Their Mammoth Bronze turkeys are a grand flock and have won many prizes in the show rings this season.

—Mr. and Mrs. S. M. Compton, of Newton, Iowa, breeders of White Plymouth Rocks, White Holland turkeys, White Pekin ducks, White Embden geese and White guineas, writing in regard to their advertisement which they have recently had in The Homestead, say: "We are about sold out of stock. We have had a splendid trade this winter and have used no other paper than The Homestead to advertise our stock. We have our flocks and pens all mated and will try to have something better than ever to offer Homestead readers next winter."

—Mrs. H. L. Jones, of Montezuma, Iowa, is offering Barred Plymouth Rock and Single Comb Brown Leghorn eggs for sale in her advertisement on page 15. She writes: "My Barred Rocks are of the Thompson and Russell strain. They are large boned and well barred in all sections. The Single Comb Brown Leghorns are of the Bright strain. I have been breeding for laying qualities as well as high-scoring points, having won five firsts and three seconds on birds that scored from 92 to 94. I can fill orders promptly and will guarantee satisfaction."

—Mr. O. J. Viland, Slater, Iowa, advertises his famous Eclipse Barred Rocks on page 15. He writes: "The pens I have mated this year from which I will fill egg orders are composed of a lot of grand birds. The male bird is a son of the first hen at Chicago and is the finest pullet breeder I have seen. The females are all well barred to the skin, clear, yellow beaks and legs, bay eyes and typical Rock shape. They make an excellent mating and I have taken special care to insure fertility." If you are looking for something very fine you should patronize Mr. Viland.

—Mr. Johnson Allen, of Earlville, Iowa, is offering eggs for sale from standard-bred White Wyandottes in his advertisement that appears on page 15. In furnishing copy Mr. Allen writes: "I have a fine lot of birds and with the free range that they have the eggs should prove very fertile. I received letters from patrons last year stating every egg they received from me, unbroken, had hatched a live chicken. This appears to me to be unusual, as some had been shipped quite a distance. My birds are good shape, color and size and I think should prove satisfactory to all purchasers of eggs."

**THE GREATEST OFFER YET.**

To be successful every incubator user needs a good brooder. When the chicks come off you should have the brooder at hand and be prepared to take good care of the chicks or you may lose most of them. Realizing that the brooder is as necessary to success as the incubator, the Wisconsin Incubator Company, Box 71, Racine, Wis., have perfected an incubator and brooder that they can sell for \$10 for the two machines, when ordered at the same time. The immense business they are doing this season is an indication that poultry raisers appreciate this remarkable offer, and know a good thing when they see it. As the hatching season is almost upon us, you should lose no time in writing to the Wisconsin Incubator Company for their catalog describing these machines. See advertisement on page 15.

**UNCLE SAM AND INCUBATORS.**

There are a great many Uncle Sams in the poultry business and probably a great many who have incubators. If every Uncle Sam was as careful to inform himself on the merits of the incubator as the Uncle Sam we have in mind, we think there would be less complaint about poor hatches and faulty incubators. One of the government experts on poultry breeding and artificial incubation has made exhaustive tests of this make of incubator and his full report is embodied in the Farmers' Bulletin No. 236. This is for free distribution and a copy may be secured by writing to the Department of Agriculture, Washington, D. C. In this bulletin one of the best poultry experts in the country says the Sure Hatch incubator hatched the surest of the lot. That certainly sounds pretty good to the makers of the "Sure Hatch." The makers of this incubator have issued a large book telling all about their machines besides giving practical information on raising poultry for profit. A copy of the "Sure Hatch" book may be had by addressing the Sure Hatch Incubator Company, of Fremont, Neb., or Indianapolis, Ind. Kindly refer to page 14 for their advertisement and mention this paper when you write.

**A MODEL POULTRY FARM.**

Few people realize the great advance that is being made in poultry culture as a science. Poultry enthusiasts—hen men—are constantly devoting time and money to the improvement of their favorite breeds in a way which brings most amazing and gratifying results. Breeds whose average performance was once too little for great profit are now so marvelously improved by the skill of modern poultry fanciers that they take first rank as money makers. No establishment has won more remarkable success in breeding and developing fine poultry than that of Mr. B. H. Greider, of Rheems, Pa. Mr. Greider gives to the "new poultry culture" a long and successful experience as breeder and fancier. His mammoth plant is constantly being improved and enlarged in order that his host of patrons may get only the strongest and most prolific strains of prize-winning stock. Anyone interested in poultry, either as a pastime or business, should see this model poultry farm. At any rate let Mr. Greider send you his handsome catalog. It gives a world of information about different breeds that no lover of poultry can afford to miss. Drop a line to Mr. B. H. Greider, Rheems, Pa., enclosing ten cents, and this valuable book will be sent you. See advertisement on page 14.


POULTRY.

BARRED PLYMOUTH ROCK

—EGGS FOR HATCHING—

Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Ringlet strain, at \$1.50 per setting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per setting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per setting of 15. Special prices on lots of 45 or 100.

MRS. E. F. ESCHER, Manning, Iowa



219 Egg Strain

Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

W. A. HARTMAN, Winterset, Iowa

BARRED Plymouth Rock Eggs at Lawndale Stock Farm. Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerel that won 1st at State Fair, and cockerels scoring 91 to 92½ points. 15 for \$1.50; 30 for \$2.25; 45 for \$3.00. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

BARRED PLYMOUTH ROCK EGGS.

FOR SALE—\$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 90½ point cockerel. Address, J. M. JANSSEN, P. O. Box 627, R. R. 3, Sibley, Iowa

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

POSE Comb Brown Leghorns, exclusively. Eggs from stock scoring 92-93½ by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 50; \$3.50 per 100; \$6.00 per 200. R. R. Stewart, Charles City, Iowa.

BARRED PLYMOUTH ROCK AND SINGLE COMB BROWN LEGHORN

EGGS for hatching. Every bird in our breeding pen scores from 90 to 95½. Eggs for balance of season \$1.50. H. A. Trimble, Indianola, Iowa.

Mammoth Bronze Turkeys.

SURE by a 96-point, 45-pound tom. Toms, \$5.00, hens, \$3.00.

GUY W. OFFILL, - Prairie City, Iowa

ROSE COMB BROWN LEGHORN, Single Comb, Buff Orpington and White Plymouth Rock cockerels. Scored and unscored birds. Prices reasonable. Address F. L. Morse, Floyd, Iowa.

BUFF Rocks for sale.—150 pullets, hens, cocks and chicks, scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steddum, Lacey, Ia.

CHOICE B. R. ckls. also breeding pens from high scoring stock, leading strains, M. T. ganders. Priced right. Mrs. Jas. Cockerton, Whiting, Iowa.

WHITE Wyandottes exclusively; prize winners, great layers, pure white; young ckls. \$2 to \$5. Eggs \$3 for 15. J. H. McGrath, Indianola, Iowa

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. I. Grundy Center, Iowa

1 FINE W. H. tom \$5. P. C. cocks and ckls. \$2 to \$5. Eggs, farm range 15, \$1; fancy show pen 15, \$3; fancy W. H. turkey 25c each. Mrs. Floy Collins, Viola, Ia.

WHITE P. Rocks exclusively. Eggs \$1.50 per 15; 11 chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisiana Co., Ia.

ROSE and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

WHITE P. Rocks, B. Langshans, S. L. Wyandotte ckls, scored and unscored. Satisfaction guaranteed; prices right. Mrs. Cora Berger, Harlan, Ia.

HERE we are again with Choice M. B. turkey toms, also S. C. B. Leghorn cockerels. Have but limited number left. C. L. Cole, Geneva, Iowa.

BUFF Rock eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Kirk & Son, Shelby, Iowa.

UPLAND Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Iowa.

SILVER LACED WYANDOTTE EGGS

FOR \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

M. B. TURKEYS, both sexes. Black Langshan cockerels scored and unscored, also Pekin drakes. Mrs. A. Kitson, Audubon, Iowa.

SILVER-LACED WYANDOTTES, Pekin ducks. S. choice stock, scored and unscored. Prices right. Mrs. F. R. McLaughlin, Manning, Iowa.

CHOICES S. L. Wyandotte cockerels of good size, also S. C. B. Leghorn cockerels. Mrs. B. De Jaeger, R. F. D. No. 6, Waterloo, Iowa.

MY ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

CHOICE S. L. Wyandotte ckls, W. Wyandottes, Lt. Brahmas, both sexes for sale. Mrs. Edith Eygabrod, R. 1, Grundy Center, Ia.

THIRTY-POUND Mammoth Bronze toms at \$5.00 each. Good Rouen drakes at \$1.50 each. J. H. Howarth, Moulton, Iowa.

WHITE Wyandotte cockerels, unscored, \$1.25 for 1, two or more \$1 straight. Mrs. L. M. Estes, Route 2, Audubon, Iowa.

LIGHT BRAHMAS bred exclusively for ten years. Cockerels and pullets for sale. Oren J. Spatti, Box 7, Pleasantville, Iowa.

400 BARRED Plymouth Rocks and White Wyandottes, cockerels and pullets. W. C. Frazier Atlantic, Cass Co., Iowa.

SPECIAL, high-class snappy lot, Barred Rocks, cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

POULTRY.

HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks, 1st premium won wherever shown. Yards headed by high scoring exhibition cockerels. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and 1. K. Felch's reserved pens, and sell 18 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$11.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. 1 mate them by standard rules. A good hatch guaranteed. I am an expert caponizer. Catalog free.

REUBEN E. SANDERS, PROP. FULL MOON POULTRY FARM - MONTEZUMA, IA.

SIXTEEN FIRSTS AND ELEVEN SECONDS

In Two Shows in 1906 by the IOWANA POULTRY FARM.

Barred Rocks White Rocks S. L. Wyandottes S. C. R. I. Reds Stock For Sale. Farm Raised. EGGS, \$1.00 PER 15. J. W. RADEBAUGH, INDIANOLA, IOWA

Barred Plymouth Rock Eggs.

15 For \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$3.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free. W. R. Warwick, Montezuma, Iowa

S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyckoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. R. E. Brown, Richmond, Iowa.

H. C. CLYMER, BERTRAM, IOWA,

STILL has some very fine Bronze turkey toms and 50 good yearling Barred Plymouth Rock hens that he will sell cheap if taken soon. Barred P. Rock eggs, \$2.00 for 15. Write.

BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Free catalog free. S. V. LATCHMAN, Montezuma, Iowa

15 BREEDS farm raised chickens, ducks, geese and turkeys; incubators, brooders and poultry supplies; send 2 cents for large incubator and poultry catalog. Address H. H. HINIKER, MANKATO, MINN.

EGGS FOR HATCHING

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One bottle cures three to six head.  
\$2.00 per bottle.

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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### LAMENESS.

I have a sorrel gelding horse that has been in poor condition since November. He seems to be sore in front legs or shoulder. I had his teeth filed a month ago and he don't get any fatter nor eat well. Is fed on corn and prairie hay. I work him. Is shod all around. Don't work him hard. He is ten years old. Can you tell me what to do for him?

On general principles give this horse the treatment for worms so often prescribed here and after clipping hair from hoof-heads of fore feet, blister well with cerate of cantharides, and if this does good, repeat the blister in three or four weeks. It is possible that he has worms and has been foundered.

#### BLADDER WEAKNESS.

I have a fine thoroughbred Duroc Jersey gilt seven and one-half months old. There has been a continual drip of urine from her for about two months. I was told that kidney worms was the trouble. Copperas was prescribed and I have given her about three teaspoonfuls. Seems like the dripping is worse today than ever. Will you please give me the cause and the remedy?

It is improbable that kidney worms have anything to do with the trouble, and a great deal more likely that there is a partial paralysis of the neck of the bladder. Chances of recovery are poor, but treatment would consist of giving nux vomica (fluid extract) in increasing doses, commencing with three drops twice daily and increasing a drop or so daily until muscles are seen to twitch involuntarily, at which stage go back to first dose and repeat.

#### WORMS.

I have a horse I bought a year ago which has worms of a pinkish color about the size of a common watch key one and one-half inches long. I have tried tobacco, jimsonweed and two different kinds of formulas of a veterinary. Have used syringes and soap suds, but cannot effect a permanent cure. Would it be advisable to use turpentine? If so, how? Can you give me a formula that will effect a permanent cure?

As horses constantly reinfect themselves with worms when fed hay from low, wet ground or when pastured in such places, a permanent cure cannot be guaranteed. After starving horse for eighteen hours, give him two ounces of turpentine shaken up in a pint of raw linseed oil. In feed night and morning for a week, mix one dram of dried sulphate of iron; then skip ten days and repeat.

#### SCOURS.

I have a steer I judge about eighteen or twenty months old that has been scouring for five or six weeks past. Have been feeding alfalfa hay and clover and timothy mixed and of late some fodder with corn in it mornings. When feeding hay alone I gave fourteen head one-half bushel of shelled corn per day. I have now taken the steer away from the bunch and fastened him in a double stall in the barn. He droops his ears and is getting very poor. He eats one-half gallon shelled corn morning and evening and a very little prairie hay. Does not drink much water. Manure smells badly. What can I do for him?

You did the right thing in isolating the steer, as he may have tuberculosis. This could be quickly ascertained by testing with tuberculin. Stop feeding corn and substitute whole oats and prairie hay. Unless he has tuberculosis we would treat by giving him a pint and a half of raw linseed oil containing half an ounce of laudanum, one ounce of turpentine and twenty drops of pure beechwood creosote, and follow with half the dose next day. After that give twice daily in feed a tablespoonful of a mixture of equal parts powdered wood charcoal, hyposulphite of soda and ground ginger root.

#### SWELLINGS.

Can you tell me the cause of my yearling heifer's death? The first intimation I had of anything wrong was when I found her in the pasture with bunches on her head in different places; also one large swelling in the flank running up on the sides, girdle fashion, which was hard. The heifer ate fairly well and did not have any cough, but discharged a little from the nose. She was in the pasture up to the time I put her up for care and treatment. The day before she died she was taken with scours and died in great pain.

You should have stated how long the heifer was sick before death ensued. If the attack was sudden and she died inside of two or three days we would suspect either anthrax, blackleg or haemorrhagic septicemia. In the first disease the swellings do not crackle when handled and blood flows from natural

## Chief Cause of Hog Losses



This exposure shows stomach and intestines taken from a twenty-five pound shoat, full of intestinal worms.



This shows liver of same shoat, with worm in Bile Bladder, X mark showing location. The duct through which worm has come was split with a knife to show the worm.

GENTLEMEN:—I received the Iowa Worm Powder and tried it, and it is surely a wonderful medicine. Had I gotten some of it three months sooner I would have saved lots of my shoats. They were dying rapidly, but since feeding your Worm Powder I have not lost any. They passed lots of worms. I lost over 150 shoats before I heard of this remedy. Everybody told me they had the cholera and I thought so, too, until I cut a shoat open after reading your advertisement in paper. I will now be able to save 100 head of my shoats. Enclosed find \$5.00 for some more Iowa Worm Powder.

Yours truly,

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**FREE!** To any person who has never fed Iowa Worm Powder we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing. Address Dept. A.

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## THIS ON TRIAL FREE

We'd like to tell you how we send our "Corn Belt" Feed Mills on 20 days trial free, and why it's the mill for you to

buy. This is the one mill you'll like better the longer you use it. 20 days gives you time to see how it works—how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep and power mills. Spartan Mfg. Co., 282 Chambers St., Galveston, Ill.

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### LIGHTEST RUNNING.

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PIG FORCEP  
HOG HOLDER  
Saving pigs and lambs; any one can use it. Hog Holder holds any size (around upper jaw, hand above) with two fingers. N. E. Hog Tamer stops rooting all sizes. Ear marks and numbers all stock. Price Forcep and Holder, \$1.00; Tamer and Marker, \$1.00, or both \$1.75, guaranteed and postpaid. W. L. Short Mfg. Co. Quincy, Ill.

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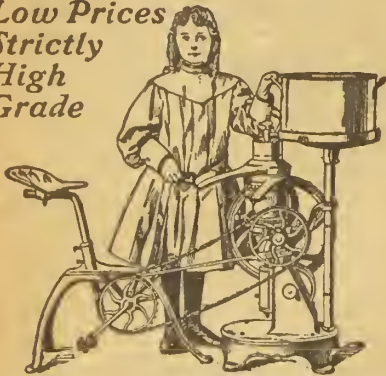
On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

The Homestead and The Homemaker, \$1.25 per year.



# Great Reduction Cream Separators

Low Prices  
Strictly  
High  
Grade



We have now put the prices of Cream Separators down to the lowest point ever reached for high grade machines. We are enabled to do this at this time by reason of the very large demand and great volume of sales, and because of improved machinery, factory short cuts, modern methods and our usual liberal policy of giving our patrons all the benefits possible on everything they buy of us. This is done for your benefit, and we want YOU to consider this as a personal reduction made to induce you to put off no longer the making of all the profit you can from your cows, to settle the matter once for all in your mind that right now and here is the greatest opportunity ever offered you to secure a high grade, guaranteed Cream Separator at a great cash saving in price, for the very least money a cream separator of this high quality was ever put on the market.

Reduced Prices:

Capacity per hour.		
Hawthorne No. 1, 250 lbs. milk	\$39.50	
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We also sell the Little Marvel, capacity 175 lbs. milk, for \$27.00.

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They are spot cash prices, and every one sold at these prices is fully guaranteed to give perfect satisfaction in every way. If after thirty days' use you find any cause for complaint, write us fully all about it. If we fail to satisfy you in every way we will write you where to ship it, and will refund every dollar you paid for the machine, including your freight. Under this positive guarantee you are safe in trusting your order with us. You will find our Cream Separators to be the closest of skimmers, easy to handle, easy to clean. World's Fair winners and money makers for you right from the start.

A Montgomery Ward & Co. Cream Separator adds the profit of one cow to every four cows in your herd.

And at our reduced prices any of our machines will soon pay for itself and give you a regular, steady profit well worth your while to consider. Do either one of two things today. Either send your order right in to us for a Cream Separator, or send to us for our Special Cream Separator Catalogue.

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## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

### WITH THE EDITOR.

"We're invited to spend Sunday with the Eliots," said Tom Little the other evening after dinner.

The Littles occupied a flat away up near the roof in a big apartment house in the city while their friends lived in a pretty place in a suburban town some miles out in the country. The two families were old time acquaintances, the men office companions and the women relatives. One would have expected Mrs. Little to smile upon hearing her husband's words, but a frown darkened her pretty face and she said, "I don't want to go out there one little bit, Tom, and I don't believe you do either. It was simply horrid last time. I remember we talked about it as we came home—you said that if people had to 'fuss,' they might at least have the grace to do it in private."

Tom Little made no reply, but as he was smoking his after-dinner pipe his silence did not discourage his wife and she continued:

"If there's one thing more disagreeable than another it is to be a guest in a house where husband and wife pick and nag at each other. I remember that last day it was first one and then the other, when it wasn't the two together. It began almost as soon as we arrived, at lunch. It wasn't nice to have things get cold, of course, but it was far worse to hear Marion's icy voice remarking that it was one of Harry's little ways to keep the meals waiting, and it was frightful to see the look Harry gave her. It gave me cold shivers. It was all over in a moment, of course, but before the atmosphere was well cleared it clouded again. You remember how little Mary came in screaming and her father said it was ridiculous to insist upon bathing the child's hands if it made her cross like that. Now I wouldn't pretend to say how they should train that child, but I don't think the lunch table is the place for acrimonious discussions as to the best methods of child training. And the worst of all was the feeling they gave me that they were at outs, not about one thing, but about everything. I suppose most couples have their little differences now and then, but Harry and Marion seem to be perpetually fussing and not to care whether others know or not. That, I think, is perfectly dreadful. If people have bad tempers and are unhappy in each other, they might at least spare their friends. I'm surprised at Marion, for she always prided herself upon her good breeding. I'm afraid she must be awfully unhappy to forget herself as she does lately, but while I'm sorry for them, I can't excuse them inviting us out there and then making us uncomfortable."

There was a pause and then removing his pipe, Tom asked, "Well, what are we to do about the invitation?"

"Oh, we must go, I suppose, if not this time then the next, but I wish we could get out of it."

"Say, Pet"—Tom took so long to complete his sentence that Mollie rose and took possession of her favorite seat upon his knee, saying, as she kissed him, "Well, what comes next?"—"Let us go and take lessons while there in what not to do. I contradicted you rather sharply at the Peters' the other night. I remember, and you snapped me up rather short at father's last week."

### HOME AND HOMEMAKING.

#### LITTLE HELPS BY THE WAY.

That which we have we prize not to the worth While we enjoy it; but being lack'd and lost,

Why, then, we rack the value, then we find The virtue that possession would not show us.

—Shakespeare.

There's always love that's caring, And shielding and forbearing, Dear woman's love to hold us close and keep our hearts in thrall; There's home to share together, In calm and stormy weather, And while the heartflame burns it is a good world after all.

A good deal of the world's happiness depends upon how our everyday lives are lived. To quote Lillian Whiting, in her "World Beautiful": "Each one of us owes it to ourselves, to our friends, to society in general, to live up to our best spiritual possibilities,

# Amatite Should cover every FARM BUILDING

If you are looking for a substantial and satisfactory ready roofing you will find that Amatite answers your requirements better than any other.

You will also find that it costs *considerably less* than most of its competitors. Other roofings add to their cost every year or two, because *they require constant painting*. Amatite costs *nothing* to keep up. It has a *real mineral surface* on the outer side, which

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not only now and then, once or twice a year, or once in a season, but every day and hour."

Our todays and yesterdays  
Are the blocks with which we build.

### THE LIMIT.

Pat—What he yer charge for a funeral notice in yer paper?

Editor—Fifty cents an inch.

Pat—Good heavens! An' me poor brother was six feet high.

### MEN DON'T CHANGE.

Dad (severely)—And look here, Ethel, you mustn't encourage that young man to stay so late every night. It's disgraceful. What does your mother say about it?

Ethel—She says men haven't altered a bit, dad.

### VERILY, HOW?

A mistress said to her maid one day, "You must absolutely stop that perfectly awful habit, Sarah, of always trying to have the last word."

"But how am I to know when you have nothing more to say?" answered Sarah.

### KEEPING YOUNG.

The following story of how one woman kept young is told in an exchange: She was as fresh in color as a girl, her hair without a touch of gray, her face without a wrinkle, and she felt, I am sure, as she certainly looked, far younger than I. So I asked her, finally:

"How do you keep so fresh and young, with all your great family?"

She looked at me a moment and then laughed her merry little laugh. "You see," she said, "I haf my von little naps."

"Your what?" I asked, puzzled to understand her.

"My von little naps," she repeated.

"But, tell me, I do not understand," I said.

"Vy so," she said in her pretty broken English, "about twelf o'clock, or maybe von or maybe two, as you like it better, I takes de baby, whichever iss de baby, and I goes to de room and takes my naps."

"But if the baby won't sleep at that time?" I objected.

She shrugged her shoulders, "Oh, he sleep all right."

"But there are so many things to do while the baby sleeps," I went on.

"I vil haf my naps," was her smiling answer.

"But," I urged, "suppose something happens to the other children while you and the baby are asleep?"

Then she did stare at me.

"There could nothing happen to dose children vorse dan I not get my von little naps," she said, indignantly.

I gave it up. This closed the argument.

And the writer hands on the advice to all other tired mothers to try the little naps, even if it upsets to a degree methodical housekeeping. Method is good, but, if it comes to be a whip which makes rest impossible, it should be dropped.

### HELPFUL SUGGESTIONS.

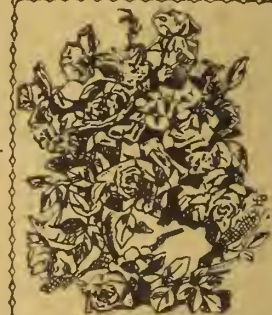
When you are frying eggs, put a sprinkling of flour in the pan. The egg will not sputter and will brown better.

If you will set the dishpan with its ears at front and back, instead of at the sides, as you stand facing it, there will be fewer nicked teacups.

If the kettle of stew, beans, preserves, or whatever you may be cooking, becomes scorched, set it off immediately into a pan of cold water and the flavor will not be spoiled, as would surely be the case were you to empty it at once, in the usual way.

When your scissors are dull and you haven't any way of getting them sharpened, try this: Hold in the left hand a common

## FLOWERS GIVEN AWAY



This handsome picture of a most magnificent bouquet of red and yellow roses, with 14-in. gold border, given absolutely free with every three months' trial subscription to **The Mother's Magazine** at 10 cents. The Mother's Magazine is the handsomest large illustrated home and family magazine published artistically illustrated, colored covers and 40 pages of reading every month. The picture is 16 x 20 inches in size and is reproduced in many beautiful colors. It will add much to any dining room or parlor. Ready for the wall when received. Send 10 cents to-day (stamps or silver) for the magazine three months and ask for picture number 655. Both will be sent you at once. Money back if you are not delighted.

Address, **THE MOTHER'S MAGAZINE, Elgin, Ill.**

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## BAYER TANNING CO.

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## BAYER TANNING COMPANY.

Dept. "12"  
**Des Moines, Iowa.**

sewing needle and cut on it with the scissors, allowing it to slip along the blades a dozen or more times. You will be pleased and surprised at the result of this very simple operation.

### CANDIED ORANGE PEEL FOR PUDDINGS AND CAKES.

Cut the peel in strips, soak in salt water twenty-four hours. Put on to boil in cold water, change the water once and boil until tender. To the peel of six oranges, add one pound of sugar, and a very little water. Boil until the peel has absorbed it all. Spread on platters, sprinkle with dry sugar, and stir several times as it dries.

### OYSTER PATTIES.

Scald as many oysters as you require (allowing two large ones for each patty) in their own liquor. Cut each in four pieces and strain the liquor. Put two tablespoonfuls of butter and two of flour into a thick saucepan; stir them together over the fire till the flour smells cooked, and then pour half a pint of oyster liquor and half a pint of milk into the flour and butter. Stir till it is a thick, smooth sauce. Put the oysters into it and let them boil once. Beat the yolks of two eggs. Remove the oysters for one minute from the fire, then stir the eggs into them till the sauce looks like thick cus-



tard. See that this mixture is hot before filling the shells. Bake shells of rich puff paste in patty tins and also small rounds for covers; heat the shells and fill with oysters, put on the covers and set in the oven for five minutes. They should be served immediately.

#### AMONG OURSELVES.

Sometimes I hesitate as to which topic should have first place on the program. This week I have decided to give it to the discussion of Sunday baseball, and as the subject is one which is of special interest to men we shall hear men first. Mr. H. L. Kelley will be followed by Double Star:

I am very much interested in those boys who wish to go to ball games on Sunday instead of to church. They are doubtless good-hearted youngsters, but as father and mother "have to consider Sunday as their day of rest" why the boys have to consider it as their day of recreation, don't they? Boys must have recreation and if they can get more real joy and refreshment out of a Sunday ball game than any other way, why is it any worse than to rest by staying at home and having "comers and goers?" Not that I am for Sunday ball games, but I believe in fair play and—in boys. I have several of my own and an interest in all the neighbors' boys. But say, now, father and mother, are you quite sure you wouldn't

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get as much rest by going to church as you do by staying at home? I am not one of those who are good because they love to be and just can't help it. Hardly a Sunday goes by that I don't long to stay at home and take it easy, but I never come home from church without feeling how good it was to be there and how glad I am that I went. Someway we get so absorbed in the work and the cares of the week-day life that we need to get away from it and get our minds on something else to regain our equilibrium and it is in church that we learn that "man does not live by bread alone, but by every word that proceedeth out of the mouth of God." Then we can look on our cares, our disappointments and failures in things material and say, "It doesn't matter so much after all; God's in His heaven, all's right with the world." Now for the boys. Tell them kindly that you do not approve of Sunday games and give them the reason. Boys like to know why. If necessary give them a little more time for play week days. Tell them you believe it your duty to attend church and ask them to help you plan the work so that you can go. Don't let them drift away. Cultivate their friendship by showing an interest in their boyish schemes. Keep hold of them; they are worth working for.

In your "Among Ourselves" I notice Mrs. Custer County and Mrs. Massey object to boys collecting for a game of base ball on the Sabbath, as Mrs. Custer County says it is usually a collection of toughs. I differ from her on this point especially. I have been manager of a ball team, composed of farmer boys, and at a game the crowd consisted of farmers. Boys labor through the week and what harm is there done if they enjoy themselves in a friendly game of ball on Sunday, when they haven't the time to play on week days? It gives a boy something to think about during the rest of the week besides work. I say a boy who enjoys himself at a game of base ball on Sunday may not be the good story book boy, but he can at least be a good, honest and Christian young man, so let the boys play the national game, by all means, and they will take more interest in their work, besides feeling contented in every way. Sooner let them go and play ball than stay at home and read ten-cent novels.

And now Mrs. Kiowa County will give Mrs. Custer County her views upon the matter:

Mrs. Custer County does not want her boys to go to base ball games on Sunday. Neither would I. She wants them to go to church. Most assuredly they ought to go to Sunday school and church. She says, "Do not ask me to take them, for I cannot, after doing for a big family and lots of company." Now, of course she cannot if she must do all the work alone. But, my sister, let me tell you I was raised in a family of seven children and my father and mother always took us to Sunday school and preaching on Sunday morning, sometimes driving quite a long distance to get there. On Sunday morning my parents would say, "We will all do our work and get to Sunday school on time." Each one had a part, and "many hands made light work." And mother and father had no more to do than the rest. My husband was reared in a family of eight children and his parents took the children to church; all the children helped get the work done so they could go. In our own family of three children—two daughters and a boy who makes his home with us—each one helps on Sunday, as well as other mornings, even our five-year-old girlie, and we never think of being absent if all are well. I will speak plainly, for you ask plain advice. I do not see how you can expect your sons or your daughters to attend church regularly, while you and father say you must have Sunday for a day of rest. Were I to predict for your family I should say none of your boys will be church goers in after life. You are not setting them such an example. Let the children all realize that father and mother are not made of iron; that by all helping bear the burden no one need stay at home to let the rest go. I have been a Sunday school teacher for nearly fifteen years and the great trouble in all schools seems to be that the parents will not bring the children and after while they find to their sorrow that the children will not go at all. No, sister, never give up to letting the boys go to Sunday ball games. But show them the better way of the whole family going to church and, mark my word, you will be a happy family.

We rarely have three finer talks consecutively than these. I commend the arguments adduced to the very careful consideration of the circle. Each speaker makes points worth noting; I would draw attention to three. Young people need healthful sport, everyone needs to get away from the material and into touch with the spiritual things of life. With children the great teacher is practice; it is not what the parents advise, but what the parents do which the children heed.

"One of the Boys" has something to say about Sunday baseball, and we should like to give him the privilege of the floor, but he must first lift his mask. No one but myself need know his identity, but it is a rule that no one address this circle who is unwilling to trust the chairman of the circle with name and address.

The friends sometimes come to me asking for help in the matter of finding a household helper upon whom they could depend for companionship as well as assistance; one who would stay with them and gradually become a member of the family. I wonder if "A Homeseeker" and such might not confer with mutual benefit:

In looking over some back numbers of our paper I came across Mrs. Dean's letter. I would like so much to shake hands with her and speak the kind words she misses so

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It's really not a first-class, full strength product. About half of its strength is wasted—sacrificed to convenience and speed in manufacture. Our stay wire is NEVER cut. It runs continuously up and down across the fence for many rods without an end, thus preserving and utilizing ALL the strength and service there is in the wire.

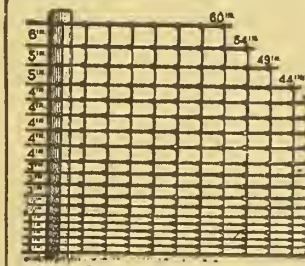
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often in her work. I am quite similarly situated and know how to sympathize with all such, but, dear, sister, if the kind word is not spoken do not be cast down or think your employer heartless. Oftentimes it is only thoughtlessness. They may not realize how kindness is appreciated by those less fortunate than themselves. Being somewhat past middle age and alone and recently thrust upon the world by the loss of property, I have been trying to make the best of it. For the first time in my life I have no one to lean on and have done pretty well in leaning on myself. I suspect God saw that I was too much of a vine and it was better He would teach me to be an oak. If so, I am trying to learn the lesson well, looking on the bright side of life as I journey through it. Truly one feels lonely at times in this big world without something to anchor to. When I have felt thus I turn my mental eyes within and find company and comfort there which is an anchor sure and steadfast. "The kingdom of God is within you," blessed assurance, wonderful comfort. While introspective, I do not feel like a pilgrim and a stranger, for I have the sweet companionship of the King of Kings. I have found some roses, as well as thorns, in the way as I began my self-supporting efforts. One of my thorns is my employer's carelessness in keeping the contract with me, also in falsifying. I am sorry to say that some do not consider breaking a contract and lying to their hired help is anything to their discredit. I love to work and find much comfort in it, but I am now longing for that material haven called home, and hope some kind soul who needs companionship and a helper is in a position to offer such. I am weary of changing about and would deeply appreciate a permanent and pleasant home. I am afflicted with partial deafness, but that can be overcome by the use of an apparatus that I am intending to get as soon as possible. It is not a trumpet. I would prefer to locate in Kansas or Missouri, but if the niche God intends me to fill the remainder of my time is located elsewhere I shall endeavor to be content, knowing "He doeth all things well." I have learned several useful lessons since I have been touching elbows with the world. In all the vicissitudes of life there are experiences that will benefit us if we look on the right side of them. Sister Dean, and others, let us be diligent in our work, persistent in effort, having faith in God and ourselves, and the road to the goal will be brighter.

It seems too bad that when so many are seeking just what "A Homeseeker" has to offer that she should not bless and find blessing at the same time. I will gladly lend my services to this end. The helper in my own home is rather deaf, but I do not find her affliction at

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all the inconvenience I expected, so hope Homeseeker's deafness will not be considered an insuperable objection.

Let me say thank you to the friends who are rallying to my call for book talks, and let me present Mrs. Lawrence, to whom books and a taste for reading have been a daily joy this winter, when, because of an accident, she has been shut in:

What a delightful privilege to own a library ticket! What a feast of good reading for winter evenings is included therein. In our home we have just finished reading a good old book, "The Opening of a Chestnut Bur," by E. P. Roe. This story was not new to the mater, but was chosen because of its charm in being alike interesting to the boy of twelve and the young daughters in the household, as well as the older members. In the simple story natural human life is beautifully portrayed. A young man, morbid and broken both in spirit and in health, finds himself after years of struggle in a large city in the quiet home of his childhood. Par-

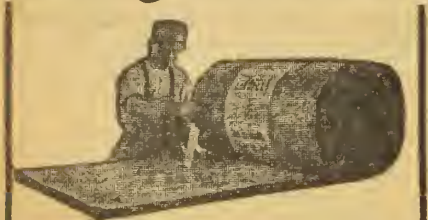


ents are long since gone, but a very dear friend of the young man's father owns the place and gives our hero a warm welcome. The beautiful horse life of this family stirs even his sluggish conscience, and though their religion and faith is never thrust upon him, yet there is an influence, an undercurrent that he cannot resist. The daughter in this home is a very lovely character and we, like our hero, must fall in love with her. Altogether it is a book worth your while. Of the newer fiction we would suggest "Richard Carvel" and "The Crisis," both by Winston Churchill. They deal in turn with the Revolution and Civil War of our country. One understands the conditions of our country better at that time after reading these historical novels.

Mrs. Lawrence's chat about "The Opening of a Chestnut Bar" recalls an incident of my early girlhood. I used to read this story aloud to a woman who had much work and few pleasures. She had no taste for literature, but she loved a good story and used to look forward all week to the coming Saturday morning when she knew that my coming could be counted upon rain or shine.

General discussion of the advisability, or otherwise, of marriage where the contracting parties are far apart in age is closed, but we shall hear Hayseed

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will cost you a little more than building paper but it will keep your house warm and comfortable and save about a third on your fuel bills. It's a great deal cheaper to build a warm house once than heat a cold one all the time.

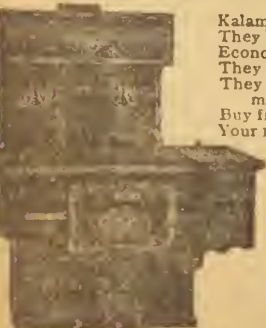
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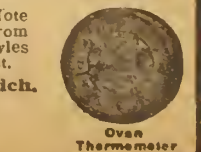
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OAK STOVE HEATER,  
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on a point connected with it which was suggested a few weeks back:

A young girl might marry an old man because he has some money (which turns the most of our heads to a certain extent) with the thought that when she became his wife she would invest it to suit herself. Then if "hubby" don't turn it over quick she would dub him a chronic crank and ask for a remedy. If the wife loves the husband as she should, I don't think she would be asking the public for a remedy for his crankiness. She would approach him with love and kindly talk the matter over with him. If a man isn't something out of the ordinary he will likely listen to you, but be reasonable in your demands. We all have our faults and they must be overlooked, especially between husband and wife. We can see others' faults so much easier than our own. Now, I am not upholding the "old man" nor anybody else, but I think where both parties try to do what is right and do not expect too much of the other, that married life can be a success.

A few remarks by The Old One along this line are marked by good common sense:

So much has been said about unsuitable marriages I would like to say a word. I think the discontent arises not from disparity of ages, but from want of love. I know of as many that disagree who are about one age as those whose ages differ. One scarcely ever meets two who are of one mind, but if we truly love the one man if we can't bring him to our way of thinking we must let him have his way because we love him so. I do sympathize with June Bug and Aunt Violet, also their husbands. Where one has married for money or position one finds out alas, too late, one has sold one's birthright for a mess of pottage.

In this discussion much has been said about marrying for love. Now for the general good I propose that we have some little talks about love. What is love? What are its elements? How is it to be recognized? How distinguished from mere transitory liking?

Mrs. A. H. is waiting to make a request:

May I come to ask how long to boil and how to finish up a cow's horns for an ornament on the wall, in which to screw hooks to hang scissors and other small articles upon. I remember seeing something in this paper some years ago about this, and I ask of those who know how to do it to please let me know through our Home Department at once. Thanks to our editor and sisters for our Home Department.

Dressmaking and Millinery, No. 561.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.]

In preparation for Easter, and of course, too, for the time to follow, our thoughts are for the new hat or bonnet, and although we do not usually fashion these for ourselves or for the older members of the family, such "manufacture" is undertaken for the babies and for the very small girls. In few other articles of dress is there so great a difference between the price of the material and that of the ready-made that it is worth while considering, and if one has the time, and in these that is a trifle, she will do well to prepare these at home.

The pattern numbered 5574 and shown herewith provides for two styles of the child's bonnet, the one-piece and the two-piece caps. The one shown in the larger illustration and the one in the lower right hand corner are the same, the latter being without the revers. This consists of the head portion and the crown. These are joined and there is a short seam at the back. If the revers are used they are joined to the cap at its front edge. Any mode of decoration may be used, but there is nothing nobbler or more stylish than embroidery done on the material. Ruchings of ribbon or of lace or even of the material may be used, but the laundering is always to be taken into consideration when a "wash" bonnet is to be made. The one-piece cap is shirred to form the crown, and



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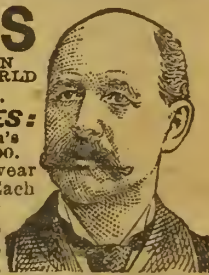
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these shirrings may be drawn up by means of ribbons inserted in casings, or there may be simply gathers. There is a seam at the center back of the head portion, but instead

these shirrings may be drawn up by means of ribbons inserted in casings, or there may be simply gathers. There is a seam at the center back of the head portion, but instead



[5574 Child's One and Two Piece Caps with Revers, 6 Months, 1 and 2 Years.]

of sewing this it may be arranged for tying or lacing, then when the cap is to be laundered it may be laid out flat and the work



[5602 Tucked Over Waist, 32 to 40 Bust.]

is a small item. This design is especially adapted to the use of embroidered edging or the narrow flouncing, and for summer one of the very sheer swisses or batistes is charming. When this is used the revers are omitted. White silk of the wash kind is in-

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**SHOES FOR WEAR**

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"The Western People"  
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117 Grand Ave., Des Moines, Iowa.

expensive and is easily laundered. If warmth is to be considered in making such caps a lining of soft silk is advisable, and it should be put in so that it is readily removed when the cap is to be washed, or when it is so warm that it is no longer needed. While this pattern is put up in



sizes only up to two years it may be used for three and four years by enlarging slightly, but this must be managed by the user, as I cannot undertake to alter the patterns. Note, then, that No. 5574 is cut in sizes for children of six months, one and two years of age. Give age when ordering.

No. 5602 shows a fancy over-waist, or it may be simply termed a waist cut with low round neck and to be worn with a separate yoke or gulfame. As has been mentioned, these waists are very popular, and there is great variety in their designs. The front and back portions of the waist are tucked to deep yoke depth, these being then joined to the shaped band. The elbow sleeves are

similarly tucked and joined to a band. There are cuff extensions, but these are separate, although they may be joined if preferred. The chemisette is separate, and whatever is used for the yoke is faced on this. Then if desired the lining material may be cut from beneath, making the yoke transparent. The waist closes invisibly at the back, as do many of the season's waists. Pattern No. 5602 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

The International Sunday-School Lesson.  
First Quarter. Lesson XII. Isaiah xxviii, 7-13. March 24, 1907.

### Woes of Drunkenness.

Ephraim occupied a fertile territory, stretching across the heart of Palestine from the Mediterranean to the Jordan. In the midst stood Samaria, the capital, on a commanding eminence. The tropical luxuriance of the valleys hung about it like the bacchanalian garland on the brow of the banqueter. And its exuberance was as evanescent; for its glorious beauty was a fading flower. Destruction was at hand.

The capital, court, and people were enslaved to drink. Under its subtle delusion they were in perfect ease. With the proverbial stupidity of the drunkard, they felt perfectly safe, trusting in the mountain fastness of Samaria. With sense of justice blunted by the use of intoxicants, and their basest passions inflamed, they oppressed the poor and crushed the needy. With the insatiable thirst which the use of alcoholic liquors always begets, they kept crying, "Bring, and let us drink"—the Samaritan equivalent to our modern bacchanal, "Here's a health to you." (Amos vi, 1.)

But the judgments of God are abroad. The irresistible Assyrian, Shalmaneser, mighty and strong, is God's instrument of wrath. He looks upon Samaria like a peculiarly tempting morsel; like a fig ripe

in June, so rare and succulent that one swallows it as soon as it is in the hand; does not even think of laying it aside to preserve it or eat it at his leisure. His coming will be like a tempest of hail, a destroying storm, a flood of waters; figures peculiarly impressive in that latitude, where in an hour the driest water-course becomes an awful current. This prophecy had its literal fulfillment 721 B. C., in the ninth year of Hoshea, king of Israel. The country was ravaged by the Assyrians under Shalmaneser, and Israel deported into the cities of Assyria and Media. (2 Kings xviii, 9-12.)

The prophet now turns from Israel to Judah. He contrasts the imperishable crown and diadem, glorious and beautiful, rewards of piety, on the brow of Judah; the righteous and faithful residue, with the fading garland of voluptuous pleasure on the brow of drunken Ephraim. God shall help Judah's judges on the bench and her warriors at the gate. This has been aptly called a Messianic pendant to the foregoing picture of Samaria's fall.

But Judah, too, is not free from this degrading sin. Even her priests and prophets are infected with it. And the people will not endure the prophet's rebukes. Listen to their drunken scoffing: "Does Isaiah presume to instruct us? Does he take us to be just weaned, that he adopts such a childish way? Here and there, with no set order, and conning his words over, as if we were still in our primers,

"Tzav lat-zav, tzav lat-zav,  
—Quv laquv, quv laquv."  
Ewald says: "We must conceive the abrupt, intentionally short, reiterated, and almost childish words of verse ten, as spoken in mimicry, with a mocking motion of the head, and in a childish stammering tone."

The prophet rejoins: "Ah! if you will not let me teach you, then the Assyrians and Babylonians shall, and their foreign accent will seem more like stammering and twaddle than my instructions." If they had only hearkened to the prophet's voice, they might have found rest from warlike preparations, and that more blessed rest which comes from



# HONORBILT

## SHOES FOR MEN

The highest degree of style, fit and workmanship are embodied in these splendid shoes. There are none that equal them in appearance and wearing quality at the price. They are

### BUILT ON HONOR

That's what the name means. That's what a trial will prove. By all means wear "Honorbilt" shoes. Demand them of your dealer—INSIST. Sold everywhere. If you cannot get them write to us.

We also make the "Western Lady," and the "Martha Washington" comfort shoes and a full line of men's, women's and children's shoes. Our trademark is stamped on every sole.

**F. Mayer Boot & Shoe Co.,**  
Milwaukee, Wis.



obedience to the Divine precepts. But the Lord's work was offensive to them from its very simplicity. They rejected it; so, like a drunken man, the nation tottered and stumbled to its ruin.

### Analysis and Key.

1. Tropical luxuriance of Ephraim. Exuberance evanescent—fading flower.
2. Capital, court, populace enslaved to drink. Stupidity of the drunkard exemplified. Sense of security—poor oppressed.
3. Judgments against Israel. Shalmaneser an instrument. Samaria ripe to be devoured. A tempest of hail—prophecy fulfilled 721 B. C.
4. A Messianic Pendant. Under picture of Samaria's fall. Faithful residue of Judah.
5. Judah not faultless. Prophet's accusation. Degrading sin of drunkenness.
6. The charge resented. Drunken scoffing.
7. Prophets rejoinder. Foreign accent of invaders. More like stammering than prophet's repeated charges.

### The Teacher's Lantern.

The Prophet Isaiah appears in a new role. He is par excellence the temperance reformer of his age. He is the model for every age. He is not intemperate in his attack upon intemperance. Yet for moral earnestness he is not surpassed.

Drunkenness is usually insolent. It was ribald and abusive toward the prophet. But this did not deter him. He warded off the sneer with a terrible denunciation.

Canaan was the bridge between Syria and Egypt. The world-powers of that age coveted it. Possession of it was a strategic necessity. It could be used either as a thoroughfare or a buffer. But the Israelites might have held the country against all comers. Its mountainous character was a natural defense. Horses and chariots (the artillery of the ancients) could not be used there.

But drunkenness was the real foe both to the northern and southern kingdoms. It led to their overthrow. They were "overcome of wine" literally, wine-smitten. They were hit as with a hammer, stricken to earth. Israel never rose again, and Judah a mere shadow of former grandeur.

The luxurious refinement of the kingdom of Israel and its crimson-clothed nobles as described by Amos, makes one think of the palaces and villas of Pompeii as they have been brought to light by extensive excavations—"summer and winter houses, ivory palaces, gardens, vineyards, fig-orchards, olive-yards, melody of viols, beds of ivory, fragrant ointments and wine by the bowlful" is the prophet's inventory. This cultivation of aesthetic effects for eye and ear and palate is not in itself reprehensible. But a halt must be called when the beneficent Giver is forgotten in the greedy enjoyment of the gift. And the proportion of life must be maintained. To lose that proportion, even in perfectly

## Fertile Farming LANDS

CHEAP—EASY TERMS

In the best Section of the South

Unexcelled for General Farming, Stock Raising, Berries, Fruits and Vegetables. Cantaloupes, Strawberries, Peaches, Apples, Grapes, Etc., give handsome returns. Cattle need but little winter feed.

### HEALTHY CLIMATE

GOOD WATER

LONG GROWING SEASON

Address G. A. PARK, Gen. Im. & Ind'l Agt.

**LOUISVILLE & NASHVILLE RAILROAD CO.**

LOUISVILLE, KY.

innocent things, is to be intemperate. Intemperance of any kind tends to lower the moral tone. Intemperance persisted in ends in total loss of moral tone. The Man becomes a Thing. This is in a sense the unforgivable sin. For the human is the temple of the Divine, and when the temple is ruined the Divine must make His exit.

In our day, as in Isaiah's, some priests and prophets err in vision through drink or other forms of intemperance. But discrimination must be made between the genuine and the professional priests and prophets. There is a spurious officialism which counts for nothing in the cure of souls.

There are ninety texts in the Old Testament which refer to the sin of drunkenness, and many more in the New Testament. The Bible is a red lantern swung across the path of youth.

### BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

### CHEAP RATES TO THE PACIFIC COAST.

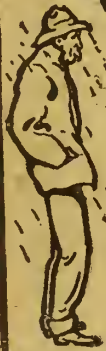
Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

### CHEAP ONE-WAY RATES.

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.

## WET?

You may be able to get along without a



### WATERPROOF SUIT OR SLICKER

But can you afford to?

THESE GARMENTS ARE GUARANTEED WATERPROOF LIGHT—COMFORTABLE—DURABLE LOW IN PRICE

SOLD BY ALL RELIABLE DEALERS  
A. J. TOWER CO. BOSTON, U.S.A.  
TOWER CANADIAN CO. LIMITED, TORONTO CAN.

## I Stand Back of Huttig's Rubber Roofing

WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

I GIVE you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the Island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap. Now, here's how I feel about it. If you have use for roofing—

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you my booklet B and special Ironclad Roofing Guarantee. Write me personally, and do it to-day.

**HUTTIG MANUFACTURING CO.,**

707 East Second Street, Muscatine, Iowa

**H. W. Huttig**

PRESIDENT.



## ADVERTISING NOTES.

A beautiful book on western Canada is offered free to those who are interested in lands of the North. When writing, address your inquiry to Mr. Asberry Singleton, Gladstone, Manitoba, Canada.

Buy one of those Wright Stock Feeders before April 1st, as the price must go up on and after that date. The advertisement appears on page 24. It should interest every man who raises pigs, chickens or sheep.

Every reader of The Homestead should provide themselves with the "New Ideal" Seed Corn Tester, manufactured by the Ulrich Seed Corn Tester Company, of Atlantic, Iowa. No up-to-date corn grower can afford to be without one. A free illustrated circular will be sent to all Homestead readers if they only write for it.

On page 11 of this issue appears the advertisement of Mr. Fred I. Slocum, of Dexter, Iowa, who is offering 300 Senator Dunlap strawberry plants for \$1. These plants are of the very best variety for this territory and are guaranteed to be perfectly satisfactory. Mr. Slocum sold many plants through The Homestead last year and they gave perfect satisfaction in every case.

The Jewell Nursery Company, of Lake City, Minn., is one of the largest nurseries in the Northwest. They are in the field for a number of good agents. They guarantee good pay for this work and their capital of \$500,000 is certainly strong enough to back up any offers which they make. This firm was established in 1868. Any person looking for a good position in this kind of work should get in connection with this company. See page 11 for their notice.

The Gateway Nursery Company, of Le Mars, Iowa, are making a great run on their pure-bred seed corn, sold under the Holden test. They have a number of special offers, among which is Reid's Improved Yellow Dent, Yellow Special, White Pearl, Iowa Silver Mine and Minnesota No. 13. They also sell all kind of nursery stock, such as fruit trees, ornamental trees, shrubs and evergreens. Write for their free illustrated catalog which will be sent on application, provided you mention The Homestead.

If you are the owner of a valuable mare that you have been unable to get in foal, but want to be sure of doing so this season, and not lose another year of her life as a breeder, or if you own a stallion whose services are in demand, and you do not want to have him covering the same mares two or three times during the season, and probably without beneficial results finally in many cases, you should purchase a Safety Impregnating outfit with which impregnation is practically certain at every service. For sale by I. O. Crittenden, 35 Fox Bldg., Elyria, Ohio.

Actual selling of real estate has been reduced to an exact science. The up-to-date organizations selling real estate today conduct their business along lines that most strongly appeal to the buying public. To do this there must be unquestioned integrity behind the selling plan and ability to work up and make quick sales. This is the method of the Real Estate Salesman Co., 412 Brace Block, Lincoln, Neb., who will gladly answer inquiries and give information as to their unexcelled methods. See advertisement on page 27.

Pure seed corn is often very hard to obtain, and when one does obtain it, he needs assurance that it is the best. Where a firm devotes seven farms to the culture of seed corn—far enough apart to avoid crossing—it stands to reason that their product must be as perfect as nature can make it. The old established firm of Messrs. W. W. Vansant & Sons, of Farragut, Iowa, need no lengthy introduction to our readers. Iowa seed corn cannot be equaled by any other. A request from our readers will bring Messrs.



## What are you going to do with the boys?

Keep them on your farm to share an income that is already too small, or are they going to hire out to a neighbor to work all their lives for some one else? Perhaps they are thinking of going to the city to join in the mad rush for existence. Why don't you

### Send them to the Southwest

where in a few years each of them can become independently rich?

It will take only a few dollars to start them—good land is so cheap in the Southwest. If they are hustling fellows, they will soon be doing so well you'll want to sell out and join them.

It's much easier to make a good living in the Southwest than in the older states. You can get from 10 to 20 acres in the Southwest for the price of one where you live and the land is just as good. You can raise as big or bigger crops there and can get better prices for all you raise. Markets are good and schools and churches are abundant. The climate is healthful—the summers no warmer than elsewhere and the winters are so mild no heavy shelter is needed for stock—they have good range the entire year. Contrast this with your climate and see who has the best of it.

We publish for FREE distribution illustrated books about Missouri, Kansas, Arkansas, Indian Territory, Oklahoma, Texas and New Mexico. Tell me what particular state or territory you are interested in and I will send you the book pertaining to it—together with any specific information you may ask for. Write to-day while you think of it.



A trip to the Southwest will make you enthusiastic about the country. The trip can be made at very small cost. On the first and third Tuesday of each month, very low rate round trip tickets will be on sale via the Rock Island-Frisco Lines. Write me about it. I can probably suggest a trip that will enable you to see the best of the country at the least cost.

**JOHN SEBASTIAN, Pass. Traffic Mgr., Rock Island-Frisco Lines**

1413 La Salle Street Station, Chicago

or

1413 Frisco Building, St. Louis.



Vansant's catalog and information of interest. See advertisement on page 10.

#### BUGS, BLIGHT AND POTATOES.

A poor combination you will say. We agree. A losing business. Yes, sure. They don't grow very well in the same patch. One or the other of the three must be supreme. They are all sticklers for staying on the ground. As a rule they all die together unless man and a good sprayer comes on the scene. Then the bugs go and the blight gets a back set. The pota-

toes recuperate and stand a chance of making profitable returns. Prepare for this unfortunate circumstance which is liable to confront you this summer. Get an Iron Age Sprayer. Different sizes to suit your price and need. Write for catalog; it describes diggers, cultivators and planters. Address Bateman Manufacturing Company, Box 148, Grenloch, N. J. Please mention this paper.

#### FENCE IN THE YARD.

So many people are opposed to a fence

about lawns, schoolhouses and churches because the average fence is a homely affair. If they should happen to see a good line of Cyclone fence they would probably change their ideas. This fence combines beauty with service and long life. It will retain its position as long as the posts hold it up. If you want to know more about this fence see page 24 or write to the Cyclone Fence Company, Waukegan, Ill.

#### AGENTS WANTED.

The Banner Plow Company, of Coffeyville, Kan., are manufacturers of the Banner riding attachment which is so eagerly sought for over the entire United States and foreign countries. Their advertisement on page 13 of this issue is well worth your notice if you are interested. They want agents to handle their attachment. Better write them for particulars. Please mention this paper when writing.

#### GEO. C. HUNTER OFFERS A BARGAIN.

Mr. Geo. C. Hunter, 317 I. L. & T. Bldg., Des Moines, Iowa, has probably offered the readers of The Homestead some of the greatest bargains ever offered in our columns. In this issue on page 26 he is offering a 560-acre, well-improved farm for but \$67.50. Considering the location, etc., this is one of his leaders. The farm is gently rolling, all suitable for cultivation, all fenced and cross fenced, has plenty of water, with windmill and gas engine for power, is near good railway town and school. Write him for particulars if you are interested in a bargain in a farm of this size. Write today and mention The Homestead.

#### CYCLONE DISH WASHER.

The Cyclone Dish Washer is a very simple device for washing either dishes or vegetables. It does away with the dish rag and drudgery and saves many minutes three times each day. With one of the machines you can wash a large amount of dishes in one minute, and not touch your hands to the water or get any of it on the floor. It will not break the most delicate china, as they are fully protected by a wire rack which incloses the water heater. This water heater revolves very rapidly, throwing the water with great speed against the dishes which are around the edge of the basin, thus removing all the dirt. What lady would not be glad to be saved this distasteful duty of washing dishes? Many testimonials are being received each day. Among them is one from Mr. H. H. Schnoor, Jr., of Scribner, Neb., who says: "Your dish washer washes the dishes to perfection and cannot be beaten. It is a good one." Another, Mr. R. R. Morris, of Clarinda, Iowa, says: "We find that your dish washing machine does all you say it will do, and does it perfectly." The prices for the different sizes are easily within reach of everyone. Messrs. Z. S. &

## BEFORE YOU BUY A MANURE SPREADER

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.

"A boy can run it"



See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

#### Appleton Manure Spreader

has all these improved features and many others equally important. Write to-day for free catalogue and special prices and terms.

APPLETON MANUFACTURING CO.  
39 Fargo Street, Batavia, Ill., U. S. A.

## A SPEEDY WIRE STRETCHER

The Automatic Steel Lever Stretcher draws 40 rods of wire tight in one pull, and always past end post. A daisy splicer and staple puller. Priced at \$1.25. Illustration booklet free. Agents wanted. OTTO SCHWIEN, Box 104, Davenport, Iowa.



DR. HARTMAN  
OWNED BY  
J. F. COOKE & CO.  
LEXINGTON, KY.

Messrs. J. F. Cooke & Co., of Lexington, Ky., have at their branch barn at Newton, Kan., twenty-seven registered jacks for sale. They are the largest breeders and importers of jacks and jennets in the United States. Write for catalog to Messrs. J. F. Cooke & Co., Lexington, Ky., or Newton, Kan. When writing please mention this paper. See advertisement on page 35.



C. L. Randleman, of 117 Grand Ave., Des Moines, Iowa, will be glad to send you one of these machines on approval for you to test in your own home if you mention this paper. Write today. Their advertisement appears on page 20 of this issue.

**THESE PEOPLE BUY HAY AND GRAIN.**

More and more producers of farm produce are coming to sell their grain, hay, etc., direct to commission firms, thus avoiding at least one or two middle men. In this issue will be found the advertisement of the J. J. Considine Company, 99 North Jefferson St., Chicago, Ill. This firm buy hay and grain direct from farmers and offer to pay the highest market price. If you have any hay or grain to market soon and want to get a good price for the same just write to this firm for quotations. Kindly mention this paper when you write and refer to their card on page 6.

**TRY THIS CORN GRADER AND SORTER.**

When it doesn't cost you a cent to try a corn grader and sorter, you should certainly accept the opportunity. We realize as well as the manufacturer that farmers have not yet come to know the importance of grading their seed corn. The more even and uniform the stand of corn, naturally the better the crop. A little study will soon show the average corn grower that there is a big margin for an increase of yield. Any plan which in itself offers the prospect of reducing this margin should be worthy of trial. The corn grader is only one of the steps in artificial selection of seed; it is one of the most important steps, too. No corn planter was ever made that will drop uneven kernels evenly. "How to Grade Seed Corn" is a book which tells all about Owen's Seed Corn Grader and Sorter. Write to the J. L. Owens Co., Minneapolis, Minn., for this book which is listed on page 24.

**BUCKEYE HOLLOW CEMENT BLOCK MACHINE**

is a good, practical face-down machine for the use of farmers, masons, etc. It is low enough in price so that everyone can afford to have it. It makes a good, strong block and is very convenient to operate, and has the best features of the most popular block machines. It makes the block "face down," permitting richer mixture to be used for facing. The pallets are provided with hand holes for carrying away the blocks. Wood pallets may be used, but we advise iron ones, as wood is liable to warp and crack the blocks when setting. The parts are easily and quickly changed. It makes perfect blocks, for unless the machine is square every way it will not lock up. The machine can be operated, if necessary, by one man, although to work it up to its utmost capacity, three men can be used, one to mix the material, one to tamp and operate the machine and one to carry the blocks away. If you are interested in such a machine that can be purchased at a big bargain, see the advertisement of the United Cement Machinery Manufacturing Company on page 6 of this issue, and write them for particulars

**500**

**Catarrh**

**Treatments**



**To be**

**Given**

**Away**

**Free**

You are troubled with that loathsome and dangerous disease, Catarrh. You have longed for relief. You have wanted to be rid of the hawking, spitting, the foul breath, the constant annoying discharge from the nose, the disgusting dropping of mucus into the throat. You have been told a cure was impossible. You have tried doctors and various methods only to meet with failure.

I come to tell you that CATARRH CAN BE CURED. Right in your own home by means of an easy, painless, unfailing method, you may be cured. You can rid yourself of all the discomforts, the annoyances, the loathsomeness of Catarrh. The disease is all of these things, as you will learn by sad experience, if you have not already done so. It always has a small beginning, but it encroaches, steadily, persistently, relentlessly, until the vital organs of the body are attacked, and you face pain, lingering torture and death.

I have cured thousands. I can cure you if you come to me before it is too late.

I have decided to distribute 500 free treatments **ABSOLUTELY WITHOUT CHARGE**, to Catarrh sufferers. I want you to see my method, know what I have done for others. My life has been spent in the study of CATARRH, its Causes and Cure. Now I offer to share with you my experience and knowledge on the subject. I have been successful. I want YOU to profit by my success by taking advantage of my offer—a free treatment for Catarrh, gladly given to sufferers from the disease.

Don't delay. Write immediately. A postcard, with your address upon it, sent off NOW will secure one of the free treatments. An envelope containing your address put in this mail will bring you what you have longed for, but despaired of—a cure for Catarrh. Tomorrow may be too late. Be one of the fortunate people to get one of these free treatments for Catarrh. Write right now.

**Catarrh Specialist Sproule 475**  
**Trade Building, Boston.**

at 100 First Nat'l Bank Bldg., Waterloo, Iowa.

**TWENTY DAYS' TREATMENT COMPLETELY CURED HIM OF PILES.**

When one of the most prominent bankers in Kansas City testifies that he has been cured of piles it certainly proves that the system of treatment is right. Read below: "Kansas City, Mo., May 24, 1902. Drs. Thornton & Minor, Dear Sirs:—You may refer to me at all times. For nearly twenty years I suffered with piles; after twenty days' treatment by your Dr. Minor, I was completely and most effectually cured, and am sound as a dollar today, thanks due to you exclusively. Yours very truly, Wm. Huttig, Vice-President Fidelity Trust Co." **TEN THOUSAND ACRES OF WYOMING LAND.**

On page 27 of this week's paper will be found the advertisement of the O'Keefe Real Estate Company, of Omaha, Neb., who are offering a tract of 10,000 acres of Wyoming land adjoining the U. P. railroad. This is nice, smooth land and is being rapidly taken up by the best farmers in Iowa, Illinois, Missouri and Wisconsin. The adjoining land is being sold to a German colony and is being rapidly settled up at double the price asked for this. There is a great prospect for investment in this land. Write the O'Keefe Land Company, of Omaha, about this at once and kindly mention this paper.

**WHY GIVE HIDES AND FURS AWAY?**

It is generally a hard proposition for the hunter or trapper who markets a small amount of hides and furs, to know just where to sell. Quotations on this line of goods are exceedingly variable and it is seldom that the local buyer pays as high prices for animal furs and hides as he can afford. Competition gives him full sway in the market and he takes your pack at just about his own prices. Minneapolis, Minn., is a great market for hides and furs. A great many trappers ship direct to that place and are often able to obtain 10 to 50 per cent more, spot cash, for their trapping than by selling locally. We would advise anyone having a shipment of furs on hand, whether large or small, to write for price lists, market reports and information regarding tanning of hides to Messrs. Andersch Bros., Dept. 19, Minneapolis, Minn.

**HOW STRONG ARE YOU?**

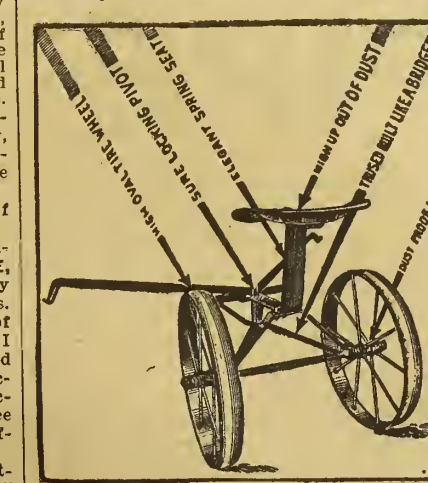
That is the question which the shoeman who sells the Buffalo Calf shoe will ask you when you are being fitted. This "make of shoes has attached to them a small leather test tag cut in the form of a Buffalo calf. If you can tear this piece of leather in two with your fingers, you will have won a pair of shoes. This strip of leather is of the same kind as that from which the shoes are made. Buffalo calf is a leather that is carefully tanned and made to wear. In making the Buffalo Calf shoes, service and utility are given special attention. Nearly every dealer handles this brand of shoes which is made by Bentley & Olmstead Co., of Des Moines, Iowa. Next time you buy a pair of shoes, be sure to ask for Buffalo Calf and try this test. Here is a chance to get a pair of shoes for nothing, providing you are strong enough. See page 20 for more about this buffalo tag.

**PEERLESS CREAM SEPARATORS.**

There is no more important feature in favor of any machine than that it will accomplish more with less work than its competitor. This is true only if the grade of work is equal or better than that of the other machine. The Waterloo Cream Separator Company, of Waterloo, Iowa, claim that their Peerless Cream Separator will skim more-milk with the same amount of labor than its competitors, and at the same time will do it better. The reason for this is the fact that they have the only machine that has a combination of the hollow and disk bowl. That means double capacity, or a smaller bowl for the same amount of work. This insures easier turning, less wear, easier cleaning and better cream—it doesn't break down the large fat globules. It "skims to a trace." Write them today for their free catalog No. 9, their guarantee and special terms. Please mention The Homestead.

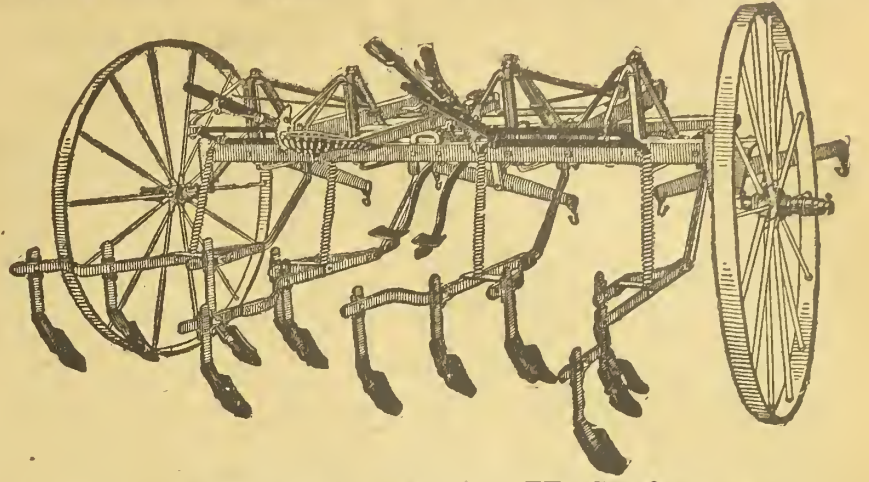
**THE GALLOWAY BIKE HARROW CART.**

This paper is glad to be able to call the attention of its readers to the Galloway Bike Harrow Cart. Mr. Galloway's harrow cart is probably not a new thing to many of our subscribers and we know that there are a lot of them owning one. On all sides words of praise are heard for Galloway's cart. The Galloway harrow cart ought to be a good one, as we know that Mr. William Galloway was the originator of the two-



wheel cart. It was his first manufacturing enterprise and he has made a big success of it. His customers speak glowing words of praise about it in his booklet which he sends to any interested farmer on request. Every farmer ought to own a harrow cart. It is without question a most needed implement on the farm today. With one a farmer can save all that hard work and drudgery of dragging behind the horses in the dust while harrowing. Just read Mr. Galloway's advertisement on page 25 and note the very low price which will buy one of these carts

**Save the Wages of One Farm Hand**



**Help! More Help!**

That's the cry with every farmer—can't get help just when you need it, and when you do get a good man he wants all your profit for his wages. Ever hear of the Hon. David Rankin, the man who solved the problem of the scarcity of farm hands? Where other farmers hire two men to plow with two single row plows, David Rankin, the largest corn grower in the world, gets the same work done with the help of one man and the

**"MIDLAND" TWO ROW CULTIVATOR**

W. R. Clifton, of Waco, Texas, said: "With a Midland Two Row Cultivator, one man and three mules can do the work of two men and four mules."

Mr. Clifton saves as much in wages on his one Midland Two Row Cultivator as Mr. Rankin saves on each of his, and Mr. Rankin cultivates at times as much as 1800 acres in one day.

**MIDLAND MFG. CO.**

Our catalogue fully describes the Midland Two Row Cultivator and also contains some very interesting articles on corn cultivation.

Your name and address will bring you a copy free.

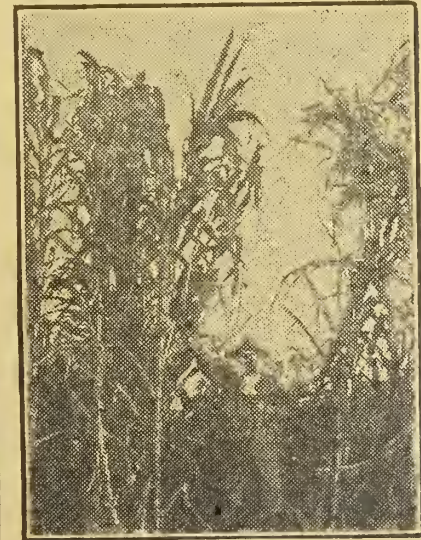
You will enjoy looking at the photograph (3 feet long) of one of Mr. Rankin's farms, showing the largest corn field in the world.

**102 Main St., Tarkio, Mo.**

and then write him for his booklet or send in your order at once. Mr. Galloway does one thing that we publishers like to see, and that is he puts up his bond, in no small amount, either—\$25,000—as a guarantee not only on his cart, but of good faith and insurance for the farmer that sends in his cash with order. Just note the illustration of the harrow cart shown here. It pretty well describes what his cart is like and is only one of several shown in his booklet. He says he's got a new proposition this year. A bigger inducement than ever for every farmer to own a harrow cart. Why not just see what his offer is? Write him today and tell him you saw his advertisement in this paper. He always likes to know what paper brings him the most business as well as friends. Address the William Galloway Company, 105 Jefferson St., Waterloo, Iowa.

**HIGHER QUALITY AND LOWER PRICES FOR STANDARD CREAM SEPARATORS.**

With the demand increasing yearly for cream separators on dairy farms throughout this country we wish to again bring to the attention of our readers the fact that the standard high-grade Davis Cream Separator



**Iowa Corn 19 Feet High.**

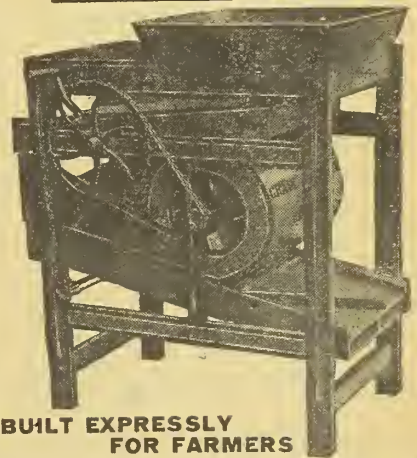
This remarkable photo is sent us by Henry Field, the seedsman, of Shenandoah, Iowa. It is a picture of some corn he grew on his trial grounds from seed imported from Old Mexico.

Mr. Field conducts extensive trial grounds in connection with his seed business, and has done some valuable work in the way of testing corn and other seeds. This Giant Mexican corn he does not consider of any great practical value in itself, as it is too late for our climate, but he thinks it may be of great value in cross-breeding experiments owing to its great vigor, drought-proof qualities and ability to stand up in spite of wind.

He has secured two bushels of seed for this year's experiments, and authorizes us to state that he will send a small packet of it free to any of the readers of this paper who wish to experiment along the same lines. Be sure and mention this paper, and while you are about it, better ask for his catalogue. He sells all kinds of seeds and seed corn, and is one of the few seedmen who guarantee seeds true to name.

See advertisement on page 24. The address is Box 25, Shenandoah, Iowa.

**THE HAWKEYE Grain Grader and Cleaner**



**BUILT EXPRESSLY FOR FARMERS**

It is both a grain grader and fanning mill with large capacity and does the best of work. It separates wheat or oats in two grades and cleans them at the same time.

- It will clean and grade seed corn.
- It will clean and grade seed wheat.
- It will clean and grade seed oats.
- It will separate oats from wheat.
- It will separate timothy from clover.

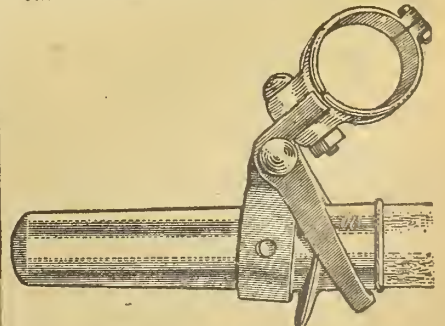
In short, it will do any work required of a fanning mill and grade seed grains besides.

If your dealer does not handle it, write us for illustrated circular and prices. Manufactured by **PARSONS HAWKEYE MFG. COMPANY, NEWTON, IOWA.**

is now sold straight from the factory at real factory prices. It is now possible to get the highest grade cream separator at a very small cost over cost of manufacture. This plan is more fully explained and separator carefully described in the new "Money Saving Catalog No. 54-L" just issued by the Davis Cream Separator Company, 118 North Clinton St., Chicago, Ill. A copy will be sent free to any reader of The Homestead if they will address as above and mention this paper. It will mean money in your pockets and it is advisable to act right now while the matter is fresh in your mind. See advertisement on page 8.

**THE STORY OF A RUNAWAY.**

Every reader of this paper is interested in any device that prevents injury in case of a runaway. The Zeigler Automatic Lock Neck Yoke Center is a safety device which



supports the pole in all emergencies. Breaking singletrees or dropping traces cannot let the tongue down. This is a splendid thing for everyone who owns a buggy or carriage







# OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

## CLIPPINGS FROM THE SHEARS.

The demand for good breeding stuff is great, and from all indications will be for a good while. The man who has pure-bred stuff to sell now is lucky.

Better buy a ram now when you can get the choice from among several. In the fall only the tail-enders will be left.

Make your flocks better by building up continually. If new stock is purchased get something better than you had before. Always use a pure-bred sire.

Sheep need good nitrogenous food more than anything else. Alfalfa, clover hay and oats for grain supply just such food.

Good treatment of the ewe in winter time is good treatment of the lamb.

The average weight of the fleece of 1907 was 6.61 against 6.39 the previous year.

It is well to have shelter where the flock can go during the cold rains and have a dry place to lie.

Ice-cold water is detrimental to the best thrift and health. It should be sufficiently warmed to at least remove the chill.

Each ewe should have at least twelve square feet of space in the barns or sheds.

Success at lambing time means constant attention and looking after the little things.

If there is considerable wool about the udder and flanks, it is a good practice

to remove it before the lamb is born. It can be done without danger to the ewe if she is handled carefully.

Don't let the cattle run in the sheep sheds. It is poor policy toward the sheep. Also remember that a pig in the lambing lots is dangerous to both ewe and lamb.

## Resuscitation of Chilled Lambs.

To the Editor of The Homestead:

A lamb well chilled immediately following birth is a doubtful proposition, but not a forlorn hope. The first step generally in reviving it is to get some warm milk into it. An attendant to assist you is almost necessary. Catch the ewe and let the assistant hold her by standing on one side of her, placing one hand under and about her neck, and with the other hand grasping the stifle of the hind leg opposite him, lift it upward and backward. This exposes the teat and udder well. Now place the lamb beneath the ewe and with one hand take it about the head in such a manner that you can hold its mouth open with the fore-finger. Use the other hand to milk slowly into its mouth. Keep the mouth upward and if the lamb does not swallow, remove the finger from the mouth and close it a little. A little effort will usually induce it to swallow.

If the lamb is too far gone to swallow, you have one more resort if you act quickly. Take the lamb to the kitchen and place it in a vessel of water at 100 or 105 degrees Fahrenheit, keeping the water at this temperature for some time. Immerse the lamb all but the head and rub the body. When the lamb begins to live up, take it from the water and rub thoroughly dry. Have some fresh milk warm and with a teaspoon get a few teaspoonfuls down it. Keep the lamb clear away from direct heat, but cover it with a cloth or rub occasionally. Presently, feed some more milk, and when it has recovered sufficiently to stand and walk about, the lamb may be returned to the ewe. But see that it sucks and it may be necessary to assist it a few times, but it will soon care for itself.

As to the extent to which a lamb may be chilled and still recover, the following will generally hold: Once the nose and exterior of the mouth become cold, hope is past, but as long as the nose is warm there is a chance.

Subscriber.

## John Justice's Duroc Sale.

In response to summons to the sale a good crowd of buyers gathered at the farm of the above breeder February 15th, near Ankeny, Iowa, and took the offering at very fair prices. Nothing sold below a quarter of a hundred and the average was \$36.10. Below is the story of the bidding:

Lot.	Name	Price.
1.	Geo. McKellip, Ankeny, Iowa....	\$44.00
2.	A. T. Sundell, Paton, Iowa....	50.00
3.	H. E. Haulman, St. Charles, Ia.	42.00
4.	Menifee Bros., Polk City, Iowa....	38.00
5.	Jno. Kaltenheuser, Elkhart, Ia.	39.00
6.	Wm. Hague, Ankeny, Iowa....	40.00
7.	W. J. Hartung, Maxwell, Iowa....	36.00
8.	O. A. Kelley, DeSota, Iowa....	25.00
9.	H. E. Haulman.....	30.00
10.	Frank Elliott, Altoona, Iowa....	28.00
11.	Same.....	35.00
12.	H. E. Haulman.....	30.00
13.	O. A. Kelley.....	35.00
14.	W. E. Clark, Mitchellville, Ia....	40.00
15.	Bert Shepherd, Berwick, Iowa....	40.00
16.	Frank Elliott.....	26.00
17.	Bert Shepherd.....	30.00
18.	Frank Wright, Ankeny, Iowa....	38.00

# Wanted Today 1,000,000 Farmers TO INVEST ONE CENT IN A POSTAL CARD

Address it to me.  
Say on it.  
"Send me your SPECIAL 20,000 Bike Harrow Cart proposition."  
You will be glad afterwards, if you do it today.  
Yes, sir!  
It will pay you big.  
I am going to build and sell just 20,000 Bike Harrow Carts for 1907 at a price so low you can't afford to walk. Besides give you a chance on a proposition to get the best harrow cart ever built on two wheels for nothing.  
To sell 20,000 carts is a big undertaking, but my proposition is doing it.  
It's a little out of the ordinary.  
Get in on this 20,000 cart deal while it lasts.  
It only costs you one cent to get it.  
I then leave it entirely to you if it is not just a little bit the most interesting harrow cart proposition you ever heard of.  
Drop me a postal if you don't write another one for six months.  
Don't buy a harrow cart anywhere, of any kind, make, or brand, or at any price, until you get my proposition.  
I leave it then entirely to you to be the judge.  
I know there is no harrow cart built regardless of price, today, that will begin to equal the Bike and meet your requirements like it. The "Proof of the Pudding" which I send free with my proposition proves that.  
It is a high wheeler with positive lock—just right for rough and hilly ground, will turn anywhere without interfering with levers or sections or shaking the driver to pieces.  
I have built and sold more harrow carts than all other manufacturers put together and know what is required to make a perfect harrow cart. Sold direct from Factory to Farm. Write me today. It's interesting.  
**WM. GALLOWAY, Pres.,** The William Galloway Company, 105 Jefferson Street, Waterloo, Iowa, U. S. A.



22.	B. F. Howard, Ankeny, Iowa....	29.00
23.	Same.....	26.00
24.	Frank Wright.....	34.00
25.	W. J. Hartung.....	30.00
26.	Bert Shepherd.....	40.00
27.	Same.....	39.00
28.	Frank Wright.....	36.00
29.	Same.....	36.00
30.	B. F. Howard.....	29.00
31.	Same.....	29.00
32.	J. F. Elliott, Altoona, Iowa....	40.00
33.	W. J. Miller, Ankeny, Iowa....	72.00
34.	J. F. Elliott.....	41.00
35.	H. E. Haulman.....	27.00
36.	L. F. Randolph, Ankeny, Iowa....	40.00
37.	J. F. Elliott.....	56.00
38.	Jesse Wright, Altoona, Iowa....	25.00
39.	C. L. Thornton, Ankeny, Iowa....	25.00

## A Record-Breaking Sale.

The dispersion sale of the herd of Duroc Jerseys owned by Messrs. John M. Morrison & Sons, at College View, Neb., on March 15th, proved the most sensational sale ever held of this breed. The year 1906 has been a record breaker for unusually high values, and prices for all kinds of hogs have gone skyward. Previous records have time and again been shattered, until we thought the limit had been reached. The Morrison sale, however, proved the finale of them all, and with the closing chapter is to be recorded the greatest sale of Duroc Jerseys that has ever been known. Breeders from everywhere were at the ringside. Iowa and Nebraska were well represented, as was also Kansas and Missouri, while others had come from Illinois and as far south as the Indian Territory. Grizzled veterans in the cause of the red hog were there, as was also the more aggressive of the younger breeders. It was undoubtedly the most representative gathering of Duroc Jersey breeders that has ever been brought together. Many well-known breeders who were unable to be present sent bids to Colonel Callahan and the various newspaper representatives. No. 9 was the first to be sold and she went to Mr. Jno. L. Williams, of Bellaire, Kan., at \$205. A few others were sold and then the great sow, Alix 11, was brought in. She was started at \$200 on a mail bid from Kentucky, and then she leaped to \$500 on a bid from Mr. Arthur Vail, of Hume, Mo. Others dipped in and Mr. Vail came back again with another \$100. When Messrs. George Blessing, Homer, Neb.; J. A. Ollis, Jr., Ord, Neb.; M. S. Moats, Randolph, Neb., and John Lyden, Belden, Neb., took a hand, she was not long reaching the \$1,000 mark, and then began the most aggressive fight ever witnessed for the possession of a Duroc Jersey sow. When she reached the \$1,500 mark that veteran breeder, Mr. Smith Brown, of Waterloo, Neb., took a hand, and on she went. Messrs. John Lyden and M. S. Moats dropped out after bidding \$1,800 on her, and then it narrowed down to Mr. Smith Brown, Mr. Vail, Mr. Ollis and Mr. Geo. Blessing. Mr. Vail stayed to the last and Mr. Blessing secured her at \$2,200, the highest price ever known to be paid for a Duroc Jersey sow. Alix 11 was bred by Messrs. Manley & Co., of Lyons, Neb., and was farrowed the property of Mr. Austin Renshaw, of Blair, Neb. She was raised by Mr. Renshaw and shown by him, winning first and sweepstakes at the leading state fairs, and was afterwards bought by Messrs. Morrison & Sons. The other sensational feature was the sale of the one-half interest in Kan't Be Beat, the well-known boar at the head of the herd. He was started at \$200 and then jumped to \$1,000, and then steadily rose to \$1,500, when the bidding took an aggressive form, and at \$100 at a time he gradually went to \$3,025, and was purchased by Messrs. Geo. Briggs & Son, of Clay Center, Neb.; Hopkins Bros., Atlanta, Neb.; Wm. Sanstead, Holdrege, Neb., and Gilbert Van Patten, Sutton, Neb. Mr. Smith Brown, of Waterloo, Neb., was the man who forced the bidding to this unheard of price, and was associated with Messrs. Fred Steinbaugh, of Yutan, Neb., and Arch Brown & Sons, of Waterloo, Neb. From this time on everything went at high prices, and anything bred to Kan't Be Beat sold well. The average on thirty-three and one-half head (meaning the one-half interest in Kan't Be Beat) was \$343.14. The sows averaged \$266. Three world's records were broken, the high average on sales, highest price on boar and highest price ever paid on sow. Col. T. C. Callahan cried the sale and never did better work in his life. Below is a complete report and prices paid: Kan't Be Beat 10239 (A.) (one-half interest), Geo. Briggs & Son, Clay Center, Neb.; Hopkins Bros., Atlanta, Neb.; and Wm. Sanstead, Holdrege, Neb. \$3,025  
Alix 11, Geo. Blessing, Homer, Neb. 2,200  
Miss Bob, W. A. Kirkpatrick, Lincoln, Neb. 500  
Van's Lady, J. E. Joines, Clyde, Kan. 330  
Faust's Pride, Smith Brown, Water-

## IRON AGE Four-Row Sprayer

Most practical, rapid, economical sprayer. Protects potatoes and other crops from bugs and blight. Sprays under high pressure. Write for new 1907 Iron Age Book that describes Potato Planters, Cultivators, Diggers, and complete line of Farm and Garden Tools.  
**Bateman Mfg. Co.**  
Box 148, Grenloch, N. J. Western Branches

## This Keeps Lightning Out Of Your Telephone

This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house. Simple; positive; sure. Book FREE.  
Just send your name and address. Our book explains everything—how you can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the complete arrestor. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 800 last year, besides farming.  
**W. E. ASHBY TELEPHONE CUT OUT CO.,**  
101 Square St., Chariton, Iowa.

## CLOVER HILL SHROPSHIRE

I N favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305 lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.  
**CHANDLER BROS.,** Kellerton, Iowa

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.  
**GEORGE ALLEN,** Lexington, Neb.  
Registered Shropshire Rams and Ewes of the best breeding. Willard Miller, R. F. D. No. 2, Anita, Iowa.

100, Neb.	325
Ida M., L. D. Padgett, Beloit, Kan.	145
Parnell B., R. C. Poston, Corydon, Ia.	205
Victor's Banner, Thos. F. Fowler, North Bend, Neb.	130
Morrison's Flower, Jno. L. Williams, Bellaire, Kan.	205
Becky Sharpe, same	325
Rose Orion, Peter Jacoby, Aurora, Neb.	175
Morrison's Choice, Chas. Moyer, Nebraska City, Neb.	100
Gilt, Arthur Vail, Hume, Mo.	825
Gilt, C. R. Hastings, Morris, I. T.	250
Gilt, J. A. Ollis, Jr., Ord, Neb.	130
Gilt, W. M. Anderson, Wisner, Neb.	65
Gilt, M. S. Moats, Randolph, Neb., and John Lyden, Belden, Neb.	220
Gilt, W. A. Robinson, Creighton, Neb.	80
Gilt, W. M. Anderson.....	60
Gilt, Jas. Conklin, Jr., Franklin, Neb.	105
Gilt, J. M. Worley, Eldorado, Kan.	55
Gilt, B. F. Porter, Mayfield, Kan.	120
Gilt, Jas. Conklin, Jr.	80
Sow, Jacob Stroh, DeWitt, Neb.	135
Gilt, R. C. Poston.....	195
Sow, O. G. Smith, Kearney, Neb.	170
Sow, L. D. Padgett.....	200
Gilt, E. E. Greer, Cambridge, Neb.	245
Gilt, Taylor, Morris & Shroberger, Morris, Ill.	150
Gilt, W. M. Anderson.....	50
Gilt, same.....	80
Sow, F. E. Swartz, Max, Neb.	305
Gilt, J. J. Barnes, Columbus, Neb.	205
Substitute, J. D. Logan, Beloit, Wis.	150

A SHAVING soap should soften the beard and soothe the face. Common soap won't do this, but it will irritate and smart, and quite likely poison the face. If this means anything to you insist on getting

# Williams' Shaving Soap

"The only kind that won't smart or dry on the face."

Send 2c. stamp for a TRIAL CAKE of Williams' Shaving Soap, or 4c. for a Williams' Shaving Stick, trial size, enough for 50 shaves. Address

THE J. B. WILLIAMS COMPANY, Department A, GLASTONBURY, CONN.



## Moats &amp; Sons' Duroc Sale.

Messrs. M. S. Moats & Sons, of Randolph, Neb., held a very successful sale of bred Duroc sows at their farm February 19th. The offering was in excellent condition and the quality was generally good all the way through. The top of the sale was on Challenger's Lady, a daughter of Duroc Challenger, and being bred to the show boar, Crimston Critic, for an early litter made her a desirable animal and was one of the cheap sows of the quality sold this season. Mr. Smith Brown was the buyer at \$225. No. 1 of the catalog would have sold much higher had she not broken service, and was bred very late. As it was, she sold to Messrs. Edmonds, Shade & Co. for \$100. The entire offering of forty-five head made an average of better than \$52. This firm have an excellent herd and we expect good things from them next year. Below is a list of sales of \$40 and upwards:

Lot.	Price.
1. Edmonds, Shade & Co., Kingsley, Iowa	\$100.00
2. Carl Hansen, Herman, Neb.	80.00
3. B. R. Miller, Randolph, Neb.	75.00
4. H. C. Hall, Brunswick, Neb.	68.00
5. B. R. Miller	57.00
6. J. H. Parker, Randolph, Neb.	55.00
7. E. F. Larue, Lyons, Neb.	75.00
8. Smith Brown, Waterloo, Neb.	225.00
9. Manley & Co., Lyons, Neb.	52.00
10. Wm. Lessman, Wayne, Neb.	65.00
11. Ray Stobber, Randolph, Neb.	48.00
12. Jno. Lydon, Belden, Neb.	43.00
13. W. Stageman, Randolph, Neb.	46.00
14. J. C. Tighe, Stanton, Neb.	52.00
15. Smith Brown	100.00
16. Robt. Halstine, Missouri Valley, Iowa	70.00
17. Cary Cameron, Herman, Neb.	100.00
18. W. Peterson, Lyons, Neb.	60.00
19. J. L. Davis, Carroll, Neb.	40.00
20. M. V. Bowers, Spencer, S. D.	41.00
21. Jno. H. Tryon, Lyons, Neb.	40.00
22. Jno. Volkert, Randolph, Neb.	41.00
23. Clark & Tryon, Wausa, Neb.	40.00
24. Edgar Taylor, Pierce, Neb.	40.00

## Stone's Duroc Sale.

Mr. W. J. Stone, of Lyons, Neb., held his annual bred sow sale at his farm near Lyons, February 28th. The local crowd was not as large as usual on account of the Gleason Short-horn sale just a few miles distant the same day. But the offering was good and the result of the sale was very satisfactory. The top of the sale was on No. 1, Proud Addie, a yearling daughter of Proud

Advance out of Royal Blossom 5th, the three times sweepstakes sow. Proud Addie was the top of the Edmonds, Shade & Co. sale last spring and was purchased in partnership by Edmonds, Shade & Co. and Manley & Co. We are informed that Messrs. Manley & Co. will keep the sow this spring. A few days before the sale she became lame and was unable to walk sale day, which undoubtedly caused her to sell for much less than she would have sold on her feet; \$600 was her selling price. The sale averaged \$68.60. Below is a list of over \$40:

Lot.	Price.
1. Edmonds, Shade & Co. and Manley & Co.	\$600.00
2. W. W. Robins, Lyons, Neb.	100.00
3. W. H. Hensel, West Point, Neb.	53.00
4. L. E. Schuler, Hooper, Neb.	50.00
5. Geo. Boskirk, Pender, Neb.	100.00
6. W. H. Hensel	50.00
7. Wm. Bigelow, Lyons, Neb.	65.00
8. Jno. Lydon, Belden, Neb.	98.00
9. Jno. H. Tryon & Sons, Lyons, Neb.	55.00
10. T. A. McMahon, Craig, Neb.	80.00
11. F. Backus, Oakland, Neb.	105.00
12. Geo. Nordyke, Allen, Neb.	170.00
13. Geo. Boskirk, Hubbard, Neb.	40.00
14. Same	40.00
15. Same	50.00
16. Same	45.00
17. Same	42.00
18. W. C. Hemtzman, Lyons, Neb.	40.00
19. C. Wallace, Wisner, Neb.	53.00

## Geo. Blessing's Duroc Jersey Sow Sale.

The first annual sale of Mr. Geo. Blessing, at Homer, Neb., was very successful and was well attended. The offering was in nice condition and an average of \$53.74 was made on thirty-nine head. Messrs. M. S. Moats & Son secured No. 1 of catalog, which was the bargain of the sale. Below is a report of the entire offering:

Lot.	Price.
1. M. S. Moats & Sons, Randolph, Neb.	\$110.00
2. Same	55.00
3. F. A. Gossard, Ponca, Neb.	45.00
4. W. H. Ryan, Homer, Neb.	60.00
5. Blevius Bros., Dakota City, Neb.	50.00
6. Louis Goodsell, Homer, Neb.	60.00
7. Blevius Bros., Dakota City, Neb.	45.00
8. Manley & Co., Lyons, Neb.	55.00
9. Blevius Bros.	55.00
10. J. J. Lapsley, Dakota City, Neb.	43.00
11. Hans Nelson, Hubbard, Neb.	45.00
12. Blevius Bros.	26.00
13. Hans Nelson	50.00
14. Webb Kellogg, Emerson, Neb.	50.00
15. L. Goodsell, Jr., Homer, Neb.	65.00
16. A. Goodsell, Homer, Neb.	60.00
17. J. P. Beacom, Hubbard, Neb.	65.00
18. Same	57.00
19. Hans Nelson	53.00
20. R. Goodsell, Homer, Neb.	57.00
21. Chas. Dodge	60.00
22. Hans Nelson	50.00
23. Webb Kellogg	70.00
24. J. J. Lapsley	37.00
25. Webb Kellogg	43.00
26. Jas. Nelson, Homer, Neb.	43.00
27. J. T. Graham, Dakota City, Neb.	48.00
28. Chas. Dodge	50.00
29. Same	50.00
30. John Tryon & Sons, Lyons, Neb.	63.00
31. Hans Nelson	50.00
32. A. Goodsell	68.00
33. Jas. Nelson	40.00
34. John Forbes, Dakota City, Neb.	40.00
35. W. J. Stone, Lyons, Neb.	55.00
36. L. F. Kirk, Ponca, Neb.	87.00

## The Tryon Duroc Sow Sale.

One of the best attended sales held this year in northeast Nebraska was that of Messrs. John H. Tryon & Son, near Bancroft, Neb., on February 27th. Breeders were there in goodly numbers from Iowa, and the Nebraska contingent was very strong. Sows bred to Junior Jim averaged \$211.78. The top was Manley's Profit, a daughter of Orion out of Miss Profit 2d by Dandelion. She was purchased by Messrs. Robbison Bros., of Lyons, Neb., at \$815. The entire offering averaged \$115.30 on forty-one head. Below is a list of those selling for \$50 or over:

Lot.	Price.
1. W. W. Robins, Lyons, Neb.	\$120.00
2. Jno. Lydon, Belden, Neb.	100.00
3. C. Wallace, Wisner, Neb.	128.00
4. Edmonds, Shade & Co., Kingsley, Iowa	50.00
5. J. C. Clark, Stanton, Neb.	70.00
6. F. E. Garret, Lohrville, Iowa	135.00
7. S. B. Cummings, Tecumseh, Neb.	190.00
8. W. A. Peterson, Lyons, Neb.	60.00
9. Jno. McLaughlin, West Point, Neb.	68.00
10. Robins Bros., Lyons, Neb.	815.00
11. J. C. Clark	63.00
12. B. F. Preston, McLane, Neb.	97.00
13. M. C. Larson, Bancroft, Neb.	53.00
14. W. H. Hudson, Glidden, Iowa	90.00
15. W. W. Robins	150.00
16. W. A. Peterson	170.00
17. Hugh Robins, Lyons, Neb.	105.00
18. L. H. Cantine, Quimby, Iowa	125.00
19. C. Wallace	150.00
20. Ed Galliger, West Point, Neb.	60.00
21. B. F. Preston	55.00
22. W. Tighe, Lyons, Neb.	50.00
23. C. F. Kirk, Ponca, Neb.	500.00
24. H. C. Hall, Brunswick, Neb.	225.00
25. M. S. Moats & Sons, Randolph, Neb.	50.00
26. W. J. Stone, Lyons, Neb.	100.00
27. H. C. Stone, Brunswick, Neb.	125.00
28. J. C. Tighe, Stanton, Neb.	75.00
29. Jno. Galliger	60.00
30. T. A. Gossard, Ponca, Neb.	95.00
31. W. A. Staples, Glidden, Iowa	110.00
32. G. Butler, Bancroft, Neb.	50.00
33. N. Nelson, Bancroft, Neb.	55.00
34. E. F. Larue, Lyons, Neb.	60.00

## Peterson's Duroc Sale.

Mr. W. A. Peterson, of Lyons, Neb., was the last one of the Logan Valley circuit to sell, his date being March 2d. His offering was in good condition and well merited the attention it received. Many of the gilts were of late farrow which accounts for the average being no higher. Many good prospects were sold in this offering, and of the popular families. Several daughters of Dandelion were included and they were the best sellers and we regret to announce that the old hog has quit service, so these were the youngest things ever to be sold sired by him. The sale was a good one, making an average of \$48. Below is a list of sales over \$40.



Roofing troubles! End them with Congo. Leave the old roof there and just lay Congo Roofing over it. It won't cost much; it won't take long.

Everybody who tries Congo likes it the first year; likes it better the second year; is proud of it the third year and gets more enthusiastic after that the longer he waits for it to wear out.

A sample is pretty good evidence. We will send you one free. Ask for it.

**BUCHANAN-FOSTER COMPANY,**  
PHILADELPHIA,

1033 Monadnock Building, - San Francisco.

THE OLD RELIABLE  
..Anti-Friction Four Burr Mills..

Double the Capacity of other Mills.

TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gear-lug. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

Col. J. L. Luther cried the entire circuit without assistance on the block and did very satisfactory work. We think the circuit will be the same dates next year with the addition of Robbins Bros.

1. Anton Peck, Hartington, Neb.	\$68.00
2. S. M. Ramsey, Lyons, Neb.	50.00
3. Aug. Wellper, Lyons, Neb.	70.00
4. Thos. Dolan, Lyons, Neb.	41.00
5. G. A. Johnson, Oakland, Neb.	53.00
6. S. A. Nelson, Oakland, Neb.	75.00
7. Thos. Dolan	53.00
8. Elmer Reed, Lyons, Neb.	100.00
9. W. J. Stone, Lyons, Neb.	75.00
10. Jno. A. Anderson, Oakland, Neb.	58.00
11. Jno. H. Tryon & Sons, Lyons, Neb.	50.00
12. Anton Peck	50.00
13. Chas. Preston, Lyons, Neb.	49.00
14. S. W. Swanson, Stanton, Neb.	67.00
15. Geo. C. Blessing, Homer, Neb.	60.00
16. E. E. Burns, Laurel, Neb.	50.00
17. S. A. Nelson	53.00
18. Wm. Reed, Lyons, Neb.	57.00

## Geo. Karschner's Sale.

The sale of Duroc Jersey bred sows made by Mr. George Karschner, of Wilcox, Neb., was a very successful event. The entire offering was sold at an average of \$48, with a top price of \$145, paid by Messrs. A. A. & W. G. Karschner for Lot 1 in catalog, a fine two-year-old sow by Robert J. 33.75 and out of a daughter of Improver 2d. The attraction of the sale was the great hog, Journal 3d, first-prize hog at the Kansas State Fair in his class. Sows bred to this hog seemed in good demand. Below is a list of those selling above \$35:

Lot.	Price.
1. A. A. & W. G. Karschner, Wilcox, Neb.	\$145.00
2. A. W. Cox, Bladen, Neb.	67.00
3. F. G. Halberg, Axtell, Neb.	75.00
4. F. D. Huffman, Ragan, Neb.	51.00
5. Same	43.00
6. Same	44.00
7. W. R. Mullin, Abilene, Kan.	60.00
8. J. B. Lane, Wilcox, Neb.	40.00
9. Hopkins Bros., Atlanta, Neb.	82.50
10. A. W. Cox	35.00
11. M. P. Maryne, Bladen, Neb.	45.30
12. Wm. Sanstead, Holdrege, Neb.	79.00
13. J. H. Graves, Bladen, Neb.	40.00
14. F. D. Huffman, Ragan, Neb.	43.00
15. Same	35.00
16. Wm. Sanstead	45.00
17. T. M. Anderson, Oberlin, Kan.	43.00

## FAMOUS BOOK FREE TO EVERY READER.

By special arrangement with Dr. W. O. Coffee, the well-known eye, ear, nose and throat specialist, of Des Moines, Iowa, all readers of this paper can write to the doctor and get one of his new, 128-page books free of charge. This book tells all about the different eye and ear diseases. Gives the symptoms and causes of each. How all eye and ear troubles, including ordinary deafness and falling sight can be cured at home by a simple and inexpensive remedy. Book also tells how to live, diet, bathe, exercise, etc., to prevent eye and ear diseases and numerous other facts which everyone should know. If you want one of these books, simply write the doctor a letter or postal card and mention this paper. The book will be sent by return mail free of charge. Address Dr. W. O. Coffee, 340 Century Bldg., Des Moines, Iowa.



Few people of this state of Iowa realize that in Des Moines is located one of the largest map concerns in the United States.

## BARGAINS IN MAPS.

The Kenyon Map Company have forty-three traveling salesmen on the road all the time and cover every state in the union. In this issue on page 6 they are offering a wonderful bargain in the way of three beautifully colored maps for sixty cents. These maps are no cheap affairs, but would be an ornament to any wall in the best homes in the country. Every town, down to the smallest hamlet is on the map, the population of which is given from the 1905 census. They are printed in seven colors on tough, heavy paper and bound at both top and bottom with heavy metal strips. They are printed distinctly so that, even the railroads can be traced without any difficulty. Owing to the fact that they print these maps by the thousands they are able to make the surprising offer of three for sixty cents. This includes a map of your own state, one of the United States and one of the world. Should you prefer, you can substitute a map of any other state for the one of the world. If you are not perfectly satisfied with your purchase when you see the maps you can return them and your money will be refunded. Mention this paper in your letter today.

## Lands and Homes For Sale.

**No. 1525** 360 acres bottom farm, price \$45.00 per acre; 260 acres line fur alfalfa and corn; 40 acres growing alfalfa; lots of timber, running water; modern, finely finished house with bath room, piped for hot and cold water, furnace heat, cistern and two wells; barn, 20x36; hen house, corn crib and granary, cow shed, 3 small alfalfa fields, fenced hog tight; 100 acres in pasture, 4 wires; other improvements, 2 miles from Stockton, county seat of Rooks County, Kansas; price \$45.00 per acre.

**No. 1526** 400 acre stock farm, 100 acres suitable for farming, (60 acres in cultivation), frame house 1½ story, 14x13 with ell 10x14; barn, 20x30 ft.; granary and cattle sheds, feed lot and scales, timber and running water; joins the above 360 acres. Price of the 400 acres \$6,000.00. Price of the 760 acres \$22,000. I have 37,000 acres of Rooks Co. land listed for sale from \$8.00 to \$45.00 per acre. Write me for lists and county maps. C. H. Dewey, Stockton, Kan.

## 560 ACRES AT A BARGAIN

I AM offering an especially good bargain in a 560 acre farm, and will give good terms on it, too. The farm is exceedingly well improved, all suitable for cultivation, gently rolling, plenty of water with windmill and gas engine power, near good railroad town and school. All fenced and cross fenced. Price \$67.50 per acre. This is a genuine bargain and will not last long. Write today for particulars. Geo. C. Hunter, 317 Iowa Loan & Trust Bldg., Des Moines, Iowa.

**FOR SALE OR EXCHANGE:** 300 acres Mer county, Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**FOR RENT OR EXCHANGE** 640 Wilkin Co. Minn., about ½ plow land, fair 5-room house, large barn; share rent or willow, for other property, live stock or merchandise. Will give good deal. Box 81, Independence, Iowa.

**IOWA LAND CHEAP** 300 acre farm, 4 miles from city, good improvements, good timber, a snap. Must be seen to be appreciated. \$25 per acre. Theo. Kerndt, Lansing, Iowa.

The Kenyon Map Company have forty-three traveling salesmen on the road all the time and cover every state in the union. In this issue on page 6 they are offering a wonderful bargain in the way of three beautifully colored maps for sixty cents. These maps are no cheap affairs, but would be an ornament to any wall in the best homes in the country. Every town, down to the smallest hamlet is on the map, the population of which is given from the 1905 census. They are printed in seven colors on tough, heavy paper and bound at both top and bottom with heavy metal strips. They are printed distinctly so that, even the railroads can be traced without any difficulty. Owing to the fact that they print these maps by the thousands they are able to make the surprising offer of three for sixty cents. This includes a map of your own state, one of the United States and one of the world. Should you prefer, you can substitute a map of any other state for the one of the world. If you are not perfectly satisfied with your purchase when you see the maps you can return them and your money will be refunded. Mention this paper in your letter today.

It is surprising how many of our farmer friends are investing in northern and Texas lands. Many of these farmers are leaving their old homesteads where they have lived since childhood to take up the more strenuous lives of those in these unsettled districts. If you are one of those people who has decided to move to some point north or south, or to the coast, address L. Lock Box 299 and they will quote you wonderfully low rates on freight. This is an old and reliable firm in which you can place the greatest confidence. Write them today. Their advertisement appears on page of this issue.



When you buy roofing you expect it to last, don't you? You don't want to be incessantly patching little leaks after every rain. Isn't this just what you are doing now? You have had some experience with tin and shingle roofing.

Are you satisfied with their lasting qualities? BEACON-ITE is a long wool fibre thoroughly saturated with a secret preparation that makes it absolutely water-tight.

It will not rot or rust. By buying direct from the mills and putting it on yourself (we furnish all necessary nails and cement free), Beacon-ite is the most inexpensive roofing you can buy. If you want a roofing that will last and need no patching, write to-day for FREE samples of BEACON-ITE.

BEACON-ITE MILLS, Dept. 4, St. Louis.

An Only Daughter  
Cured of Consumption

When death was hourly expected, all remedies having failed, and Dr. H. James was experimenting with the many herbs of Calcutta, he accidentally made a discovery, which cured his only child of consumption. His child is now in this country and enjoying the best of health. He has proved to the world that consumption can be positively and permanently cured. The doctor now gives this recipe free, only asking two two-cent stamps to pay expenses. This herb also cures Nausea at the Stomach, Night Sweats, and will break up a fresh cold in twenty-four hours. Address Craddock & Co., 1032 Race St., Philadelphia, Pa., mentioning this paper.

BUY A SILO  
AND SAVE MONEY.

Read what Mr. T. E. Gunder of Ames, Iowa, says:

"In regard to the Silo I bought of you last year, I put about 100 tons of corn in it. I have enough ensilage to feed thirty cows six months giving them a liberal feed. They are making \$15.00 a week more than they did last winter, and my feed is not near so expensive. I would not think of getting along without a Silo any more than I would without a barn. Everything on the place likes ensilage. Tell the farmers to buy them; they are all right."

Write today for a copy of our Free Book.

**H. C. HARGROVE,**

316 E. Walnut St., Des Moines, Iowa

CLOVER \$8.25, Timothy \$2.00 per bushel, f.o.b. Mitchellville. Polk county grown and reclaimed. Sacks 21 cents extra. Order at once. Reference, Citizens State Bank. McKEE, CRAIG CO., Mitchellville, Iowa.



# LANDS AND HOMES FOR SALE

## The American Northwest

Produced, during 1906, such an abundant crop that the railroad facilities were inadequate to haul it to market. That tells a story that certainly is credit enough for any section. The stories of a hard winter and hardships, particularly in North Dakota, were not well founded. There was so much freight to haul into and out of that state and the state had grown so productive and prospered so rapidly that the means for transportation could not possibly develop as fast as did the energetic people of North Dakota. That state has been maligned more than any other country, yet has made such strides in the advancement in every line that it was impossible to keep pace with the development of that state. Farm lands are rapidly advancing, and I am here to say, editorially, that there has been no recession in the prices of farm lands in the American Northwest on account of the weather or inadequate railroad facilities, but, on the other hand, prices have steadily advanced, are advancing, and will still further advance to a figure double the present prevailing prices.

I would like to impress upon you the fact that our own state, Minnesota,

has been neglected, and that today she offers more of the rich bargains and more satisfactory investments than are to be found anywhere else in the world. Do not lose sight of the great possibilities of our own state while in search of an investment and a home.

If you have five hundred dollars, one thousand dollars, two thousand dollars, five thousand dollars or ten thousand dollars, and you want it working, consult us on our "Half-Profit" contract. It will make you money—often from 20 to 100 per cent on your investment, and it is safer than any savings bank in the world.

A man has not lived up to the measure of his opportunities unless he owns a piece of mother earth.

I would be glad to explain anything in the nature of a land investment that you may want to know, and I think I am an authority on land, land values and land investments. I would be glad at any time to give you the benefit of my information and experience.

\* \* \* \* \*

Call on me personally or write

### J. G. LUND

### LUND'S LAND AGENCY MINNEAPOLIS, MINNESOTA.

Branch Offices { CANBY and CROOKSTON, MINNESOTA  
JAMESTOWN and STEEL, NORTH DAKOTA  
WATERTOWN and ABERDEEN, SOUTH DAKOTA

### Farms That Grow "No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)

60 ACRES  
FARMS IN  
WESTERN  
CANADA  
FREE

are situated in the Canadian West, where Home-steads of 160 acres can be obtained FREE by every settler willing and able to comply with the Home-stead Regulations. During the present year a large portion of

#### New Wheat-Growing Territory

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. V. Bennett, 601 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 515 Jackson St., St. Paul, Minn.

Mention this Paper.



### A Winning proposition

Buy Land in the Last Mountain Valley, the Garden of Western Canada, and you'll own a home like this. Right in the heart of the Great Wheat Plain of Saskatchewan. Ample timber for fuel and fencing in the district.

Wm. Pearson Co. Ltd.

307 Northern Bank Building  
WINNIPEG, MAN.

Send 15c for photographic souvenir of "The Lake and the Land of Last Mountain Valley."

### FARM LANDS \$6.00 TO \$10.00 PER ACRE

FERTILE LAND just east of Denver, Colorado. Grasp this opportunity for cheap land. Sub-irrigated land equal to irrigated \$10.00 to \$25.00 per acre. No climate like Colorado for those who wish to enjoy life. Land is selling rapidly. Next excursion April 2d. Write at once.

W. F. Shelton Land Agency, 215 Sheidley Bldg., Kansas City, Mo.

HAVE YOU SEEN SMITH? W. F. SMITH REALTY CO., OF KEARNEY, NEB. WE SELL THE EARTH Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. KEARNEY, NEBRASKA

### Are you Satisfied

with your present conditions?

Don't your boys want a farm of their own? Go to Sunny Southern Alberta, where nature has done her utmost for SOIL and CLIMATE—Write for our EXCURSION DATES—Our lands sell from \$9.00 to \$16.00 per acre, and the day is not far distant when this opportunity will be gone. Make up your mind to go on our excursion THIS MONTH. Write for booklet, maps on Canada, etc.

THE O. W. KERR COMPANY,  
Nicollet Ave., Cor. 3rd.  
MINNEAPOLIS, MINN.

### Government Homes

ONE MILLION ACRES to be opened for settlement in the famous Rosebud reservation. A colored map of S. Dak., showing location, date of opening and the laws governing same for 25c. J. A. Stransky, Box 200, Pukwana, S. D.

FARMERS, READ THIS! If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will tell you how to get a free ticket to see our lands. Gillilan Bros., 555 Temple Court, Minneapolis, Minn.

IOWA FARMS: Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

TO EXCHANGE: Good 10-room residence, three acres of land, good four-and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

### FREE

A Beautiful Book of Western Canada.

WRITE ME FOR IT.

ASBERRY SINGLETON,

Gladstone, Manitoba, Canada

### OKLAHOMA LANDS

FROM \$15 to \$40 per acre that will grow more crops and make more money than the best lands in Iowa, Nebraska or Missouri. Map and information free.

A. J. WALDOCK & CO.,  
OKLAHOMA CITY, OKLAHOMA.

### MR. RENTER

STOP MOVING. Buy a farm in St. Louis County, Minn., on terms easier than renting and settle down. Good agricultural land at reasonable prices and easiest terms ever offered. For full information address Land Commissioner D. & L. R. E. Co., 525 Wolvin Bldg., Duluth, Minn.

### LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

Missouri Farms. Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

\$25.00 PER ACRE Iowa land, 240 acres with good improvements. Is a rare opportunity. If interested write. Nielander & Co., Lansing, Ia.

### MILD WINTER

Protected by great hills and warmed by almost perpetual sunshine, Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston (pop. 12,000) is the commercial and transportation center for an immensely productive fruit, grain, timber & mining territory. Write today for detailed and authentic information about new fruit and vine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soil as fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity? Address DEVELOPMENT LEAGUE, at either LEWISTON, IDAHO or CLARKSTON, WASH. Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

### LEWISTON-CLARKSTON

IDAHO WASHINGTON  
"The Gateway of the Pacific Northwest"



### LET ME SELL YOUR FARM, HOME OR BUSINESS.

No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

GLENN REALTY CO.

16 Gumbel Building, KANSAS CITY, MO.

### THE MILD CLIMATE IN VIRGINIA

OFFERS SPLENDID opportunities for farming, stock raising, fruit growing and general farming. Winters are mild and short. Climate healthful. Markets near. Lands are advancing. Write for information to

G. W. KOINER, Commissioner of Agriculture, RICHMOND, VIRGINIA

### SELL YOUR FARM

If you want to buy, sell or exchange a farm, home or busi-

ness, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.

Real Estate Salesman Co  
412 Braco Bldg.  
Lincoln, Nebraska

IF YOU WANT TO BUY, sell or trade a farm, send full description of what you have or want with 25 cents to the Farmers' Want Journal, Dept. 51, Kansas City, Mo., and we will advertise it before 30,000 buyers and sellers and send you a copy of the paper.

FOR SALE, RENT OR EXCHANGE: Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

Homeseeker, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Mende, Kansas.

TO EXCHANGE: Good 640-acre farm in Wilkin county, Minn.; 468 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

TO EXCHANGE: Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

LARGE highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

FOR SALE or trade 80 acres of good corn land. What have you to offer? Prefer southern Missouri land. S. W. Allen, Bethany, Harrison Co., Mo.

### CHOICEST Western Canada Farm Lands

ELEVEN thousand acres personally picked in small parcels out of 300,000 acres—all number one—well settled districts near main lines railways. Easy terms of payments. Address,

MONTAGUE LAND & SECURITIES CO.,  
301 Kennedy Block, Portage Ave.,  
Winnipeg, Canada

### EASTERN WYOMING RANCH

TWELVE thousand acres, join the main line of the U. P. R. R. well improved; two sets of improvements in good repair and a stream or water passes through two miles of this place. If you want to use it for a ranch, it's hard to beat. If you want to speculate, here is your chance. More than fifty thousand acres of table lands has sold to farmers from Iowa, Illinois and Missouri, and they are moving into this county fast. Address,

O'KEEFE REAL ESTATE CO.,  
1001 N. Y. L. Bldg., Omaha, Neb.

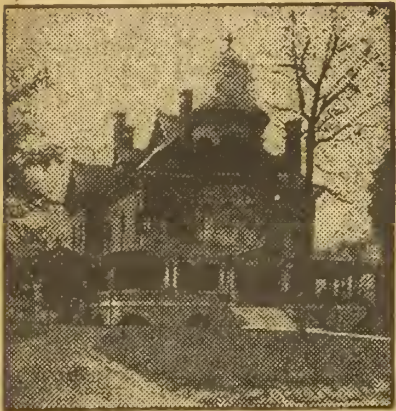
FOR SALE OR EXCHANGE: 240-acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence Iowa.



# Mrs. Cora B. Miller Makes a Fortune

Started a Few Years Ago With No  
Capital, and Now Employs Nearly  
One Hundred Clerks and  
Stenographers.

Until a few years ago Mrs. Cora B. Miller lived in a manner similar to that of thousands of other very poor women of the average small town and village. She now resides in her own palatial brown-stone residence, and is considered one of the most successful business women in the United States.



Mrs. Miller's New Residence, Earned In  
Less Than One Year.

Several years ago Mrs. Miller learned of a mild and simple preparation that cured herself and several friends of female weakness and piles. She was besieged by so many women needing treatment that she decided to furnish it to those who might call for it. She started with only a few dollars' capital, and the remedy, possessing true and wonderful merit, producing many cures when doctors and other remedies failed, the demand grew so rapidly she was several times compelled to seek larger quarters. She now occupies one of the city's largest office buildings, which she owns, and almost one hundred clerks and stenographers are required to assist in this great business.

## Million Women Use It.

More than a million women have used Mrs. Miller's remedy, and no matter where you live, she can refer you to ladies in your own locality who can and will tell any sufferer that this marvelous remedy really cures women. Despite the fact that Mrs. Miller's business is very extensive, she is always willing to give aid and advice to every suffering woman who writes to her. She is a generous, good woman and has decided to give away to women who have never used her medicine \$10,000.00 worth absolutely FREE.

Every woman suffering with pains in the head, back and bowels, bearing-down feelings, nervousness, creeping sensations up the spine, melancholy, desire to cry, hot flashes, weariness, or piles from any cause, should sit right down and send her name and address to Mrs. Cora B. Miller, Box 5425, Kokomo, Ind., and receive by mail (free of charge in plain wrapper) a 50-cent box of her marvelous medicine; also her valuable book, which every woman should have.

Remember, this offer will not last long, for thousands and thousands of women who are suffering will take advantage of this generous means of getting cured. So if you are ailing, do not suffer another day, but send your name and address to Mrs. Miller for the book and medicine before the \$10,000.00 worth is all gone.

## "STOP RUNAWAY"

The ZIEGLER Neckyoke Center  
is insurance against broken poles  
and runaway teams.

Pole can't let down. Never  
breaks; years of wear. Only practical  
center. Simple  
and costs less than  
the other kind.

"ASK THE DEALER."

ZIEGLER NECKYOKE CO., Coffeyville, Kans.  
Write Today for Free Illustrated "Story of a Runaway"

## GOLDFIELD ORE FREE.

For a stamp to pay postage, I will send a  
pocket piece size of gold-bearing ore from a  
Goldfield mine.

FRANK HILL INVESTMENTS,  
Suite 97 F, Bacon Block, Oakland, Calif.

## ANCHOR FIRE INSURANCE CO.

BEST terms for farmers ever offered. Capital  
stock \$100,000.00. Address, J. S. Clark, president,  
Des Moines, Iowa.

**\$91** Per month, expenses advanced. Men  
to travel, collect names, advertise and  
distribute samples. Permanent. Saunders  
Co., Dept. 7, Fifth Ave., Chicago

SKILL tobacco and cigars locally or traveling. Sal  
ary or commission. Full time or side line.  
Steady work, good pay; promotion. Address, Moro-  
tock Tobacco Works, Box N, 98, Danville, Va.

**FOR SALE** First-class up-to-date set of meat mar-  
ket fixtures. Been in use only six  
months. Oak cooler, built like front with French  
mirrors. Address, Box 205, Ottumwa, Iowa.

## The Steele Short-horn Sale.

The sale of Mr. C. R. Steele, at Ireton, Iowa, on March 12th, proved a great drawing card, and not since the days of old have better prices been realized. It was another evidence of good cattle and a liberal amount of printers' ink, and this combination brought the crowd. The two days' sale netted him \$20,140 or an average of \$180 on 112 head. Dora Marr 6th, a Erosky Dorothy, topped the sale at \$525, and was bought by Mr. F. O. Loudon, of Oregon, Ill. The top on bulls was \$350 for Banff 6th, a yearling son of Lord Banff 3d, and was bought by Mr. O. S. Olsen, of Laurens, Iowa. Mr. T. R. Davidson, of Randolph, Neb., bought Prince Victor 258985, a son of Earl Victor and out of a daughter of Fitz Eustace, at \$300. He was one of the best propositions in the sale. Messrs. Carey Bros., of Deuver, Colo., were good buyers, as were also Messrs. Geo. H. White, Emerson, Iowa, and George Allen, Lexington, Neb. Cois. George P. Bellows and Carey M. Jones cried the sale. Below is a report of those bringing \$100 and over:

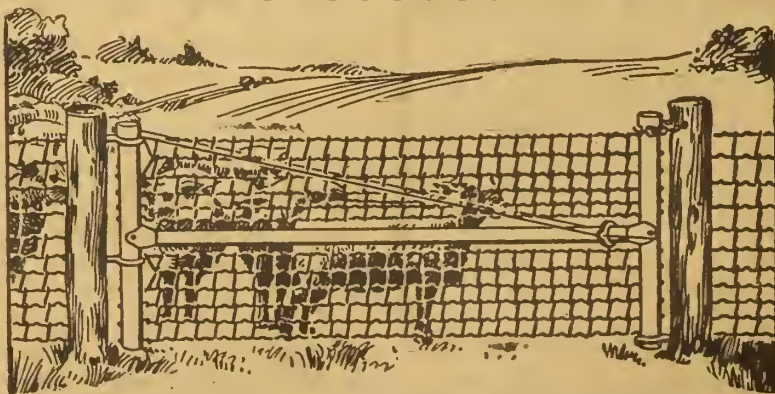
Imp. Coral Countess and c. c., Geo. H. White, Emerson, Iowa	\$385.00
Miss Clarence, two years, H. H. Powell, Linn Grove, Iowa	400.00
Imp. Fortuna 3d, seven years, N. P. Clarke, St. Cloud, Minn.	400.00
Honeysuckle, two years, J. F. Irwin, Ireton, Iowa	235.00
Pleasant View Mysie 10th, five years, W. E. Hall, Merville, Iowa	400.00
Mysie of Ploverdale 6th, two years, Carey Bros., Denver, Colo.	210.00
Orchard Farm Flora 6th, two years, Bigler Bros., Hartwick, Iowa	425.00
Duchess of Gloster 28th, three years, George Allen, Lexington, Neb.	400.00
67th Duchess of Gloster, two years, Carey Bros.	500.00
Sinnissippi Mysie, four years, G. F. Irwin, Ireton, Iowa	225.00
Sinnissippi Mysie 2d, two years, A. D. Henderson, Paullina, Iowa	265.00
Victoria Lady, one year, Carey Bros.	325.00
Lady Archer, two years, Same	200.00
Lady Welden 2d, two years, W. J. McLean, Rock Valley, Iowa	125.00
Orange Lady, two years, George Allen	215.00
Nonpareil Lady, four years, Carey Bros.	300.00
Burnbrae Princess, three years, Same	310.00
Miss Buckingham 2d, two years, Chas. Gilmore, Sioux Rapids, Ia.	430.00
Dora Marr 6th, three years, F. O. Loudon, Oregon, Ill.	525.00
Imp. Queen Elizabeth, seven years, R. S. Miller, Ireton, Iowa	475.00
Auverne Princess Alice, eight years, H. M. Corwin, Rock Valley, Iowa	195.00
Lady Waterloo 2d, two years, Dougherty Bros., Rock Valley, Iowa	160.00
Daisy 2d, one year, George White	250.00
Sadie Lee 2d, three years, Carey Bros.	140.00
Rosy Lee, two years, Same	150.00
Julia 5th, one year, Nicholas Tom, Ashton, Iowa	105.00
Nora 13th, four years, Nicholas Amendt, Peterson, Iowa	140.00
Nora 14th, one year, Carey Bros.	250.00
Mary Maid, one year, H. G. McMillan, Rock Rapids, Iowa	115.00
Isabelleta 2d, one year, Carey Bros.	150.00
Scottish Countess, four years, H. Irwin, Ireton, Iowa	145.00
Almeda Rose 11th, three years, H. G. McMillan	150.00
Cute 3d, one year, George Allen	275.00
Miss Jerod, two years, F. Killings, Brookings, S. D.	130.00
Scottish Jerod, two years, R. H. Miller	145.00
Luella 2d, two years, Carey Bros.	275.00
Nora Daphne, one year, C. M. Gage, Lester, Iowa	130.00
Daphne 5th, three years, P. G. Rice, Le Mars, Iowa	150.00
Hodassa Belle, seven years, W. H. Brown, Peterson, Iowa	135.00
Sioux Airdrie 3d, two years, Ed Stenson, Merrill, Iowa	135.00
Airdrie of Hawarden 3d, two years, Walpole Bros., Rock Valley, Ia.	130.00
Cordelia 2d, two years, H. M. Corwin	125.00
Argona of Hawarden 3d, two years,	

Carey Bros.	100.00
Fancy 12th, two years, Same	160.00
Violet 3d, one year, Wm. Vanderham, Ireton, Iowa	105.00
Violet 2d, three years, Gus & Johnson, Akron, Iowa	120.00
Lady Hobert 3d, seven years, R. S. Miller	115.00
Red Rose of Hawarden, five years, Wm. Hubler, Waukonda, S. D.	150.00
Hawarden Rose 2d, two years, Fred Rilling, Brookings, S. D.	150.00
Lady Enchantress, one year, G. E. Johnson, Hawarden, Iowa	102.50
Rosemary 2d, two years, H. G. Compton, Paullina, Iowa	160.00
Mayflower 3d, one year, Carey Bros.	125.00
Lady May 2d, one year, G. E. Johnson	112.50
Lucille 8th, two years, Carey Bros.	150.00
Mazurka of Hawarden 3d, two years, George Allen	120.00
Miss Mazurka, two years, Carey Bros.	125.00
BeHe of Hawarden 5th, four years, Walpole Bros.	130.00
Belle, two years, Carey Bros.	105.00
Fancy 5th, one year, same	125.00
Sioux Jessie 4th, two years, same	125.00
Betsy Marie 3d, two years, G. Punt, Sioux Center, Iowa	125.00
Queen of Hawarden, two years, Geo. H. White	105.00
Martha Washington 10th, four years, Carey Bros.	190.00
Bettie 2d, ten years, Wm. Huhne, Waukonda, S. D.	300.00
Princess Mayflower 10th, one year, Carey Bros.	125.00
Mary 4th, one year, F. Killings	360.00
Red Rose, eight years, P. S. Miller	105.00
Lady Sharon, one year, Carey Bros.	250.00
Baron's Miss, one year, same	250.00
Ada Marr 12th, three years, same	250.00
Marjorie Daw, three years, H. G. Culp	185.00
Nominee's Fancy Second and c. c., Held Bros., Hinton, Iowa	285.00
BULLS.	
Prince Victor 258985, one year, T. R. Davidson, Randolph, Neb.	300.00
Contessa Lad, one year, Chas. Gilmore, Sioux Rapids, Iowa	300.00
Mysie Lad, one year, C. F. Billings, Brookings, S. D.	330.00
Banff 6th, one year, O. S. Olson, Laurens, Iowa	350.00
Godwin's Lad, one year, R. J. Morehead, Paullina, Iowa	200.00
Victor 4th, one year, M. L. Ruddy, Luverne, Minn.	120.00
Omeme Knight, two years, P. G. Rice, LeMars, Iowa	155.00
Favorite's Lad, one year, H. D. Culp, Paullina, Iowa	130.00
Banff's Duke, one year, Fred Lobbs, Ashton, Iowa	175.00
Magistrate Lad, one year, P. D. Busburg, Grondill, Iowa	170.00
Diamond, ten months, P. Camlin, Carns, Iowa	100.00

## Ben M. Bell's Poland China Sale.

Mr. Ben Bell, of Beattie, Kan., held another successful sale of those big-boned Poland China bred sows on March 16th, selling fifty-three head at an average of \$46.30. These were sows that were bred for late litters, mostly for May and June farrow. No high prices were paid, the top being \$85, paid by Mr. W. E. Long, of Ozawie, Kan., for a fall yearling. Mr. Jno. Warner, of Beattie, Kan., was a heavy buyer, taking several bunches of three at good, round prices, one lot of three going to him at \$50 per head and another at \$60 per head. Mr. C. McCoy, of Beattie, Kan., was also a heavy buyer. Mr. W. A. Prewitt, of Asherville, Kan., bought a bargain or two, as did Mr. A. B. Garrison, of Beattie. Practically everything went to Mr. Bell's neighboring farmers, which shows how his hogs are appreciated by the farmers of one of the greatest hog-producing counties in Kansas. These farmers know the kind Mr. Bell breeds and have confidence in them as money makers for pork purposes, as well as for the breeder. With a top of \$85 and a bottom of \$30 shows the evenness of the offering. Col. T. C. Callahan did effective work on the block. Following is a list of all sales:

	Price.
1. G. W. Smith, Parnell City, Neb.	\$82.50
2. F. M. Jones, Beattie, Kan.	61.00



The farm gate question is of vital interest. Every farm that has only one harvester, rake or planter, often has a dozen gates. The harvester and rake are each used in its season, but the gates are used the whole year round. Most of them are only makeshifts. The fact is, the gate should be carefully made. They should be stronger than any fence, because cattle give them harder use. Good gates are so hard to make from the poor lumber we get these days that it seems iron and steel must be used in the farm gates of the future. What you want on your farm is good gates—gates of which you may be proud. Besides, when your stock gets out and tramples down the corn and growing grain, is the poor gate economy? You pay out hundreds of dollars for machinery because they save you work and trouble. Then why not buy gates that will save you hardship and grief? The Iowa Gate, made by the Iowa Gate Company, Ninth St., Cedar Falls, Iowa, seems to have solved this trouble. It is stated that 50,000 have been put out in the last few years. The users not only find them strong and durable, but light and easy to handle. They are made from special high carbon steel tubing. A twelve-foot gate can easily swing with several men hanging on it. But besides, Iowa gates will swing either way, will raise over uneven or sloping ground. In the winter the entire gate can be raised over any snow. They certainly give a farm a fine appearance, and, being so low in price, we believe it would pay all our readers to write the company for their literature. You take no chance in ordering from the Iowa Gate Company, because they not only guarantee their gates, but guarantee that you will be satisfied with your purchase. Write them for their new twenty-page catalog. Remember their address is Ninth Street, Cedar Falls, Iowa. See their advertisement on page 19 of this issue.

## Porter's "Meadow King" Hay Carrier



Has wide open mouth, with swinging fork pulley. With this Carrier you can fill the mow closer to the roof of barn than with any other Hay Carrier. The throat of the Carrier has a very large opening, which permits the pulley to approach with a swinging load, and the load can swing in either direction when locked in the Carrier.

J. E. Porter Co., - Ottawa, Ill.

## FARMERS AND STOCKMEN

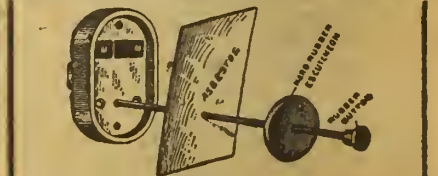
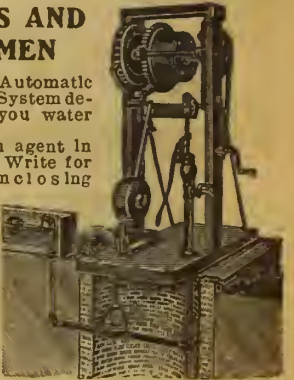
The Myers Automatic Water Supply System designed to give you water at all times.

We want an agent in each County. Write for information, enclosing Postage for reply. Address,

Myers Pump & Mfg. Co.,

Beals Bldg. 9th & Wyandotte, Kansas City, Mo.

What town wants our Factory?



The want of the telephone user is met in the J. W. Pedigo Arrestor or Disconnecter. Write to the inventor today and get his circulars and prices.

J. W. PEDIGO, Lucas, Iowa.

## FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE, Blandinsville, Illinois

3. W. A. Prewitt, Asherville, Kan.	62.50
4. F. M. Jones, Beattie, Kan.	51.00
5. Frank Lann, Axtell, Kan.	58.00
6. A. B. Garrison, Beattie, Kan.	50.00
7. James Rush, Axtell, Kan.	50.00
8. J. Warner, Axtell, Kan.	55.00
9. D. L. Conger, Beattie, Kan.	42.50
10. C. M. McCoy, Beattie, Kan.	34.00
11. J. S. Warner, Axtell, Kan.	34.00
12. Paul Deemer, Herndon, Kan.	35.00
13. Thompson Bros., Maryville, Kan.	53.00
14. C. McCoy	34.00
15. D. W. Conger, Beattie, Kan.	50.00
16. D. P. Oniel, Beattie, Kan.	52.00
17. P. D. Pearl, Marysville, Kan.	37.50
18. C. McCoy	30.00
19. John Warner, Beattie, Kan.	49.00
20. Will Potter, Beattie, Kan.	60.00
21. F. Lann	39.00
22. Carson Smith, Beattie, Kan.	32.00
23. Will Potter	35.00
24. C. McCoy	42.00
25. D. P. Oniel	34.00
26. John Warner	30.00
27. P. D. Pearl	37.50
28. John Warner	36.00
29. L. E. Busenburg, Beattie, Kan.	36.00
30. John Warner	60.00
31. F. M. Jones	35.00
32. J. Warner	36.00
33. Same	36.00
34. Same	50.00
35. Will Potter	35.00
36. Carson Smith	32.00
37. W. A. Prewitt	48.00
38. P. D. Pearl	50.00
39. Ed Vaughn, Beattie, Kan.	53.00
40. Carson Smith	32.00
41. John Warner	45.00
42. Same	50.00
43. Dr. Honn, Beattie, Kan.	67.50
44. Jno. Warner	30.00
45. W. E. Long, Ozawie, Kan.	85.00
46. D. Z. Warner, Beattie, Kan.	58.00
47. Same	38.00
48. Dr. Honn	60.00

## The Omaha Angus Sale.

The sale of Aberdeen Angus cattle held at Omaha, Neb., on March 12th and 13th, under the management of Mr. Hal T. Hooker, of Maryville, Mo., was not largely attended and many good bargains were picked up. The top of the sale was \$500, paid by Mr. Charles Smith, of Edholm, Neb., for Lot 1, Blackbird Benton, the three-year-old show bull consigned by Messrs. C. D. Hooker & Son, of Maryville, Mo. Mr. Smith



# PILES

## FISTULA--NO MONEY TILL CURED

C. B. Hawkins, Dry Goods Merchant, Canton, Mo., writes: "March 15, 1902. With the utmost pleasure I take of your cure for Fistula and Piles. I am cured, well and sound. During my two weeks' stay there I was treated with such courtesy and kindness by yourself and assistants I shall always maintain the highest regard for each one of you." All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.  
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed .....  
Town..... State.....

secured a great bargain in this bull, as he has proven an unusually good breeding bull. The top female of the offering also came from Messrs. Hooker & Son's herd and was Lot 2, Blackbird of Cherokee 19, that sold for \$185, going to Messrs. Christian & Lang, of York, Neb. Several buyers took from three to a car load, Mr. Charles Smith being the heaviest buyer. Some very thin cattle were offered, and these sold low. The consignors to the sale were Parish & Miller, Hudson, Kan.; Oliver Hammers, Maivern, Iowa; Wheatley & Ward, King City, Mo.; C. D. Hooker & Son, Maryville, Mo.; Davis Bros., Maryville, Mo.; N. M. Pettit, Overton, Neb.; R. L. Milton, Stafford, Kan.; J. B. Robinson & Co., Maryville, Mo.; J. H. Mayne, Council Bluffs, Iowa. Colonels Woods, Igo and Harding conducted the sale in a very satisfactory manner. Following is a list of all sales over \$100:

### HOOKER & SON'S CONSIGNMENT.

Lot.	BULLS.	Price.
1	Blackbird Benton, Chas. Smith, Edholm, Neb. ....	\$500.00
13	South Oaks Nunan .....	115.00

Lot.	COWS.	Price.
2	Blackbird of Cherokee 19, Christian & Lang, York, Neb. ....	185.00
5	Maplelawn Abbey, Wheatley & Ward, King City, Mo. ....	100.00
7	Nosegay Maid 2d, Chas. Smith. ....	122.50
9	Coquette McHenry 28th, E. J. Haskins & Son, Harlan, Iowa. ....	100.00

### OLIVER HAMMERS' CONSIGNMENT.

Lot.	BULLS.	Price.
15	Quintis of Maple Grove, Geo. Knox, Kent, Iowa .....	110.00

Lot.	COWS.	Price.
22	Jean 3d of Mt. Vernon, C. E. Christian, Craig, Neb. ....	100.00
30	Black Deacon 2d, C. Scheilenberg, Hooper, Neb. ....	140.00

### DAVIS BROS.' CONSIGNMENT.

Lot.	BULLS.	Price.
31	Heather Eraste, D. R. Minick, Dedham, Iowa .....	100.00
33	Mulben Kid, O. E. Briney, Lindsay, Neb. ....	105.00

### ROBINSON & CHAPPEL'S CONSIGNMENT.

Lot.	COWS.	Price.
47	Dolly Grey 2d, J. A. Melcher, Shenandoah, Iowa .....	145.00
50	Home Dale Laura, O. E. Briney, Wheatley & Ward's CONSIGNMENT. ....	100.00

### WHEATLEY & WARD'S CONSIGNMENT.

Lot.	COWS.	Price.
57	Low Rock Leo 2d, J. M. Hathaway, Turon, Iowa .....	100.00
60	Gem of King City, C. Cranbeck, Marne, Iowa .....	170.00

### SUMMARY.

33 bulls .....	\$2,984.00; average..	\$90.46
60 cows .....	4,354.50; average..	71.74
93 head .....	7,338.50; average..	78.90

### The W. D. Pittman Sale.

The Duroc Jersey and Shire horse sale of Mr. W. D. Pittman attracted buyers to Lake City, Iowa, on February 26th. In fact the seventy-five-foot tent was full and a splendid sale was made. The hogs averaged \$56.74 and the horses also sold well. Below is a report of the sale:

#### HOGS.

Lot.	Price.
5. Wm. Guida, Osgood, Iowa. ....	\$ 45.00
15. F. E. Garrett, Lohrville, Ia. ....	105.00
16. Geo. A. Bair, Rutland, Iowa. ....	56.00
14. J. B. Clark, Lohrville, Iowa. ....	51.00
13. C. L. Burley, Lake City, Iowa. ....	43.00
17. F. E. Garrett, Lohrville, Iowa. ....	56.00
18. Same .....	95.00
19. Albert Bell, Lake City, Iowa. ....	32.00
16. N. J. Wilkins, Lake City, Iowa. ....	77.00
2. J. W. Pittman, Lohrville, Iowa. ....	115.00
21. W. E. Eakin, Lake City, Iowa. ....	57.50
22. Jno. Wingersen, Lake City, Ia. ....	50.00
23. Same .....	65.00
24. W. H. Hudson, Lohrville, Iowa. ....	50.00
25. Howard Lohr, Lohrville, Iowa. ....	52.50
4. H. D. Yetter, Yetter, Iowa. ....	72.50
3. W. G. Pierce, Lake City, Iowa. ....	45.00
15 1/2. Same .....	38.00
12 1/2. J. N. Nichols .....	43.00
9. J. F. Reynolds, Lake City, Iowa. ....	49.00
7. Wm. Guida, Emmetsburg, Ia. ....	52.00
10. W. E. Eakin .....	50.00
11. O. Sandburg, Lake City, Iowa. ....	45.00
12. C. C. Miles, Lake City, Iowa. ....	40.00
8. John Thompson, Lake City, Ia. ....	53.00
6. A. L. Mossman, Radcliffe, Iowa. ....	50.00
26. E. Martin, Lake City, Iowa. ....	31.00
27. Ed Moriarity, Rockwell City, Ia. ....	31.00
28. Same .....	38.00
29. Sam Jones, Lohrville, Iowa. ....	60.00
30. E. C. Schreiber, Glidden, Iowa. ....	50.00
31. John Thompson .....	51.00
32. Ed Moriarity .....	51.00
20. D. J. Wright, Lake City, Iowa. ....	30.00
33. Ed Moriarity .....	40.00
34. R. W. Breary, Lake City, Iowa. ....	44.00
Bull calf, Frank Hulser, Lake City. ....	43.50
Bull, G. C. Bieser, Lake City. ....	44.00

#### HORSES.

Grade stallion, M. B. Peebles, Lake City, Iowa .....	225.00
Mahomet Reno, Geo. Stout, Lake City, Iowa .....	450.00
Sorrel mare, G. Shade, Ida Grove, Ia. ....	245.00
Pair brown mares, J. J. Coady, Lake City, Iowa .....	545.00
Black mare, E. A. Lambert, Plainfield, Ill. ....	200.00
Black team, S. M. McCrary, Glidden, Iowa .....	425.00
Brown mare, spot in forehead, Gus Brugger, Yetter, Iowa. ....	240.00
Mare Bess, J. F. Beckendorf, Lake City, Iowa .....	155.00
Pair bay mares, nine and ten years, D. Sargent, Lake City, Iowa. ....	400.00
Pair bay geldings, A. M. Seymour, Lake City, Iowa .....	320.00
Bay express driver, five years, W. T. Thompson, Rockwell City, Iowa. ....	175.00
Pair bay drivers, W. G. Pierce, Lake City, Iowa .....	365.00

Bay driver, Chas. Crockett, Lake City, Iowa .....	100.00
Bay horse, J. J. Coady .....	135.00
Lakewood drivers, W. G. Baird, Carroll, Iowa .....	227.50
Sorrel horse, W. D. Pittman, Lake City, Iowa .....	200.00
Black yearling, J. W. Brayton, Rockwell City, Iowa. ....	115.00
Fuller team, W. C. Orris, Lake City, Iowa .....	162.50
Black mare, two years, A. D. Yates, Lake City, Iowa .....	114.00
Brown mare, J. N. Nichols, Lake City, Iowa .....	31.00
Gray mare, H. H. Cain, Lohrville, Ia. ....	197.50

### The Henry Bros.' Sale.

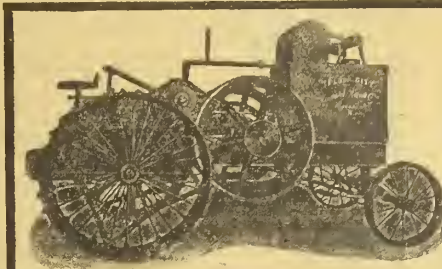
The recent sale of Poland China sows made by Messrs. Henry Bros., of Le Mars, Iowa, was well attended and a good average of \$44 was made. Fifty head were disposed of at very satisfactory prices. Below is a list of those selling for \$40 and over:

Lot.	Price.
1. Correctress by Corrector 2d, dam Priscilla by Mischief Maker, topped the sale, going to Jno. Heeron, Carroll, Neb. ....	\$78.00
2. Same .....	60.00
3. A. J. Bower, Morning Side, Iowa. ....	75.00
4. Jno. Heeron .....	68.00
5. Geo. Aai, Lawton, Iowa. ....	45.00
6. J. E. Story, Hanover, Iowa. ....	68.00
7. C. R. Steel, Ireton, Iowa. ....	41.00
8. Anton Waly, Hartington, Neb. ....	50.00
9. Andrew Kloster, Le Mars, Iowa. ....	46.00
10. Haahi Bros., Le Mars, Iowa. ....	52.00
12. A. A. Bley, Madison, Neb. ....	76.00
13. Wm. Fasburt, Alton, Iowa. ....	50.00
14. Snider Bros., Le Mars, Iowa. ....	46.00
15. C. R. Steel .....	40.00
16. Q. Irwin, Ireton, Iowa. ....	63.00
17. Jno. Smieder, Remsen, Iowa. ....	42.00
20. R. H. Perry, Carroll, Neb. ....	73.00
21. Jno. Heeron .....	42.00
26. Wm. Linsey, Merrill, Iowa. ....	40.00
29. P. Leebouts, Alton, Iowa. ....	48.00
39. C. R. Steel .....	55.00
40. C. H. Runger, Sheldon, Iowa. ....	40.00
45. Chris Grotewell, Larchwood, Ia. ....	51.00
48. Jno. Heeron .....	45.00
49. C. H. Runger .....	45.00

Many of the sows were bred late or the average would have been much better.

### OKLAHOMA LANDS \$15 TO \$40 PER ACRE.

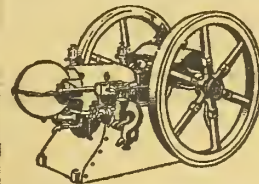
Mr. A. J. Waidock, of the firm of A. J. Waidock & Co., of Oklahoma City, Okla., a practical farmer and real estate dealer, in starting his advertisement in this issue states that he has several good farms for sale that would make more money for you than the best lands in Iowa, Missouri and Nebraska. At present he is personally farming 1,500 acres of land near Tuttle in the Chickasaw Nation with excellent results. This land produced for him last year as high as eighty bushels of corn, ninety-seven bushels oats and sixty-seven bushels of barley to the acre, and at present he is preparing ground for the sowing of 400 acres of alfalfa, which



## The Flour City

### Gasoline Engines A Full and Complete Line

The Latest Improved Traction.  
If interested send for Catalog  
and Book of Testimonials...  
**KINNARD-HAINES CO.**  
Minneapolis, Minn.



## Lightning Gasoline Engine

STATIONARY AND PORTABLE 2 TO 25 H. P.  
NEW PLAN FOR COOLING CYLINDER.  
REDUCES WATER TANK TO A FEW GALLONS.  
SEND FOR CATALOG. \* SPECIAL FARM ENGINES.  
**ECLIPSE HAY PRESS CO., 621 Mill St., Kansas City, Mo.**

## HIGH GRADE LIGHTNING ROD

Made of pure Lake Superior Copper having the greatest conductivity.  
**ABSOLUTELY SAFE. :: :: SATISFACTION GUARANTEED.**  
A trial will convince. Our prices are right.  
**Electric Lightning Rod Co., Market & Vernon Sts., Cresco, Iowa.**

is grown in that section in abundance. There is no state in the union which affords the farmer better investment for his money than the new state. Mr. Waldeck will take pleasure in showing you the farm which has produced for him such remarkable acreage as shown above and he has similar lands for sale which are just as productive as this one. The prices range from \$15 to \$40 per acre. It will pay you to look up his advertisement in this issue on page 27 and he will be pleased to send you map and any information you desire. The better way is for you to go and see for yourself or write him today. Kindly mention this paper when writing.

### OUR NEW STATE.

#### Fascinating Facts For Farmers.

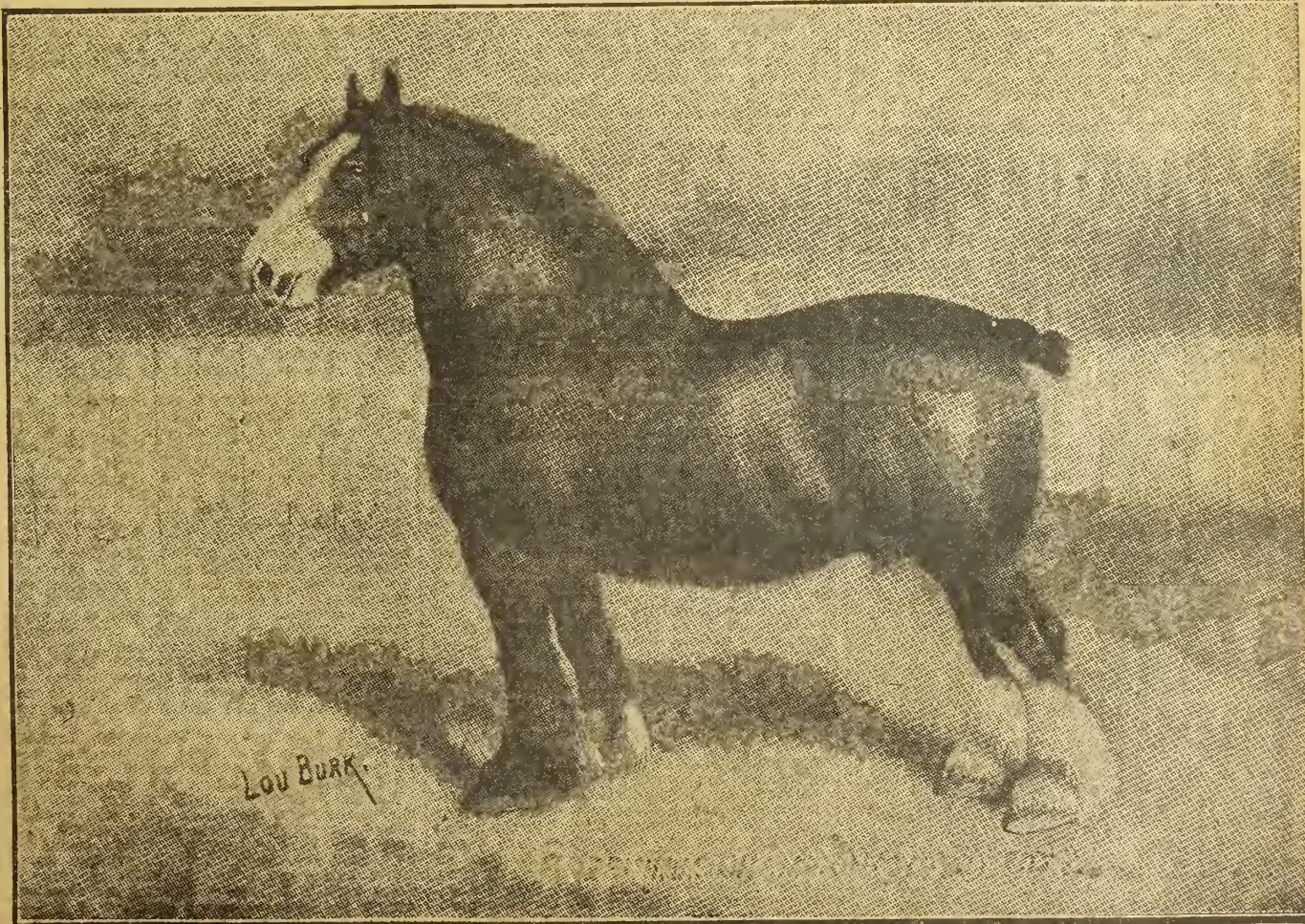
In the transition from federal rule to state government, the Indian Territory joins the sisterhood of commonwealths possessing the advantages that no other territory upon its entrance into the Union, ever offered the settler. Rich agricultural lands, a mild climate, plentiful rain fall, a net-work of railway, gold, silver and lead; biggest oil fields in the Union. Our entire surface is underlaid with a fine strata of coal. What else could a homeseeker want?

The Weekly New-State Tribune tells you

all about it at \$1 per year. Send twenty-five cents in stamps for sample copy and county map of the new state of Oklahoma. Address New-State Tribune, Muskogee, Ind. Ter., Dept. 12.

### HOMES IN THE NORTHWEST.

Why not settle on the government land, or low-price farm lands that are improved, in South Dakota; thus staying near at hand instead of journeying to a distant region where the climatic conditions and social surroundings are widely different? Special low rates are in effect the first and third Tuesdays of each month to all South Dakota stations on the North-Western Line. It will pay you to investigate. New lines are opening up extensive territory to development, creating the chance of a lifetime. Ask your ticket agent to give you full particulars, with maps, pamphlets, and complete information regarding railroads rates and the steps necessary to secure government land free.



Imported Shire stallion owned by Trumans' Pioneer Stud Farm, Bushnell, Ill., and Kansas City, Mo. The entire lot of stallions to be sold at auction on Wednesday, March 27th, have been imported by Messrs. Truman and are worthy representatives of the stallions to be found in their barns at either Bushnell, Ill., or Kansas City, Mo.



## Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND  
HEREFORDS.

May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

March 27, J. H. Eno, Havelock, Iowa.  
April 3, T. A. Stevenson and S. G. Smith, Shannon City, Iowa.  
May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

Mar. 27, N. P. Clarke, St. Cloud, Minn., at South Omaha, Neb.  
Mar. 28, A. H. Brett, Mason City, Iowa.  
April 2, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.  
April 10, F. W. Harding, Waukesha, Wis.  
April 11, Combination Sale at Nevada, Iowa; E. R. Silliman, Mgr., Colo, Iowa.  
April 12, R. A. Coffey, Mgr., Savannah, Mo.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
April 30, M. T. Conner, Auburn, Neb; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
May 8, A. Chrystal, Marshall, Mich.  
May 22, R. H. Hadley, New Providence, Ia.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 1, A. B. Clark, Wayne, Neb.  
June 4, Milton E. Jones, Williamsburg, Ill.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, N. P. Halgren, Vinton, Iowa.  
Oct. 16, L. B. Converse, Maryville, Mo.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## HEREFORDS.

April 3, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.  
April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, April 4, Geo. J. Anstey, South Omaha, Neb.  
April 4, W. G. Swinney, Bois D'Arc, Mo.  
May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
June 18, Hood & Baker, Dunlap, Iowa.

## DUROCS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.

## POLAND CHINAS.

Nov. 6, W. J. Crow, Webb, Iowa.

## PERCHERONS.

April 2, Jas. A. & S. E. Niblo, Milan, Mo.

## PERCHERONS AND CLYDESDALES.

Mar. 28, A. H. Brett, Mason City, Iowa.  
SHIRE AND PERCHERON STALLIONS.  
March 27, Trumans' Pioneer Stud Farm, Bushnell, Ill., at Kansas City, Mo.

## FIELD NOTES.

A few choice Junior Jim gilts are offered for sale by Mr. Austin Renshaw, of Blair, Neb.

Extra choice young Scotch bulls are offered for sale by Mr. C. C. Norton, of Corn- ing, Iowa. Some of these are fit to head any herd in the land.

A first-class, up-to-date set of meat market fixtures that have been in use only a short time, are offered for sale in the advertisement on page 28, the address of which is Box 205, Ottumwa, Iowa.

Mr. A. A. Rogers, of Inwood, Iowa, is offering to sell a good young Scotch bull called Morning Glen by Morning Joy. Mr. Rogers says this youngster is all right in every way, has a good head and a nice horn and is one of those mellow fellows. Anyone wanting a good young Short-horn bull at a



O. L. Chase  
St. Louis, Mo.

# I Am the Paint Man

## 2 Full Gallons Free to Try—6 Months Time to Pay

### I Guarantee Freight Charges.

I AM the paint man. I have a new way of manufacturing and selling paints. It's unique—it's better. It revolutionized the paint business of this country last year.

Before my plan was invented paint was sold in two ways—either ready-mixed or the ingredients were bought and mixed by the painter. Ready-mixed paint settles on the shelves, forming a sediment at the bottom of the can. The chemical action in ready-mixed paint, when standing in oil, eats the life out of the oil. The oil is the very life of all paints.

Paint made by the painter cannot be properly made on account of lack of the heavy mixing machine.

My paint is unlike any other paint in the world. It is ready to use, but not ready-mixed.

My paint is made to order after each order is received, packed in hermetically sealed cans with the very day it is made stamped on each can by my factory inspector.

I ship my thick pigment, which is double strength, freshly ground, in separate cans, and in another can, I ship the pure, old process Linseed Oil—the kind you used to buy years ago. Any child can stir them together.

I sell my paint direct from my factory to user—you pay no dealer or middleman profits.

### My \$100.00 Cash Guarantee

I guarantee, under \$100 Cash Forfeit, that the paint I am offering you does not contain water, benzine, whitening, or barytes—and that my Oil is pure, old-fashioned linseed oil and contains absolutely no foreign substance whatever.

I guarantee the freight on six gallons or over. My paint is so good that I make this wonderfully fair test offer:

When you receive your shipment of paint, you can use two full gallons—that will cover 600 square feet of wall—two coats.

If, after you have used that much of my paint, you are not perfectly satisfied with it in

every detail, you can return the remainder of your order and the two gallons will not cost you one penny.

No other paint manufacturer ever made such a liberal offer.

It is because I manufacture the finest paint, put up in the best way, that I can make this offer.

I go even further. I sell all of my paint on six months' time, if desired.

This gives you an opportunity to paint your buildings when they need it, and pay for the paint at your convenience.

Back of my paint stands my Eight-Year officially signed, iron-clad Guarantee.

For further particulars regarding my plan of selling, and complete color card of all colors, send a postal to O. L. Chase, St. Louis, Mo. I will send my paint book—the most complete book of its kind ever published—absolutely free. Also my instruction book entitled "This Little Book Tells How to Paint" and copy of my 8-year guarantee.

**O. L. CHASE, The Paint Man.**  
Dept. 27 St. Louis, Mo.

**NOTE—My 8 Year Guarantee Backed by \$50,000 Bond.**

reasonable price should write Mr. Rogers at once.

Messrs. C. W. Daws & Son, of Harlan, Iowa, are offering four good young Scotch bulls for sale. They also have a few other good young bulls which they are pricing very reasonable. Write them or go and see these bulls.

Mr. A. B. Clark, of Wayne, Neb., will make a public sale of Short-horn cattle at that place on June 1, at which time he will sell a lot of good females and a good bunch of bulls. We will call our readers' attention to what Mr. Clark will sell in due time.

Messrs. Hart Bros., of Osceola, Iowa, importers and breeders of draft stallions and mares, in remitting for advertising already done, say: "We have had a good sale this winter and our third importation is now in our barns and are all in good condition." See their advertisement on page 38 of this issue.

Mr. L. R. Kune, of Adrian, Mich., has Jersey bulls, cows and heifers for sale as per advertisement found on page 36. Mr. Kune's herd has been established from the best blood and contains many of the best individuals. Visitors are always welcome and correspondence in regard to his stock is solicited.

Mr. A. R. Campbell, of Independence, Iowa, has forty yearling Hereford bulls, also cows and heifers. These must be sold to make room. Mr. Campbell states in his advertisement on page 36 that there are no better at any price and that he can give Homestead readers bargains. He also has a young Percheron stallion for sale.

Messrs. P. S. & S. Barr, of Davenport, Iowa, have a change of advertisement on page 36. They offer a few good Shorthorn and Polled Durham bulls and heifers for sale; also one good Poland China boar, eleven months old, in good breeding shape. They report a good trade in both cattle and hogs this season.

Mr. G. M. Scott, of Rea, Mo., has twenty-five black jacks, ranging in age from one to six years, that he is offering for sale in his advertisement on page 35 of this issue. Mr. Scott makes the announcement that the jacks are as good as are bred and that he makes a specialty of breeding for size, head, ears, bone, feet and constitution. Write him or visit him and inspect his stock.

Messrs. J. Crouch & Son, proprietors of the Lafayette Stock Farm, of Lafayette, Ind., writing under recent date, say: "We had a large importation of Belgian and Percheron stallions and Belgian and Percheron mares arrive March 18th. We now have over 200 head of high-class stallions and mares in our barns and can suit anyone in need of stallions or full-blooded imported mares of any of the above breeds." Their advertisement appears on page 40.

Messrs. J. L. Slick & Son, of Lanark, Ill., have for sale two excellent Percheron stallions that are right in every way. One is a three-year-old, black, and the other is coming three and is a beautiful gray in color. These gentlemen are engaged in the breeding of Percherons and are pricing these stallions right. If any of the readers of The Homestead want a good stallion ready for service, they should write these gentlemen at once for prices and description, kindly mentioning The Homestead.

Messrs. Taylor & Jones, of Williamsburg, Ill., write us regarding their late sales as follows: "Our new importation of stallions reached our barns Saturday, March 9th, safe and sound and each horse is on his feed and ready for sale. This importation is by all odds the best lot we ever imported. We have recently sold to Mr. N. M. Stoner, of Mt. Comfort, Ind., an extra good two-year-old imported Shire stallion. Mr. John Braucht, of Aledo, Ill., buys one of our best American-bred two-year-old Percherons. Mr. Louis Long, of Cowden, Ill., bought a very fine three-year-old imported Shire stallion, and Mr. M. C. Pantlen, of Stanford, Ill., gets an American-bred Percheron that will be a credit to him and his people. Messrs. Wilson & Wheligan, of Regina, Canada, get a fine American-bred Shire stallion. Mr. James Auld, of Wakefield, Kan., after visiting leading importers, bought the best coming three-year-old imported Percheron stallion we ever owned. Not only was this horse the best Mr. Auld could find, but the price was below what the crack show men asked for such a horse. Dr. W. C. McMackin, of Raleigh, N. C., gets an exceptionally fine imported Hackney stallion. Dr. Tait Butler, state veterinarian, Raleigh, N. C., purchased one of our very best American-bred two-year-old Percheron stallions and a three-year-old Percheron mare for the agricultural college of that state. Dr. Butler knows a horse when he sees him and is awake to the class of horses to breed. Mr. John M.

Anthony, of Pleasant Plains, Ill., buys one of our best imported Percheron stallions."

Mr. N. A. Lind, of Rolfe, Iowa, is offering some splendid young Short-horn bulls for sale.

Messrs. James Wilson & Sons, of Avoca, Iowa, well-known Polled Durham breeders, write as follows: "We have had a good demand for Polled Durham bulls, and have a few nice ones now on hand. We have just sold a very fine bull to Mr. W. H. Bullinger, of Carroll, Neb. His sire is Marshal of Orange and his dam is Moss Rose of Elm Grove. We will make a public sale of one, two and three-year-old heifers on October 30th, at which time we will sell some of the best Polled Durham heifers ever sold at public sale." Anyone wanting a young Polled Durham bull should write Messrs. Wilson & Sons at once. They will treat you right.

Messrs. Manley & Co., of Lyons, Neb., write as follows: "We now have an extra good lot of fall boars for sale sired by Proud Advance and Junior Jim, and out of Orion and Dandelion dams. This is the same combination in blood lines that has produced the great sow, Alix II., that is the highest-priced Duroc Jersey sow in the world, and Proud Lady, that has been one of the best money makers of the breed. These pigs are growthy and have good length and plenty of bone. These are fit to head good herds and we are pricing them right. There is as much prospect for these as there was in Alix and Proud Lady at the same age. Tell Homestead readers to write us about these at once."

Messrs. Manwaring Bros., of Lawrence, Kan., breeders of Berkshire swine, in remitting for advertising, write: "Our hogs are doing well and pigs are commencing to arrive. Our recent sales are fifteen head of gilts and boars to Mr. C. E. Sutton, of Lawrence, Kan.; three gilts to Mr. John R. Hodel, of Savannah, Mo.; one boar to Mr. Allen Kratz, of Michigan Valley, Kan.; three gilts to Mr. Wm. McConnell, Linwood, Kan.; one gilt to Messrs. Raymond Bros., Lawrence, Kan. We purchased a fine young sow at the Harris & King sale, sired by Lord Lee and bred to the \$1,000 boar, Baron Duke 92d. We are looking for a good pig crop this spring. Have a few pigs of November and December farrow for sale."

We have just seen the following testimonial which we print, as it may be of interest to some of our readers. The firm manufacturing this remedy is the Agricultural Remedy Company, of Topeka, Kan.: "Agricultural Remedy Co., Topeka, Kan. Gentlemen:—In regard to your inquiry concerning the package of Anti-Scour I purchased of you I desire to say that I have not had an opportunity to use it on my pigs, but did use it on some calves that were scouring and one of them died before I got to use it, but on the others two doses cured them sound and well. If my pigs are troubled at any time I shall not hesitate to use Anti-Scour and shall always have it on hand and recommend it. W. A. Hoy, Auburn, Kan." See advertisement on page 17.

Mr. W. C. McGavock, of Springfield, Ill., writes: "Preferring to give all my attention to one good auction rather than to divide it on two, I have abandoned the sale at Kansas City, April 3d to 5th, and will make an unusual effort on the great event that will be brought off at South Omaha, May 1st to 3d. Omaha is, just now in my opinion, the best sale place in America for pure-bred cattle of the best breeds. I have secured the services of Colonels Woods and Bellows as auctioneers, and as the sale will be thoroughly advertised and promoted, the success of it is assured. The quality of the cattle consigned is absolutely good, and more entries of the same character are solicited. Aberdeen Angus, Short-horns and Herefords will be sold in the order named, and as it is the last auction of the season to occur at South Omaha, breeders will do well to remember the fact and send me their entries."

Mr. F. A. Murray, of Mazon, Ill., breeder of Polled Durham cattle, in ordering the re-insertion of his advertisement, which will be found on page 38 of this issue, writes: "We have passed a mild winter and yet spring time and the green grass will be well-comed, as rough feed is getting scarce and very high in this locality. There seems to be a good demand for Polled Durhams, especially bulls, and after the bulls are placed there usually follows a demand for females. Among recent sales were a good cow, a three-year-old heifer and a yearling bull to Mr. Ed Elchhorn, of Elchhorn Bros., West Point, Iowa. Mr. Elchhorn was looking for something good and was not long in picking them out after visiting other herds and making his second trip to our farm. They brought good



### EXACT WEIGHT

Everybody gets it always who uses the ball-bearing, perfect balancing

### Howe Standard Scales

You are buying once for all. Why get an inferior or unknown scale? The Howe is in use everywhere—costs no more than ordinary scales. Write for particulars.

**HOWE SCALE CO., OF ILL.**  
50-52 Lake Street, Chicago, Ill.



### BEST MADE

**STRONG AND HEAVY**  
23 wires and 6 in. stay

### LAWN FENCES & GATES

Automatic Farm Gates  
Write today. Don't delay

**Musgrave Fence Co.**  
Des Moines, Ia.

### EVERGREENS

Nursery grown, hardy everywhere. All sizes for all purposes, lowest prices. 50 bargain lots, first class, prepaid \$1 to \$10 per 100. Also Nursery grown Forest Trees.  
**FREE!—One beautiful Black Hill Spruce to every customer.** Send for free Cat. and Bargain Sheet.  
**D. Hill, Evergreen Specialist**  
Box 51, Dundee, Ill.

prices, but will prove a good investment in their hands, as they seem to be practical cattle men. I still have a few hulls and several females to spare and will make bargain prices on them, to make pasture room, if taken soon."

Mr. A. O. Stanley, of Sheridan, Iowa, breeder of Short-horn cattle, writes: "I wish to report that the Short-horn bulls consigned by me to the Sioux City combination sale, March 8th, were fairly well appreciated by the breeders present. Scottish Banker, sixteen months, went to Mr. J. L. Ruby, of Beresford, South Dakota, at the top price of the sale, \$225; Belmont 3d, twenty months, to Mr. J. R. Porter, of Carroll, Neb., at \$175, and was surely a bargain; Redmont went to Messrs. Schwab & Osborn, of Danbury, Iowa, at \$215. They were the three top in the sale and all sired by Rosemont 182902 and out of dams by Valley Knight and were a wonderful even, thick-fleshed lot. The fine Hereford hull, Vulcan, consigned by Mr. Jesse Engle, of this place, a son of Imp. Ross, was the top of the entire three days' sale, going to Mr. W. W. Clark, of Yetter, Iowa, for \$260. He would have been an attraction in any sale and will surely do his buyer lots of good." See advertisement on page 34.

A few very good Poland China sows bred for March, April and May farrow are offered for sale on page 38 of this issue by Messrs. J. L. Slick & Son, of Lanark, Ill., and will be priced worth the money. There is not as much danger in buying a sow well along with pig and having her shipped as there is buying a sow just bred, so that any of our readers who want pigs to farrow the last of this month or the very first days of April will do well to write these gentlemen at once. Their herd represents the best blood of the Poland China breed, and Messrs. Slick have for many years been supplying many of the readers of this paper with Poland Chinas, and have yet to receive the first complaint. Satisfaction is guaranteed and we take pleasure in recommending this firm and their stock to the readers of The Homestead. Write them at once if needing bred sows. A few late fall boar pigs are also offered for sale. They weigh from sixty to 200 pounds and are sired by Prince Charming, one of the best sons of the champion boar at the Iowa State Fair, Prince Alert, others sired by Challenger, a full brother to many of the winners at the leading shows. These boars can be shipped at once and the express charges be very small, and the boar grown along until fall. There are a number of show prospects in this bunch of boars.

## SEPARATOR FREE

FOR A 1975 TWO MONTHS' TRIAL



WE WILL GLADLY SEND YOU A CREAM SEPARATOR; you can use it sixty days, and if you are not sure you have received the best separator in the world, the trial won't cost you one cent. Write for our new Cream Separator Catalogue and learn of THIS GREAT OFFER. \$19.75 buys our wonderful 1907 model Dundee Cream Separator, the equal of any machine sold by anyone else up to \$40.00. Our Improved Economy Cream Separator, slightly higher in price than our Dundee, is guaranteed the best separator made, regardless of name or price, and is sold at a small part of the price others ask for high grade separators; and we guarantee our Economy to have greater capacity, to skim closer, skim cold milk, run easier and not get out of order, wear longer than any other machine in the market. We guarantee it 20 years, take care of it for you from the day you receive it, and will always furnish you any needed repair or part in the years to come, promptly and on a few days' notice.

**PRICES NOW GREATLY REDUCED.** OUR CREAM SEPARATOR OFFERS are more liberal, more wonderful than ever before, greatly improved models, prices lower than last season. If you have more than one cow, write us a letter or a Catalogue and all your new offers, and our great 1907 cream separator proposition will go to you by return mail, free and postpaid. We have two big cream separator factories and can sell you a machine on a two months' free trial, on manufacturing cost basis, much less than dealers and agents pay (all these profits you save), at a lower price than you ever thought possible. If you buy from us you get our free Profit Sharing Certificates and can exchange them for your choice of any number of most valuable articles, which we give our customers free. Write for catalogue today. Address: **SEARS ROEBUCK & CO., CHICAGO**



Write for prices and other information to the above named gentlemen as announced in their advertisement on page 38 of this issue.

Mr. Aubrey Smith, of Keosauqua, Iowa, has 300 head of native steers weighing 950 pounds, which he wishes to sell by April 1st. For a quick sale he will give the buyer a bargain. See advertisement on page 32.

Clover and timothy seed grown in Polk county, Iowa, which has been re-cleaned, is offered for sale in the advertisement of Messrs. McKee-Craig Company, of Mitchellville, Iowa, which appears on page 26 of this issue.

Messrs. Judy & De Lashmutt are offering a registered Percheron stallion for sale on page 32 of this issue. They write that this animal is a good, heavy-boned horse, a good breeder, has lots of quality and if not sold before April 10th, will be used by themselves this season.

Mr. A. F. Hager, of Avoca, Iowa, has some choice young Hereford bulls ranging in age from eleven to twenty-four months that are well bred and good individuals, which he is offering for sale in his advertisement on page 32 of this issue. He also has for sale the imported bull, Islam 145736.

Those who expect to rod any of their farm buildings will find the Sweeney Grub Company, of Cresco, Iowa, ready to submit them a good proposition. They guarantee their work and put up only a first-class article. Write for particulars to this firm or see their advertisement on page 29. Please mention The Homestead when writing.

#### YOUNG CLYDESDALE STALLIONS FOR SALE.

Anyone in the market for young Clydesdale stallions should get in connection with Mr. A. Bailey, of Anita, Iowa. One of the stallions is a two-year-old and the other two are three years this spring. Their breeding is given on page 38. Mention The Homestead.

#### A GOOD SHORT-HORN BULL FOR SALE.

Anyone wanting an extra good young Short-horn bull should write to Mr. C. R. Warren, of Glenwood, Iowa. He offers to sell Banner's Victor 242584, the second-prize yearling bull at the Iowa State Fair. He is a roan, just past two years old, an extra individual and a bargain. Write Mr. Warren or go and see this young bull.

#### BANNER'S VICTOR 242584 FOR SALE.

A splendid two-year-old Short-horn bull is offered for sale by Mr. C. R. Warren, of Glenwood, Iowa. He is the second-prize yearling bull at the Iowa State Fair in 1906, is a roan in color, a most excellent individual and a grandson of old Cumberland. Mr. Warren owns his sire and can therefore spare him. Write or go and see him.

#### PUT THIS IN YOUR 'PHONE.

Soon the season for electrical storms will be here and those who have telephones in the house know what an annoyance it is to have the 'phone crack and pop. There is always more or less danger of lightning following the wire to the house and doing much damage and even killing people. A good lightning arrester is advertised in our columns, and those who are cautious and fore-handed will investigate this device for preventing damage from lightning. Write for particulars to Mr. J. W. Pedigo, Lucas, Iowa. Please mention The Homestead when writing.

#### H. L. REED HAS GOOD BRED GILTS FOR SALE.

We wish to announce to those interested in Duroc Jersey bred gilts that Mr. H. L. Reed, of Sumner, Neb., has a number of good ones on hand that he will price right if taken at once. They represent the most noted families known to this breed and are in the proper condition to do the purchaser good. The dams of these gilts are daughters of such noted boars as Orion, Top Notcher, Echo King, Ohio Chief and other noted boars. If you are in need of anything in this line write Mr. Reed and see what he has to offer.

#### PIKE COUNTY JACK FARM'S GREAT JACK AND JENNET SALE.

On Thursday and Friday, April 11th and 12th, at the Pike County Jack Farm, which is located near Bowling Green, Pike county, Mo., the Pike County Jack Farm Company, owned and managed by Mr. Luke M. Emerson, will hold a two days' sale of jacks and jennets. For this sale seventy-five of the greatest jacks ever owned at the Pike County Farm will be sold. The man hunting for jacks should get busy, as there are not enough in the country to supply the demand this spring. Twenty-five jennets will also be sold. Some of these will have jack colts at foot and all will be in foal. The writer is going over to Bowling Green and next week we will tell you what we

see there. Write today for a catalog and address the Pike County Jack Farm, as per advertisement on page 36. Also kindly remember to say you saw the advertisement in this paper.

#### JAS. A. & S. E. NIBLO'S SALE OF PERCHERONS AND SHIRES.

The sale of Percheron and Shire stallions and mares to be held at Milan, Mo., on Tuesday, April 24, by Messrs. Jas. A. and S. E. Niblo, is one at which buyers will set the price, as these gentlemen have sold their farm and must now close out their breeding stock. These gentlemen also sell a Mammoth black jack, seven years old, and said to be one of the best jacks in Sullivan county, Missouri. Messrs. Niblo have bred draft horses for several years and must quit just at a time when their stud had gotten to such a size as to make their breeding business very profitable. The man wanting good, clean horses should be on hand. See page 39 for their advertisement and write for catalog.

#### A. H. BRETT'S PERCHERONS AND CLYDES.

The above well-known breeder is now offering some splendid bargains in stallions at his farm in the edge of Mason City, Iowa. Six Percherons, mostly two and three-year-olds, and either blacks or grays, are on hand and will be priced very reasonable, considering quality and individuality. No one can afford to miss this offer if a stallion is wanted. Two of the Clydes are young—one and two years old. They are marked right and promise to grow into big horses when mature. Three Clyde mares are also being offered, bred to Heir of Fame, a first-class imported stallion. Write for further particulars to Mr. A. H. Brett, of Mason City, Iowa. Mention The Homestead when you write and see page 39 for the advertisement.

#### THE SHANNON CITY ANGUS SALE.

On Wednesday, April 3d, Mr. T. A. Stevenson, one of the oldest breeders of Aberdeen Angus cattle in southern Iowa, and Mr. S. G. Smith, his son-in-law, will make a public sale at the Smith farm, two and one-half miles south of town. Mr. Smith is closing out his herd owing to the health of his wife, and he will sell everything, including herd bulls. There will be thirty-five head in the sale, fifteen of which will be bulls. The cattle will be in their every-day clothes and have not been pampered nor fitted especially for this occasion. They are therefore in the best possible shape for those who buy from them. They are selling their three-year-old Trojan Erica bull, Elidure 73161, and he will be one of the bargains in the sale. He is a Black-bird topped Trojan Erica, a good individual and a splendid breeder. Whoever gets him will get a good bull, and one that will do them a lot of good. There will also be three good Pride bulls in the sale, and an extra good Maggie bull. The bulls are a growthy lot, baying plenty of size and bone and are ready to go out and do service. One of their extra choice

## Poultry Breeders All Tell the Same Story.

NO ADVERTISING MEDIUM SO PRODUCTIVE OF RESULTS AS THE HOMESTEAD—SAMPLE REPORTS ON ACTUAL RESULTS.

Mrs. O. W. Thomas, of Manchester, Iowa, breeder of Silver Laced Wyandotte chickens, writing under date of March 8th, says:

"The advertisement I gave you a short time ago for your paper gave me excellent returns. I can recommend The Homestead as a splendid advertising medium."

Mr. George A. Bonewell, of Grinnell, Iowa, breeder of Barred Plymouth Rock chickens, writing under date of March 9th, says:

"Our cockerels are all sold. We received about \$100 in one week for birds. Have had to return a good many orders we could not fill."

cows is Bonnie G. V., a five-year-old daughter of Blackbird's Eclipse by old Moon Eclipse. This has been one of their best cows, both individually and as a breeder. There are several Pride cows in the offering. One of the best of these is Lady Pride G. V., a four-year-old daughter of Blackbird's Eclipse. She belongs to the Clova strain of the Pride family, and is a very stylish and very thick cow. There are several other nicely-bred Pride cows and heifers in the sale, and one of these has a bull calf at foot. There are several other good and very choice females in this offering, and we want to say to Homestead readers that they will be able to secure some splendid bargains in this sale. Write to Mr. T. A. Stevenson, Shannon City, Iowa, for catalog, and please mention The Homestead.

#### NO CHANCES AT STAKE

to the man looking for a land bargain in the American northwest. It is not always the country whose praises are sung on every hand that offers the best inducements to the man looking for a quarter or half section, or even triple or quadruple that amount. During the past winter there have been some unfavorable things said about Dakota and Minnesota lands. The cry of a car shortage indicates either of two things; first, an actual shortage of cars from lack of transportation facilities, or second, immense crops that have required an unusual number of cars to move these farm products to market. The first probability is partly true, but the second is the significant one. That these reports have frightened a goodly number of land seekers from investigating these lands is no doubt true. That the wise land seeker has and will profit by such a condition is still more likely to be true. The buyers who get on the ground now will get the snaps and bargains. With the passing of another season Dakota and Minnesota lands will experience an increase in value. A good healthy increase in all probability, too, both for the investor and for the country. If you have five hundred, a thousand or several thousand dollars on hand get a good piece of dirt in your own name. Write to Lund's Land Agency, Minneapolis, Minn., for all you want to know about investments

# Robust, Healthy Men

## Command Attention--Win Success ARE YOU ONE OF THEM?

or are you going through life minus the energy and vitality necessary to success, or handicapped by some disease like **Blood Poison, Weaknesses, Nervous Disorders, Prostate, Urethral, Kidney or Bladder Disorders, Etc.** If so,

let us put before you some important facts about these troubles. Facts as we have found them during our many years of practice. Facts that will enable you to overcome the weakness or disease and enable you to become once more a healthy and robust man. We will put you in possession of these facts free of charge, without one penny of expense. All we ask you to do is to come to see us. If you can't come write us a letter describing your case. We will tell you honestly



**Drs. Fellows & Fellows Co.,**

323 Rollins Bldg., 4th and Walnut Sts., Des Moines, Iowa



and frankly what your trouble is, whether curable or incurable. If curable in our opinion we will prove it to you in a manner that will put you to no expense if it fails. Many men have accepted this opportunity; today they are healthy and strong.

To give every sick or ailing man a better idea of our method we invite them to call or write and get our

## Free Book

which gives a full description of all ailments peculiar to men—gives the cause and symptoms of each disease, tells what they will lead to if not checked in time and explains our simple method of treating them at home. Write for book and further information at once.

64  
PAGE  
BOOK  
FREE

in these lands. Kindly mention this paper and see page 27 for more about the proposition.

#### DE CLOW'S JACKS AND STALLIONS.

A great many buyers of jacks and draft stallions of the different breeds are flocking to Cedar Rapids, Iowa, to see DeClow's array of good horses. A letter from the firm states that at present there are on hand fifty-five jacks and they are as good as were ever in the barns. Fresh importations regularly

any of the latter day imported bulls. The other bull is Brawith Lad 262337, a son of Morning Joy and out of a Cruickshank Brawith Bud cow. Mr. Vaughn will be pleased to make prices on any of the fifteen young bulls to Homestead readers. His herd now comprises more than 100 head of as useful Short-horns as can be found. He has recently sold a nice young herd of eight heifers to Mr. Wm. Novak, of Oxford, Iowa. Mr. Novak is certainly to be congratulated on his purchase of eight choice females from the Wildwood herd. Mr. Vaughn's announcement can be found on page 37 of this issue.

#### LAST CALL FOR C. E. CLARKE'S SHORT-HORN SALE.

Last week we promised to give our readers in this issue of The Homestead particular mention of the female offering in this important sale. Of special interest is the fact that twenty-eight of these animals were bred by Mr. Clarke himself, at least two-thirds of them being out of imported dams. Mr. Clarke is frank to say that it is as representative and choice a lot as he has ever produced. Knowing his reputation as a great breeder and his eminence as a judge of good animals, the value of this information is apparent. An exceptional opportunity is here offered to secure foundation stock of superior excellence, individuals whose quality and personal merit mark them for winners at the leading shows of the coming season. The purchaser of the pure Scotch cow, Fairplay 6th, will secure a prize. An international winner, with a bull calf by Imp. Prince of Leithall 151733 at foot, and in calf again to the great March Knight, she is one of the most desirable things in the sale. She is out of Imp. Fairplay 4th and sired by Bapton Ensign 172542, whose record as a great sire is one of the most notable in America today. Seven other daughters of this bull are also in the sale, of the Roseblush, Broadbooks, Ury, Mysie, Graceful, Duchess of Gloster and Fairplay families, and all are safe in calf to March Knight. Considered from any standpoint they are of superior merit and would be of great usefulness and value in any breeding herd. Meadow Lawn Nellie 2d, a fine show heifer of the family that has produced many of the Meadow Lawn prize winners; Graceful, out of a family noted for show animals, and 47th Duchess of Gloster, a typical representative of this popular family, should receive especial consideration from the buyer who is looking for the best. The three imported cows in the sale are worthy of close attention. Pine Blossom, with a red show heifer at foot and bred to March Knight, is very desirable, and Jeannette, with a daughter of March Knight at foot and in calf again to him, is a good value for any buyer. Circe, sired by the great Scotch bull, Prince of Fashion, and in calf to the pure Cruickshank bull, Nonpareil Stamp 188487, should go to one of the best herds. About one-half of the offering are heifers and they are a superior lot. In quality and conformation they are splendid representatives of the type of Short-horn that Mr. Clarke has found so successful in the show ring and in the breeding herd. Four individuals finer than those featured on the cover page of the beautiful sale catalog can scarcely be found in any herd. They are literally "bred in the purple," quality stands out at every point, and the breeder who can secure one of them will be indeed fortunate. Queen's Daisy, a half-sister of the head herd bull, March Knight, is a Miss Ramsden heifer that will attract attention, and the many representatives of the noted Broadbooks family are sure to be strong favorites in the bidding. May Blossom 2d by Imp. Pennan Diamond 27589, out of Imp. Piltivie Blossom, in calf to Knight Commander, one of the best bulls in the sale, should not be overlooked. By all the signs she should make a good one. The Scotch-topped animals are richly bred and of superior quality. Among these is a daughter of Imp. Red Knight 157136, sire of the grand champion females of 1906 and 1906. At the sale she will have a calf at



**FUREKA HARNESS OIL**  
Makes harness proof against heat and moisture. Gives a glossy black finish. Prevents rot. Imparts pliability, strength and durability to leather. Saves bills and mishaps. Keeps a new harness looking new and makes an old harness look like new. Contains nothing rough to cut and chafe. For axle troubles use

#### BOSTON COACH AXLE OIL

Better and more economical than castor oil. Will not gum or corrode. Lasting, reliable, satisfactory. Highest Award World's Columbian Exposition. Sold everywhere—all sizes.

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Incorporated



foot by the Cruickshank bull, Baron Mysie. The animals cited are fairly representative of the general excellence. To appreciate it fully you should make a point of being present at the sale. You can well afford to postpone important engagements to be there. If you have not done so already, write at once for a catalog and kindly mention The Homestead.

#### AN IMPORTANT SHORT-HORN SALE.

The forthcoming sale of Short-horns to be made by Mr. Andrew Chrystal, of Marshall, Mich., should attract the attention of every reader of this paper interested in good Short-horns. Mr. Chrystal has one of the best herds to be found in this country. In laying the foundation for his herd no expense was spared and nothing but the best bulls were used in the herd. Mr. Chrystal imported and used in his herd the noted Scotch bull, Lovat Champion, a bull which Mr. Duthie had reserved for use in his own herd. Lovat Champion now heads the well-known herd of Short-horns owned by the Flynn Farm Company, of Des Moines, Iowa. Imp. Beaufort Victor was another of the good Scotch bulls which Mr. Chrystal imported and used in his herd with very good results. The females represent the best and most profitable families of the breed and the draft from this noted herd will be worthy the attendance of the Short-horn fraternity throughout the entire country. Full particulars will be given in these columns in the issues preceding the sale. Plan to attend this noted sale if interested in good Short-horns.

#### THE SIOUX CITY HEREFORD SALE.

One of the best Hereford sales that will be held this year will be that of Messrs. Edmonds, Shade & Co. and Stanton Breeding Farm Company, at Sioux City, Iowa, on April 3d. The cattle that go into this sale will be the select from two well-known herds. This is not a combination sale, but on the other hand is a breeders' sale, and no two herds in the West are better known than the two mentioned above. They will sell twenty head of bulls and twenty cows and heifers, and we want to say to our readers that there are none better than will be offered at this time. There are bulls in this sale that are fit to head the best herds in the country, and the cows and heifers are the best that have ever been sold in the Northwest. This is a joint annual sale from the Stanton Breeding Farm, of Madison, Neb., and the herd of Messrs. Edmonds, Shade & Co., of Kingsley, Iowa. The sale is made at Sioux City, Iowa, to save expense to buyers. These two firms stand behind their cattle with the strongest guarantee and the cattle that they will offer at this time are as good as have ever been put through a sale ring. Watch future issues of The Homestead for particulars and write Mr. J. A. Shade, Kingsley, Iowa, for catalog.

#### NINE CRUICKSHANK SHORT-HORN BULLS FOR SALE.

On page 37 will be found the new announcement of those veteran breeders of Short-horn cattle, Messrs. S. H. Thompson's Sons, of Iowa City, Iowa. The senior Mr. Thompson was one of Iowa's early breeders of Scotch Short-horns, having started in the business about the time or soon after Uncle Daniel Cookson, of West Branch, Iowa, brought out the first Cruickshank Short-horns from the Hon. Jas. I. Davidson, of Balsam, Ont. This was about the time that Mr. Davidson made his first contract with Mr. Amos Cruickshank, of Sittytown, Scotland, for the annual output from the Sittytown herd, and in fact these were the best Cruickshank cattle produced at that time as a whole that have ever crossed the water. The elder Mr. Thompson secured some of the pick of the earlier imported cattle, including the Victoria, Princess Royal, Mysie, Rosemary, Avalanche and Alexandrian families. Some very superior cattle have come from the Thompson herd. Many great herd bulls have been produced and developed on their farm and at this particular writing they have nine red bulls of good, long ages for sale, a number of which are splendid individuals, thick-fleshed, low-down, masculine-looking fellows that are only awaiting an opportunity to get into good herds and prove a bonanza to the buyer. We noted one choice Victoria sixteen months old by Ringmaster, whose pedigree cannot be excelled in the world. He traced to Imp. Victoria 51st, recognized as the best Victoria cow that ever crossed the water. His stall companion is another red Victoria, about the same age and traces to Imp. Victoria 73d, considered next to Victoria 71st. This bull was sired by Fearless King, winner of second prize as a calf at the Iowa State Fair and sold to Thompson's Sons at \$650. This bull was sired by Fearless Victor and is a wonderfully low, thick, massive bull with tremendous quarters and promises to make a great herd bull. The dams of both the above bulls were sired by the greatest bull ever used by Messrs. Thompson, old Victor Mysie 2d. We noted also a seventeen-months-old red bull, a Miss Ramsden. He was sired by Ringmaster and he is a full brother to the great bull, Raphael, and he by Victor Mysie 2d. This Miss Ramsden bull is a very long-bodied, smooth bull, with an unusually smooth shoulder, good in the crops and chine, and is unquestionably the making of a great bull. He may possibly not mature quite as early as the two Victoria's previously mentioned, for the reason that he is cut out for a much larger bull. His companion in the stall is a beautifully-bred Princess Royal sired by Ringmaster and out of a Victor Mysie 2d dam. We noted another splendid bull, full of quality, seventeen months old, a Mysie. He, too, was sired by the Iowa State Fair winner, Fearless King. This bull is a splendid handler, possessing a very soft, mellow skin, with a fine, furry coat and promises well for the future. Next to him stands a sixteen-months-old bull, also sired by Fearless King and out of Imp. Vinette 13th, a Violet Bud. To someone who is looking for an infusion of fresh blood from across the water, this bull will be found worthy of consideration. There are two yearling bulls, a Lavender, by Fearless King, and also one Scotch Beauty bull by Ringmaster, that are attractive fellows and are at this time about twelve months old. A full brother to the Beauty bull has been used extensively in the herd until a younger bull was of sufficient age to do the work. This two-year-old bull is also offered for sale. He was sired by Flora's King and he by Rosewood. The latter two bulls are out of Flora Archer by Imp. Golden Archer, and

trace to Imp. Beauty by Heir of Englishman. It is a pleasure to The Homestead to recommend to its readers this old reliable firm who have stood the storm of Short-horn depression and enjoyed the wave of prosperity following. This firm are in every sense of the word breeders of Short-horn cattle and are not and never have been speculators to any extent. It has been many years since we have seen as good a lot of bulls on Messrs. Thompson's farm as at the present time, and any breeder who visits the herd with this idea of purchasing one of these bulls will have the opportunity of seeing one of the best herds of Scotch cows in America. They are the big, broad, table-backed sort, standing on very short legs, and we omitted to say that of the nine bulls offered at this time, only one but what is much shorter in leg than the average bulls of the line of breeding usually possess. Messrs. Thompson Bros. rarely fail to sell a man a bull who will come to the farm and see what they have, and we must say that the prices they are asking for these bulls is considerably less than we expected they would ask, in fact is 33 1-3 per cent less than is usually asked by many breeders for this class of bulls. Each and every one are reds and no flaw can be found in their pedigree.

#### ANSTHEY'S HEREFORD SALE.

On April 4th, at South Omaha, Neb., Mr. Geo. J. Anstey, of Massena, Iowa, will make a public sale of Hereford cattle, and he has selected the cream of his herd for this event. Mr. Anstey is one of Iowa's well-known Hereford breeders, and has been breeding the whitefaces for the past twenty years. He has selected twenty-five splendid young bulls and twenty heifers, and they are the best lot that has ever come from his herd. These are mainly sired by Albany 60437, an Anxiety 4th-bred bull, formerly used with much success in the Anstey herd. Then there are some that are sired by Keep Ahead 107728, a son of the great Keep On, while others are sired by Sidney 1st 161307, a low-down, thick-fleshed bull now used in the Anstey herd. There will also be a few in the sale sired by Fairview Tom 3d, a grandson of old Corrector. The heifers will be bred to Sidney 1st and Beau Shadeland 10th 207380, a son of the noted show and breeding bull, Beau Donald 28th. Hereford breeders and farmers and ranchmen will find about what they want in this sale. The heifers are the pick of what he has on the farm, and are all sired by Albany, Sidney 1st and Fairview Tom. These are nearly all bred to his Beau Donald bull, and most of them are granddaughters of old Corrector and Keep On. They are a nice, smooth lot, with neat heads and horns and will make good cows, and it will be a splendid opportunity to secure some choice heifers. The bulls are a most excellent lot and we cannot too strongly urge buyers who want males to come to this sale. They are growthy, well developed, unusually good in head and horn, and carry a wonderful lot of bone. Mr. Anstey never sent a better bunch of bulls away from his farm. They are all yearlings and coming twos, and there are several extra good ones among the lot. Among the best of these are three that anybody can well afford to buy. These are all sons of Sidney. One is called Duke of Fairview and is out of Sparkess 3d, an imported cow. He is a well-developed fellow and is good in his lines, both top and bottom. Sankey 2d is an April 24th calf, and is out of Sasnae, considered one of the best breeding cows on the place. He is a low-down fellow, very thick and low in the thighs, carries a well-sprung rib and has a good head and a nice horn. He is one of the good young bulls in the offering. Another cracking good bull is Lord Hlewer 3d out of Lady Hewer 4th, one of Mr. Anstey's old standbys. Here is the making of an excellent sire. The rest of the bulls are sired by Albany and Fairview Tom. The Albany bulls are an especially good bunch. It is as good a bunch of Hereford bulls as has been sold in South Omaha in a long while. It will pay anyone who wants Herefords to attend this sale. Write Mr. George J. Anstey, Massena, Iowa, for catalog and kindly mention The Homestead.

#### FIRST ANNUAL SALE OF THE DAVIESS COUNTY, MO., SHORT-HORN BREEDERS' ASSOCIATION.

Among the sales of Short-horn cattle listed for this spring is the one to be made at Gallatin, Mo., on Friday, April 5th, by the Daviess County Short-horn Breeders' Association. This association was organized last fall and the breeders who are members of it expect to hold annual sales. For the coming sale the following breeders have contributed cattle. Mr. C. J. Feurt, of Pattonsburg, Mo., disperses his entire herd, consisting of seven bulls and nineteen cows and heifers. This is one of the older herds of Daviess county and is sold to settle the partnership of father and son. Several head of Scotch cattle, both cows and bulls, are included in Mr. Feurt's offering. Mr. R. E. Maupin, of Pattonsburg, Mo., sells three head, a yearling Scotch bull and two Scotch-topped heifers. Mr. J. V. Goodbar and Mr. Geo. Goodbar, of Gallatin, Mo., sell two bulls and two cows. One yearling bull is

# Anstey's Hereford Sale

AT SOUTH OMAHA, NEBRASKA, THURSDAY, APRIL 4, 1907.

25 YOUNG BULLS - - - - - 20 CHOICE HEIFERS

THE cream of my herd goes into this sale. Everything is my own breeding, and only the best have been picked for this occasion. These are sired by Albany 60437, Keep Ahead 107728, Sidney 1st 161307 and Fairview Tom 3d 138860. The heifers are bred to Sidney 1st 161307 and my great young bull Beau Shadeland 10th 207380, a son of Beau Donald 28th. The best bunch of young bulls that has ever been sold in South Omaha will be found in my sale. Write for catalog at once. Address,

GEO. J. ANSTHEY, MASSENA, IOWA.

Col. Geo. P. Bellows, Auctioneer.

Please Mention Iowa Homestead.

#### DAVIESS COUNTY

### Short-horn Breeders Association Sale

At Galatin, Mo., Friday, April 5th, 1907

35 12 Bulls, 23 Cows and Heifers 35  
Scotch and Scotch Topped

C. J. Feurt, of Pattonsburg, Mo., disperses his entire herd, consisting of seven bulls and nineteen cows. The other consignors are R. E. Maupin, Pattonsburg, Mo.; J. V. and Geo. Goodbar, Gallatin, Mo., and Chas. Smiley, Gallatin, Mo.

Two sample pedigrees are herewith submitted. Others will appear next week.

#### NELLIE, OF MAPLE HILL

COW: Red, Calved Sept. 25, '02, owned by C. J. Feurt

Got by Barmington Prince 128334

Nellie Maid ..... Scottish King 100743

Prairie Girl ..... Ducal Crown

New Year's Morn ..... Julius 56648

Imp. Eliza ..... Sherwood

BULL: Roan, calved April 16, '08, bred and owned by R. E. Maupin

Got by Skyrocket 20237

Miss Orange 4th ..... Golden Symphony 151636

Miss Orange 2d ..... Combination 114814

Miss Orange ..... Orange Blossom Perfection 71000

Orange B. of Oakland ..... Imp. Antiquary 146774

Imp. Orange B. 30th ..... Pride of the Isles 35072

Those wanting good, useful cattle will find this an excellent opportunity. We intend to make this an annual event and each breeder stands behind the cattle he sells. Write for catalog.

Col. Bellows, Auctioneer

R. E. MAUPIN, Manager,

Pattonsburg, - - - - - Missouri

Gallatin is on main line Rock Island, Mo. and Omaha. St. Louis line of Wabash.

### PUBLIC SALE OF ABERDEEN-ANGUS 35 HEAD 15 BULLS AND 20 FEMALES

To be held at the residence of S. G. Smith, 2 1/2 miles southeast of Shannon City, Iowa, and 3 1/2 miles northwest of Tingley

Wednesday, April 3, 1907, at 1:00 O'Clock

In making this public sale of Angus cattle, we do so with the full assurance that the breeding of the stock is all right and that the quality and merit of the offering will be beyond question. Mr. Smith on his part is closing out on account of his wife's health.

The cattle will all be sold in just nice stock condition, in their every day clothes. We are offering good typical animals chosen from the following families—Trojan Erica, Prides, Minas, Maggies, Titanus, Belle and Parrothens.

Write T. A. Stevenson for catalog, and come to the sale, where you can buy good cattle at your own price.

Capt. W. W. Stewart, Auct. T. A. Stevenson, S. G. Smith, Shannon City, Iowa

#### TOO LATE TO CLASSIFY.

### MAPLE LAWN HEREFORDS

FOR sale, (Imp.) Islam 145736, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals.

A. F. HAGER, AVOCA, IOWA.

Duroc Jersey Bred Sows For Sale. I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. H. L. Reed, Sumner, Nebraska.

### I HAVE FOR SALE

STOCKERS AND FEEDERS.

40 steers, weight 800 lbs.; 66 steers, weight 925 lbs.; 32 steers, weight 1,000 lbs. These cattle are natives, good flesh and color; will sell to suit purchaser. Address, JOHN CARROW, OTTUMWA, IA.

### 200 HEAD OF NATIVE STEERS

950 LBS. Have to sell by first of April. A bargain for a quick buyer.

AUBREY SMITH, KEOSAUQUA, IOWA.

FOR SALE—1 Percheron stallion, registered, black as a crow, 4 yrs. old last Aug. Good, heavy bone, fine action. Judy & DeLashmott, Salem, Iowa.

a catalog and kindly say you saw the advertisement in this paper. See this page for advertisement.

KANSAS CORN AND ALFALFA has made many a man independently rich. In our columns are to be found some splendid bargains in Kansas lands and if any of our readers are in search for this kind of real estate we would advise them to turn to page 26 and see what Mr. C. H. Dewey, of Stockton, Kan., is offering. In the way of stock and grain farms he has something that certainly reads well. Prices are moderate, as a perusal of the two farms offered will convince you. Write for particulars and mention this paper.



Some Good Short-horn Bulls for Sale.

The Homestead takes pleasure in calling attention to the numerous good young bulls offered for sale by Mr. G. H. George, of Monticello, Iowa. Mr. George at this time finds himself with a good supply of young bulls and an overplus of Scotch herd bulls. His herd not being large, he has no use for the three herd bulls now doing service. A good three-year-old red bull is offered for sale in Stone King 228716. He is out of Lady Smith by Village King and traces directly to Imp. Fair Queen 4th. The Fair Queens belong to Mr. Cruickshank's celebrated tribe known as Mary Ann (by Sillery), sometimes called Miss Gibson. Stone King's sire was by Imp. Curbstone and he by Imp. Craibstone. He is a ton bull in breeding condition, of the true Scotch type, and possesses as good a bull's head and horn as anyone would wish to see. Certainly this bull should find a place at the head of some good herd, as he is well qualified to fill such a position. His dam, Lady Smith, is probably one of, if not the best, Scotch cows in Mr. George's herd. Hence Stone King is a worthy son out of a great dam. Among the young bulls are two splendid roans, straight Scotch and full brothers. One is a two-year-old, the other a yearling. They are Raspberries and among the top sires on the dam's side we note the most excellent Cruickshank bulls, Imp. Confessor, Imp. Royal Barmpton and Imp. Breadalbane. The sire of these bulls is Scotch Consul 181231, he by Imp. Consul and out of Violet 3d by Lord Granville. Imp. Violet 3d will be remembered as the most excellent cow purchased of Messrs. Peden Bros., of Spencer, Ind., for \$500, at Mr. N. A. Lind's last sale. Imp. Consul is the bull that Mr. H. F. Brown purchased at Mr. W. D. Platt's Chicago sale for \$1,515. These two roan bulls whose breeding we have given are certainly a worthy pair. Their handling qualities are all that could be desired in the Short-horn. The younger one is our preference and we believe is the making of a very choice Scotch herd bull. His beautiful, smooth, even laid shoulder, closed closely on top, gives him show-yard character. He has a beautiful head and horn and his body is as smooth as an apple. He has a wealth of rich fine roan hair and a good covering of flesh under it. This bull should be looked after by someone who is particularly anxious to secure a first-class Scotch herd bull. Mr. George has also two good red yearling bulls. One is called Beauty's Baron and is out of Beauty's Pride, tracing to Imp. Beauty 15th by Heir of Englishman. The other red bull is Matchless Boy and traces directly to Imp. Likely by Charleston. Both the above bulls are sired by Scottish Consul, which, by the way, is one of the good Scotch herd bulls of the middle West. There are very few bulls that possess as much feeding quality or that are as low down to the ground as Scottish Consul. Aside from these good qualities he is as smooth as can be made from the crops to the tail setting. His evenness of top line and his hip flesh qualities catch the eye of the critical observer at first glance. This splendid bull is assisted in service by the three-year-old roan show bull, Ring-Master, a bull that was exhibited at the International at Chicago, 1905. He weighed at twenty-five months of age 1,900 pounds, and has all the scale that could be desired. His dam is Imp. Scottish Ringlet, sired by Scottish Victor and he by Scottish Archer. Scottish Ringlet was bred by Mr. James Durno, the breeder of Imp. Choice Goods. Ring-Master's sire was Golden Victor, a splendid red Cruickshank bull, sired by Luverne. Luverne was a Brawith Bud, sired by Imp. Pro Consul. Golden Victor was out of the great show cow, Emma 17th, that the writer stood by and witnessed her selling at auction for \$1,530. Hence Golden Victor belongs to the famous Cruickshank family of Emmas that were so prominent in the herd of the late W. S. Marr, and comes from the same family and ancestry as did the famous Potts twin show heifers that captivated the judges at all shows in America in their day, they being out of Imp. Emma 3d by Young Englishman. Mr. George would sell this bull to an appreciative buyer, and from a remark he dropped to the writer, we believe that he can be bought for a much less price than he is really worth. There are few as good Scotch herd bulls doing service at the present time as Ring-Master. Mr. George will be pleased to make prices on any of the young bulls referred to, or either of these two three-year-old herd bulls. His announcement can be found in The Homestead on page 36.

Last Call for J. H. Eno's Dispersion Sale.

Regarding the closing out Angus sale which Mr. Eno will make at his farm two miles southwest of Havelock, Iowa, March 27, 1907, and which we mentioned in general last week, we will say that in our visit to this herd we found some splendid specimens of the breed. Mr. Eno has always been well located to give his herd the best of attention and on sale day it should present a very good appearance to buyers. The object has always been to lay a good foundation for future breeding and among the catalog numbers will be found some breeding originating from some of the best herds in the country. The families represented are the Princess, Queen Mother, Pride, Easter Tulloch, May Flower and Jeanette. Of this number thirty-six head are either registered or eligible to registry. Some of the young stuff is still unregistered. Those looking for probable herd headers should find it worth their while to look up the breeding of the four young bulls that are offered. These are from nine to twelve months old, out of the best cows on the place. They are sired by Cottonwood Floyd 45416. Much of the young stuff is bred to him and he has filled the capacity of herd bull for the last year. His sire is Cottonwood Gay Bird 31327 and his dam is Finery. In himself he is a very good individual and any one of the good heifers or cows that are offered, bred to him, should prove a very profitable investment. The bulls are sappy fellows and promise to develop into large, well-proportioned animals. Among the mature females will be five pure-bred cows with calves at foot by the herd bull, Miss Barton 32316 by Invincible Black Bird 22282 is a fully matured cow and has raised splendid calves right along every year for Mr. Eno. She is one of the best cows in the herd and now has a nice heifer calf

three months old at foot by the herd bull. Her last year's calf is Bouten Dick, a yearling in February. He is a growthy, blocky fellow and shows himself to be well bred. Another one of her calves is Miss Barton 2d. She is well worth looking over, too. Lakeside Queen 3d 78113 is a three-year-old in May. Her dam is Lakeside Queen 42814, bred by Mr. William Miller, of Storm Lake, and by the noted bull, Cranewood Black Knight 39477. This cow has a heifer calf at foot by Baron Inca 58611, a bull that is too well known to need further comment. Another splendid one is Perry Princess 30725. She has proven a splendid producer and mother and is a dam of one of the young bulls. She is a great, roomy cow. Another is Pride of Fashion 2d 88769, sired by Baron Inca out of Lakeside Pride 42812. This heifer will be three in October and has every prospect of making a splendid cow. There are others just as good as these that we might mention, among which is Bouten Geraldine 2d 79279, the dam of one of the most attractive bulls in the sale. The Poland China offering of which we made mention last week should attract buyers looking for good hogs of Perfection breeding. Ten old sows will be offered which have proved splendid breeders and Mr. Eno would never let them go had it been possible to have kept them on the farm. Havelock is in northern Pocahontas county, on the Chicago & Northwestern, just east of Laurens. Free entertainment will be furnished those from a distance, and we can assure anyone who expects to attend the sale that they will receive the very best of treatment and will see some very serviceable, well-bred stock. Write for catalog at once and plan to attend the sale. See Mr. Eno's announcement on page 35 of this issue.

A Most Excellent Herd of Short-horns.

Homestead readers for a number of years have been more or less familiar with the Wayside herd of Short-horns owned by Mr. Geo. H. Burge, of Mt. Vernon, Iowa. Mr. Burge is what may be termed a self-made man, and by sheer dint of energy, good judgment and plenty of hard effort, has succeeded in building up one of the best herds of Short-horn cattle in the state of Iowa. Mr. Burge is a man who has had an object in view in building his herd; he has had a model to work to in the way of the typical Short-horn. The type of Short-horns produced at Wayside are the low, thick, easy-keeping sorts. At the present writing Mr. Burge has thirty-one Scotch females. The remaining seventy head of cattle are Scotch topped, possessing the same type as do the straight Scotch. It was a great stroke of good fortune when Mr. Burge secured Acrobat and produced his phenomenal bull, Money Musk. Money Musk is unquestionably the greatest herd bull that Wayside has ever used. He is the sire of numerous prize winners, as well as being a prize winner at the Iowa State Fair a number of times himself. He is one of those low, thick, meaty bulls that respond with a pound of flesh when given a pleasant look, and he stamps this great feeding quality on all of his offspring. Mr. Burge has had a splendid trade on young bulls this winter and spring. However, he still has for sale one Scotch bull of the Raspberry family and two other splendid Scotch-topped ones. One is a Blossom with five Scotch tops; the other is a Young Mary out of the same cow that produced the Iowa State Fair winner of 1900. Mr. Burge finds himself in the position for the first time in years to be able to offer the public fifteen or more good Scotch-topped females. He can make up a small herd for a breeder in connection with the sale of a bull at a very attractive price. His present herd bulls are Money Musk, above referred to, and Hopeful Knight. The last named belongs to the Campbell Bloom or Thessalonica tribe, sired by the great show and breeding bull, Gallant Knight. Gallant Knight has for years been considered one of the most prepotent sires among all the Cruickshank bulls in America. We certainly believe that in Hopeful Knight Mr. Burge has secured a good bull to cross on Money Musk heifers. Some of these females that are offered for sale are bred to the above bull. It has been noticeable that almost every breeder of Short-horns in search of good cattle that visits the Wayside herd, buys something before leaving. So attractive are the great lot of breeding matrons and the herd bulls that the lover of good Short-horns is captivated with the type of cattle produced at Wayside. After passing through the herd critically and examining all of the young stock, one is impressed with the idea that Mr. Geo. H. Burge is certainly in the right place. If he continues for the next ten years to make the progress that he has in the past ten, he will be classed among the breeders of the present day as the Cruickshank, Marr, Renick or Vaile of the past decade. The Homestead is always glad of the opportunity to recommend Mr. Burge and his cattle, for he is certainly producing the type of Short-horns that are in demand. See page 37.

Hendershot Still Selling Jacks and Stallions.

The recent sale held by Mr. O. P. Hendershot, at Hebron, Neb., was a decided success, and the quality of the offering so impressed buyers that Mr. Hendershot has decided to offer some more of the good ones at his stables, but at private sale. At present he has a score of fine jacks for sale at prices that are certainly taking, considering the excellence of the individuals. They are just as good as were sold in the sale, we believe. Mr. Hendershot has the welfare of his customers in mind and will do all he says he will. In stallions he has several black Percherons that weigh around the ton mark and some above. They are sound and of the right type, as it is not the policy of this stable to sell blemished horses. There are also a few Clydesdales for sale. All the offering is of an age that will be profitable to buy for the farmer who wants to own his own horse or for a company. We can cheerfully recommend buyers to Hebron and feel that Mr. Hendershot can fill your bill as good as anyone. Visit his stable or write him. Refer to page 39 for advertisement.

Mr. John Carrow, of Ottumwa, Iowa, is advertising a number of stockers and feeders for sale in his advertisement, which will be found on page 32 of this issue of The Homestead.

C. E. CLARKE'S

Short-horn Sale

to be held at

South Omaha, Neb., Wednesday, March 27, '07

55 - Head--12 Bulls, 43 Females - 55

Best Draft of Short-horns that will be offered this year  
10 Pure Scotch Bulls--10 Cows with calf at foot  
3 Imported cows

Several winners of first honors at the International Show heifers and calves that will make winners

No choicer lot of Short-horns was ever included in a public sale. NINETY PER CENT are pure SCOTCH, descendants of the most noted and popular families and richly bred. Bulls are sons of the great March Knight, Nonpareil Stamp and grand champion White Hall Marshall. Best lot individually ever together in a sale ring. Breeding and quality will satisfy the most discriminating buyer. Will make show animals and herd headers of first class. The females are of exceptional value and highest personal merit. Cows are regular breeders and safe in calf to the best Meadow Lawn bulls. The heifers are daughters of March Knight, Imp. Pennan Commander and Bapton Ensign. Many are of the famous Broadhocks family and promise to add new laurels to the name. The majority have been bred to Bapton Nonpareil, a son of Bapton Ensign, that will win International honors, and Choice Knight, one of the most prominent sons of grand champion Choice Goods. Breeders who wish to secure strictly high-class animals to enrich their herds should not fail to be present. Kindly mention The Homestead and write at once for a catalog.

Auctioneers: Cols. Woods, Bellows and Mason

N. P. CLARKE, Mgr.

St. Cloud,

Minnesota

ANOKA SHORT-HORNS

HARDING'S 5th ANNUAL SALE,

Waukesha, Wisconsin, Wednesday, April 10th.

A FEW REASONS FOR ASKING YOUR ATTENTION AND PATRONAGE

Ten bulls will be sold which are suitable to head the best herds.

Forty cows and heifers, the equal of which in individuality and blood lines are seldom found in more than one or two sales in a year.

A liberal number well gone in calf to WHITEHALL SULTAN 163573, others bred to WHITEHALL KING, ANOKA SULTAN and RED SULTAN, bulls regarded to be of wonderful promise.

Five bulls of the offering are better individuals than I have sold in any previous sale. They are strictly show animals.

In no previous sale have I offered as much of the blood that is producing the best show cattle of the present time, as in this one.

The offering is mostly the get of WHITEHALL SULTAN, WHITEHALL MARSHAL, WHITEHALL KING, MARQUIS OF ZENDA, VILLAGE CHAMPION, LORD LOVELY.

5 Imported Cows and one Imported Bull included in the sale.

I would like to have you apply for catalogue (illustrated) as I may not have you on my list.

F. W. HARDING, WAUKESHA, WIS.

Auctioneers, Cols. F. M. Woods and Geo. P. Bellows.

Attention is directed to H. F. Brown's sale at Minneapolis, on April 9th and H. S. Bright's at U. S. Y., Chicago, on the 11th. My date is the 10th and anyone wishing to attend all three can do so. Mention this paper in writing for catalogs.





## The Hereford Event of the Season

THE ANNUAL JOINT OFFERING FROM THE WELL KNOWN HERDS

**STANTON BREEDING FARM CO., Madison, Neb., and  
EDMONDS, SHADE & COMPANY, Kingsley, Iowa, at**

**Sioux City, Iowa, April 3, 1907**

In the New Live Stock Sale Pavillion. Sale Called at 1:00 P. M.

**20 High Class Cows and Heifers**



A few with calf at foot including some of the winners of 1906 and twenty bulls of outstanding merit among which are many herd headers and were first prize winners. This is the greatest offering that the breeders and farmers of the Northwest have had the privilege of attending in late years.

There will be a grand lot of bred heifers by Beau Donald 7th, Columbus 35th, Climax, King Edward, Brick Mason, Imp. Passport and other great bulls.

An excellent lot of young cows with fine type of character and most successful blood lines bred to some of the greatest bulls of the breed—Imp. Albany, Rex Maximus, Climax, Columbus 35th, Beau Donald 7th, and King Edward. A grander lot of young bulls and heifers was never offered to the public at one sale. Every animal is fully guaranteed. Write for catalog to either of the above firms. Cols. F. M. Woods and F. F. Luther, Auctioneers.

**C. R. Thomas, Clerk.**

**J. A. SHADE, Mgr., Kingsley, Iowa.**

# THIS GRAND 3 DAYS JOINT BREEDERS' SALE

116 HEREFORDS

**KANSAS CITY, MO., APRIL 2-3-4, 1907**

50 SHORT-HORNS

INCLUDING THE SWINNEY DISPERSION OF THE FAMOUS CLOVER LEAF HEREFORDS ON THURSDAY APRIL 4TH  
MAKES IT THE GREATEST AND MOST ATTRACTIVE EVENT OF THE SEASON IN SALE CIRCLES

**TUESDAY, APRIL 2D--SHORT-HORNS--ONE P. M.**

Pure Scotch, Scotch Topped and Bates Cattle. One half big strong young bulls, good ones, balance females. Consigned by the Liberty Bell Stock Farm; Jason Kinne & Son, Hamilton, Mo.; C. B. Claypool, Marshall, Ill.; Jno. Reager, White Water, Kan.; R. J. Conaway, Elk City, Kan.; David Jay & Son, Blakesburg, Iowa; W. A. McNeen, Walnut Grove, Mo.; and others desiring to enter at once.

**WEDNESDAY, APRIL 3D---FIFTY HEREFORDS**

About 20 fine bulls, 30 superb females including anxiety 4th and most all of the most fashionable families of the day and originally selected and purchased from leading prominent herds of this country. Consignors: Clarence Dean, Weston, Mo.; Chas. Fennan, Charleston, Ill.; Chas. H. Hartung, Van Horn, Iowa; H. L. Libbey, La Plata, Mo.; and others desiring to enter at once.

FOR ABOVE CATALOGS ADDRESS D. R. MILLS, MANAGER, DES MOINES, IOWA.

## THE FAMOUS CLOVER LEAF HEREFORD DISPERSION SALE

KANSAS CITY SALE PAVILION, THURSDAY, APRIL 4TH, TEN A. M. TO FIVE P. M.

ONE OF THE GREATEST AND DEEPEST ANXIETY 4TH BRED HEREFORD HERDS IN AMERICA. 66 HEAD. 17 HIGHCLASS BULLS, 900 TO 1,900 LBS. 19 COWS WITH CALVES. 10 COWS DUE TO CALVE SOON. TWELVE TWO-YEAR-OLD HEIFERS, EIGHT YEARLING HEIFERS, MANY BY BRIGADIER 107229, FIRST PRIZE WINNER AT THE AMERICAN ROYAL AND DOUBLE ANXIETY 4TH BRED. OTHERS BRED TO HIM, ALSO HIS HEIFERS IN CALF TO THE SPLENDID \$1,500 DALE JR. BY THE CHAMPION \$10,000 DALE. ALL IN FINE SHAPE AND BEAUTIFULLY CONDITIONED. FIVE BEAU BRUMMEL COWS, NOW PURE GOLD AND OTHERS OF REMARKABLE BREEDING AND INDIVIDUALITY. THE GOOD KIND, NOT A SINGLE CULL. THE CLEANEST DISPERSION SALE EVER MADE. CATALOGS READY. ADDRESS EITHER

**W. G. SWINNEY, BOIS D'ARC, MO., OR D. R. MILLS, DES MOINES, IA.**

### A. H. Brett's Big Sale of Short-horns.

This will be our last opportunity to direct attention to the very important sale of Short-horn cattle and Percheron stallions to be sold by Mr. A. H. Brett, of Mason City, Iowa, on March 28th. In the last issue of The Homestead particulars were set forth relative to the many good Scotch cattle listed for this sale. Inasmuch as there are 150 head of Short-horn cattle to be sold, this being the largest sale ever made by Mr. Brett, it will be necessary for a very large crowd of breeders to assemble, or else some great bargains will be in store for those who do attend. It can be safely stated that among the twenty pure Scotch cattle offered are many of show-yard character coming from animals of national repute. It is needless to enumerate these choice cattle again, as we went into detail in The Homestead of March 14th, relative to this choice offering. It is sufficient to say that Mr. Brett is putting forth every effort to make this sale attractive from every point of view. It is a well-known fact that Mr. A. H. Brett has been a very liberal buyer of the very best Short-horns at many of our leading sales. Coupled with this fact is his past career as a national breeder of Short-horns on the Willowdale Farm. Mr. Brett has endeavored during all these years to keep at the head of his herd the best Scotch bulls that money would procure. We presume that the catalog has been in the hands of Homestead readers before they will have read this article. One of the attractive features of the sale is the fact that such a large percentage of the cows have calves at foot, or are just ready to drop calves. The two Scotch bulls recently used at Willowdale were Prince Victor and Hampton's Marshal, the last named being a worthy son of Imp. Merry Hampton. Perhaps no bull in recent years has commanded the attention of the Short-horn world as did Imp. Merry Hampton. When selected in Scotland by Mr. C. B. Dustin's representative, Mr. Noring, it was learned that this was the best bull that could be purchased in all Scotland at that time. Several American breeders had figured on this bull, but the price was so long that it remained for Mr. C. B. Dustin to bring this bull to America. It was on Mr. Dustin's farm that this bull achieved his greatest prominence. It was there that he sired Hampton's Best, the phenomenal Short-horn bull at the head of Messrs. Bellows Bros.' herd at Maryville, Mo., and Merry Marshall that Mr. C. A. Saunders paid \$1,205 for at auction in Chicago. Hampton's Marshal being a brother to this bull adds prominence to Mr. Brett's herd and will certainly be a great feature at the forthcoming sale for the reason that there are so many of his daughters in the sale and cows bred to him. Mr. Brett has perhaps never had any other herd bull that he has thought as much of, or that has brought him a greater degree of prominence among Short-horn breeders. In addition to this cattle sale at the same time and place will be sold a registered Clydesdale mare, Sally MacGregor, a six-year-old bay mare weighing over 1,600 pounds, bred to Royal Herl. The remainder of the horse offering is seven Percheron stallions of serviceable age and ready to go on the stand this spring and

earn a good year's fee. Mr. Brett will be pleased to furnish Homestead readers with a catalog of this sale, if they have not already received one, as well as any other particulars that they may wish to know. Remember the sale will be held in town and will be conducted so that everyone may have a chance to secure some of this choice offering. The hotel accommodations and railroad facilities are superb at Mason City. Mention The Homestead when writing for catalogs. See page 39.

### Paradise Stock Farm Angus.

On page 36 in this issue will be found the advertisement of the Paradise Stock Farm, owned by Mr. W. F. Eckles, of Green City, Mo. Mr. Eckles breeds Aberdeen Angus cattle and is a staunch friend and firm believer in the doddies. His herd was founded some years ago on stock that was purchased with a view of raising the best. Individuality was the guiding star and stock with as much scale and quality as possible was bought. Good, reliable families were drawn on and as a result Mr. Eckles has enjoyed a trade in both bulls and females that would be pleasing to many an older breeder. The double Pride bull, Pride of Albion 5th 53114, now five years old, was secured as herd bull and many fine things got by him are found in Mr. Eckles' herd. Pride of Albion is one of the largest bulls of the breed and with all his size he has an amount of quality that is rarely found in a bull with this scale. He is an exceptionally well-quartered bull, carries a fine back, good lines and is set plenty low on legs that are short and put on about right. Mr. Eckles has a great many daughters of this bull that he wishes to retain in the herd and for that reason he now offers Pride's Albion 5th. Some man wanting a herd bull and one that is absolutely sure should go and see him and his get. Mr. Eckles would not part with him but for the fact that he cannot use him longer and retain so many of his daughters. As a sire he has made good to such an extent that he merits an appreciative buyer. In 1904 it was a daughter of this bull that won first in calf class at the St. Louis World's Fair, at the Kansas State Fair and at the Oklahoma City live stock show. In 1906 another calf won first at Nebraska State Fair and at the Hutchinson live stock show. Mr. Eckles invites prospective buyers to come and see him and his get. A number of his sons are also offered by Mr. Eckles, also a son of Perfection 5th a Gardner-bred bull. These are all from good families and promising fellows. For use on the daughters of Pride's Albion Mr. Eckles bought Home Dale King 2d at Mr. G. W. Fink's dispersion sale. Home Dale King 2d was got by Home Dale King, he by the great Black King of Woodlawn. His dam, Pride of Homedale, was also by the same sire, making him a fine-bred Blackbird on a Pride foundation. Home Dale King 2d will undoubtedly prove a good cross on the daughters of Pride's Albion. A few females would also be priced right, some bred to Pride's Albion, others by him and bred to Home Dale King 2d. Mr. Eckles' Paradise Stock Farm joins the town of Green City, Mo., and he invites prospective customers to visit the herd. See page 36 for Mr.

Eckles' advertisement and when writing him kindly mention The Homestead.

### Harding's Short-horn Sale.

Rarely does one have the opportunity to secure at auction Short-horns of the breeding and individuality that are found in the draft from Anoka herd to be sold at the breeding farm of Mr. F. W. Harding, at Waukesha, Wis., on Wednesday, April 10th. This herd of Short-horns have done much toward placing the breed in the enviable position which it now holds in this country. The show record of Anoka herd for the past few years demonstrates the fact that the individual excellence and breeding of this herd are unexcelled. Mr. Harding's principal herd bull, Whitehall Sultan, needs no introduction to the Short-horn fraternity. He has won numerous championship honors and is the sire of champions in competition with the best herds of this country. An instance of this character is found in the son of Whitehall Sultan, Whitehall Marshall, champion at the International, 1905 and 1906, as well as various state fairs. Whitehall Marshall was recently sold at the highest figure paid for a Short-horn bull since the Mills dispersion sale. Several of his get are listed in this sale. The bulls now in use in Anoka herd, Whitehall Sultan and three of his sons, Whitehall King, Anoka Sultan and Red Sultan are a quartet unsurpassed on this continent. Whitehall King has been in use for two seasons past. His get, both bulls and females, are of the same good type which the Sultan breeding has produced, the type which have proven winners in American show rings. Several of the cows are safe in calf to the service of this bull, and those who wish to add valuable females to their herds may be assured of something good in the get of Whitehall King. He is a massive, well-finished bull of show-yard merit. Anoka Sultan, to whom many of the females are bred, is a bull of superior merit. He resembles his noted sire in many respects more closely than any of his get. A wonderful head, with masculine characteristics so prominent in the get of Whitehall Sultan, good, level lines, a bull of great scale, and yet all the points so well covered with flesh as to make him a wonderful show bull. Red Sultan is another of the good sons of Whitehall Sultan to which many of the females are bred. As his name indicates, he is a beautiful red in color and is of strictly show-yard character. He resembles his sire in many respects and is one of the thickest-fleshed bulls the writer has seen. The females bred to these noted bulls should attract the attention of the Short-horn breeders throughout the entire country. A number of the cows will have calves at side sale day sired by Whitehall Sultan, while others are well along in calf to him. A better lot of females, both in point of breeding and individuality, has never been offered to Short-horn breeders. In no previous sale has Mr. Harding offered as much blood that is producing the best show cattle of the present time as in this one. Not one animal has been listed but what will prove a valuable addition to any herd, while a number of them have already proven their worth as show-yard material in the shows

of the past season. The bull consignment is a notable one. Ten bulls have been listed, every one of which is suitable to head the best herds. Mr. Harding is modest in the claim that he is listing five bulls superior to any that he has sold in any previous sale. They are strictly show animals in every respect. Practically the entire offering is made up of Scotch blood and individually good enough to please the most discriminating breeders. In our next issue we will have more to say regarding the offering individually, but we urge our readers to apply for catalogs at once, which contain many illustrations of this noted offering. Look up the advertisement on page 33 of this issue and plan to be present at this noted sale. Kindly mention The Homestead when writing for catalog.

### Trumans' Stallion Sale.

We wish to again call the attention of our readers to the public sale of imported Shire and Percheron stallions which will be held at Kansas City, Mo., on Wednesday, March 27th, by Trumans' Pioneer Stud Farm. Thirty head—twenty Shires and ten Percherons—have been selected for this occasion. These stallions have been at the Kansas City stables for some few weeks past and are not a lot of cheap horses selected for the occasion, but are some of the best which this firm have imported. In fact, the bulk of this offering was imported in December. When Messrs. Truman concluded to open a branch stable at Kansas City, it was with a view to offering good stallions to the people of the Southwest, and that their object has been clearly carried out will be seen by those present on sale day. We wish to emphasize the fact that these horses are to be sold to the highest bidder without reserve of any kind. This firm have been engaged in the importing business since 1872, and in all that time have always conducted their business along right lines as is clearly evidenced by their hundreds of satisfied customers throughout the entire country. The senior member of this firm resides in England in the heart of the Shire breeding district and has the opportunity to secure the best horses bred in that section of the country at all times of the year. He has selected a lot of horses which will please the most discriminating buyer. We take pleasure in recommending this firm to our readers and wish to assure all who attend the sale on Wednesday of next week, that they will be well treated and well pleased with the offering in every way. The sale at Kansas City does not in any way affect the business in Bushnell. No horses have been shipped from there to Missouri for this sale. There are now in the barns at Bushnell as good a lot of horses as Messrs. Truman have ever imported to this country. Those of our readers who have not as yet secured a stallion should visit either the barns at Bushnell or Kansas City before making selection and we are sure that they will find at either place stallions which will suit them in every way. The beautifully illustrated catalog will be sent to all who write for it as per the advertisement on page 40 of this issue. Kindly mention The Homestead when writing.



# Kansas City Short-horns and Herefords, April 2d to 4th—Big Breeders' Three Days' Joint Sale. Short-horns April 2d, Herefords April 3d to 4th.

A big breeders' three days' joint sale will open at Kansas City, Mo., in the stock yards sale pavilion Tuesday, April 2d, with Short-horns; Wednesday, April 3d, with Herefords, and reaching the grand climax on Thursday, April 4th, with the Swinney dispersion of Clover Leaf Herefords, the latter event being entirely separate and distinct, but arranged to follow the other dates for the convenience of those desiring to attend both sales with only one trip and one expense. OPENS WITH SHORT-HORNS APRIL 2D.

Consignors from four states have listed cattle as follows: David Jay & Son, Blakesburg, Iowa; C. B. Claypool, Marshall, Ill.; Jason Kinne & Son, Liberty Bell Herd, Hamilton, Mo.; John Regier, Whitewater, Kan.; W. A. McMehe, Walnut Grove, Mo.; R. J. Conneway, Elk City, Kan. Others desiring to join should address D. R. Mills, sale manager, Des Moines, Iowa. About fifty head of strictly high-class cattle, including such popular families as Butterflies, Bracelets, Secrets, Young Phyllises, Young Marys, Rose of Sharons, Matildas, Minnas, Lady Elizabeths, etc., are being cataloged. About one-half of the consignments are big, strong bulls, six or eight of them being pure Scotch, good ones, while the elegant list of Scotch-topped young females are well worth looking after. A pedigree of remarkable breeding is that of a pure Scotch bull in Mr. McMehe's consignment, same being the red two-year-old Orange Butterfly Godoy 227147. Seven of this bull's immediate sires and also seven of his dam's were bred by Mr. Amos Cruickshank and he is hard to beat individually. Another pure Scotch bull is Mr. Claypool's Royal Seal 231758, of the veteran, S. F. Lockridge's breeding, and by Golden Lancaster 182847, belonging to the famous Brawith Bud family, and which Mr. Lockridge claimed to be the best bull he ever bred. Five of Royal Seal's dams were bred by Mr. Cruickshank, and he is a half brother to Mr. Leonard's great bull, Golden Crown—a show bull and fit to go to the head of a good herd. Another sample of the good things listed is Mr. John Regier's pure Scotch, red, two-year-old bull, Wittekind 259624, of Mr. T. J. Wornall's breeding, sired by the famous Marr Missie-bred Conqueror, sire of most of the Wornall show cattle the past few years. Mr. Regier paid Messrs. Wornall \$400 for his dam and Mr. Wornall pronounced her the pick of his herd at the time. Messrs. Jason Kinne & Son's Liberty Bell herd is splendidly represented in this sale with excellent individuals of both sexes, largely of Mr. George Bothwell's breeding and by such sires as Grand Victor, Golden Laveur, Chief Violet 4th, etc., of which extended mention will be given later. Messrs. David Jay & Sons are sending a car of big, stout bulls that are bred in the purple, in fine shape and ready for service. Of these the pure Scotch Orontes is an outstanding individual that will command attention. There are also some Bracelets and Young Phyllises in this consignment that are especially attractive, as are also the bulls listed by Mr. Conneway. The above are only a few samples of the large number listed. About ten more good ones can be added if pedigrees are forwarded at once. For catalogs and entry blanks address D. R. Mills, Des Moines, Iowa.

## OPENING OF HEREFORD EVENTS AT KANSAS CITY, APRIL 3D.

The opening of the greatest Hereford event of the season takes place at Kansas City, April 3d, followed by the Swinney dispersion April 4th. The catalog is ready and may be had upon application to D. R. Mills, sale manager, Des Moines, Iowa. Fifty head are listed for Wednesday's sale from breeders of three states, as follows: Clarence Dean, Weston, Mo.; Chas. Peagan, Charleston, Ill.; Chas. H. Hartung, Van Horne, Iowa, and H. L. Libbey, LaPlata, Mo., and others desiring to join at once. Many superb bulls and a splendid array of females are listed. The car load consignment of Mr. Hartung are bred in the purple and were selected at the Chicago International last December, as the nucleus for an up-to-date herd of modern Herefords, but on account of change of plans he reluctantly disperses them in this sale. They represent Dandy Rex, Beau Donald, the prize-winning Masquerader by Lamplighter, etc., and are good enough to go anywhere. Mr. Clarence Dean has been a regular exhibitor at the Royal and has good cattle. He is sending a car load of granddaughters of Beau Brummel, Columbus, Java, Weston Stamp, etc., together with his great young herd bull, Shadeland Diplomat 2d 166177, weighing 2,600 pounds at three years, a prize winner at the Royal, which he will exhibit, as some of the heifers are bred to him. Mr. Peagan is making a dispersion sale of twenty head of coking good ones, descendants of old Beau Brummel and Columbus 39th, half brother to the famous \$10,000 Dale. His fine consignment includes some splendid bulls and many superlative females, of which extended mention will be given later. A few more good ones will be listed in the supplement if pedigrees are forwarded at once. Don't fail to attend this sale and remain over for the dispersion of the Clover Leaf Herefords the following day. For catalogs and entry blanks address D. R. Mills, sale manager, Des Moines, Iowa.

## SWINNEY'S HEREFORDS AT AUCTION.

The Hereford dispersion to be held at Kansas City, Mo., on Thursday, April 4th, the third day of the big breeders' joint sale by Mr. W. G. Swinney, of Bois D'Arc, Mo., will be a sale that breeders can well afford to attend, as there will not be another such opportunity offered soon to buy as many well-bred cattle and as many grand good individuals. There is not an unprofitable cow listed, as Mr. Swinney never allowed this kind to accumulate at his Clover Leaf farm. The herd bulls that are now in service are Brigadier, the prize-winning son of Lamplighter, and Dale Jr., a son of the champion Dale, for which Mr. Swinney paid \$1,500 when a calf. Thus it may be seen that the herd bulls are right. In females the herd is one of the strongest in America, from the standpoint of individual excellence as well as from a pedigree standpoint. We wish to call attention to

the five daughters of that great sire, Beau Brummel. Where are five daughters of this great bull to be had outside of this dispersion? Every one is a good one. One of the choicest of these five great cows is Rosetta, a six-year-old, that sells with bull calf at foot by Brigadier, and is rebred to Dale Jr. Rosetta is a good, evenly-bull cow with a fine head and horn and is a flesh carrier. She is best described as a modern Hereford and good all over. Another good one is Daisett 15th with heifer calf at foot by Dale Jr. and rebred to Brigadier. Daisett 15th should be appreciated by someone who wants an absolutely good one. Miss Beau Brummel, out of a daughter of Muscatelle by Andrew, and her four months heifer by Brigadier, will be found fine things to add to any herd. She is safe in calf to Brigadier. Miss Beau Brummel is a four-year-old. Lady Stanway 7th is out of a daughter of Don Quixote, a full brother to Don Carlos. She is seven years old and safe to the service of Brigadier. Few more reliable cows are found and she should be appreciated by some critical buyer. There is another daughter of Beau Brummel in the sale, but we have not her name. She, like the others, will be found one of the right kind to add to a herd. There are a whole lot of good ones by Brigadier, others by Andrew, Swordsman 3d, Jurymen and Meadow Lad. Individual excellence has always been looked after by Mr. Swinney and those who will send for a catalog will see that the breeding is all that could be desired. Write for one today and arrange to attend the sale if you can use a high-class female or two or want a herd bull. There are fifteen good ones in the sale, all weighing from 1,200 to 1,500 pounds, and bred along Anxiety lines; a few are by Dale Jr., the best cross Mr. Swinney has found on Anxiety-bred females. Attention is called to the big, Short-horns and Hereford sales at the same place on Tuesday and Wednesday. This joint arrangement was made for the convenience of buyers desiring to take in all three events with one trip and one expense. See page 34 for advertisement and when writing Mr. Swinney kindly mention The Homestead.

## High-Class Herefords to be Sold.

What is considered one of the greatest Hereford attractions of recent years will be the sale of the Stanton Breeding Farm Company and Messrs. Edmonds, Shade & Co., at Sioux City, Iowa, at the stock yards sale pavilion on Wednesday, April 3d. The class of cattle which these two firms produce is known to stand in the front ranks, both as to blood lines and breeding character. The very best bulls and dams have always been maintained in their herds that money could buy and this sale will be the very tops of their produce. We want to impress upon the readers of this paper that there will not be an inferior animal, either male or female, in the sale. We make this statement for the reason that there has been some inferior stock contributed in the general combination sales. These two firms have been firm in the belief that the breeders and farmers will appreciate an offering such as they are making at Sioux City and they hope to have an appreciative crowd at the sale. The consignment will include twenty bulls of outstanding merit, conformation and breeding and twenty choice, young, bred heifers and cows with calves at foot. Mr. Mortimer includes in this offering the best lot of ten bulls and ten cows that has ever been produced on the Stanton Breeding Farm, a lot of Beau Donald 7th, Brick Mason and Climax heifers. One of the good ones they are offering is Donald Climax by Beau Donald 7th, dam by Climax, bred to Rex Maximus. She is very heavy and even from end to end, deep, wide and thick-fleshed, a splendid heart girth, with lots of scale and substance. One of the very best things in their offering is a 1,600-pound cow, got by Hobert, a half brother to Woods Principal, grand champion steer at the International Live Stock Show, 1903. She is a grand good cow and would make an attraction in any herd. One of the best bulls that has been produced on their farm is Don Donald got by Beau Donald 7th, dam Duchess of Bedford 20th, and a Lord Wilton-Anxiety-bred cow. This is a young bull fit to head any herd, at twelve months old, weighing 1,000 pounds, splendid color, scale and substance and is a half brother of Prairie Donald, junior champion at the International in 1903, and sold in the International sale for \$1,500. The other bulls are a good, strong, growthy lot of popular blood lines and run from fourteen to sixteen months of age. The principal herd bulls are the great Beau Donald 7th, considered one of the best breeding bulls in Nebraska, also Climax and the great show and breeding bull, Rex Maximus. Messrs. Edmonds, Shade & Co.'s offering of ten young bulls and ten young cows and bred heifers, including all of their 1906 show herd, except their herd bulls and aged cows, is without exception the strongest lot that was ever produced on the Shadeland Stock Farm, some of which will not be equalled in any sale this season. One of their best young bulls is Shadeland King, first-prize bull in the under year class at the Interstate Fair, 1906, by King Edward, champion bull at the same fair. He will make a bull of wonderful scale and finish when matured. He is a mellow, thick-fleshed fellow, heavy coat and good markings, with an extra good middle and heart girth. Another good one in the offering is Oakland, by Sir Albany 9th by Imp. Albany, and his dam is Delight 3d, second-prize heifer at Interstate Fair, 1905-6. Oakland is a prospect for a yearling show bull for next year. Another very good young bull is Sir Admiral by Sir Albany 9th. His dam, Zephyr, is by Freen Lance and is a full sister to the great show cow, Delight. Prince Edward is another of the good ones by King Edward and out of Columbus Locket, second dam Imp. Kensington Locket. They are also offering three choice grandsons of Corrector, sired by Sir Hesiod by Corrector, out of a Hesiod dam. Their offering of bred heifers are by Columbus 35th, King Edward, Imp. Passport, including the first-prize yearling heifer at the Interstate Fair, 1906, Lady Passport by Imp. Passport, bred Nov. 8, 1906, to King Edward; Edward's Lassie, first prize under year heifer Interstate Fair, 1906, by King Edward, sweepstakes bull Interstate Fair, 1906; Shadeland Queen, second prize yearling heifer at the Interstate Fair, 1906, by Imp. Passport. One of their great show heifers, Columbus Belle,

... J. H. ENO'S ...

# Angus Dispersion

TO BE HELD AT HAVELOCK, POCAHONTAS COUNTY, IOWA, WEDNESDAY, MARCH 27, 1907

55

Females of the Leading Families

55

COWS sired by Baron Inca 58611 of the late Wm. Miller herd, also by Cranewood Black Knight 39477 and others. These cows are regular producers of high grade stock as their offspring will show. A number have calves at foot. Herd bull is Cottonwood Floyd 45416 by C. Gaybird 31327 out of Finery 28992. Here are snaps but I need the money.

Five Young Bulls 9 to 12 Months Old. They and the heifers are sired by the herd bull. My young stock is in splendid condition. Nothing will be overfat.

Thirty-six Head pure bred Poland sows and gilts of Perfection breeding. Bred to Highland 66223, grandson of Keep On. All big growthy stuff. Snaps for farmers or breeders.

Sale under cover—Free entertainment—Write for catalog.

J. H. ENO, - HAVELOCK, IOWA.

COLS. IGO, SHARTLE AND GROVES, AUCTIONEERS.

JACKS.

..... DeCLOW'S .....  
JACK & HORSE SALES

I have fifty-five jacks on hand at this writing, the largest and best ones in the United States. Public sale advertisements are rather alluring to prospective customers, but those who attend sales, please remember that if they fail to buy they should come direct to my place. I have the largest number of large, fine, big-boned, heavy-set, tried-out jacks of any man in America. No other man has as large a number as I have on sale, and you can get what you want. My prices are lower than those of any other man in the business. Also remember, I am selling big, fine, ton stallions every day at prices ranging from \$900 to \$1,250, each. I will prove to you that no other importer is offering such bargains. A list of my sales of jacks and stallions in the past few days appears below:

JACKS		PURCHASER.		PRICE.
NAME.	NO.	Wm. Mott, Mandale, S. D.	.....	\$ 500
Maltese King	50165	Haynes & Lowrey, Garwin, Iowa	.....	Private
Sweepstakes	50161	Christian Raker, Milford, Cal.	.....	500
Sample	50127	G. H. Stowell, Wilmet, S. D.	.....	1,000
Bonfire	50141	A. P. Brownell, Central City, Neb.	.....	800
Nero	50170	A. C. Palmer, Elgin, Neb.	.....	1,250
Matchless	50142	Frank Fee, Olmstead, N. D.	.....	1,000
Hedgewood	50143	J. W. Patterson, Sterling, Col.	.....	1,550
Antagonist	50145	W. S. Pound, Churdan, Iowa	.....	750
Pompus	50146	Edward Siegrist, Ceresco, Neb.	.....	1,150
Conquest	50147	Seward Berhaw, Huxley, Iowa	.....	1,300
Heavyweight	50148	Thomas Bell, Lusk, Wyo.	.....	1,000
Black Dan	50150	Miles & Phillips, Savanna, Ill.	.....	1,200
Guide	50163	Thos. French, Veederburg, Ind.	.....	1,250
Sensation	50152			
HORSES		PURCHASER.		PRICE.
Percheron		W. B. Dannen, Melbourne, Iowa	.....	1,150
Belgian		H. Reicks, Waucoma, Iowa	.....	900
Belgian		August Martin, Luxemburg, Wis.	.....	1,400
Belgian		R. N. Flack, Churdan, Iowa	.....	1,150
Percheron		J. W. Patterson, Sterling, Col.	.....	1,200
Belgian		E. C. Ragau, Colo, Iowa	.....	1,050
Percheron		C. W. Sawtell, Colo, Iowa	.....	1,200
Belgian		A. P. Brownell, Central City, Neb.	.....	1,200
Percheron		Edward Siegrist, Ceresco, Neb.	.....	450
Shire		William Meyer, Latimer, Iowa	.....	150
Percheron		William Meyer, Latimer, Iowa	.....	950
Percheron		Company at Conrad, Iowa	.....	1,450
Percheron		Tom Sellars, Vinton, Iowa	.....	1,100
Belgian		Jacob Hammond, Lisbon, Iowa	.....	Private
Percheron		John Tjaden, Wellsburg, Iowa	.....	Private
Belgian		Albert V. Johnson, Exira, Iowa	.....	1,000
Percheron		Thompson Bros., Arlington, Neb.	.....	1,200
Percheron		Wm. Johnson, Horine, Mo.	.....	1,000

W. L. DeCLOW, - CEDAR RAPIDS, IOWA.

# FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

## Jacks for Sale.

### 25 Black Jacks

FROM 1 to 6 years old, as good as are bred. I make a specialty of size, heads, ears, bone, foot and constitution. Write or come at once.

G. M. SCOTT, Rt. 2, - REA, MO.



## KENTUCKY BRED

### 75 Kentucky Bred and Imported Jacks For Sale.

We have more good Jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

J. F. COOK & CO., Lexington, - Kentucky. Or Branch Barn, Newton, Kansas.



by Columbus 35th, bred August 13th, to Sir Albany 9th, is a heifer of wonderful substance, mellow, thick-fleshed and full of quality. She is a winner in any company. They also offer two young show cows, with calves at foot. One is Rachel Randolph by Imp. Randolph, with heifer calf at foot by Columbus 35th and Columbus Lynn, by Columbus 35th, with a bull calf at foot by Sir Albany 9th. There will also be several choice heifers bred to the \$6,000 Imp. Albany, one of the greatest show and breeding bulls of two countries, that recently has been put at the head of their herd. Some are bred to the grand old bull, Columbus 35th, considered the best living son of Columbus; also to King Edward, sweepstakes bull Interstate Fair, 1906;

the undefeated bull in class in South Dakota and Nebraska State Fairs, 1904, and Interstate Fair for four consecutive years; also Imp. Passport, the grand champion bull over all breeds and ages South Dakota State Fair, 1904. There has not been a better offering sold at public sale of late years than will go through this sale. If any of our readers are wishing to add some choice young cows to their herds or are in need of a herd bull, or those that are contemplating starting a herd and want some good foundation stuff, we earnestly request them to be present on the above date. Catalog giving full description of the entire sale offering may be had by addressing Mr. J. A. Shade, Kingsley, Iowa, and mentioning The Homestead.



JACKS.

\* ABERDEEN ANGUS CATTLE.



**Pike County  
Jack Farms**



.... FIRST ....

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AT FARM NEAR BOWLING GREEN, MO.,  
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**75 GREAT BIG MAMMOTH JACKS**  
**25 JENNETS--SOME WITH JACK COLTS**

We are selling the best lot we have ever owned.  
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**BULLS FOR SALE.**

Twelve to Fourteen Months Old.

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Prides, Queen Mothers, Heather Blooms, Ro-  
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WE have a fine "Queen Mother" bull, three years  
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**H. A. Eyeland & Son, Jamaica, Guthrie County, Ia.**  
Young Angus Bulls and Females.

HEADED by Patriot, Boy 71682 by Proterus  
36880. We have a number of young bulls 9 to 16  
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**PLEASANT HILL ANGUS.**

SPECIAL prices for 30 days on 10 bulls, 20 cows and  
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Baltimore of Glendale 24275, a prize-winner and sire  
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ABERDEEN-ANGUS bulls for sale, of the fast-  
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allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## Paradise Stock Farm's ANGUS BULLS

PRIDE'S Albion 5th, 53114, my double Pride herd  
bull is offered as I retain so many of his heif-  
ers. Also a number of young bulls, several by him.  
Would also price females right. Write me.

**W. F. Eckles, Green City, Mo.**

## WHEATLEY AND WARD'S —ANGUS CATTLE— Bulls For Sale

(NOT by Maplehurst Proterus 47351, Hale Lad 24  
42497 and Gardner's Pearl Rosegay 52637 and out  
of Queen Mother, Pride, Erica, Heather Bell, Easter  
Tulloch and other families of cows. Write us.

**WHEATLEY & WARD, King City, Missouri**

HEREFORD CATTLE.



BEAU BRUMMEL.

## 8 Young Bulls for Sale

from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers  
for sale. Popular prices for high-class  
stock. Address

**G. W. WAY & SON,**  
New Sharon, Iowa  
Call at Way's Hardware store for free conveyance  
to the farm.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

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## HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows  
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an imported bull. All good stuff, and will be priced  
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FOR SALE—20 two-year-old heifers, bred; 30 bulls,  
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## 40 Choice Hereford Bulls

**40 Choice Bred Heifers**

PANGING in age from twelve months to two  
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**HEREFORD BULLS FOR SALE.**  
GOOD bulls for sale, well-bred Corrector, Fullfiller  
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Bred sows safe in pig to State  
Fair prize winning boars.

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ATTENTION! Are your hogs too small and fine  
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to me and I will fix you out with a big boned, short  
legged, broad backed, heavy quartered Berkshire  
Bor, with an extra back, wide spring of rib and  
very short, broad dishd face. I will do it at  
farmers' prices.

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I AM offering a splendid lot of bred sows and gilts  
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**JERSEY CATTLE** Bulls, cows and heifers of  
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**J. R. Kuey, Adrian, Michigan.**

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## WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the great-  
est living son of old Columbus,  
at head of herd. The blood of An-  
xiety 4th The Grove 3d, Hesiod and  
other great bulls predominates in  
my herd. Young stock for sale at  
all times. Write me and tell me  
what you want. Address, **J. G. Von Seggern, R. D.  
No. 2, Winner, Nebraska.**



## ...HEREFORDS...

40 YEARLING bulls, also cows and heifers. Must  
be sold to make room. No better at any price;  
you can get bargains here. Also young Percheron  
stallion for sale. Address,  
**Rush Park Stock Farm, Independence, Ia.**

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Young bulls of serviceable age, from 15 to 30  
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Southington (Imp.). Write me,  
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SHORT-HORN CATTLE.

## BANNER'S VICTOR 242584 FOR SALE

2D PRIZE YEARLING SHORT-HORN BULL in  
Iowa, special class at Iowa State Fair, 1906. Rob-  
b, just past 2 years old. A splendid short-horn in-  
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## SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls,  
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One good Poland China Boar 11 months old. Prices  
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FOR SALE—Six good bulls from 6 to 18 months  
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Otter Creek Stock Farm.

## WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd.  
Wish to sell 50 head quick. Farmer's prices.  
Come or write.

## FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn  
bulls, one to two years old. For sale. Address,

**M. D. YARD, Crawfordsville, Iowa**

Walnut Grove Short-horns & Poland Chinas  
CLEAR The Way 251432, winner 1st in 2-yr-old class  
and 1st as Ia. Cham. Ia. State fair, '06 heads herd.  
Herd boars Defender 93447 by Corrector 63379, one  
of the greatest sires known to the breed, and Billy  
Sunday 83621, a very large boned hog of equal merit.  
Young stock for sale. **J. T. Judge, Carroll, Iowa.**

G. H. George, Monticello, Ia., breeder of Scotch  
Short-horn cattle and Standard Bred trotting  
horses. The Scotch herd and show bull Kingmaster  
is for sale. Also 4 yearling bulls, fit to head any  
herd. Scottish Champion 181231 heads my herd. Five  
daughters of Imp. Red Knight, 5 Victorias, 2 Imp.  
cows and other Scotch and Cruickshank families.



## SHORT-HORN CATTLE.

## SPRING BULL BARGAINS

7 SCOTCH AND SCOTCH-TOPPED Short-horn bulls for sale at modest prices, any of which would make a valuable herd header for anyone engaged in the cattle business. Some are by Goffman, some by Melba's Victor, one by Viola's Prince. Among the Scotch bulls is one red show bull, 14 months old, by Goffman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford. Address,

A. L. STUTZMAN,

NEW SHARON,

IOWA

Mentioning The Homestead.

9 Cruickshank  
Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysle, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, considered to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

EVERGREEN STOCK FARM  
SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,

Vinton, Benton Co.,

Iowa

## SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Marr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 16th dam of White Hall Marshall. They are fine individuals good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY,

Unionville, Mo.

HUGHESDALE  
REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## ARDMORE SHORT-HORNS.

## 10 Scotch and Scotch-Topped Bulls For Sale 10

SURED by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 206904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

ARDMORE STOCK CO.,  
Holstein, Iowa

## MALAKA SHORT-HORNS.

Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me.

H. D. PARSONS,

Newton and Baxter

Iowa

Scotch and Scotch-Topped  
HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Moan Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEANSBURG, ILL.

## Bulls For Sale

THE Iowa State College is offering for sale one good Short-horn herd bull coming three years old; five Short-horn bulls coming one year old; three yearling Red Polled bulls and one Holstein coming one year old. All of good breeding, good individuals and at reasonable prices. Address,

Iowa State College, Division of Agriculture,  
AMES, IOWA.CHOICE SHORT-HORN CATTLE  
FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER,

Newton, Iowa

## 4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES &amp; SON,

Harian, Iowa

## BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

N. A. LIND,

Rofle, Iowa

NOVINGER & SONS'  
SHORT - HORNS

WE are now offering a line string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here; Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER &amp; SONS,

Kirksville,

Missouri.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duches of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR & SON,  
Davenport, Iowa.

## CATALOG

Of Young Bulls For Sale  
Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, IowaBARGAINS IN  
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD &amp; SONS,

ALBION, IOWA, or LINCOLN, IOWA.

CRUICKSHANK  
BULLS

I HAVE a choice lot of young bulls for sale of the Duchess of Gloster, Secret, Victoria and other well known Scotch families. If you are looking for a herd header, come and see me. Address,

C. C. NORTON, CORNING, IOWA

SCOTCH BULLS  
FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

WILDWOOD SHORT-HORNS  
ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,

W. W. VAUGHN, Marion, Iowa

## Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopeful Knight. Bulls for sale at all times.

G. H. BURGE, - MT. VERNON, IOWA.

PLAIN VIEW STOCK FARM.  
SHORT-HORN CATTLE AND DUROC JERSEY HOGS.

Twelve red Short-horn bulls for sale. Geo. A. Hais, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

JONES CO. HERD OF Herd {Slittytton Sort 173649  
SHORT-HORN CATTLE Bulls {Wampun of Wayside 243046

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Prop., Oxford Junction, Ia.

CEDAR LAWN Short-Horns and Polled-Durhams. Ten blocky bulls for sale, ranging from six to twenty months old. Sired by Orange Bud 135884 and Athenian Prince X1773. Prices right. Address, J. Z. Schneider &amp; Son, Letts, Iowa.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordon &amp; Dunn, Central City, Ia. Maine Valley Stock Farm.

## DUROC JERSEY HOGS.

## FOR SALE.

THE produce of Tip Top Notcher 20723, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING &amp; McCABE,

Hersman, Brown Co., Illinois

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and lifted all but one. We breed the winners. Stock of all ages for sale. Write or come

WATT &amp; FOUST, CEDARVILLE and XENIA, OHIO

BUDDY K. IV HIGHEST PRICED DUROC BOAR  
...EVER SOLD AT AUCTION...

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted sires for sale at reasonable prices.

Mc NEIL BROTHERS,

BOWEN, ILL.

AMERICA'S GREATEST DUROC HERD  
Owned by S. E. MORTON & CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

## ONE DUROC JERSEY GILT.

SURED by Top Notcher 10th, dam by Ohio Chief, bred Jan. 8th to Commodore, king of the breed, price \$200.00. Our sale averaged \$180.00 on 31 head. Address,

AMOS W. HARRIS &amp; SONS, Box 60, WAVERLY, KY.

CRIMSON WONDER I AM 34697 HEADS THE AMERICAN  
HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

U. G. DAVIDSON, MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

GOLDEN  
HERD  
DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. -Write for prices. Inspection invited.

Thomas &amp; Hogsett, Golden, Ill.

## Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief 1 Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

40 DUROC-JERSEY BOARS. 40

SURED by Chief of Chiefs, a son of the great S. Whinnish Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - KENNARD, NEB.

## PIONEER HERD DUROCS.

WE have several good boars sired by Royal Top Notcher 23639. Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address

Arch Brown &amp; Sons, Waterloo, Nebraska.

## KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL &amp; SON, MACON, ILL.

## FALL BOARS TO HEAD-HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.

H. B. GRIFFITHS, Bowen, Ill.

## PROUD ADVANCE DUROC BOARS.

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us.

MANLEY &amp; CO. LYONS, NEB.

## FOR SALE—Forty Duroc Jersey bred sows and

gilts. The best of breeding. Prices reasonable and satisfaction guaranteed. Write your wants or come and inspect our herd. Free livery, Buckeye, Iowa, mail, Alden, Iowa. J. W. Briggs.

## PLEASANT DALE STOCK FARM

Geo. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

## SPRING boars sired by fancy Crimson Wonder.

Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

## FORTH SALE—Duroc Jersey gilts bred for April and

May farrow to Golden Tip 17911A, also a few boars sired by Red Champion 12511A. Prices reasonable. Write, F. Bowman, Eldora, Iowa.

## If you want choice pigs sired by Fashion Improver

by Improver 2d, out of sow Fashion, write me. Spring boars priced right. S. P. Briggs, Seward, Neb.

## GILTS! GILTS! GILTS! Duroc Jerseys.

Address, The Roycroft Farms, Mutual Phone 794, Des Moines, Iowa

## CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Humeston, Iowa.

L. H. ROBERTS &amp; SON, PATON, IOWA.

CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

## RED OAK HERD

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 48087, a son of Kant Be Best. They are safe and ready to ship. They are sired by Top Notcher's Model 37663. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwesterns.

J.W. Troy &amp; Bros. Props., Rosehill, Mahaska Co., Ia.

## DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. J.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Nidlinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$75.00, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IL.

## HAVE a few good Duroc bred sows for sale, bred

to Chief Knight and Imp. King. Also have a few extra good Sept. male pigs, sired by Hainu Challenger 31277. They have good length, extra broad with good bone and feet. To make room for spring pigs will be sold at very reasonable prices. F. A. Ham, Sarouville, Nebraska.

## 10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Alix and Redwood Chief.

AUSTIN RENSIAW, Blair, Neb.

## 20 Duroc Jersey Gilts

AND 6 yearling sows, bred, all choice ones. Write, S. M. Deyoe & Son, Mason City, Iowa.

80 BIG BONED DUROC JERSEY RED PIGS 80  
FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

## FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in 1 Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. Garrett, Lohrville, Iowa.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K. Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL - BLAIR NEB.

## SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

## GREENDALE HERD DUROC JERSEYS.

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.

F. H. HERRING, Kalona, Iowa

Shipping point Iowa City.

## Havelock Herd Duroc Jerseys

Nothing now for sale. Best of blood represented.

E. K. YOUNG &amp; SON, Havelock, Neb.

## 25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen, Odell, Ill.

## Smith Brown's Duroc Jerseys

THE home of the winners, 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN, Waterloo, Neb.



## CHESTER WHITE HOGS.



## SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neppusset, Illinois.

## EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

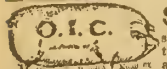
Write for descriptive catalog.

W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA

## Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kelsor and Perfection.

## Chester White Spring Pigs All Sold.

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, JAMES WILSON & SONS, AVOCA, IOWA

## JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH, BEATRICE, NEB.

## POLAND CHINA HOGS.

## 50 BIG POLAND CHINA SOWS AT PRIVATE SALE

Sired by Gay Monarch, My 1,000-lb. Boar, Perfect Chief 2d, Winsome Dude and Monarch Jr.

SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and prolificacy is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

E. F. ESCHER,

Manning, Iowa

GAY MONARCH, The 1,000 lb. Boar.

## POLAND CHINA BOARS

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE, IOWA.

## Willowdale Herd.

Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred Harry Wyandotte cockerels, \$1.00.

HARRY R. SMITH, Maynard, Iowa

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandville, Illinois.

POLAND China fall and spring gilts, bred to farrow in Mar. and Apr. to L's Sunshine and Onward. Sired by great boars and out of popular bred dams. The kind that will make you money and will be sold very reasonable. Have a few barred rock cockerels. Write and describe what you want. A. C. Lanham, Battle Creek, Iowa.

CHOICE POLAND CHINA GILTS Bred to M's Perfection, a splendid hog sired by Matchless Perfection Jr. If you want something good at a reasonable price write me. Address, F. L. Morse, Floyd, Iowa.

## 50 Poland China BRED SOWS.

Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, Lanark, Ill. On C. M. & St. P. R. R., 120 miles west of Chicago. 20 miles east of the river.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Matchless Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have blue smooth coats and are from best strains of Poland China breed.

M. G. Arnold, Strawberry Point, Iowa

## W. H. JONES, CLEMONS, IOWA

POLAND CHINA SOWS AND GILTS

GOOD profitable breeders, growthy, lengthy and right in bone. Sixteen years' breeding experience. Mail orders a specialty.

## HORSES.

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pumped with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## FOR SALE—FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES

IMPORTED and native-bred, ranging in age from 13 to 6 years old and weighing from 2,100 lbs. to 2,200 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered. C. T. Gollehon, Blair, Neb.

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me. G. C. HARRISON, Blencoe, Iowa.

## FOR SALE AT A BARGAIN KING WILLIAM 12782.

Registered French Draft Stallion. Foaled June 1899, Weight 1,800; also have some Scotch top bulls for sale. W. A. JOHNSTON, Prairie City, Iowa.

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

20 IMPORTED Percheron stallions arrived Jan. 4, 1907. Your choice, but one, for \$1,000. Also home-bred stallions. Frank L. Stream, Creston, Ia.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evera, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. I.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Lincoln county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Chocely bred bulls, also some heifers and cows for sale at zero prices. Come and see or write. G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once. Virginia, Neb. OTHO BOYD,

Joseph Kestel, John Schrotberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

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RED POLLED CATTLE FOR SALE. Both sexes, at reasonable prices. Frank L. Pim, Lucas, Iowa.

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I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Oak Lodge Mustang 8th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

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SPECIAL offering now of 166 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

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HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

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Percheron and Belgian Stallions In America.

Prices, \$1,000 to \$1,400; mostly \$1,000 to \$1,200 each. New importation of German Conchers arrived Mar. 12, 1907, \$1,000 each. Write for photo of fifty head. Address,

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Please write for photographs of stock.

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Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

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SAFETY IMPREGNATING OUTFIT

Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every horse breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular. I. D. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

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2 will be 3 years old this spring, 1 will be 2 years

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THEY are of the best of blood, the sire being full

of Top Gallant blood and the dam being by

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Good Stallion For Sale.

I HAVE two good Percheron mares that I will

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They are jet black and will weigh right at 1,900 lbs.

I also have a fine two-year-old stallion colt by Ca-

sino 27830 first prize and champion at World's Fair

in 1904. Write me for particulars.

E. C. GWINNER, Holdrege, Neb.



# PUBLIC SALE OF 50 REGISTERED



# SHORT-HORN CATTLE



**AT MASON CITY, IOWA, MARCH 28TH**  
**7 PERCHERON STALLIONS AND ONE CLYDESDALE MARE---ALL REGISTERED STOCK**

On the above date I will sell, included in the 50 head, twenty head of pure Scotch cattle, among which is Imp. Zoe 5th and Roan Ribbon. Each of these two famous cows have calves at foot. Will sell ten head of young bulls. A great many of the cows in this offering have calves at foot. The first twenty head cataloged are the choicest that I have ever offered. The females will be bred largely to Hampton's Marshal, one of the best sons of Imp. Merry Hampton. A brother to this bull sold for \$1,000. Imp. Roan Ribbon is a daughter of Imp. Red Ribbon 2d, which I sold in 1902 for \$1,000. She has a splendid cow calf at foot by Prince Victor and is rebred to Hampton's Marshal. The sale will be held in Mason City where all can be made comfortable. Address for sale catalog,

**A. H. BRETT,**

MENTION THE HOMESTEAD

**MASON CITY, IOWA.**

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## Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

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## TAYLOR & JONES'

**New Importation**

**ARRIVED MARCH 9TH.**

Our barns are now filled with imported and home-bred PERCHERON, SHIRE and BELGIAN STALLIONS. Don't you know that PUBLIC SALES of stallions only indicate a cheap lot of trash, or that the sellers are men who CAN'T DO A BARN BUSINESS? Did you ever know a merchant to sell groceries at auction? Would you buy a gold watch at auction? We use no slick salesmen to sell our horses. They are good enough and our reputation so clean that we are selling more horses than ever before, which proves our prices are the lowest, our horses the best and our manner of doing business is satisfactory to our patrons. For catalog address,

**TAYLOR & JONES,**

BOX 68,

**WILLIAMSVILLE,**

**ILLINOIS.**

## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding studies, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landshaftwart O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the finest and best the old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

**OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.**



## PUBLIC SALE OF REGISTERED Percheron and Shire Stallions and Mares

AND ONE MAMMOTH JACK

**At Milan, Mo., Tuesday, April 2, 1907**

### PERCHERONS

Mark Me 41579, color black, star, eight years; a sure foal getter; over 75 living foals last year. Admiral Togo, coming two years, color bay; will make ton horse. Senator Warner, coming yearling, black; Minnie 25240, gray mare; Zella 25242, sorrel mare; Mollie Belle 50185, black mare; Fanny Belle 30181, black mare.

It will pay anyone wishing to buy good breeding stock to come to this sale, where you can buy as good horses and mares as at one of the sales made by some of the large dealers, where you pay for their name. They buy from the farmers, double their money and you pay it. Come and buy from first hands. Everything sells without reserve. Send for catalog.

**Jas. A. and S. E. Niblo, Milan, Mo.**

MILAN IS ON THE O. K. AND C. B. & Q.

### SHIRES

Imp. Hoebing Craftsman 6358, color mahogany bay, seven years, a sure breeder and a horse importers sell at \$1,200 to \$1,500. Sweet Marie 8093, sorrel mare; Daisy Bell 8188, sorrel mare; Dorothy 8112, bay mare; Tom Curtis, a black Mammoth jack and one of the best jacks in Sullivan county.

## PERCHERON IMPORTING COMPANY, CHARITON, IOWA.

YOU want an imported stallion of purest breeding. With a short back upheaded, gentle and handsome. We have them. We pay the freight and return fare. We guarantee and insure every horse. We give you a square deal at a low price. GUIN ARE THE BEST. NEW IMPORTATION IN AUGUST. Blacks and dark grays. On main line and branches of Burlington Route.



**CHARLES R. KIRK,**

**CHARITON, IOWA.**

## MILLER'S IMP. PERCHERONS AND FRENCH COACHERS.



Among the Percherons are coming three and four-year-olds that weigh 1,900 pounds. They have the quality and bone; all dark colors. I am selling these stallions at the barn door at from \$700 to \$1,200. Nothing better brought over this year. I also have some first-class Mammoth jacks. Come to my barns and let me show you, or write me describing what you want. If I cannot fill the description I will say so.

Also fine litter of smooth-coated fox terrier puppies \$3 to \$7.50 each.

**S. J. MILLER,**

**KIRKSVILLE, MO.**

## ARE YOU IN THE MARKET FOR A STALLION OR JACK?

**O. P. HENDERSHOT HAS 20 KENTUCKY AND SPANISH JACKS AND 10 PERCHERON STALLIONS.**

The jacks are from 14 1/2 to 16 hands high, from two to five years old, and as good as the best. The stallions are Percheron, French Draft and Clyde, from two to five years old, weighing from 1,800 to 2,000 pounds, sound and of the right type. I will pay all your expenses to my place and return home again if the jacks and stallions are not as good or better than you will expect to see. Not a second animal in the whole lot, every animal fully guaranteed.

**O. P. HENDERSHOT, : : : HEBRON, NEB.**

FOIL sale, 4-year-old registered Shire stallion, right in every way, good bone, weight between 19 and 20 hundred. W. S. Spear, Stanwood, Iowa.

PERCHERON AND SHIRE STALLIONS. Prices from \$200 to \$600 each. Address: E. Fugler, Yates Center, Woodson Co., Kansas.



HORSES.

## Trumans' Champion Stud

We wish to announce to the PROSPECTIVE BUYERS of STALLIONS that we have at the present time in our stables at BUSHNELL, ILL., upwards of 100 OF THE VERY CHOICEST SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS and we are offering them for sale at VERY LOW PRICES, taking the EXTREME QUALITY of the HORSES into consideration. We have rising THREE-YEAR-OLD stallions weighing up to 2,130 pounds and MATURED STALLIONS up to 2,300, full of QUALITY with MASSIVE, HARD, CLEAN BONE AND GOOD FEET. Our sale at Kansas City March 27th in no way interferes with our trade here, AS THE STALLIONS ARE NOW IN OUR STABLES THERE.

Never in the history of our business have we had so many FIRST CLASS STALLIONS as at the present time and in order to accommodate ANOTHER importation that is ready to leave England, we are making SPECIAL PRICES ON OUR STALLIONS IN ORDER TO MOVE THEM.

It is our endeavor to sell IMPORTED STALLIONS AT THEIR VALUE and to this end have been working ALL THE TIME TO GET BUYERS HERE TO SEE THE STALLIONS. We have never had a BUYER GO AWAY DISSATISFIED, but all say we have the BEST lot of DRAFT STALLIONS they have ever seen. If you are going to buy a DRAFT STALLION this season PLEASE WRITE US.

Our catalog will be mailed for the asking if you MENTION this paper. Address,

**Trumans' Pioneer Stud Farm, Bushnell, Ill.**

## CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

EASIEST TERMS.  
PROTECTION FOR TWO  
YEARS.  
MOST LIBERAL  
CONTRACTS ON EARTH  
A NEW PLAN



FINEST HORSES:  
BREEDING, SIZE, QUALITY,  
STYLE, FINISH,  
ACTION, DARK COLORS.  
GUARANTEED  
FOAL GETTERS.

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A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.



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Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27233, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12810 now at head of the stud. Prices below competition. Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

**L. M. HARTLEY, SALEM, IOWA.**

## PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND." Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER" "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE." "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 75 Percherons, Belgians and Coachers 75

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES," they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

KEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holer." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

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### THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props.  
Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 championships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equaled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

J. CROUCH & SON.

Departments:

Sedalia, Mo. Nashville, Tenn. Seattle Wash. Sacramento, Cal.

## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



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## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## PETERSON'S BLACK PERCHERONS.

For \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colls. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.

H. E. PETERSON,

LYONS, NEBRASKA

**PERCHERONS FOR SALE.**  
IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdum & Wheeler, Fairfield, Iowa

**CLYDESDALE STALLION FOR SALE**  
I have a choice pure bred three year old stallion, sired by the great MacGregor horse Imp. McLure, and out of the Cedric horse, Prince Duralay, for sale at reasonable price. Come and see him. Laban Harrison, Prescott, Iowa.





VOL. LII. NO. 13.

DES MOINES, IOWA, MARCH 28, 1907.

WHOLE NO. 2593

### BACK TO THE FARM.

On the streets of one of our large western cities, a few days ago, the writer met an old farmer. He looked quite like "a fish out of water," and the conversation which followed showed that his appearance did not belie his situation. He said that, after making a great success on the farm, he had removed with his children to the city; that at first, while he had the education of his sons and daughters to look after, he had been reasonably content; but after a few years, when the young people had finished their schooling, gone into business for themselves and married, he began to find city life intolerable.

"I hate the noise, the dirt, the smoke and the perpetual excitement, hurry and worry," he exclaimed. "I long for the country. I am going out to the farm again. I shall surround myself with the things I like—horses, cattle, hogs, chickens, etc.—and spend my old age under the clean sky, in quiet and content. My wife held out for a long time, desiring to be near the children; but last week she decided for the farm, and, thank God! we are going back."

The experience of this good friend was typical. No life is sounder, sweeter or better than that of the farm. He who has known its joys, may be happy amid other surroundings if provided with congenial occupation; but when he has nothing to do, the changed situation becomes unbearable. The city has its attractions and advantages; but for real living, and rational enjoyment of God's good gifts to man, give us the farm every time. It is the best place to live, the best place to grow old and the best place to die.

### OIL MEAL FOR FINISHING STEERS.

The following communication has been received from a subscriber, Mr. J. E. Sellars:

I would like a little advice relating to the feeding of oil meal to steers. I have a bunch of two and three-year-old steers that weigh about 1,150 pounds. I have been feeding them corn fodder and kafir corn since the last of November, and recently they have been getting shredded fodder, snapped corn and oat hay. Would it pay to buy oil meal at \$1.65 per 100 for these steers and, if so, how much should be fed daily? It is my intention to market them about the 1st of August. Of course, they will be turned on grass just as soon as the grazing is good.

If these steers were to be finished in the dry lot, we would have no hesitation about advising the use of oil meal, but it is doubtful if it will pay to buy oil meal at \$1.65 per hundred and feed along with corn while the steers are running on grass.

Good grass is almost a balanced ration in itself, and its laxative effect is such as to keep the system in a state of almost perfect health. Corn alone throughout the central West is the cheapest and undoubtedly the best grain to feed to fattened steers while they are grazing. Not but what two pounds of oil meal daily might result in making still larger gains, but in our opinion corn and grass would make the cheaper gains.

Of course, there might be instances where, on the last end of the feeding period it might be advisable to use a little oil meal. Steers that weigh 1,150 pounds now will be rather heavy by August, and they will have to be fed skillfully if they make good gains until that time.

If they seem to tire of the corn and come almost to a standstill, it might be advisable to add a little oil meal to their ration, but in no case would we advise

feeding more than two or three pounds daily per steer.

### AGAINST COMBINATIONS OF GRAIN DEALERS.

A bill has been introduced in the general assembly of Iowa by Representative Stillman to prohibit agreements, contracts, combinations, trusts, pools or associations of grain dealers for fixing the prices to be paid for grain, dividing the profits of the business or doing anything to prevent the free operation of the law of competition in such transactions. It is of interest to farmers generally as showing the present strong trend of both state and national legislation in the direction of a "square deal" for the producer.

The bill seems to have been very carefully drawn, and its prohibitions apparently cover the entire ground. It applies alike to individuals, firms, partnerships, corporations and associations; forbids all the forms of combinations which grain dealers have heretofore entered into or which the wit of the trust-builder may hereafter devise and is very clear and specific in every detail. It makes those guilty of entering such combinations or trade agreements liable to the injured party or parties for the full amount of damages sustained in consequence of such unlawful acts, together with a reasonable attorney's fee to be fixed by the court in every case of recovery and to be taxed as part of the costs in the case, the property of the offender to be liable for the entire amount of the judgment.

The penalties imposed include either

fine or imprisonment, or both, in the discretion of the court, and are applicable to any person, trust, combination, pool or association, or any director, officer, lessee, receiver, trustee, employee, clerk, agent or person acting for or employed by them or any of them. The offense is declared to be a misdemeanor and the fine is fixed at not less than \$500 nor more than \$2,000 and the imprisonment is not to exceed six months in the county jail. The grand juries of the state are charged with the duty of inquiring into and ascertaining if there exists any pool, trust or combination in their several counties, or if the law is violated in any way.

### GENEROUS FEEDING.

The kind and amount of food that an animal receives determines more largely his future size, vigor and usefulness than any other thing in its environment. Only good grain and forage will make bone and muscle. There are other influences that aid. The breeding represented by the pedigree is merely a potential factor. The best kind of an engine without a careful fireman is no better than a dinky. The animal of the richest breeding facing an empty feed box is in no better position to make his owner money than the scrub. Add to this the necessity of shelter, healthy stabling and other things essential and it must be conceded that all are of second consideration in the care of the animal.

It is impossible to build a good, substantial house out of the same amount of material that a rickety structure requires. It matters little how careful and

well drawn the plans, it takes just so much lumber, mortar and stone. No architect would think of using inch lumber for studding. Likewise in the growing of stock no man should ever expect to have an animal come to maturity with the possession of qualities above the average no matter how carefully blended the blood of noted animals have been in his breeding, if the beast has never seen a full feed. The kind of soil on which a kernel of corn is planted determines its yield more than any other single factor, or set of factors, generally speaking. The kernel is never planted on the surface where it can receive a maximum amount of air and sunshine, but beneath, in close contact with the supply of nitrates, phosphates, etc. So with the young, growing animal. Planted between a musty strawstack and a stalk field he is well supplied with exercise and sunshine, but unless this part of his management is supplemented with some good corn, oats and bran there is little hope for his future. Too many farmers are inclined to stint the feed-box in order to fill the grain elevator. The importance of feeding the young and growing animal generously cannot be emphasized too strongly for the reason that the foundation of the mature animal cannot be too thoroughly constructed. The more nearly every part of the body is supplied with the right kind of material in proper amounts, the more nearly each part can approach perfect development. Each and every organ in the anatomy of the beast must do its full share of work in building up the different parts. The part is no better than the material from which it is made. To produce good big bone it requires plenty of bone-making food. To produce a mellow skin and furry coat it takes plenty of flesh-making food. Yet in view of the great demand for animals that are well developed men will starve the heifer calf till it arrives at the age of two years with the frame of a yearling and a calf at foot to further burden her growth. Others will allow the colt to come to maturity scarcely knowing the taste of good oats, while the pig crop is left to grow bone on fat-making foods.

So many think only of the present in their breeding operations. We have often wondered if the value of heredity was appreciated. A man will show you through his herd, say of cattle. He points out to you several generations of some family of which he is justly proud. Every generation has proven easy keepers and always kept in better condition than the rest of the herd on the same amount of food. One's first query is why in the world does not this farmer cull his herd and make them all of this kind? The second, why this difference between the feeding qualities? Our explanation is that the ancestors of this particular family for perhaps a score of years or several score had been generously fed. Not necessarily kept fat, but their appetites had known hunger only of the healthy kind. This trait of keeping in good flesh, possessed by each succeeding generation, finally becomes a fixed character, and therefore becomes characteristic. Thus we have families in every breed of stock that are noted for their easy-feeding qualities or their tendency to lay on flesh rapidly when given the chance. Such individuals taken into a scrub herd soon demonstrate their superiority. Of course if subjected to scrub conditions for several generations this characteristic becomes lost. If this is true, then why cannot this quality of easy keeping be developed, and intensified by generous feeding, even on the

### THE GALLOWAY WAGON BOX MANURE SPREADER. THE SPREADER FOR EVERY FARMER.



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average farm? This is something worth thinking over.

Only by generous feeding can maximum results be secured. The evil of scanty feeding is that an animal does not get a chance to show what it can do. We fail to see why any man should be skeptical on this point. It may cost \$10 more, say, to feed a colt generously up to maturity, but his superiority over a less favored animal will more than return the value of the feed, to say nothing of the greater value for breeding purposes of the well grown animal. With a vigorous, rugged constitution, sound digestive powers and active eliminative organs such an animal is ready to impress characteristics of value on its offspring if used for breeding or be a profit to his owner to whatever other end intended.

There is no one thing that is so essential to the success of the feeder or breeder as generous feeding. By generous feeding we do not mean feeding the young calf a pail of milk every feed; two gallons skim milk a day is better. It does not mean turning young stock to a full bunk every other day, neither does it mean feeding corn or any other one grain exclusively.

It does mean to feed enough of good food in variety and quantity, especially to the young animal, to make it something that will excite your admiration rather than pity. A normal animal reciprocates both good and ill treatment. The former kind is profitable in the extreme. Lack of substance and a bare loin go with an empty feed box. Generous feeding promotes growth, health, and insures profit.

## County Fair Rules and Regulations

BY R. J. KINZER, KANSAS AGRICULTURAL COLLEGE

As the time is at hand when county fair organizations should be getting out their premium lists for the fall fairs, a few suggestions regarding the rules and classifications would possibly not be out of place. Many counties in the state are holding very successful annual fairs with classifications and premium lists that are thoroughly up to date, but there are other fairs which are merely existing, and when one is familiar with the loose and unbusiness-like methods in which they are conducted, it is surprising that they are able to exist at all.

Before publishing a catalog or premium list, the board of directors should agree on a set of rules and regulations broad enough to cover all the questions that are likely to arise during the fair. Such rules should be plainly written, leaving no chance whatever for a difference of opinion as to how they should be interpreted, and the management of the fair should see that these rules are enforced and observed to the letter. It would not be a bad plan to state on the cover page of the premium list that all rules and regulations will be enforced, and that no one need ask for any special privileges. Such a statement would, perhaps, save the secretary and superintendent much worry and bother.

Some associations advertise that they will furnish hay and bedding free of charge to all live stock exhibitors. If it has been advertised that this will be done, the superintendents of the various live stock departments should see to it that there is plenty of both hay and straw on hand at all times, and that the exhibitor has suitable stalls for exhibiting his stock so that they may be comfortable, and at the same time be easily accessible for the inspection of those who attend the fair. Complaints are frequently heard from visitors that they are unable to see the stock owing to the fact that they are in crowded quarters or poorly lighted barns. These are things that the management of the fair should look into long before fair time, for those who attend the fair and pay their admission, are entitled to every consideration that can be accorded them.

The date on which entries should close in the live stock department especially, should not be later than six o'clock in the evening of the opening day of the fair, and this rule should be strictly observed. I have known cases where the entries have not been closed until the second or possibly the third day of the fair, and breeders living near the fair grounds, have visited the fair on the first day or perhaps the morning of the second day, and found some classes were not well filled, or possibly not filled at all, and have gone home and brought in stock and entered it in these classes, that was a disgrace to the owner and to the fair association to have it on the grounds. They have also asked to have the judging delayed until they could get their stock in. Oftentimes such animals are entirely unworthy of a premium at all, and are simply brought to the fair because there is nothing else in that class and the owner thinks there is a chance to win a prize without competition.

This is also an injustice to the exhibitor who has gone to some pains to fix his stock up for exhibition, and who perhaps has moved it a considerable distance. This can be overcome by positively closing all entries by six o'clock on the opening day of the fair, and requiring that all animals that are in-

tended to compete for prizes be on the grounds at that time, and they should by all means be required to remain on the grounds until the fair closes. In the horse classes, more especially in the light horse classes, there is a tendency to ascertain the time when such classes will be judged, and the owner simply drives his horse or team on the ground at that time, and then takes them home again. Such entries as this are of no value to the fair or to the visitors, and they should never be permitted. All stock that are entered for competition should be required to remain on the grounds from the time the entries close until the fair is over, unless possibly in the case of a lack of suitable stall room, stallions are allowed to be taken off the grounds after six o'clock in the evening and returned by seven o'clock in the morning.

If, after an animal has been exhibited and possibly won a prize, it should be taken away and not returned, the fact should be reported by the superintendent of that department, and any prize money or premium that such an animal has won should be withheld from the owner.

The state is now pretty well stocked with pure-bred animals of all kinds, and certificates of registration should always be required at the time of making entry. The date upon which the ages of the various classes are to be based, should be plainly printed on the preliminary classification list. Very frequently animals are found entered in the wrong class, and this difficulty can be overcome if the date upon which ages are to be based has been published and the certificates of registration are required to be presented with the entry applications, and it will also eliminate any possibility of grade animals being entered in the pure-bred classes.

If the entries are positively closed at six o'clock on the opening day, and there should be no exception to this unless it be on account of the inclemency of the weather, it will give the secretary and superintendent of the respective departments time to make up their premium books so that everything will be in readiness when the time arrives for judging. Small premium books should be provided for each breed. At the time an exhibitor makes entry, he should be assigned a number, and this number takes the place of his name, and all entries he may make, no matter whether it be in the live stock department or whether he is exhibiting in other departments, in whatever class he makes an entry this number should appear. Never give each entry that he makes a separate number, as it is not at all necessary, and oftentimes is very confusing.

Some associations have a rule that there must be two or three animals competing in any class before a premium will be awarded. This is not justice to an individual exhibitor who may have an animal that is very worthy; it is not his fault that the other entries are not present, and such a rule should be excluded from all associations. On the other hand it is a good plan to have a rule that no unworthy animal or article where the classes are not well filled shall be awarded a premium.

A pen or roped enclosure should be provided in which the judging may take place, and everyone except the superintendents, judges, and the attendants of the stock, should be excluded from this ring during the time the judging is taking place. It should be required that all

cattle and horses that are exhibited must be thoroughly halter broke. The average-sized pen which is provided for hogs is usually entirely too small for the judge to make a thorough inspection of the hog, and some place outside the shed with convenient gates or openings should be provided for judging hogs. If a shed is constructed with a double row of pens and an aisle through the center, whenever it is possible it is always more convenient to take the hogs out through the back side of the pen so that they will not interfere with the visitors who may be in the sheds at that time.

A rule cautioning the exhibitors never to interfere with the judges or have anything to say to them relative to their exhibits when they are being judged, should be included among the other rules. If a team is to be shown in harness, it should be definitely stated whether the harness is to be taken into consideration or not. This has often caused dissatisfaction when the award was made, as some exhibitors have spent considerable time in fitting up a good harness when it was not the intention that the harness should have anything to do with the award.

Around the hog and sheep pens especially, the management should provide for ample disinfecting.

Most county fairs provide for only two prizes. In localities where there is likely to be a large exhibit of stock, the same amount of money, divided into three prizes will often prove more satisfactory and insure better filled classes than when it is given as two prizes. Each breed should have a classification of its own, and never require all draft horses to be shown in the same class, or all beef cattle to be shown in the same class, or all black hogs, or all red hogs, as is sometimes the case.

In all the larger fairs the date for computing ages is the first day of September for cattle, and March 1st for sheep and hogs, and if such dates were adopted by all county fairs it would often save many disputes and much dissatisfaction. The classification lists of the various breeds should contain enough classes to accommodate animals of all ages. In some associations we find a very limited classification, and in others a larger classification than is necessary. The following classification will usually be found ample for the average county fair.

For pure bred horses each breed should have the following classification: Stallions, four years old and over; stallions, three years and under four; stallions, two years and under three; stallions, one year and under two, and stallions under one year.

Mares, four years and over; mares, three years and under four; mares, two years and under three; mares, one year and under two, and mares under one year.

This classification should be provided for all breeds, both light and draft horses, that are common in the county or locality that are likely to be represented at the fair. If there is to be a large exhibit of horses, it is sometimes advisable to offer a prize for the best three or five head brought by one exhibitor or for the best three or five colts the get of one stallion.

For cattle there should be classes for: Bulls, three years old and over; bulls, two years and under three; bulls, one year and under two, and bulls under one year.

Cows, three years old and over; cows, two years and under three; cows, one year and under two, and cows under one year.

A herd of five head consists of a bull and four females. This can usually be made for any age, or a classification for an aged and a young herd may be provided. There should also be a class for two animals, the produce of one cow, and for three or four animals, the get of one sire. This classification will answer for both beef and dairy breeds, but each breed should have its separate class, and in the hog department each breed should also have a classification with classes for: Boars, two years old and over; boars, one year and under two; boars, six months and under one year, and boars under six months.

Sows, two years and over; sows, one year and under two; sows, six months and under one year, and sows under six months.

An aged herd should consist of a boar and three sows over one year, and a young herd of a boar and three sows under one year. There should always be a class for the best litter of five pigs

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and for the best five pigs sired by the one boar.

In counties where sheep are to be exhibited, each breed should also have its own classification which should run: Ram, two years old and over; ram, one year and under two, and ram under one year.

Ewe, two years old and over; ewe, one year and under two, and ewe under one year.

Best pen of five lambs and flock to consist of ram and three ewes.

One of the most common errors found in the average classification list is the requirement that entries must be made before animals are eligible to compete in the championship classes. Such entries are not at all necessary, and are never required in the larger shows. The first prize animal in each of the respective classes, that is, the first prize stallion of any class should compete for the championship of the breed. The same with the mare classes, cattle, and hogs, and if it is so desired, a senior and a junior championship may be provided for. In such a case, all animals over two years old would compete for the senior championship, and all under two for the junior.

It is seldom, if ever, advisable to have a sweepstakes class between the different breeds, as it is usually hard to get a judge who is not more or less partial to some breed, and no matter what his decision might be, it is more often unsatisfactory than otherwise. The superintendent of each class should make a note in his premium book of the winner of each class, and when the individual classes have been judged, he should call out the first prize winners of each class to compete for the championship of the breed, and the exhibitor should never be required to make entries for this class.



## Farm Furrows

Turned by a Practical Farmer.

There is a great deal of money in some schemes, but too often it is hard to get out.

The safest kind of whiskey is that which is bottled—with the cork on tight, and there to stay.

Some eastern scientists have discovered the weight of the soul by taking weights of bodies just before and after its demise. What next?

A leaky wooden tank can be made as good as new by lining with galvanized iron. If the tank is small, take it to the tinner; if large, take the tinner to the tank.

A Babcock tester is a necessity to a dairy farmer. If properly used it will pick out the robbers and leave only the cows that pay a profit, and, besides, it adds interest to the work.

When the first rain of the season falls, close the drain pipe into the cistern. The winter's accumulation of dirt and silt that has collected on the roof is more desirable in the yard than in the bottom of the cistern.

I would rather groom a horse than sharpen the disks on the disk harrow; but the latter job is one not to be neglected unless one cares to waste time taking the work to town and waiting indefinitely for it to be done.

The burning of a straw stack in the neighborhood of evenings is as seldom an occurrence now as it was common fifteen years ago. Then most any night one could see a half dozen around the horizon. The burning of a stack now is an event to be celebrated by the young folks.

There is a time when a man should be concise with his words and again too much conciseness makes very hard reading. At one of the winter sales a breeder sent a bid on one of the animals, with the following instructions: "Here is my bid of \$50 for No. 1. Don't make the mistake of a hundred."

The farm barn yard that has good drainage and keeps dry a good share of the time should certainly be the choring place of a happy farmer. If there is anything that is disagreeable in wet weather it is to have to keep one eye on the path ahead of you when floundering around in the barn yard in order to keep from getting mired.

It seems that everybody has his own ideas about the road drag. A great many people try to make both the drag and the work a complex subject. It seems to me that it must be a dense person indeed who cannot see that the drag in itself is only a simple affair and that the best results are secured when it is used when the road is still a bit muddy.

I often wonder if there is not a great deal of time wasted in trying to bring up orphan stock. I used to like to putter around with the little pigs that happened to be left motherless, but I cannot remember now that I ever had much success. With lambs it is considerably different, and some of the best sheep that I have ever raised have been brought up on the bottle. Nothing less than a skilled animal nurse can bring up the orphan colt.

There is altogether too much floundering around in the business of stock breeding. If people would only use a little more good common sense. For instance, how in the world can any neighborhood hope to produce a uniform lot of horses when every breed from roadsters to draft horses are represented? Some men in the course of their experience have had every breed of cattle on their place. Undoubtedly, the term "breeder" is wrongly applied in the

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When your grain and grass ripen, you are too busy to waste any time on needless work or on delays and breakdowns.

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And the better the machine, the surer you can be that it will save time and labor—that it will go right through the harvest without a stop or hitch or delay, from start to finish.

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Be sure that you have a machine that will cause no trouble at your busiest time.

Be sure that your machine will get all the grain you have grown, with the least possible waste.

Be sure that it will be easy on your team, that it will give you long service, that you can get repairs for it easily and quickly when repair parts are needed—in short that you can depend upon it at all times.

You cannot tell a great deal about a machine by looking at it.

But its record—its performance in the field—what it has done for the men who have bought it and used it through a number of years—that tells a story which means everything to you.

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Why? Why have the

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always been such great leaders? Why have farmers purchased them in so great numbers? Why are they used the world over, wherever grain and grass are grown? Why do they hold the supreme position they do?

You know the reason.

There can be but one reason, and that is this:

They have always done good work—they have satisfied their users—they have proved by a generation's use that they can be depended upon.

Their popularity and their reputation have not come by chance.

They have earned their reputation by their work in the field.

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Today, these six lines of harvesting machines, the International line, are more popular than ever before, because they are better than ever before.

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majority of cases. A breeder in the highest sense of the term is uncommon indeed.

The steer that is putting on fat will be found somewhere about the yard in the sunshine lying down and placidly looking on at the rest of the world. It is a peculiar habit of steers that are in heavy flesh to give a kind of low groan after taking their fill at the feed

box. This is more common, however, in the show stall than in the feed yard.

There is some good advice that might be given regarding the selection of new varieties of fruits and other products of the farm. It is all right to keep one's eyes open for something new which promises to be of merit. Only in this way can the farmer keep up to date in the matter of selecting the crops that

he grows. I don't believe in purchasing every new thing that is glitteringly held up to the public. I do believe, however, that one should always be on the lookout for new varieties which may be purchased and tried out in a small way on one's farm until their merit has been thoroughly tested. If they should then prove of value one has gained a great deal. If they are worthless there is little loss.



## THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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### SOWING CLOVER AND TIMOTHY.

The following communication has been received from a South Dakota subscriber, Mr. K. Ulrikson:

I am planning to seed down 100 acres of clover and timothy this spring, and I would like to know if it would be better to sow with a drill than to put it in broadcast, and how much seed should be used per acre. It is my intention to put some of it on fall plowing with barley and some on corn stalk ground with early oats.

A good deal depends on how one is equipped in the way of machinery for sowing the crop. If the oat and barley crops are sown with a drill without a grass seeder attachment in front, it might be a good plan to sow the grass seed after the seed bed is prepared and before the grain is drilled in. As a general thing, the disks or spouts of the drill throw enough soil to cover the grass seed, and there is this advantage in that method that it puts the clover and timothy plants in the space between the rows of grain.

If the grain is to be seeded broadcast, then about the only thing that one can do is to sow the timothy and clover seed either at the same time that the grain is seeded or afterwards, but before it is harrowed in. As a rule, the harrow, which is used for covering the small grain, will not cover up the timothy and clover seeds too deeply. In our opinion there are more mistakes made by covering grass seeds too shallow than are made by covering too deeply.

As to the quantity of seed, this depends a little on conditions. However, a good mixture is from eight to ten pounds of clover and four or five pounds of timothy seed per acre. If both crops germinate well and come through the first winter, clover will largely predominate the first year, the second year the crop will be about half timothy and half clover and after that timothy will large-

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ly take possession of the land. If it is desired to obtain hay that is uniformly mixed timothy and clover, then it would be advisable to sow about equal parts of the seed of each.

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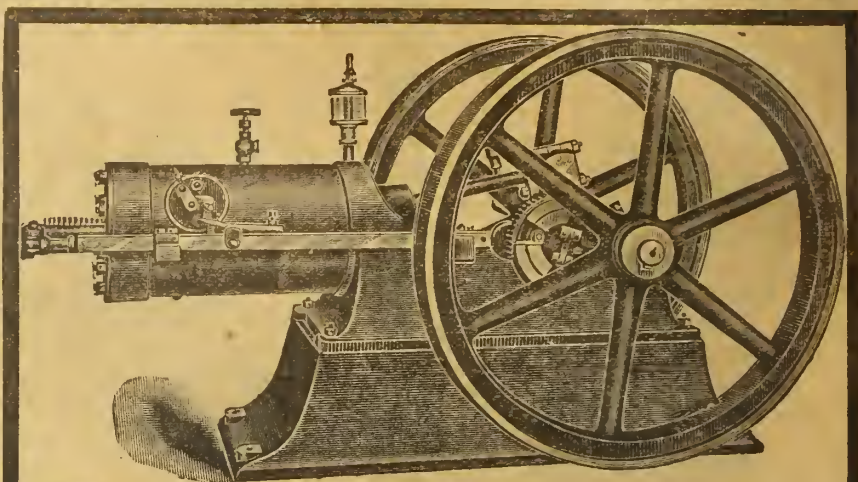
"After having the measles my whole head and neck were covered with scaly sores about as large as a penny. They were just as thick as they could be. My hair all came out. I let the trouble run along, taking the doctor's blood remedies and rubbing on salve, but it did not seem to get any better. It stayed that way for about six months; then I got a set of Cuticura Remedies, and in about a week I noticed a big difference, and in three weeks it was well entirely and I have not had the trouble any more, and as this was seven years ago, I consider myself cured. I used one bottle of Cuticura Resolvent, one box of Cuticura Ointment, and two cakes of Cuticura Soap. Mrs. Henry Porter, Albion, Neb., Aug. 25, 1906."

#### A WONDERFUL COUNTRY

and a progressive people inhabit the Indian Territory. Its resources are great and opportunities for profitable investment appeal to all who acquaint themselves with the facts. Atoka, I. T., is the oldest town in the Choctaw Nation and the place where all the treaties have been entered into by and between the Indians and the government as represented by the commission to the five civilized tribes. Thousands of investors and homeseekers are now invading every nook and corner of this beautiful country, and as fast as lands become alienable there is someone on the spot asking for a chance to buy, hence competition that makes it hard on the stranger to the location of such lands as may be on the market, and the peculiarities of the Indian owners. All of this the Indian Land Bond Company understand and are prepared to overcome, by reason of their acquaintance with the people and all conditions prevailing in the Choctaw and other nations. These gentlemen have been located at Atoka, I. T., ever since the opening, and know personally every valuable tract of agricultural lands on the market, and are in position to purchase at reasonable prices, hence their ability to offer the land bonds, which insures the holder thereof the right of selection of all the lands in the series, which attracts unusual attention among the homeseekers, as well as the one who might prefer to draw 6 per cent on the face of the securities offered. The special feature in this proposition is the fact that the holder of any bond is given the option of holding his bond for ten years and taking the interest at the rate of 6 per cent, or taking the land represented by said bond, at any time, in lieu of the money. The Indian Land Bond Company have their inspectors and purchasers in all parts of the Nation and are acquiring the cream of the bargains offered. They are thoroughly acquainted with the merits of the lands in question, and are men of unexceptional ability and honesty of purpose. They are large owners in their own right and are recommended by the strongest financial institutions of the Nation. All who desire information relative to lands, timber, coal, asphaltum or minerals of any kind that may exist in Indian Territory, can rest assured that they will get the best and most reliable information relative thereto by writing this company. The oil and gas development is as yet in the pioneer stage, but thousands of leases are being taken within a radius of twenty miles of Atoka, and several rigs for deep wells are now being placed, and within a few weeks the territory will be tested. Many experts, including that of the Standard oil people, are in the field. All of this and many other reasons convince us that the Indian Territory is the place for men who have \$500 or more to invest, as lands and all securities will certainly become more valuable as the country develops. Their advertisement appears on page 23 and should be read by all who are interested in safe and sound investments.

#### THE MANAGER OF SMITH'S RED POLLED SALE WRITES:

"Having just spent three days with the Geo. H. Smith herd of Red Polled cattle at Chillicothe, Ohio, I will say that in comparison with those which came out to leading shows last year Mr. Smith has as good a bunch of fifty head of this breed as any man or firm in this country. It should suffice to say that No. 1, Nun, was a cow good enough for the veteran, Capt. Hills, of Ohio, to import, but add to this fact that she produced to the service of Imp. Eyke Dandy a daughter as superior a dual animal as Nun-such, and something of unusual merit confronts us. A sister of Nunsuch is Nuntella by Rowdy Rod, the 1904 International champion. Then there is Newborn Spot, imported



**THE** greatest engine proposition ever offered to the readers of The Homestead. We build a complete line of stationary, pumping and portable engines from 2 to 30 H. P. Also hay stackers and rakes, power and sweep mills, thrashing machines. If your dealer doesn't handle our goods, write us direct.

**CASCADEN-VAUGHAN CO., - - WATERLOO, IOWA**

## FLINT-COAT ROOFING

QUALITY Remains After PRICE Has Been Forgotten.

Our roofing costs less than shingles; lasts longer. Does not rust like iron.

Every Roll Guaranteed Perfect

Water, Wind, Hail and Fire Proof  
Write for Samples and Booklet

**BUY DIRECT**

These prices are delivered at your railway station for one square of 108 square feet, all ready to lay. Nails and cement with each roll. Can be built by anyone.

1-ply Rubber Roofing.....\$1.45  
2-ply Flint Coat Roofing.....\$1.90  
3-ply Flint Coat Roofing.....\$2.10  
4-ply Flint Coat Roofing.....\$2.50  
5-ply Rock Asphalt Roofing.....\$2.90

**ROCK ASPHALT ROOFING CO.,** Commercial Station, Dept. D, ST. PAUL, MINN.

### Buy Wright's Stock Feeder Before April 1st.

It saves a great amount of feed and labor, and helps develop a more uniform lot of pigs. Everybody who has tried it says a good word for it, experiment stations, hog raisers, sheep men, etc. Many of them say it more than pays for itself every year. No wasted feed. No runs when this feeder is used. Every pig has his place and gets his share of the feed; and the best of it all don't cost much. I really ought to have more money for it, but have been able to make favorable arrangements for material and therefore have decided to give my patrons the benefit, and on all orders mailed me on or before April 1, 1907,

**The Old Price of \$10.00, Freight Prepaid,**  
still holds good. This includes the right to manufacture other feeders for your own use; worth this amount in itself. Positively no orders filled at this price after April 1st. Order at once if you want the feeder. You'll never regret the investment. Booklet illustrating and describing the feeders if you want it. Address all correspondence and orders to **C. A. WRIGHT,** Rosendale, Mo.

This is it—Invaluable for Feeding Pigs, Sheep and Calves  
Also breeder of registered Duroc Jersey Hogs.

## PIPE

at less than one-half Price

We offer one million feet of iron pipe all sizes, also lumber, structural iron, roofing, farm machinery, boilers, etc., at less than half the original cost. We guarantee everything we sell, and refund your money if you are not thoroughly satisfied. References: Merchants-Laclede National Bank, or any commercial agency. Write today for complete catalog and prices.

**ST. LOUIS WRECKING & SUPPLY CO.**

**3867 MANCHESTER AVE., ST. LOUIS**

by Capt. Hills, safe in calf to Popular, one of the best-bred bulls along dairy lines in the breed; and Spotless Maid, out of Newborn Spot by Popular, a milk wonder, producing from twenty-six to thirty pounds at a milking after her first calf. Great things are expected from her next calf. Partia 2d, bred by Mr. J. W. Martin, of Wisconsin, and sired by the Omaha champion, produced the two champions, Rowdy Rod and Water Boy, and Red Princess, one of her produce in the sale, has prospects superior to both. Partia 3d is a full sister to these champions. Anne Darre, a champion at the 1901 International, is in her prime, while her dam, Portulacca, and her daughter, Popular Aune by Popular, are among the choice ones. Others worthy of your careful attention are Queen Bird, dam of champion heifer, Miss Gay, a \$405 prize; Princess 2d, an exceptional producer, likewise Daffodil. Popular Rose is the best show proposition I know of today, and is sired by Popular. Treasure is another high-class young cow with the best

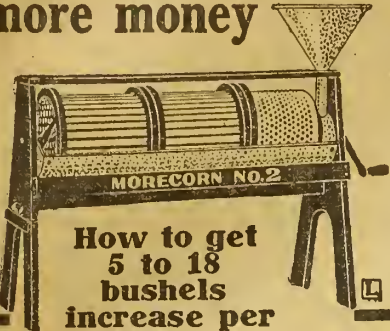
milking strains behind her. Boquette is a carrier of champion blood of several shows, while another that could not be priced at private is Popularity. Pacatella, the herd bull, is generally too well known to need comment. He is a champion and a getter of champions, which are profitable producers in turn. Popular, before mentioned, can stand on the merits of his get. Superlative describes him. Here is an opportunity of opportunities. Write for catalog to Mr. Geo. H. Smith, Chillicothe, Ohio. Kindly mention The Homestead in your request.

#### CHEAP ONE-WAY RATES.

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.



## More corn means more money



**How to get 5 to 18 bushels increase per acre**

You know as well as we do that if your planter drops too many kernels in the ground at one time, they cannot obtain the proper amount of nourishment from the soil. That means stunted stalks, stunted corn—**dollars out of your pocket.**

Again if too few kernels are dropped by the planter, the stalks will bear good ears of corn but you lose the yield from the missing stalks. Any good planter will drop two, three, four, five or as many kernels as you want, provided you sort them first with the

### Morecorn Sorter.

It sorts every kernel not only for length and width but for thickness, this is impossible to do by hand sorting. Even a hair's breadth makes a difference in this wonderful machine.

If you sort your seed corn with the MORECORN SORTER, then set your planter to drop 3 kernels, it will drop 3, no more, no less, 100 times out of every 100.

This means 5 to 18 bushels of corn increase for every acre. Does this interest you?

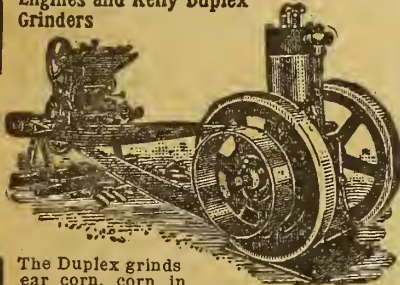
If it does—and it certainly should—sit down while you are thinking about it and ask us to send you our FREE literature.

**Monarch Self Feeder Co.**

95 Main St. Cedar Falls, Iowa

### THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

**The O. S. KELLY WESTERN MFG. CO.**  
DEPT. B, IOWA CITY, IOWA.

**\$49.50 DIRECT TO YOU**

BUY OUR NATIONAL LEADER AT FACTORY PRICES

Our "National Leader" Top Buggy at \$49.50, guaranteed 2 years, is a great bargain. Has all latest features. We want to send you our large catalog describing this buggy, and 150 other styles. Don't buy till you see it. No middlemen between you and us. You save one-half. Write for Free Money-Saving Catalog.

**U. S. BUGGY & CART CO.**  
Sta. 86, Cincinnati, O.

30 DAY FREE TRIAL NO MONEY WITH ORDER

**AGENTS WANTED For Mend-a-Rip**

Greatly improved. Better than ever. Does all kinds of light and heavy riveting and patching. Saves up to 50% cost many times a year. A perfect Hand Sewing Machine and Riveter combined. Notice the Automatic Splicer which makes neat, even stitching. To show it means a sale. Agents make \$3 to \$15 a day. One agent made \$20 first day and writes to hurry machines to him. Write for special price. J. B. Foote Foundry Co. Dep. 432 Fredericktown, O. (The Great Agents Supply House)

### OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

#### LAW QUESTIONS CONSIDERED.

##### DESCENT IN NEBRASKA.

A Subscriber, Royal, Neb.—A filed on a homestead, and died two years afterwards. B, his wife, proved up at the end of five years in her own name. What right to the land has her only child?

Answer—If B should die without marrying again, the child would inherit the land as heir of its mother unless she willed it to someone else.

##### DESCENT IN IOWA.

An Iowa Subscriber.—A and B are husband and wife. The wife owns the farm, the deed being in her name. Suppose she should die without a will, leaving no children, how would the farm be disposed of according to the laws of Iowa?

Answer—The surviving husband would get half of it and the deceased wife's parents the other half; in case one of the parents was dead, the other would get the half; in case both parents were dead, the half would go to the deceased wife's brothers and sisters.

##### WILL—CHILDREN.

A Nebraska Subscriber.—In case a father should regard some of his children as unworthy, can he lawfully disinherit them entirely in his will—cut them off without anything, or must he leave them a certain amount in order to render his will valid and binding?

Answer—A father can by will entirely disinherit any of his children. If he makes a will and by mistake omits to mention a child, that child can get its share as his lawful heir, but if the will shows an intention to cut off any child from sharing in the estate, it will stand.

##### FAILURE TO FURNISH PEDIGREE.

A Subscriber, Wausa, Neb.—About November, 1906, I bought a boar pig from a man in Le Mars, Iowa. He guaranteed the pig to be a breeder and agreed to furnish a certificate of its pedigree. I am in the thoroughbred business and have bred my thoroughbred sows to this boar, but the seller has not furnished the certificate of its pedigree, though I have written for it several times. What can be done about the matter?

Answer—You can bring suit against the man who sold you the boar, and recover whatever damages you can prove on account of his failure to furnish certificate of pedigree as he agreed to do.

##### HOMESTEAD ENTRIES.

A Subscriber, Moline, Mo.—A single man, and a single woman, each entered a homestead in South Dakota. How soon afterwards can they intermarry and hold possession of the homesteads they entered?

Answer—Each one must reside on and cultivate the homestead entered for a period of five years from the time of entry, so that final proof may be made and receipt issued, or after fourteen months of such residence and cultivation, the claims can be commuted and purchased by the parties at the government prices. If each party fulfills these conditions, they may marry at any time.

##### FIXTURES.

Mr. D. Hollander, Orange City, Iowa.—(1) Is a common stock water tank which is in use on a farm, but stands on top of the ground, not attached or fixed on foundations, a fixture going with the farm on a sale, or is it merely personal property? (2) Do the hay fork and rope of a hay carrier in a barn belong to the premises, or can they be moved as merely personal property in case of sale?

Answer—Both of these are close questions and difficult to answer without knowing more about how the articles are fixed and used. When parties contract for the sale and purchase of farms they should by all means have a distinct and definite understanding about just such things. The article mentioned in the first question, we think is merely personal property and does not belong to the farm. We are in some doubt as to the rope and fork of the hay carrier.

##### OBTAINING A PATENT.

A Subscriber, Sigourney, Iowa.—Please give me some directions about obtaining a patent, and state approximately the cost of it?

Answer—You must make written application for the patent, accompanied by affidavit, to the commissioner of patents at Washington, D. C., and file in his office a written description of your invention, and if of a mechanical nature, proper drawings of it. The description and claim must be signed by you, and attested by two witnesses, so also the drawings must be signed and attested. You must pay into the commissioner's office at the time of filing



## Protects and Beautifies

Protects because it is a perfect weather-proof, elastic and fire-resisting roofing.

Beautifies because its lasting deep red color enhances the appearance of the building.

### THE ONLY PERMANENT ROOFING WITH A PERMANENT COLOR

Combines all the features of Ruberoid Roofing—the standard for 16 years. Does not crack, rot or corrode. Suitable for all buildings.

Color guaranteed for five years.

Write for samples and prices.

**THE STANDARD PAINT COMPANY,** Sole Manufacturers

GENERAL OFFICES 100 WILLIAM STREET NEW YORK

BRANCHES: CHICAGO CINCINNATI ST. LOUIS PHILADELPHIA KANSAS CITY ATLANTA BOSTON



### THE OLD RELIABLE „Anti-Friction Four Burr Mills..

Double the Capacity of other Mills. TWO-HORSE mill has 24 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bushels per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for 7 years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Send for free catalog. Bovee Grinder & Furnace Works, Waterloo, Ia.

## CLIP YOUR HORSES IN THE SPRING

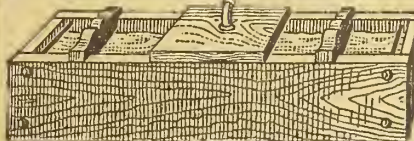
WITH THIS NEW STEWART CLIPPING MACHINE

Clipped horses look better, feel better, work better, and are less liable to take cold. Don't let your horses stand all night with a heavy, damp coat of hair on. It weakens them and they lose flesh. If clipped they dry quickly, rest well and their food does them good. Price \$6.75 Only 6=

**WE GUARANTEE THIS MACHINE FOR 25 YEARS** It is built strong with file hard cut steel gears enclosed and running in oil. There is little friction and practically no wear. All progressive farmers and horse-owners now clip in the Spring, and this is the machine to do it with. Order one now. Send \$2.00 with your order and we will ship C. O. D. for the balance. Write for our big new catalogue, which shows the largest line of clipping machines in the world. It is free. Send today.

CHICAGO FLEXIBLE SHAFT COMPANY, 234 Ontario Street, CHICAGO

**\$100 Reward \$100**



### The ONLY HOG and SHEEP WATERER.

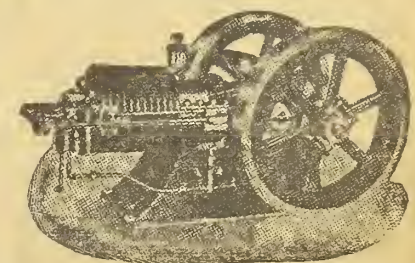
The ONLY will not run over or clog and will run all winter. If it fails we will forfeit \$100.00. Write and ask us about it. Enclose 10 cts. for booklet on hog-raising. Write to-day.

Price \$5.00. Worth twice it. ONLY MF. CO., Hawarden, Ia.

these papers \$15, and if the patent is allowed, \$20 more within six months after it is allowed. These are all the fees required at the patent office, but should you have to employ a draughtsman to make your drawings, and a patent attorney to prepare your description and application, their fees would amount to at least \$25 and if the invention should be very complicated, much more than that. Scarcely any person without experience is competent to obtain a patent without the assistance of a patent attorney.

#### HOMES IN THE NORTHWEST.

Why not settle on the government land, or low-price farm lands that are improved, in South Dakota; thus staying near at hand instead of journeying to a distant region where the climatic conditions and social surroundings are widely different? Special low rates are in effect the first and third Tuesdays of each month to all South Dakota stations on the North-Western Line. It will pay you to investigate. New lines are opening up extensive territory to development, creating the chance of a lifetime. Ask your ticket agent to give you full particulars, with maps, pamphlets, and complete information regarding railroad rates and the steps necessary to secure government land free.



### GADE AIR-COOLED GASOLINE ENGINES

Sizes 2, 3 and 6 H. P. We keep our cylinder cooler than it can be kept by water or oil. We have no frozen up water jackets or burst cylinders in cold weather like the old styled water cooled engines. Write for catalog and price list.

GADE BROS. MFG. CO., North Iowa Falls, Ia.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,

Blandinsville, Illinois

**\$25 ON 5 TON**

IS WHAT YOU CAN SAVE We make all kinds of scales. Also B. B. Pumps and Windmills. BECKMAN BROS., DES MOINES, IOWA.



## ADDITIONAL FIELD NOTES.

## CHEAP FENCE POSTS.

Timber is getting so scarce that the question of durable fence posts is every day becoming a more serious problem with the farmer. Cedar is getting so scarce and high as to make it almost impossible to use it, and other lumber of whatever description, must be expensively treated or it rots out in no time. Considering these facts our readers will be vitally interested in the proposition offered by the Moore Post Mold Company, 327 E. Third St., Sterling, Ill. They have an inexpensive mold, which makes it possible for anyone to make fence posts from cement, which will last a lifetime, during rainy days and at odd moments, at a cost of nineteen cents each or less. These posts have holes for stringing the wires and if properly made according to directions will become stronger year by year, having all the qualities of the best granite. The Moore Post Mold Company will gladly answer any questions regarding their product which our readers may ask of them. See advertisement on page 18.

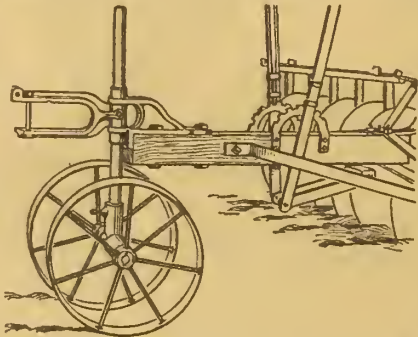
## OKLAHOMA TWENTY-FIVE CENTS—BUY FARM NOW.

Railroads are now making special low rates the first and third Tuesday of each month to Lawton, Okla. People are going there from every state, some to start new homes on land purchased and others to buy farms. Still others from the North and East are renting farms because they can get better terms, free pasture, live cheaper and

gain an opportunity to buy land of their own. There is still time for men to buy or rent farms and put in crops this year because planting cotton, broom corn, kafir, alfalfa, cow peas, potatoes, etc., will continue until June 1st and some of the crops are planted after small grain is harvested during June. Even crops of corn have made good returns from ground where oats were raised and that is the proper time to put in cow peas. This crop has proven to equal clover to fertilize the ground and makes a much better crop for feed. All stock does well with cow peas and hogs fatten on it. Over 5,000 land seekers are getting back money bid on claims in that country recently and many of these are securing these special offers in farms. Powers Land & Loan Co., the old reliable firm, of Lawton, have automobiles, men, teams and time to show special bargains, some of which can be bought on easy terms, and have farms to rent for prompt acceptance. Write for price lists, terms, etc. Send twenty-five cents to Mr. James M. Powers for Oklahoma Book describing soil, climate, crops, rainfall, school, church and social conditions and valuable information about this new state, county and famous city of Lawton. When writing please mention this paper.

## THE NEW TONGUE TRUCK

for disk harrows and other machines seems to fill a long-felt want. The disk harrow, one of the most useful machines on the farm, has always been very hard on the horses that are required to pull it. The constant vibration of the tongue has proven a source of irritation, especially to a high-bred team and the twist of the collars around the horses' necks in making the turn at the end of the field is also another severe strain. To eliminate these hardships a tongue truck was invented doing away with the stiff tongue, coming direct from the harrow, and eliminating all of the constant vibration and difficulties in turning. A horse as well as a man can do more work and do it better when unhampered by inconvenience. The



tongue truck is therefore a source of profit to the farmer. Every new tool which has been invented for increasing the capacity and lightening the labor of the team has been an economical investment for the farmer, and the tongue truck is not the least of these. A tongue truck which can be attached to any style or make of machine puts the user of the disk harrow (already owned by him) in a position to convert his old style harrow into an up-to-date and modern machine. A truck which can be adjusted to the different makes of machines can be very readily attached to any other machine from which it is desired to relieve neck weight or oscillation of the tongue, such as a mower or seeder. The truck advertised on page 17 of this issue can be adjusted in this way. The manufacturers of this truck inform us that they are receiving inquiries and orders in great numbers and that farmers in general seem to regard it in the most profitable light. An article of this kind that really does the good that this does, we believe is a genuine blessing to the farmer. The high-class horses which the farmer of today uses demand the very best of care and consideration and the farmer well knows that he will be fully repaid by their increased good health and working capacity.

## OUR NEW STATE.

## Fascinating Facts For Farmers.

In the transition from federal rule to state government, the Indian Territory joins the sisterhood of commonwealths possessing the advantages that no other territory upon its entrance into the Union, ever offered the settler. Rich agricultural lands, a mild climate, plentiful rain fall, a network of railway, gold, silver and lead; biggest oil fields in the Union. Our entire surface is underlaid with a fine strata of coal. What else could a homeseeker want?

The Weekly New-State Tribune tells you all about it at \$1 per year. Send twenty-five cents in stamps for sample copy and county map of the new state of Oklahoma. Address New-State Tribune, Muskogee, Ind. Ter., Sept. 12.

## BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

## EXCURSION RATE TO PACIFIC COAST.

Daily during March and April, the Minneapolis & St. Louis R. R. will sell one-way excursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

## SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



## AND Is Going Up In ALBERTA

You know how many times you have missed opportunities by putting off—The man who takes advantage of his opportunities is the man who gets rich and makes his money easy.

You have heard how people are making money in the rise of land values in Alberta, Canada. Perhaps some of your neighbors have gone there and invested, and if they have they have made money.

But have you taken advantage of the great opportunities offered there?

Land in Alberta is constantly rising in value—it is not very high yet, but it is going up again this year and next year.

## Why?

Because in Sunny Southern Alberta is to be found as good land as lies out of doors—Because thousands of farmers from the United States and other countries are going in there and taking it up every year—Because enormous crops of almost all kinds of grain and vegetables can be raised there and sold at high prices—Because it is the greatest cattle, sheep and hog country on earth—Because almost every profitable product of the farm can be raised at the lowest possible cost and

sold right at home—Because dairying is more profitable there than in almost any other spot on earth.

Aren't those reasons sufficient to convince you that land is going to continue to rise in value in Alberta.

People have just begun to learn what a great place western Canada is—They have just begun to learn that it is not the coldest country on earth, but has a fine climate both winter and summer.

People have just begun to learn that there are good schools in which to educate their children, and that the neighborhoods are made up of much the same class of people that they have surrounding them at home in the United States.

You can buy Southern Alberta land cheaper right now than you will ever buy it again.

Write for our literature which tells you all about our irrigated, non-irrigated and combination farms containing both irrigated and non-irrigated lands. We will tell you how to take a fine trip through Alberta at a very low cost, and we will tell you how to buy as good land as there is in Alberta on terms so easy that anyone can own a farm.

CANADIAN PACIFIC IRRIGATION COLONIZATION CO., Ltd.

71 NINTH AVE., WEST

GALGARY, ALBERTA, CANADA.

Sales Department, Canadian Pacific Railway, Irrigated Lands, 5

## Free Book

ABOUT CURING  
Deafness AND  
Eye Diseases  
AT HOME

I WANT to place one of my books in every home, absolutely free of charge.

This book tells of a new method by which people who are willing to devote fifteen minutes time each day, can cure themselves of mild forms of Deafness, Head Noises, chronic Catarrh, chronic Sore Eyes, Wild Hairs, Granulated Lids, Scums, Eye strain, Weak eyes, or failing sight, at home by a mild method without visiting a doctor. 100,000 people have used this method.

My book tells of their experience and of many remarkable cures of Deafness and Eye diseases.

I want no money for this book—just want everyone to read it and know of my new system. Write me today. Address

DR. W. O. COFFEE,  
340 Century Bldg., Des Moines, Iowa.

The Iowa Gate  
-FOR THE FARM-

A small child can open or close it

BEING so simple they are very light and can easily be swung either way.

The ROLLED STEEL TUBING FRAME makes them strong; not gas pipe or common steel.

The IOWA gate is made to last—no castings to break—no wearing parts—even the wires have galvanized stretchers to tighten them.

CHEAPER THAN WOOD. So write today for our low prices.

IOWA GATE CO. 9TH ST.  
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Best lubricant for axles in the world—long wearing and very adhesive.

Makes a heavy load draw like a light one. Saves half the wear on wagon and team, and increases the earning capacity of your outfit.

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After more than forty years experience as a scale-builder I am now able to offer you a five ton bridge trussed steel lever scale with platform 14 feet x 8 feet and a solid brass compound beam and beam box for \$45.00 delivered to your station.

All sizes from a postal to a track scale at an equally low price. All scales sold on trial.

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JONES OF BINGHAMTON,  
Box 418  
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## Will You Try Them at our Risk?

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We want one thousand readers of this paper to try a pair of Rubberhide Boots at our risk. See our guaranty. They are the only rubber boots with a sewed leather sole; They keep your feet dry and prevent sweating. Can be tapped or half-soled by any cobbler. Give better protection, greater comfort and the greatest economy.

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Rubberhide Co., 712 Essex Bldg., Boston, Mass.

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If you buy a pair of Rubberhide boots and find that they do not outwear two pairs of best quality rubber boots, we will refund to you the money you paid for them.

We say two pairs, but experience shows that they outwear three and four pairs of ordinary boots.

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IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

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G. C. Wardfield, Truer, Ia.; Mrs. W. B. McCaull, Villisca, Ia.; A. E. Miller, Clinton, Ia.; Henry Smith, Morning Sun, Ia.; G. A. Wood, Humboldt, Ia.; H. F. Opfer, Wagon, Ia.; W. Smouse, Washington, Ia.; T. O. Williams, Morning Sun, Ia.; T. J. Ochiltree, P. M. Morning Sun, Ia.; Rev. Robert Carroll, Ft. Dodge, Ia.; M. A. Crawford, Clarion, Iowa. BOOKLET SENT FREE.

J. M. AULD, M. D., 80 DEARBORN ST., Dept 11, CHICAGO, ILL.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGGS for hatching. Barred Plymouth Rocks exclusively. Guaranteed fresh, fertile and true to name. 25 years experience, matings better than ever this season, satisfaction guaranteed, prices low, circular free. H. M. Jones Co., Graceland Farm, Bervick, Iowa. Shipping point Des Moines, all express companies.

STOUT'S Barred Rocks are again sweeping all the leading shows. If you want to win get in line and breed the winning strain. A few high class show birds and breeders for sale. Eggs \$2 per 15 or \$10 per hundred. G. W. Stout, Rose Hill, Iowa.

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STANDARD BRED Barred Plymouth Rocks exclusively. No better bred birds than ours. Eggs, \$1.50 per 15; \$2.75 per 30. Write us if you want good ones; we have them. A. W. Nickols, Box 637, Indianapolis, Iowa.

BARRED Plymouth Rock eggs; also few extra cockerels left. Finest flock of large, big boned, blocky, 200 egg per hen per year birds. Prices reasonable. Write me, Mrs. A. A. Berry, Box 175, Clarinda, Iowa.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Bervick, Ia.

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BARRED Plymouth Rocks exclusively. Twelve years a breeder. Eggs, 15, \$1.00; 30, \$1.75. Large deep bodied birds, good layers. D. E. Donahy, Newton, Iowa.

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WHITE ROCKS—Three first prizes at Oelwein show. Eggs, \$2 per 15; incubator eggs, \$4 per 100. Stock for sale. G. H. Blake, Oelwein, Iowa.

WHITE PLYMOUTH ROCK EGGS for hatching. One setting, \$3.00; two settings, \$5.00. Write me today. R. C. Sheffer, Van Wert, Iowa.

WHITE Plymouth Rock eggs for hatching from fine, large boned birds of Fishel strain, 15 for \$1.00; 100 \$5.00. C. J. Rose, Ogden, Iowa.

EGGS from three good pens, Barred Plymouth Rocks, 75c, \$1.00, \$1.50, \$5 per 100. Write, R. H. Heitzman, Riverside, Iowa.

BARRED ROCK eggs from exhibition matings, \$2.00 and \$3.00 per setting, A. Farrimer, Winterset, Ia.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

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RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White, Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javas. Hardy, prolific farm bred, pure stock. For birds, moderate prices or "eggs to hatch" at 10c each, write Walter Sherman, Edgewood, Newport, R. I.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State Show. \$2 for 15. C. A. Kenworthy, Oskaloosa, Iowa.

ROSE COMB Rhode Island Reds best winter layers. Eggs from prize winners, two dollars for fifteen. H. A. French, Algona, Iowa.

SINGLE COMB Rhode Island Red eggs for hatching. Prices reasonable. Write, Inez Anderson, Eagleville, Missouri.

SINGLE COMB REDS exclusively, eggs from prize winners at popular prices. Hites Bros., Route 3, Beacon, Iowa.

ROSE COMB Rhode Island Reds. Eggs, 15 for \$1.00; 100 for \$15.00. John Danielson, Route 1, Lockridge, Iowa.

RHODE ISLAND REDS—Eggs, one dollar sitting, six dollars hundred. G. Weiser, Humboldt, Ia.

GRAND Rose Comb Reds, eggs \$1 up. Ben Russell, Lamoni, Iowa.

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LIGHT BRAHMA EGGS from high scoring stock for sale. 15 eggs, \$1.00; 45 eggs, \$2.50; 100 eggs, \$4.50. J. G. Goddard, Deep River, Iowa.

LIGHT BRAHMA EGGS, \$1.25 per 15; \$5.00 per 100. N. Van Buskirk, Blue Mound, Kansas.

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S. C. BLACK MINORCAS—Non-sitters, best of layers; 15 eggs, \$1.50. Geo. A. Blackburn, Dunbar, Wis.

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PURE ROSE COMB BROWN LEGHORNS. Eggs, 15, \$1.00. Rates on fifty or more. Baby chicks 15c a piece. My little remedy free to every purchaser. Cheap as dirt. Mrs. Ida Staudiff, Reading, Kan. "Up-to-Date" Farm.

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ROSE COMB BROWN LEGHORNS exclusively. Twenty eggs, one dollar; one hundred four dollars. Strong, healthy and extra good layers. C. E. Lister, Iowa City, Iowa.

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S. C. W. LEGHORNS exclusively. Eggs, \$1 per 15; \$3 per 100. Cockerels for sale, \$1 each. Satisfaction guaranteed. Joel Hoskins, Pleasant Plain, Iowa.

S. C. B. LEGHORNS are the kind that lay. Eggs from prize winning stock, \$1 for 15, \$5 per 100. Mrs. Rosa Gardner, 1103 Walnut St., Oange, Iowa.

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WHITE WYANDOTTES exclusively. Noxall strain. Here is quality and utility, birds are pure white, good shape, good combs, and great layers. Eggs, \$2.00 per 15; \$3.50 per 30. Geo. House, Slater, Ia.

SILVER LACED Wyandottes. Eggs for hatching, heavy layers, best strain obtainable. \$1.50 for 15. We ship in Eyrle egg boxes. B. H. Bacon, Elroy, Wisconsin.

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BIRD'S BUSINESS BREED, White Wyandotte winners. Eggs, \$1.00, \$3.00 per 15; \$5.00 per 100. Folder free. Write Maple Dell Farm, Route 4, Lee, Ill.

WHITE WYANDOTTES. I will sell a limited number of eggs, \$1.00 for 15, from my prize winners. Geo. Aid, Gallatin, Mo.

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GRAND Single Comb Buffs, eggs \$1 up. Ben Russell, Lamoni, Iowa.

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WHITE FACED Black Spanish exclusively for 11 years world's fair winners. Eggs \$1.50 per 15. \$4.00 per 50, \$7.50 per 100. H. W. Chestnut, Centralia, Kan.

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IRA GREGORY, originator famous Yellowhired strain Barred Plymouth Rocks, Bronze turkeys, Pekin ducks. Twenty years reliable and winning kind. Breeders and eggs for sale. Ira Gregory, Box P. P., Lexington, Ill.

BARRED Plymouth Rock Eggs, from pen scoring 90-93, \$2 per 15. M. B. Turkey, hens scoring 95%-97%, Tom, 1st premium at Kansas City, eggs 50c each. Mrs. Eugene Scott, Lathrop, Missouri.

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EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

SINGLE COMB Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92% to 94% points. Eggs for hatching 75 cents for 15, 100 for \$3.00. Mrs. William Hudson, Lohrville, Iowa.

BUFF Orpingtons, Single and Rose Comb, few choice eggs, \$2.00 per 15. Pure Indian Runner ducks, 13 eggs \$1.00. Anna Pratt, Beaver Crossing, Nebraska.

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FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Alledo, Ill.

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MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

EGGS—White Holland turkeys, from selected young stock; plenty of size. 11 for \$2.75; 22 for \$5.00. J. H. Shirky, Norborne, Mo.

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REGISTERED Angora bucks. Elmer Culver, Route 1, King City, Mo.

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A FEW CHOICE Aberdeen Angus bulls for sale at farmer's prices. Best blood strains. Write or come. Satisfaction guaranteed. James Ferrier, Mason City, Iowa.

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FOR SALE—Proud Advance 39272, and Hunter's King 43163. Large, fancy Poland China hogs, tried breeders. Great herd leaders for some good breeder. Write for prices and descriptions. J. R. Sparks, Box 23, Hunter, Okla.

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BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

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RATS! My Scottish Terriers will make them git. Very fine puppies, males \$10, females \$7; pedigree with sale. Bred bitches \$25. Registered and expert raters. S. W. Harr, Riverside, Iowa.

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EIGHT Horse Power, Callahan Gasoline Engine cheap; guaranteed. L. Bendit, 1300, W. 11th St. Kansas City.

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ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

G. C. KENNEDY, Patent attorney, Waterloo, Ia. Write for booklet.

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"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

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FINEST sheep and stock farm in state. Must be sold and will go at only \$16.00 per acre, a genuine sacrifice, 1,080 acres of good land more or less rolling. 200 acres meadow, 80 acres under cultivation, 400 acres fenced in with woven wire fence four feet high. 400 acres timber, 7 room house and 3 story basement barn 35x60, only 80 rods from large lake, buildings worth \$5,500, and another set of buildings on another part of farm, worth \$1,000. Five miles from railway, town and 3 miles from St. John's University, the largest and best equipped German school in the state. \$5,000 handles this big deal, balance easy. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

BARGAINS IN OKLAHOMA Farm Lands. Comanche County has the best water, finest climate, best agricultural lands in the southwest. Everything grows here that you plant in the ground, with a good yield. All kinds of vegetables, fruits and tame grasses do well here. For further information call on or write to W. R. Sanner & Co., Lawton, Comanche County, Oklahoma.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 330 Bank of Commerce Bldg., Minneapolis, Minn.

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FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargains. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

A BARGAIN at \$5,000. 320-acre choice farm, 220 cultivated, half in wheat. Owner, Chas. Rogers, Box 81, Ransom, Kansas.

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\$100 WILL BUY forty acres Missouri farm land, near town, clear title. Terms \$10.00 down, \$5.00 per month. Address, Lock Box 144, Mt. Vernon, Ill.

BELEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

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WITH this fork you can handle potatoes, onions and other vegetables and fruit without bruising or injuring them.

It is by far the best corn scoop made. Does not stick into the ears and shell off the grains. It screens out shelled corn, dirt and snow, leaving your corn clean.

Notice the flat blunt ends of the tines. They protect whatever is being handled. The straight tines load the fork easily. And the capacity of the scoop is just right.

Look at the handy "hang." If you ever own one of these forks you will never part with it. "Ask your Dealer for this fork. If he hasn't it, please send us his name and we will see that you are promptly supplied."

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**TRUE TEMPER**  
TOOLS.

with it. It will outwear a dozen old style scoops.

This fork belongs to the famous True Temper line of Forks, Hoes, Rakes, Weeders, Hooks, Cultivators—all kinds of Farm and Garden Hand-Tools—

"The best tools you have ever bought at the same prices you have always paid."

Write for our FREE, illustrated book, "Tools and Their Uses."

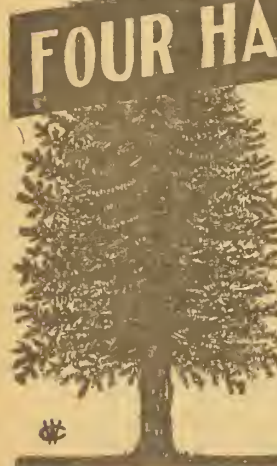
It will give you some helpful suggestions, and show you how to save money on tools.

and show you how to save money on tools.

AMERICAN FORK AND HOE COMPANY  
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### Reserved 600,000 Trees

for this free advertising distribution and if you want your share of them write at once for they will go fast. W. H. Gibboney, Mandan, North Dakota writes: "Please accept thanks for the sample evergreens. They are doing fine." This is but a sample of thousands of letters. Our catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Ornamentals, Evergreens, etc., with a mine of valuable information for fruit growers, is free for the asking. Write to-day.

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The Iowa corn crop is worth more money than all the mines in the United States. Will it pay you to spend 50c per acre to increase your yield 25 bu.? It will.

We can furnish you seed corn that has breeding back of it. "Why?" "Because:"

We have been breeding the best varieties for years.

We have a \$14,000 equipment for handling it. We have experts to grade it and select the best. We have 1,200 acres of the best land in Iowa county devoted to its growth.

We have graduates of Agricultural Colleges in

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We have made frequent shipments to the Department of Agriculture at Washington, D. C.; which proves our ability to produce the best type of seed; in fact, we have spared neither time nor money to make the seed the best that can be produced.

Send for our 1907 illustrated catalog which gives full information as to our method of handling seeds of all kinds. Send for it today. IT IS FREE.

A. A. BERRY SEED CO., Box 52, CLARINDA, IA.

## SEED CORN 146 BU. ACRE.

**DIAMOND JOE'S BIG WHITE**—A strictly new variety; none like it. It is the Earliest and Best Big White Corn in the World—because it was bred for most Big Bushels, not fancy show points; because grown from thoroughbred inherited stock; every stalk bears one or more good ears; because scientifically handled, thoroughly dried and properly cured and had the most rigid examination. Big Seed Catalog FREE. It tells about all best farm, grass, garden and flower seeds grown. Send for it today. Address,

RATEKIN'S SEED HOUSE,

SHENANDOAH, IOWA

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

## GRAIN HAY

Freeman Bros. & Co.,

COMMISSION MERCHANTS,  
Established 1888, 66 Board of Trade, Chicago.  
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

## CLOVER

New Crop  
IOWA GROWN  
Re-cleaned  
and Tested

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.  
**IOWA SEED CO., Des Moines, Iowa.**

## SEED CORN REID'S YELLOW DENT

Improved Prize of the North. Scientifically bred, carefully selected. If corn is not satisfactory, it may be returned and money refunded. Shipped in ear or shelled as desired. **W. G. GRIFFITH, McNabb, Ill.**

BROME grass seed for sale. I have a fine lot of seed for sale right if taken at once. Write me now. Geo. W. Schwab, Clay Center, Neb.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### HORTICULTURAL PARAGRAPHS.

By burning the garden and orchard rubbish you destroy unseen, but numerous insect enemies. For that reason burning is better than hauling to some out of the way corner.

A Marshall county, Iowa, truck farmer last year had a gross income of \$2,000 from nineteen acres cropped with onions, cucumbers and cabbage. When grown and sold, as they may be, intelligently, these products pay.

Lettuce is another plant not easily killed. Most growers have noticed that the self-sown plants are much earlier than those raised from spring seeding. This fact hints very strongly of the advantage of late fall sowing.

The dry fruit mummies hanging to the trees, especially the plums, have in them the seeds of future trouble for you. They are full of the germs of fungous diseases. For a dime a boy may be hired to pick and destroy what would otherwise cause you a \$10 loss later.

Get the peas in early. They germinate at a low temperature and a late frost will not hurt them. The sweet peas in the flower garden are no exception to the rule. If the seed is sown as soon as the soil is dry, you will be able to pick bouquets a week or two before your neighbors.

You can hardly get the raddish seed planted too early. It starts quick and young plants are sometimes killed by a late frost. Still, it is such an advantage to gain a week's growth with this vegetable that it is wise to take the chances. But have plenty of seed ready so that in case they get nipped you can re-plant without loss of time.

We once paid a pretty price for a blue plum tree. It never bore anything but Black-Knot, with which it infected all its neighbors. We found the only safe way to combat this disease was to cut out the diseased parts as soon as discovered and burn them. This worked all right on all except the original tree, which we never got entirely free, and finally in a moment of wrath we applied the ax to its roots and put an end to the source of trouble.

We have planted a great many apple trees which have not lived up to our expectation and are on our black list. Among them are Iowa Blush, Pumpkin Sweet, Longfield, Roman Stem and McMahon. Others which are all good quality, but have proven poor yielders for us are Plum Cider, Pewaukee and Salome. Grimes Golden has not borne very well for us, but as the quality is so very good we would advise planting in hope of getting a few.

Among the things not to be forgotten in ordering seeds, one that we consider of much importance is sweet corn. Few farmers have large enough quantity or great enough variety of roasting ears. We would suggest the following list: For early, Peep of Day; for second early, Early Minnesota, followed by Country Gentleman, and then two plantings of Evergreen at intervals of about two weeks. These will provide roasting ears for the season and corn to dry or can for winter use.

Nothing so brightens the home on a dull winter day as a window full of house plants. They require some attention, to be true, but they amply repay for all they receive. We recently visited in a home where there was a large bay window full from top to bottom of beautiful plants, mostly in bloom. There were geraniums, fever fuchsias, lilies, stars-of-Bethlehem, nicotines and begonias, besides many others beautiful for their foliage only. Such a home can more easily be a home of sunshine, for flowers have a power of their own for dispelling darkness and gloom.

### A NEW SPRAYING CALENDAR.

The experiment station of the Iowa State College has just issued Bulletin No. 89, which is a spraying calendar dealing with orchard and farm crops enemies. It treats of the various fun-

## A BIG GARDEN

The year of 1906 was one of prodigal plenty on our seed farms. Never before did vegetable and farm seeds return such enormous yields.

Now we wish to gain 200,000 new customers this year and hence offer for 12c postpaid

- |  |               |
|--|---------------|
| 1 Dg. Garden City Beet                         | 10c           |
| 1 " Earliest Ripe Cabbage                      | 10c           |
| 1 " Earl's Emerald Cucumber                    | 15c           |
| 1 " La Crosse Market Lettuce                   | 15c           |
| 1 " 18 Day Radish                              | 10c           |
| 1 " Blue Blood Tomato                          | 15c           |
| 1 " Jolly Turnip                               | 10c           |
| 1000 kernels gloriously beautiful flower seeds | 15c           |
| <b>Total</b>                                   | <b>\$1.00</b> |

All for 12c postpaid in order to introduce our warranted seeds, and if you will send 10c we will add one package of Berliner Earliest Cauliflower, together with our mammoth plant nursery stock, vegetable and farm seed and tool catalog.

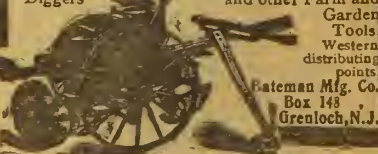
This catalog is mailed free to all intending purchasers. Write to-day.

**JOHN A. SALZER SEED CO.,**  
La Crosse, Wis.

## IRON AGE (Improved Robbins) Potato Planter

The only potato planter that does absolutely perfect work—no misses or doubles.

Write for new 1907 Iron Age Book describing Potato Sprayers, Cultivators, and other Farm and Garden Tools.



Western distributing points,  
Bateman Mfg. Co.  
Box 148  
Grenloch, N.J.

## RED TAG TREES PHOENIX NURSERY CO. BLOOMINGTON, ILL.

The Red Tag is the identification mark on all genuine

## PHOENIX TREES and PLANTS

The sturdiest and best nursery stock experience and good soil can produce. Look for the Red Tag on all trees you buy. Send to-day for free catalogue.

**PHOENIX NURSERY CO.,**  
610 PARK STREET, BLOOMINGTON, ILL.

## ASPINWALL POTATO MACHINERY

GREATEST LABOR SAVERS

## World's Largest Makers of Potato Machinery

CUTTERS, PLANTERS, SPRAYERS,  
DIGGERS, SORTERS.

WRITE FOR FREE BOOKLET  
"POTATO CULTURE"

**ASPINWALL MFG. CO.**

239 Sabin St., Jackson Mich.

## By Their Fruits Shall Ye Know Them

We are willing to be judged by our fruits. For thirty-five years, the product of our nurseries has been absorbed by a buying public, whose patronage has increased from year to year.

## The Des Moines Nursery Stock

embraces all the leading varieties of Large and Small Fruits, Ornamental Trees, Shrubs, Vines and Evergreens. Our new illustrated and descriptive catalogue is free. Write for it. Reliable Salesmen Wanted Everywhere. Good opportunities always open to first class men.

**DES MOINES NURSERY CO., DES MOINES, IA.**

## HOODOO

A new, round, 1 1/2 pound, well netted melon, with red orange flesh. This is the "Lope" you must have for profit next year. Originated by Paul Rose, probably the most noted cantelope grower in the U. S. If you have not heard about it, write us. We have Mr. Rose's seed for introduction. Price for 1/4 lb., \$5.

## VAUGHAN'S SEED STORE

84-86 Randolph St., CHICAGO,  
Or 14 Barclay St., NEW YORK.

gous diseases and insect pests of the orchard and smuts of barley, wheat and oats. The various formula have all been tried and can be safely used. Some of these are for the use of bordeaux



## Do You Want to Farm it Right?

Then sow our Hardy and Reliable Northern Grown Seeds most productive everywhere. We make it a specialty to grow from pedigreed Seed Stock, on our own farms, right here at Faribault, Minn., all the Standard varieties of Seed Grain, Seed Corn and Seed Potatoes. We also offer novelties of wonderful productivity, of our own origination. Try our Canadian Giant Oats, a giant account of stiff straw and enormous yield. Our Canadian Chief Wheat, produces large, plump grain and heavy crops. Having such heavy chaff, it resists smut, rust and blight better than other kinds. For 10c, we will send a sample of pedigreed Seed Grain, also sample of Faribault Jewell Corn, earliest, largest, best yielding Yellow Dent Corn. Spring catalog, English or German, free. Write for it. Farmer Seed Co., Wm. Kusker, Mgr. Box 14, Faribault, Minn.

## NEW KALEIDOSCOPE NASTURTIUM

**FINEST floral novelty of the season.** A prolific bloomer; every plant bears flowers of a dozen different colors, ranging from creamy white, yellow, orange, red and pink, to an intense crimson maroon shade. Many are also splashed and striped with other tints. To find out how many flowers this wonderful nasturtium will produce, we are offering

**\$25.00 in Cash Prizes**

to the persons growing the greatest number on one plant. If you mention this paper, we will send a regular 15c packet of this seed for three 2-cent stamps, with privilege of competing for prizes. Large, illustrated catalogue of Flower, Vegetable and Farm Seeds, Plants, Bulbs, etc., FREE.

**IOWA SEED CO.,**  
DES MOINES, IOWA.

## SPRAYING FRUIT TREES

is no longer an experiment, but a necessity. Prevents wormy fruit by destroying all insect pests and fungus diseases. Every farmer, gardener, fruit grower or grower should write for my free catalogue, describing 21 styles of Spraying Outfits, and containing a full treatise on spraying fruit and vegetable crops, and much valuable information.

**WM. STAHL SPRAYER CO.,** Box 103L Quincy, Ill.

## Perfection Seed Corn GRADER

Perfect Sorter.  
10 Bu. Per Hour.  
None Better.  
Never Wears Out.

**Price Only \$1.00**

Why pay from \$10 to \$25 for a grader no better—few as good? It enables you to produce most corn to the acre. Sorts for any corn planter. Get One of Your Dealer and be pleased—most of them shout its praises. If yours hasn't got it yet, write us for circular and full particulars. \$1.35 express prepaid. Here is big value for a small price.

**W. E. ASHEY TELEPHONE CUT OUT CO.,**  
199 Squares Street, Chariton, Iowa  
Makers of the famous No-Risk Lightning Arrestor

## TREE LILAC - 30 FT. HIGH

A real tree, not a shrub. Never saw one? We have them for sale and many other kinds of fine Lilac. Send for catalog. Positively the finest in the Northwest. It fully describes and prices all kinds of Shrubs, Vines, Trees, Roses, Bulbs, Perennials, etc., and tells you how to plant, prune and care for trees, and all kinds of nursery information. **Sioux City Seed & Nursery Co.,** 2113 Clark St., Sioux City, Iowa

## 12 Pkts SEEDS THE BEST 20c

Beet, Egyptian; Cabbage, Srethead; Carrot, Danvers; Corn, Early Evergreen; Cucumber, New Cumberlander; Lettuce, Early Curled; Musk Melon, Paul Rose; Water Melon, Sweetheart; Onion, Prize Taker; Radish, New Concom; Squash, Marrow; Tomato, Matchless. One packet each for 20 cts., coin or stamps. FREE with order; packet of New Bavarian Oats. Mention paper.

**W. W. BARNARD CO.,** Dept. G, Kinzie St., Chicago.

## TREES At Half Price.

**EVERGREENS.** Good stocky, well-rooted, transplanted trees, 5c. each. Our catalog will tell you all about our cut prices on ROSES, BULBS, SHRUBS, BEETROOTS, SHADE TREES, Etc. A postal will bring it.

**BRISTOW NURSERY CO.,**  
Box 210, Hampton, Iowa

mixture, paris green, the various arsenical poisons, kerosene emulsions and the formalin treatment of wheat and oats. In every case they have been tried and, therefore, can be safely used with benefit.

This bulletin may be obtained by applying to C. F. Curtiss, Director of Experiment Station, Ames, Iowa.

### LEAD ARSENATE FOR SPRAYING.

The following inquiry comes from a subscriber at Ute, Iowa:

I wish you would tell how to make arsenate of lead, a spray for apple trees, as I have quite a few and am bothered with worms. Is disparine the same as arsenate of lead? Let me know where I can get it or how it is made and used.

We use the following formula for preparing lead arsenate: Arsenate of soda, five ounces, lead acetate (sugar of lead), twelve and a half ounces; water, fifty gallons.

Dissolve the arsenate of soda and the acetate of lead separately in earthen vessels in a little hot rain-water. When both are completely dissolved mix and stir thoroughly and add to fifty gallons of water. In using the mixture be sure to keep it well agitated.

Arsenate of lead is used for the destruction of biting insects, such as the codling moth and the canker worm. The codling moth is the worst insect enemy the apple grower has to contend with, as it is the insect which is responsible for the great majority of wormy apples. The canker worm eats the leaves and when present in great numbers often completely defoliates the trees.

The first spraying should be done just as the blossoms are falling and should be very thorough. The larva of the codling moth enters the apple just after it has formed at the blossom end. If there is a little lead arsenate there for him to eat his career terminates.

The second application of spray should be made about two weeks after the first, and the third two weeks later. The fourth and last should be made the last week in July or the first in August.

Disparine is a trade article of which the principal ingredients are probably those composing lead arsenate. Being a trade article it naturally comes higher. It has proven very satisfactory in our experience with it, but we would hesitate to say that it does better work than lead arsenate. Its use is to be commended where one does not wish to bother with the preparation of other arsenates.

It must be remembered that disparine, lead arsenate, paris green and all other arsenates used for spraying are very poisonous and must be kept out of the reach of children and animals.

### Poor Pruning.

To the Editor of The Homestead:

A few summers ago I saw an orchard that had been pruned with an ax the previous year. If any one had done as poor a job trimming out my grove of despised second-growth post oak, he would have had to quit as soon as I found it out.

An ax is a poor tool with which to prune an orchard. I know of no better tools than a sharp saw and a knife with a keen edge, the one for the large limbs, the other for small limbs and water sprouts.

Besides the usual removal of cross branches, those that are too low and water sprouts, there is this spring in many orchards the added work of taking off branches that were broken by the heavy crop of last year. Much care should be used in taking these off so as to leave a smooth surface close to the trunk or large branch where they are removed. A stub six inches or a foot long will never amount to much, if anything, as a bearer of fruit. It only disfigures the tree and induces disease and decay. Take off the broken limbs as you would any other that you want out of the way.

A good way to have a smooth cut where a large branch has to be removed, is to cut it off a foot or more from where you wish, then cut off the stub that is left. In this way you run no risk of having the branch tear the bark down as it falls. It also often enables you to get closer to the tree or large limb with your saw than you could any other way.

The wounds made in removing branches an inch or more in diameter should be painted the day they are made.

We paint smaller wounds, as the

## The RUTA BAGA and THE MAN

**Won the \$300 PRIZE**

**NORTHROP, KING & CO'S PRIZE WINNER**

**St. Cloud, Minn.**

**RUTA BAGA**

**WRITE TODAY FOR OUR CATALOGUE**

Our 1907 Catalogue is 132 pages of Seed Truth. We will send it to you free, if you will write us for it. It tells how you can get free, any of our eleven valuable Booklets:

- "Alfalfa for the Northwest,"
- "Field Corn for the Northwest,"
- "Hen Wealth,"
- "Clovers for the Northwest,"
- "More Pork Profits,"
- "Pastures and Forage Crops," Etc

**N. K. & Co.'s Prizewinner Rutabaga Seed**  
Large pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 50c, postpaid.  
By express or freight, lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50

**N. K. & Co.'s Monarch Rutabaga Seed**  
Large pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 60c, postpaid.  
By express or freight, lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50

**NORTHROP, KING & CO., Seedsmen**  
60 BRIDGE SQUARE MINNEAPOLIS, MINN.

N. B. Northrup, King & Co.'s "Sterling" Brand of Grass and Clover seeds are the best obtainable anywhere at any price. They are sold only in Sealed Bags. See that leaden seal is unbroken.

## Seed Corn

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grown Seeds. Get our catalog. **THE ADAMS SEED CO.,** Decorah, Iowa.

## SEED CORN

**NEW GOLDEN WEST** and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 215 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper.

**IOWA SEED CO.,** DES MOINES, IOWA.

## SEED CORN

Five bushels or more at \$1.00; 1 bu. \$1.25; 1/2 bu. 75c; pk. 40c; one ear or one lb. shelled, by mail, 25c; hand sorted, tipped and butted, shelled and graded, sacked and free on cars at Shenandoah, Iowa.

**Large Kinds.**  
Mammoth Iowa Yellow  
Snowflake White  
Iowa White Wonder  
Legal Tender

**Medium Kinds.**  
Early Yellow Bloss  
Ireland's Yellow Dent  
White Salamander  
Silver Mine

**Early Kinds.**  
Leaming White Dent  
Klondike Longfellow's Dent  
Small grain, grass seed, vegetables, potatoes, cane seed, silage corn. Let us figure on your list.

Catalog Free **J. B. ARMSTRONG & SON,** Shenandoah, Iowa

## Fire or Kiln Dried SEED CORN

OUR leader is Brown's Choice, which we years ago developed from Leaming stock. Reid's Yellow Dent, Iowa Silver Mine and Yellow Rose, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

**JOHN E. BROWN & SONS,** MITCHELLVILLE, IOWA

spring winds check the wound so soon, and you never know the coming day's weather, therefore, it is best not to "wait till tomorrow" before covering the wounds. White lead and oil make the ideal paint for this purpose. As we have but a few hundred trees we buy the mixed paints that come in half gallon cans. They are ready to use as soon as stirred thoroughly.

When burning the brush it must be far enough from the trees to prevent the heat from injuring them.

**Kimmund, Ill. W. B. Lloyd.**

**Pruning Cherry Trees.**

To the Editor of The Homestead:

A few days ago we passed a cherry orchard which had been severely pruned in January. This same orchard was pruned in the same month two years ago and so far has shown no bad results from the operation. It has borne

## IOWA CLOVER

**TESTED** for germination and purity. Our "PURITY BRAND" is guaranteed free from Quack, Mustard, Canada Thistle, etc. Absolutely the best. Home grown Medium Red, Mammoth and Timothy. Also Alsike, White Clover, Alfalfa, Blue Grass, Genuine Dwarf Essex Rape, Adams' ENGLISH OATS and field seeds of every description. Pure bred SEED CORN, Garden and Flower Seeds. Get our catalog.

**THE ADAMS SEED CO.,** - DECORAH, IOWA

## Jewell Seeds and Trees

Have been planted since 1868. Always reliable. Most complete line of hardy stock in the U. S. Five catalogs. The Jewell Nurseries, Box 16 Lake City, Minn.

## 300 Plants \$1.00

100 of that choice new variety, Senator Dunlap and 200 of two other choice varieties, and printed instructions with each order on how to grow them.

**J. L. TODD & SON.**  
BOX B, WOODWARD, IOWA.

## TREES THAT GROW

Apples 4c, Peach 5c, Plums 12c, Cherries 15c. Best quality good bears, grafted stock, not seedlings. Concord Grapes 2c. Forest Tree Seedlings \$1.00 per 1,000 up. We pay the freight.

**GERMAN NURSERIES & SEED HOUSE, Prop.**  
**CARL SONDEREGGER,** Flower and Farm Seeds. Our large illustrated catalog free.

**GERMAN NURSERIES,** Box 12, BEATRICE, Neb.

## EVERGREENS

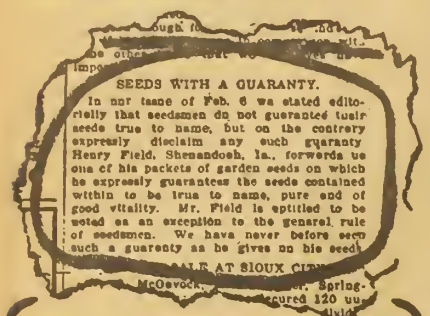
200 Norway Spruce, 3 to 6 in., \$1; 100 Arbor Vitae, 3 to 6 in., \$1. Prepaid by mail. Many other \$1 bargains. Larger trees by express or freight very cheap. Sixteen different kinds. Price list free. **HARVARD NURSERY,** Box W, HARVARD, ILL.

good crops the last two years. The general advice is not to trim cherry trees and we believe that it is in the main, good. Of course, where



## One SEEDSMAN Who GUARANTEES His Seed True to Name

Clipped from Breeders' Gazette Feb. 20th



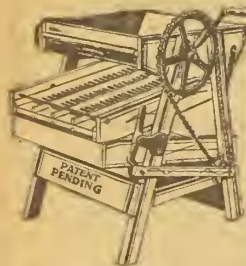
This clipping in connection with the list of exposures of adulterated seeds, make mighty interesting reading.

For 12 years I have carried a guaranty of purity, genuineness and germination, on the seed I sell, and I propose it shall stand 50 years more. I have faith enough in my seeds that I am willing to back it up.

This guaranty has helped me in building up the best seed business in the west. I sell all my seeds subject to a guaranty of Government Standard or better. I sell subject to your test and approval. I will ship on approval. I sell all kinds of seeds, seed corn, grass seed, garden seed, small grain, and all on the same terms. Write for catalog and free samples, or send along your order for shipment on approval.

**HENRY FIELD,**  
Seedsman

Box 25, Shenandoah, Iowa.



## SELECTION OF SEED CORN Is what Makes Your Corn Crop.

You cannot afford to take any chances here. The surest and easiest way to get the best seed corn, that will yield you the biggest and most valuable crop is to grade your corn with an

## "OWENS"

**Seed Corn Grader and Sorter**  
Shipped on 30 Days' Free Trial. Freight prepaid. It is built by men who know, and will increase your yield from 10 to 25 bushels per acre.

Our book, "How to Grade Seed Corn," is free. Write for it. Do it now!

**J. L. OWENS CO.,**  
Dept. 614, Minneapolis, Minn.



have stood the test for over 50 years, and are still in the lead. Their absolute certainty of growth, their uncommonly large yields of delicious vegetables and beautiful flowers, make them the most reliable and the most popular everywhere. Sold by all dealers. 1907 Seed Annual free on request.

**D. M. FERRY & CO.,**  
Detroit, Mich.

## SEED CORN

I HAVE an early yellow seed corn to sell. About ten days earlier than Reid's Yellow Dent and as pure a corn, I can give history of this corn for 70 years. I sell seed corn in the ear only, and guarantee satisfaction or your money back. 70 pounds of ears will shell 61 and 62 pounds of corn.

My "Improved Pride" corn was planted in seven counties by the Agricultural college last year in county experiment work.

Next week I will give you the names of these counties and the record. Write for testimonials of the "Improved Pride" corn. This is a corn that won sweepstakes at Carroll Farmers Institute a year ago and \$10 in gold for best 5 ears at Farmers bank in November.

**G. GREGORY, - - - RALSTON, IOWA**  
Half mile from town. Reference: Ralston Savings Bank.

## GOLD MEDAL SEED CORN

FROM stock that won the \$2,000 Burg wagon. 300 bushels Reid's Yellow Dent home grown and kiln dried, \$2.00 per bushel in ear, or \$1.75 shelled. Satisfaction guaranteed. Twenty years' experience. **W. P. CODD, - - - AMES, IOWA**

## 300,000 RED CEDARS.

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list. **GARLAND & FOWLER, - - - AFTON, IOWA**

**SEED CORN** Pink Large Yellow Dent and Reid's Yellow Dent seed corn for sale by **H. F. WILKINSON, Mitchellville, Iowa.**

there are cross limbs and where the head is too thick we should not hesitate to do the necessary trimming, but wholesale slaughter is likely to work great havoc, as rot may start in the wood where the cut has been made, which will eventually destroy the tree.

In this orchard not enough time has elapsed since the first pruning to determine whether this will be the result. In that orchard the first mistake was made when the trees were planted, for they were set twelve feet apart each way. The pruning has been done to keep the trees from crowding. I believe it would have been better when it was seen that the trees were too close together, instead of cutting them back, to have cut out every other tree. In the long run the orchard would have been better for that treatment.

There is always a temptation to plant trees too close together. It is true the little switch that is set out does not need much room, but the planter must have in mind the great tree that it is to become some day.

Franklin Brown.

## AMONG THE SEEDSMEN.

Kherlan oats are offered for sale by Messrs. Aye Bros., of Blair, Neb.

Seed corn sold under the Holden test is advertised for sale by the Gateway Nursery Company, of Le Mars, Iowa. They also have all kinds of nursery trees and plants for sale.

## HOW'S THIS FOR YELLOW CORN?

In this issue of The Homestead Mr. G. Gregory, of Ralston, Iowa, makes an announcement regarding his supply of seed corn that should be investigated by all growers of corn. He states that he is now ready to supply parties with "Improved Pride" yellow corn in the ear at moderate prices. This corn is claimed to be ten days earlier than Reid's Yellow Dent and is as pure as any corn bred. This corn has been winning good opinions from planters. Write for prices and turn to this page for the advertisement.

## THE CLOVER MARKET.

During the past two weeks the demand for clover seed has been unprecedented and the supply in all the leading markets is practically exhausted except of the foreign seed, which is not desirable. Letters have been received recently from prominent dealers from St. Louis, Toledo, Milwaukee, Chicago and Kansas City, stating that their supply of home-grown seed was practically gone now. Owing to a favorable crop in some parts of the state, the Iowa Seed Company were able to purchase quite a number of carloads and they still have a limited amount of home-grown seed on hand. Prices have advanced, however, and the Anchor brand or best grade of red clover is now worth \$11.25 per bushel; the choice grade, \$10 per bushel, with the outlook favoring further advance soon. Alsike is much cheaper, the Anchor brand of it now selling for \$10.50 per bushel. Readers of this paper are invited to write to the Iowa Seed Company, of Des Moines, Iowa, for samples of clover, timothy or any other farm seeds they may desire and they will be forwarded promptly if you mention The Homestead.

## CHEAP VALUABLE FEED.

The average farmer has yet to learn the value of roots for stock feeding. In this respect, farmers of the old country are far ahead of those in this country. In nearly every community one may find a farmer who pays some attention to root crops. The turnip and rutabaga are very rapid-growing root crops and suitable for growing on almost any corn belt farm. There is always a few small patches about the farm yards or in the fields which lie idle a good share of the year. There is no crop so suitable to these patches as a root crop, especially one like the rutabaga. This root can be planted late in the season and still mature a good crop of succulence as many root crops do late in the season. They can be left in the ground until the advent of cold weather, then stored in a root cellar to be fed in the winter when there is a scarcity of feed of this nature. Unusual results have been secured with the rutabaga seed grown by Northrup, King & Co., seedsmen, 60 Bridge Square, Minneapolis, Minn. On page 9 they quote prices of their prize seed, and also offer to send you some valuable booklets on farm subjects free. Be sure to use their full address when writing.

## A UNIFORM STAND.

This is the ideal toward which the progressive farmer is striving. The method of doing this is the greatest question that confronts the farmer of this territory, as corn is his chief product. The question of testing the seed corn has been agitated continually for some time, but there is a question of selecting proper seed that precedes this. How best to sort the seed corn is the question. There have been many machines put on the market recently, but few are giving satisfaction. In fact, so many fail so far short that the farmer who has tried them has lost confidence in the practicability of a machine for this purpose. The Monarch Self Feeder Company, 95 Main St., Cedar Falls, Iowa, have a machine in which they have the greatest confidence. It is a machine that has been thoroughly tested by the best corn experts and pronounced the best one on the market. The principles upon which the Monarch Sorter works are right and its work is of the very best character. It is not an experiment, but the result of years of experience. It is a simple, well-made machine that will last a life-time. The No. 1 sorts for width, length and thickness. The first drum is perforated. This drum takes out the small and narrow kernels that should not be planted. The second drum is slotted to take out the flat kernels that are one-eighth inch and thinner. The third drum is slotted and will take out the flat kernels over one-



## SUCCESSFUL TOOLS

These Chisels have carved their way to fame. To-day, those who know tools pronounce the Keen Kutter the perfect Chisel Success. Tempered nearly to the handle; hand whetted; sharp and ready for use; handles of selected white hickory with leather heads.

## KEEN KUTTER QUALITY TOOLS

are all successful tools—tools that have won their way by hard, honest, true work. Every step in their success has been reached by sheer force of merit and quality. Keen Kutter Tools include—Saws, Chisels, Bits, Gimlets, Awls, Planes, Hammers, Hatchets, Axes, Drawing-knives, Pocket-knives, Screw-drivers, Files, Pliers, Glass-cutters, Ice-picks, and a full line of Farm and Garden Tools. For 37 years Keen Kutter Tools have been sold under this mark and motto:

"The Recollection of Quality Remains Long After the Price is Forgotten."

Trade Mark Registered.

If not at your dealer's, write us.

Tool Book Free.

SIMMONS HARDWARE COMPANY, St. Louis and New York, U. S. A.

## My 2-in-1 Harrow Makes a Perfect Seed Bed in HALF THE TIME

BECAUSE it does the work of both a Spring Tooth and a Spike Tooth Harrow at one time and at one operation. Because, you see, my harrow is BOTH HARROWS IN ONE. If you have to go over your field four times now—you'll only have to go over it twice with my harrow.

J. R. Naylor, a practical farmer who invented this great time-saving 2-in-1 Harrow.

even better seed bed when you use my harrow, and you can follow right along with a planter. That means if it rains overnight you haven't got your work to do over again.

On newly broken sod you can work across the furrows (instead of with them) and not pull up a single sod or choke the teeth. You can prepare new ground with my harrow in a THIRD the time you can working the old way—using two harrows separately.

One lever instantly adjusts my harrow so you can use the spring teeth alone—or the spike teeth alone—or both together—or you can throw all the teeth up out of the way so that the frame will slide along the ground like a stone boat.

When a live farmer knows about my harrow he wants it. I can name, off-hand, twenty places near my farm in Cass Co., Mich., where you'll find good spring tooth and spike tooth harrows out in the barnyard with grass growing up around them.

The farmers have thrown them away and are using my harrow alone—and they're MAKING MONEY by doing it.

## HOW I CAME TO INVENT THE 2-IN-1 HARROW.

I always had the same trouble you've had in getting my ground ready.

It seemed like there ought to be some way around it. So my brother and I got busy one winter AND SOLVED THE PROBLEM.

This is the way we figured:

A spring tooth harrow wants to keep digging in all the time. That keeps the frame pressed hard on the ground and it's a tough pull on the horses. A spike tooth wants to keep jumping up all the time, you have to put some heft on the top to keep it down. The horses have to drag the heft as well as the harrow.

So we made a 2-in-1 harrow—spring and spike teeth together. That season we used it on our farm and it worked just as we figured it would.

The spikes kept the springs from digging in too far, and the dig of the springs kept the spikes down to their work—and once over (except on extra bad ground) left a smooth, even, perfect seed bed.

That's why my 2-in-1 Harrow was easier on the horses than either a spring tooth or spike tooth alone and SAVED OVER HALF OUR TIME getting ready for planting.

The best proof of how really good my harrow is lies in the actual fact that every harrow I have sold has since sold from two to five more.

My Harrow is such a really wonderful thing and such a TIME and MONEY saver for the farmer that I expect each harrow I place will keep on selling others in the neighborhood. So I have decided to make a

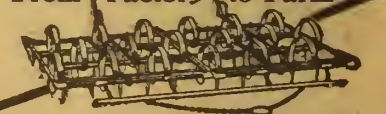
**SPECIAL CONFIDENTIAL PRICE** to the first man in a locality who writes me—the confidential price will be AWAY DOWN, too.

Don't even consider buying a Harrow till you get my confidential Introduction Price.

Write quick to

**J. R. NAYLOR,**  
Naylor Mfg. Co. 4 Spring Av., LaGrange, Ill.  
(Not Incorporated.)

From Factory to Farm



Get All Your Hay and Grain is Worth by Shipping to  
**J. J. CONSIDINE CO., 99 No. Jefferson St., CHICAGO**  
**HAY** RECEIVE HIGHEST QUOTATIONS AND QUICKEST RETURNS. **GRAIN**  
REFERENCE: National Bank of the Republic. Write for market quotations. FREE UPON REQUEST.

## The Jewell Nursery Co.

(Box 16,) Lake City, Minnesota

Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1865. Hardy seeds, trees and plants. Agents wanted—Good pay.

AGENTS wanted to introduce Burbank's wonderful stoneless plum—Miracle, and sell our well-known nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

5 VARIETIES of seed corn for sale at \$1.25 per bu., eared or shelled. Satisfaction guaranteed or money refunded. Alex James, R. 1, Shenandoah, Ia.

eight inch to seven-thirty-seconds inch. The thicker, irregular shaped and hutt kernels that will not pass through the planter plate are passed out at the end of the third drum. This gives four distinct assortments of corn from the top cylinder. The corn that should be planted is passed into a second lower cylinder where it is assorted according to length. The machine has a large capacity and is guaranteed to do all and even more than is claimed for it. Every farmer is interested in such a machine, therefore every farmer will do well to write them for their literature. Remember, satisfaction is guaranteed.

## Pays for Itself Many Times.

Delany's Seed Corn Sorter saves time in planting because it removes the dirt and chaff and irregular shaped kernels which tend to clog the planter.

It increases the yield per acre by improving the work of the planter.

It costs less than other sorters and does better work because good seed will not fall over as in continuous flow machines.

It will grade from 2 to 3 bushels of seed an hour and will last a life time.

Hundreds of satisfied farmers use it.

Send for free Seed Corn Booklet C, showing our line of Sorters.

Get your orders in early.

**J. F. DELANY, : COLONA, ILL.**

**STARK NURSERIES** sell Direct pay freight, give FULL value Founded 1825. Large NEW Fruit Book free. **STARK BRO'S, Louisiana, Mo.**

**STRAWBERRY PLANTS** 15 best varieties, Special—300 Senator Dunlaps \$1. Fred I. Shum, Dexter, Iowa.



## VETERINARY MATTERS.

**PROFESSIONAL** Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### POLYPUS.

I have a black mare twelve years old that has had a growth in her nose for two or three years. It affects her breathing. Will sometimes break and bleed, then is some better for a while. What can be done to help her?

The only remedy in such a case will be to have the polypus (tumor) removed by operation, which can only be done properly by a qualified surgeon and then it proves a success.

#### DIARRHEA.

Could you please tell me what is the matter with my chickens? They have a yellowish diarrhea and in about two days they die. I examined them and their liver was about as large again as it ought to be. What is the cause? Is it contagious, and can it be cured. I feed them corn, oats, wheat and sometimes bran, and give them plenty of fresh water.

Scouring is present as a symptom in many diseases of chickens and is a prominent symptom of fowl cholera, so that all affected chickens should be isolated and the houses, roosts, etc., should at once be disinfected and whitewashed. It would be better still to change entire flock onto new ground; lessen the grain ration; burn chickens that die. Mix a few drops of carbolic acid in drinking water and in feed a few grains of dried sulphate of iron and ground ginger root.

#### ABSCCESS.

I have a two-year-old mare colt. About ten days ago she got hurt on the inside of her hind leg close to the stifle, on a stick, I think. When I noticed it it was swollen to about the size of a small bowl, was soft, and I greased it with lard where the sore was. When I took off the scab it looked like there was a small hole in her leg like she had been ruptured, but it was not sore. I have been putting hot water on her leg and rubbing it with liniment, but it is swelling all the time, both up and down. She is not lame, but is getting tender where the swelling is, and it is getting hard. Am afraid it is going up into her body.

This is a case for the veterinarian, as the stifle region is dangerous and as an abscess apparently has formed and pus must be liberated by lancing, a sur-

geon should be called in to do the work. Meanwhile foment the part twice daily with hot water and inject peroxid of hydrogen.

#### WORKING STALLION.

What do you consider is the best method for exercising draft stallions? Would there be any objections to a tread power or a sweep feed mill? I believe a stallion for best results should be made tired once a day. I would like your opinion on the subject.

A tread power or sweep is a poor place for a stallion, any horse for that matter, but there is no reason why a young stallion should not be taught to do all kinds of farm labor and when so used he will certainly be a far better and more prepotent sire than when kept pampered in idleness. It is difficult or impossible to teach an old stallion to work, so that such horses are best exercised by allowing them a yard to run in and giving them halter exercise daily.

#### GARGET.

Could you tell me what to do for my cow? About two years ago she came home and one of her teats looked like a knife had been sunk in it. It gave blood for a long time. She finally got all right. Last year her teat was not what it ought to be. Now she has her second calf. She is almost dry. Her bag is swollen up and hard. We had a man to look at it. We would like to have it lanced, but he said not. He gave us some medicine, but it did no good. In case of blood poison what would you do? Will she be good for milk if she gets well? She is six years old.

It will be too late to save the udder and lancing will do no good unless it is known that pus is present. Cow should be fattened for slaughter if she is otherwise in good condition and no milk can be had from udder. Twice daily foment the udder with hot water; then rub well with camphorated oil or lard. Strip away any fluid that can be got from teats.

#### BULLNOSE.

What is the matter with my pigs? There is a small lump comes on the side of their noses, and then gets larger until it is about the size of a teacup. Then it breaks out in a big sore, and I have never had one to get well yet. I have six that way now. I would like to know what it is. Is there any cure for it?

This disease, which is considered incurable, also goes under the name of "snuffles." It apparently is due to some germ and is usually associated with a form of rickets, affecting the entire bony frame of the animal. Affected animals should be isolated. If they fail to respond to treatment they should be killed and burned and all premises they have occupied should be disinfected and whitewashed. Treat by opening and scraping out each abscess or ulcer; then swab daily with tincture of iodine applied freely and also painted on all tumors. Feed milk, middlings, bran, flaxseed meal and dried blood meal. Mix lime water freely in all food and drink.

#### LOSS OF HEIFERS.

I have lost six three-year-old heifers, and on opening I find in every case they have calves in them. I also find in every case from five to six pails of water in the uterus. I believe from appearances that the calves are drowned. The heifers act stupid and refuse to eat a few days before dying. I had them dehorned in October. Would that have anything to do with it? They have been fed on straw, corn stalks and some corn. I have quite a number left that I am afraid of losing in the same way. Please give me cure and treatment.

Death of unborn calves in these cases may be due to the sickness which occasions death and that may be corn stalk disease, so-called, or some other disease of the digestive organs induced by affected food. "Dropsy of the amnion," the condition of the uterus alluded to may not be the cause of death, but

The Famous Steer  
**RUBY ZENOLEUM**  
International College  
Champion, 1906,  
Owned and Fed  
by Nebraska  
Experiment  
Station



Chicago Live Stock  
World said "192 Ex-  
hibitors at the Interna-  
tional, Chicago, are  
Users of Famous  
**ZENOLEUM**.  
That tells  
the story."

### IT WILL HELP YOUR CATTLE

No other animal dip and disinfectant has so many real uses about the cattle-barn and feed-lot. It is valuable to the farmer and stockman, the beef-grower and the dairyman. Zenoleum kills lice, cures mange and all skin diseases. Heals sores and wounds. Stops contagious abortion. Prevents calf-cholera and scours. Its use makes clean surroundings.

## ZENOLEUM

Destroys disease germs and prevents contagion. One gallon goes a long ways with the average herd. Perfectly healthy animals are better producers and make greater profits. Zenoleum keeps stock well.

### Forty-two State Agricultural Colleges Recommend It.

AT ALL DEALERS—Small size, 25c; Quart, 50c; Half gallon, 90c; One gallon, \$1.50; Five gallons, \$6.25—or we will deliver one gallon or more, charges paid, to your station.

ASK YOUR DEALER FIRST

### Our Broad Guarantee

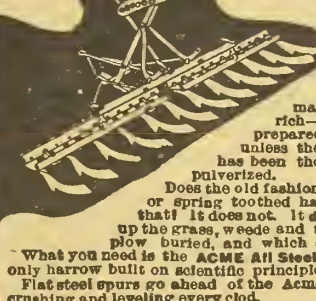
If Zenoleum is not all we claim it is, or even what you think it ought to be, you can have your money back. No talk, no letters—just money.



64  
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Booklet

Zenoleum Veterinary Ad-  
viser written by Agricultural  
College Authorities. Positively Free  
or the asking. Send a postal quick.  
The Zenner Disinfectant Co.  
131 Lafayette Ave., Detroit, Mich.

## The Acme Harrow



Well pulverized soil is the most important requisite of a good seed bed. No field—no matter how rich—is well prepared for seed unless the ground has been thoroughly pulverized. Does the old fashioned spike or spring toothed harrow do that? It does not. It does tear up the grass, weeds and trash the plow buried, and which should stay buried. What you need is the **ACME All Steel Riding Harrow**—the only harrow built on scientific principles. Flat steel spurs go ahead of the Acme coulters or teeth, crushing and leveling every clod.

### Try the Acme FREE.

Then the coulters like long plowshares follow, turning the soil both ways and mixing it. When they get through with the soil is as fine as a Harrow can make it and presents all its food to the seed. Think how much easier on the team the Acme Harrow is! The old harrow dragged bluntly against the soil. The Acme cuts smoothly through. Then the Acme is very convenient to move from one field to another, as a lever raises the coulters from the ground. One man can put the harrow in a wagon or sled with ease. The Acme is the lowest priced harrow made and is built to last. Write for free book, "A Perfect Seed Bed," written by distinguished agriculturists. A postal to me and it will come.

DUANE H. NASH, Box 44, MILLINGTON, N. J.

## HORSE OWNERS! USE



### CAUSTIC BALSAM.

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for circular. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.



### Beery Bit Controls

any horse, any time, any place, sure. Your dealer should have them. If not write me for my trial offer. PROF. J. A. BEERY, PLEASANT HILL, OHIO.

## VETERINARY COURSE AT HOME.

\$1200 year and upwards can be made taking our Veterinary Course at home during spare time; taught in simplest English; Diploma granted, positions obtained for successful students; cost within reach of all; satisfaction guaranteed; particulars free. Ontario Veterinary Correspondence School, London, Can.

## A. S. ALEXANDER, V. S.

MADISON, WIS.,  
Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

## THICK, SWOLLEN GLANDS

that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

### ABSORBINE

or any Bunch or Swelling caused by strain or inflammation. No blister, no hair gone, and horse kept at work. \$2.00 per bottle, delivered. Book 3-C free.

**ABSORBINE, JR.**, for mankind, \$1.00, delivered. Cures Gout, Tumors, Varicose Veins, Hydrocele, Varicocele. Book free. Made only by **W. F. Young, P.D.F.**, 40 Monmouth St., Springfield, Mass.



merely incidental to the sickness referred to. It is possible where the dropsy alone exists to tap the amnion by way of the vagina and by drawing off the fluid at least save the life of the cow. Have an investigation made by a qualified veterinarian.

Schneider Bros. Sale at Grand Junction, Iowa.

March 6th, the day on which the above sale was slated, opened with very undesirable prospects. Slippery rails and slow roads kept many away. However, Col. F. F. Luther, with his ringmen, picked bids quite freely from the crowd. Delay in starting, combined with the large number of stock to be sold, reduced prices considerably, and many buyers secured snaps. Mr. J. A. Penn, of Alta, Iowa, one of the sensible breeders in the northwestern part of the state, paid the top price, \$67.50, for a splendid gilt that would be considered a fine addition to any herd. A part of the bulls were sold, though the demand was not strong, and as it was growing late, no more were offered. Mr. W. J. Schalldorf paid \$102.50 for No. 1; Mr. J. Jesinsky, \$72.50 for No. 8. It was certain that breeders did not appreciate the best part of the offering or many more would have turned out. The sale resulted in the following prices:

Lot.	Price.
2 J. H. Bherns, Ft. Dodge	\$ 45.00
4	45.00
5 Geo. Busch, Grand Junction, Ia.	38.00
6 J. Whalen, Grand Junction, Ia.	39.00
7 J. L. Luther, Grand Jct., Ia.	33.00
9 D. A. Swartzendruner, Rippey, Iowa	32.00
13 Chas. Wendt, Grand Junction, Ia.	36.00
14 W. J. Schalldorf, Grand Junction, Iowa	25.00
16 Morris Bros., Grand Junction, Ia.	38.00
17 J. A. Penn, Alta, Iowa	33.00
28 Same	67.50
18 E. E. Kupfer, Rippey, Iowa	29.00
19	29.00
20 C. Spear, Dana, Iowa	25.00
21 Dan Bluncher, Grand Junction, Iowa	33.00
26 W. C. Hastings, Grand Junction, Iowa	26.00
24 M. C. Howard, Grand Junction, Iowa	35.00
25 Same	29.00
30 E. Moore, Adel, Iowa	36.00
32 Geo. Ruth, Grand Junction, Ia.	25.00
37 J. B. Hastings, Grand Junction, Iowa	32.00
40 C. C. Healy, Dana, Iowa	37.00
43 Substitute, Same	34.00

## Ring-Bone

There is no case so old or bad that we will not guarantee

**Fleming's Spavin and Ringbone Paste** to remove the lameness and make the horse go sound. Money refunded if it ever fails. Easy to use and one to three 45-minute applications cures. Works just as well on Sidebone and Bone Spavin. Before ordering or buying any kind of a remedy for any kind of a blemish, write for a free copy of

**Fleming's Vest-Pocket Veterinary Adviser** Ninety-six pages of veterinary information, with special attention to the treatment of blemishes. Durable bound, indexed and illustrated. Make a right beginning by sending for this book. FLEMING BROS., Chemists, 210 Union Stock Yards, Chicago, Ill.

## BOWSHER

(Sold with or without elevator)  
**CRUSH** ear corn (with or without shocks) and **GRIND** all kinds of small grain. Use Conical Shape Grinders. Different from all others.

### LIGHTEST RUNNING.

Handy to Operate. 7 Sizes—2 to 25 h.p. One size for wind-wheel use.

Also make Sweep Grinders; both Geared and Plain.  
**E. N. P. Bowsher Co.**  
South Bend, Ind.

## FEED MILLS



### The "STAY THERE"

**Aluminum Ear Markers** are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address **WILCOX & HARVEY MFG. CO.**, 107 Lake St., Chicago, Ill.





### EXAMINE A PEERLESS CREAM SEPARATOR

See the many points of superiority it has over all other makes:

The Peerless has a combination hollow and disc bowl. This one feature alone means a saving of the price of the machine over other standard makes.

You cannot afford to use a cheap separator if you can get one for nothing. Write for Special Catalog No. 9.

Waterloo Cream Separator Co.,  
Waterloo, Iowa.

## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### CENSUS OF DAIRY SITUATION.

The dairy industry of the United States during the last quarter of a century has had a remarkable growth, increasing over five-fold in the value of its products. That the industry is being condensed is fully shown by the fact that while the number of establishments has increased 127 per cent, the wage earners have increased but 96.9 per cent. Labor-saving machinery has brought about this result.

The average amount of capital invested per establishment has grown from \$2,443 in 1880 to \$5,294 in 1905; the average value of products from \$6,547 to \$18,842, according to the census for 1905 issued by the government director.

The period of greatest relative increase in value of products was from 1890 to 1900 when the centrifugal separator came into general use. During the last five years the number of establishments have decreased nearly 4 per cent, which shows that the business is being still more concentrated since the advent of the cream separator on many farms. This has resulted in a consolidation of creamery interests which absorbed many of the smaller plants.

It stands to reason that the larger creameries and factories are able to manufacture butter and cheese at a less expense, since they can utilize more labor-saving machinery, produce a higher product on account of being able to hire more skilled labor and sell their products at better prices. The demand for cream in the cities is growing so rapidly since the advent of machinery and methods which produce a purer product that a great many factories have abandoned the manufacture of butter and cheese for the sake of engaging in the sale of milk and cream. The average value per pound of cream in 1905 was 8.4 cents.

The great proportionate increase in both the amount and value of condensed milk is a noticeable feature in the latest census. In all, there are something like eighty-one of these factories in operation in the United States. New York leads with twenty-five, Illinois follows with fifteen, California, Michigan and Pennsylvania with six each, Wisconsin four and Ohio three. In Illinois 50 per cent of the value of her dairy products were credited to condensed milk.

The average price paid to patrons for milk used in making butter was eighty-one cents per hundred pounds. In western states the price ran as low as sixty-five cents, while in the east as high as \$1.00. California paid ninety-one cents per hundred to its milk producers for butter making, Wisconsin eighty cents, Minnesota seventy-four cents, Kansas seventy-eight cents and Illinois eighty cents. For making cheese an average

# SHARPLES BUSINESS DAIRYING FREE

Contains all the money-making points of dairying. Among the subjects treated you will find How to Feed, What to Feed, When to Feed, What Foods Produce Most Milk, How to Take Care of Milk-Producing Foods, How to Feed Silage, the Care of the Milch Cow, and many other profitable and practical suggestions that help swell the profits of the dairyman. With the book we will send additional information telling you how and why you can get the most out of you milk by using the

## Sharples Tubular Cream Separator

We guarantee that with a Tubular you can get 50 per cent more cream over the old pan method of skimming, and 6 per cent over any other cream separator made. Sharples Separators get all the cream and the Tubular is the easiest running, easiest cared for, and easiest kept clean. There is just one tiny piece in the bowl, the milk can be low and handy, the bearings are self oiling. Write for the "Business Dairying" at once stating number of cows you keep. Ask for booklet D.121



Mr. S. L. Boyer, Venetia, Pa., says "The Tubular makes me \$255.00 yearly."

The Sharples Separator Co.,  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.

## Let Us Quote You a Special Price

On Our Improved 1907 Model

### DAVIS Cream Separator

Built and sold by the nine Davis brothers, who have spent 20 years bringing it to its present state of perfection. It is sold straight from the factory at

#### Wholesale Factory Prices

thereby saving you 20 to 50%. It's better than ever and if you write for our catalog it won't take long to see why. It's right up to date. Has low down supply tank, simple enclosed gear and a perfect bowl always in balance. Drop us a line now for money saving catalog No. 118

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To Try at Our Risk 30 Days

Get Our Offer Don't buy any

anywhere, at any price, until

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cost you a 1-cent postal

card to get our 138-page

White Hickory Catalogue, cut prices and

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We Paralyze Competition. Write today for

Big FREE Catalogue and Confidential Offer.

Consumers Carriage Mfg. Co., Dept. BA, Chicago, Ill.

FOR SALE First-class up-to-date set of meat

market fixtures. Been in use only six

months. Oak cooler, inlaid tile front with French

mirrors. Address, Box 205, Ottumwa, Iowa.



anywhere from 50 to 100 per cent in cost.

### Parasites in the Dairy Herd.

To the Editor of The Homestead:

The average dairy herd has several of these enemies of profit in it. They fasten themselves to the farmers' pocket-books and suck incessantly. They are so cleverly masqueraded that they cannot be picked out with a moment's inspection. The fact is, they look just like real cows. There is just one way known that will rid you of these pernicious critters; the scales and Babcock test.

The patience that the average farmer has with free feeders is indeed very pathetic; such self-sacrifice is seldom equaled. The farmer who has purchased gold bricks is a thing of the past; however, you probably have several gold bricks around your place now, if you would just take the trouble to find them. You are the dupe of some old dumb

brute who boards on your place. You would also find what cows deserve credit for that neat little cream check that comes in so handy every week.

I once heard one of these old free feeders remark, "Actually, I am ashamed to look Farmer Jones in the face when he comes down the feed alley and gives me my supper. He is so easy."

No, you don't have to speculate on the board of trade nor with cheap mining stock to get swindled. Are you going to stand for this forever and ever? The scales and Babcock test are your only salvation. "But it takes so much time and is so much trouble," you say.

Well, "there are no gains without pains" and is it more difficult than to keep cows that are eating up your profits every day? Do you expect the cow to come and tell you that she is not earning her board? A sensible, sober cow that is in her right mind won't do it. Do not leave your purse wide open for those parasites, for they will certainly make your will lean and sad looking.

No matter how hard you work with your cows; how careful you are with their feed and management, if some of them are eating up the profits of the others, what has your care and labor netted you? You simply cannot tell the good cows from the poor ones unless you weigh and test. What you think is your best cow may have her account in red ink and still steadily be over-drawing. Get your neighbor interested in this sort of work. Talk to the creamery man about it. He will be glad to help you in any way that he can. Some arrangement may be made by which he would do your testing for you. He would at least allow you the use of his tester.

There is nothing complex or difficult about this work; just simple, every-day business. If you were in a boat and it should spring a leak, you would certainly find it and plug it up. Now, find the hole through which your profits are leaking little by little, and plug it up with a good cow that has been tested and not "found wanting." "The smallest leak may sink a great ship." Don't be humbugged any longer; get busy; weigh and test.

Ames, Iowa. Herman Hörneman.

### La Rue's Duroc Jersey Sale.

The sale of Mr. E. F. La Rue, at Lyons, Neb., on March 1st, proved a great success, and it deserved to be. He had an excellent lot of sows and they were in good condition. This was his first public sale and he pulled

## How to Judge INVESTMENTS

Before you invest a dollar in anything, send for my book "How to Judge Investments."

This book tells you about everything you should know before making any kind of an investment, either for a large or small amount.

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It explains the growth of capital and how small investments have brought wealth and fortune to others.

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A financial critic says of this book, "It is the best guide to successful investing I ever read."

The regular price is \$1, but to introduce my magazine, the "Investor's Review," I will send the book postpaid on receipt of a two-cent stamp and in addition will send you the Review for three months free.

The Investor's Review is of interest to all persons who desire to invest their money safely and profitably. Address Editor,

Investor's Review, 736 Gaff Bldg., Chicago, Ill.

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Freight  
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**Wagon-Box Manure Spreader**

**Direct From Factory To You**

Backed By \$25,000 Guarantee.



**Fits Any Truck Saves You 50%**

**Only Endless Apron Force Feed Spreader Made.**

JUST that: It's been a long time getting here—but I've got it.

The Only Endless Apron Force Feed Manure Spreader in the World.

The Only Wagon-Box Manure Spreader on the market.

Think of the combination!—Just the two things in a manure spreader the farmer has always wanted.

The wise ones said it couldn't be done. I've disappointed them.

First—they said a wagon-box spreader wouldn't work. My hundreds of well-satisfied customers have already stopped that talk.

Then—when it came to an endless apron force feed machine—they said, "impossible." Did you have free mail delivery, telephone or a cream separator ten years ago? Nothing is impossible! You will say so when you see how simple and how wonderfully effective my great new improvement is.

It is simply turning the spreader business right end to and giving the farmer a chance.

Every farmer can afford a Galloway Wagon-Box Spreader.

I want every farmer in the United States to own one.

That's why I sell it direct to you, saving you every cent. (Tell your neighbors.)

Right at the start I am selling this machine for \$59.50, freight prepaid. At retail it would cost you \$75.00. I also save you tying up \$50.00 to \$70.00 in a spreader truck useless eleven months in the year.

My guarantee is the broadest possible—I back it up to show you that I mean business by a \$25,000 legal bond.

Then to absolutely convince you I say, "try one of my spreaders for 30 days on my free

plan." Let me send you one to take out in the field to use, or abuse if you want to, for 30 days. If it's not worth more than my price—take it to the depot—ship it back—and I'll return your money.

Why not get everything that's coming to you out of your land? That manure heap outside of your barn will buy my spreader twice over for you.

Every farmer has been saying,—"I must own a spreader."

Forty-nine out of fifty say the old style horse-killing machine is too high in price. Isn't that a fact?

Now, I claim the Galloway is right in every particular.

Made in three sizes—capacity 50 to 60 bushels. Fits any truck, narrow or wide tread. Lightest draft and simplest machine made and the work it does under all conditions is perfect.

Why not let me send you a machine—and let you be convinced by the machine itself, without sending me a cent? I'll do it today if you will write me.

I have just this further clincher to offer you. For a limited time I will make a proposition to the first farmer owning a Galloway Spreader in every community whereby he can

partly or entirely pay for his machine without a bit of work done. It's a strictly business proposition and will positively hold good only for the first few farmers buying. Either send in your check pinned to this ad, telling me the style of truck you use, or write me at once, postal or letter, so I can send you by return mail my free booklet. Address me personally.

WILLIAM GALLOWAY, President,  
**WILLIAM GALLOWAY COMPANY,**  
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Ask me for my large Farm Implement Catalog.

"THE ONLY WAY IS THE GALLOWAY—FROM FACTORY TO FARM."



William Galloway,  
Builder of the Only Endless  
Apron Force Feed Manure  
Spreader in the World.

★ ★ ★ ★ ★

# 100% ON YOUR MONEY EVERY YEAR FOR TWENTY YEARS

★ ★ ★ ★ ★

This is the marvelously good investment that more than 800,000 users have actually found the **DE LAVAL CREAM SEPARATOR** to be.

With the average number of cows a **DE LAVAL** machine saves and earns its whole cost the first year, which it continues to do yearly for its established life of fully twenty years more to come.

There surely isn't another such investment, either on the farm or off it, open to anyone having cream to separate. Why delay making it?

As for the first cost, if you have the ready cash there is a fair discount for it, but if you have not any reputable buyer may secure a **DE LAVAL** machine on such liberal terms that the machine is *actually free of cost, for it will earn its cost and more while you are paying for it.*

Send at once for catalog and full particulars.

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up an average of \$59.60. Below is list of those selling for \$40 and over:

1. J. C. Powell, Exira, Iowa.....	\$ 67.00
2. E. Z. Russell, Blair, Neb.....	80.00
3. Geo. Boskirk, Pender, Neb.....	200.00
4. Manley & Co., Lyons, Neb.....	105.00
5. A. W. Irwin, Decatur, Neb.....	55.00
6. Geo. Boskirk.....	90.00
7. Jno. Lydon, Belden, Neb.....	115.00
8. J. C. Powell.....	63.00
9. Geo. Boskirk.....	100.00
10. Frank Backus, Oakland, Neb....	75.00
11. Geo. Boskirk.....	85.00
12. S. M. Ramsey, Lyons, Neb.....	45.00
13. Geo. Boskirk.....	60.00
14. Frank Backus.....	53.00
15. M. S. Moats & Sons, Randolph, Neb.....	68.00
16. Geo. Boskirk.....	95.00
17. Thos. Dolan, Lyons, Neb.....	45.00
18. Same.....	45.00
19. Geo. Boskirk.....	70.00
20. Same.....	50.00
21. Guy Young, Bonesteel, S. D.....	40.00
22. C. H. Ender, Coatsfield, Neb....	40.00
23. Edmunds, Shade & Co., Kingsley, Iowa.....	40.00
24. Geo. Boskirk.....	50.00
25. Ed McMinnis, Lyons, Neb.....	40.00
Sub. E. Z. Russell.....	67.00
Sub. H. Carsens, Lyons, Neb.....	55.00

### PIG TROUBLES.

Most pig diseases are caused by poor health of the sow. If a sow is only a small degree in bad health the pigs start off slow and soon will be dying. And this is the time of year for this kind of trouble. Many of the most successful breeders say the Snoddy treatment for hogs puts the sow in a fine state of health and the pigs get the benefit of the treatment through the milk. A good healthy start is half the battle. This treatment is very highly recommended as a perfect worm exterminator and as a cure and preventive of cholera and swine plague. Better investigate this thing at once by writing to the Snoddy Remedy Company, Box 852, Des Moines, Iowa. They will send you free a book of valuable information, also pictures and endorsements of some very prominent hog men.

### THE RICE BROS. MANUFACTURING COMPANY.

We wish to call the attention of every reader of this paper to the advertisement of the Rice Bros. Manufacturing Company which will appear in the April 11th issue, and those interested in a good, substantial fence or a self-opening gate should get in touch with these gentlemen at once. They are making one of the best fences ever put on the market by any company. It is an entirely steel rod fence and once properly put up there should be no end to its lasting. They are putting up this fence in any style desired, as you will see by the illustrations which will appear in later issues of this paper. In the meanwhile write for their illustrated catalog which will make everything clear to you. When writing please mention where you saw this notice.

### GOOD FOR SORE EYES.

Dr. Lew Arntz, one of the best-known opticians in the city of Des Moines, and manager of the Arntz Optical Company, has put upon the market a preparation for curing inflamed and granulated eye lids, pink eye, ulcers, wild hairs, etc. For cataracts, floating spots, cob-webs before the eye, there is nothing better. Mr. Arntz will be pleased

## A Money-Maker For You

Works Quicker, Easier  
—Lasts Years Longer  
than Others. Clean Skimming Guaranteed.

Own an Illinois and you'll get more profit from every cow. Experience of thousands of farmers and dairymen proves it. Don't buy a cheap Separator—you'll be sorry. Get the best. The speed mechanism of the Illinois is much heavier than on ordinary separators, yet it runs with less work. It's easy to turn, easy to clean. No vibration. Low down supply can. Handles fresh or cold milk.

**The ILLINOIS Dairy Separator**

is equipped with the wonderful

**Turbine Disc Bowl**

built with the accuracy of a watch. Free from crevices, corrugations or caps. Always in balance. Strong, smooth, cleanable. The Illinois will last a lifetime. Gets ALL the butterfat. Get our

**Big Free Catalogue**

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## Free Book For Men

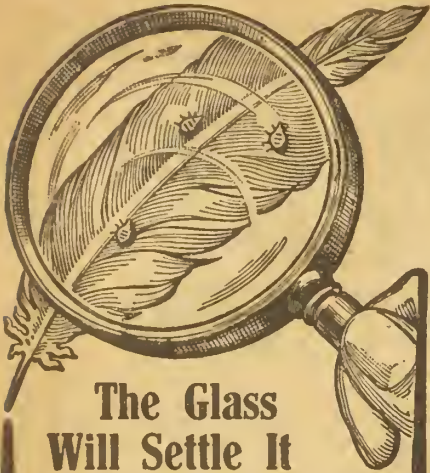
**64 PAGE BOOK FREE**

A handsome illustrated book which explains all about diseases of men such as **Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, Etc.** This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. **This book tells** how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. **Those interested should write for the book today.** Same will be sent free in plain sealed envelope. Address,

**DRS. FELLOWS & FELLOWS CO.,**  
323 Rollins Bldg., Des Moines, Iowa.

to send to anyone writing, a book of testimonials, to whom you may refer, because he has the greatest confidence in the preparation. Write today, address the Arntz Optical Company, 145 Sixth Ave., Des Moines, Iowa. Mention this paper.





## The Glass Will Settle It

Wage unremitting war on lice, if you would keep hens with either pleasure or profit. Those little specks so like the color of the feathers, are the gray body lice that suck the very life blood from the hens and make them almost wholly unprofitable.

## Instant Louse Killer

will rid the hens of these dreadful parasites thoroughly, quickly, and with the least trouble to yourself. Kills lice on poultry, horses, cattle, sheep ticks, bugs on cucumber, squash and melon vines, cabbage worms, slugs on rose bushes, etc. It is a perfect disinfectant and deodorizer. Look for the word "INSTANT" on the can—then you have the genuine.

**1 lb. 25c** Except in Canada and Extreme West and South.  
**3 lbs. 60c**

If your dealer cannot supply you, we will forward 1 lb. by mail or express, prepaid, for 35 cents.

Manufactured by  
**DR. HESS & CLARK K., Ashland, Ohio.**

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### POULTRY PARAGRAPHS.

Early maturity for market means considerable in making up the profits.

Felch says the Light Brahma will grow a broiler to weigh two pounds at eight weeks of age.

A pound of naphthalene dissolved in a gallon of coal oil, makes an excellent lice paint for the roosts.

A poorly bred thoroughbred is worse than a scrub. Scrub treatment will make scrubs of thoroughbreds.

The "spring chicken" should be hatched not earlier than February, nor later than May. The market weight is two to three pounds.

Strong parents make strong chicks—strong chicks are active and quick growing—quick growth makes the juicy, meaty broiler and roaster.

It is not the largest turkey that sells the quickest. It is the fat, plump bird, of medium size, for which an extra price can be obtained at all seasons.

The medical fraternity are now ready to prove that pickled, preserved, or storage eggs are not pure food, and therefore subject to action in the courts.

The forerunners of roup are canker, sneezing, distemper, heavy colds, swelled head, ulcers in mouth, discharge from nostrils—but it only becomes a case of roup when a fetid stench accompanies these symptoms.

It is surprising how many people, church goers, and, as a rule good people, are willing to pay for a secret by which summer eggs can be preserved to be sold in winter as fresh. Be above such dishonest practices.

Points in favor of the Indian Runner ducks are: The usual weight is four pounds; they are foragers; they are full grown and ready for the table at seven or eight weeks of age; wonderful egg producers; hardy; delicious eating; and are profitable in every way.

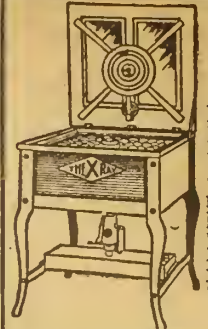
The causes of mortality among young ducks may be summed up as follows: Over-heat, dampness, getting wet, lack of grit, gray head lice, sudden showers, delayed hatches, exposure to sun, lack of fresh water, drinking vessels too shallow, and breeding stock out of condition.

To illustrate how heavy a loss one could endure without failure, Weber, the duck man, says that if only one-half of the eggs put in the incubator hatched, and only one-half of those hatched lived, there would still be enough in it to encourage one to stick to the business, without taking into account the fertilizing value of the vanquished host.

The late William Cook, of England, once said that it is utility that the keeper of farm poultry has in view. His standard is, or should be, one made up of table qualities, laying powers, and constitutional hardness. He may attach more or less weight to table qualities or laying powers, according to circumstances, but both must always be kept in view.

Duston, the well-known poultryman of New England, prefers the White Wyandottes to any other breed for broilers. Even for light weights he found the other breeds unsatisfactory. At fifteen weeks of age the Leghorns weigh one and one-half pounds each, while the cross of White Wyandottes and Brahmas, at the same age, weigh over five pounds each.

So many who have excellent success with a few fowls meet with failure when they increase their numbers, and they are at a loss to know the reason. Generally they fail to increase their accommodations in proportion to the increase in the flock; they fail to recognize the fact that large flocks are difficult to feed so that each individual may secure its allotted share; that various ailments have to be guarded against where large flocks are kept that are comparatively unknown among moder-



## Save 2/3 Expense

More than  $\frac{2}{3}$  saved in oil and time by using the X-Ray Incubator. One filling of lamp makes the entire hatch. Egg tray not removed during the hatch. Glass top, and thermometer in plain sight. Lamp need not be removed during the hatch. Automatic wick trimmer, chimney need not be removed. Flame is turned down automatically when hot enough. Eggs aired and turned by simply lifting the lid. The X-Ray Incubator is entirely different from other incubators. You should know about this before buying. Catalogue free.

**THE X-RAY INCUBATOR CO.**  
28th St., Wayne, Nebraska



## OLD TRUSTY

INCUBATORS AND BROODERS

The Easiest to Operate Because It Runs Itself.


Made of the best materials—and so the most durable. Patented copper-pipe heating system that gives the only perfectly even radiation of heat to all parts of egg chamber. Regulator so perfect that you might run it without a thermometer. Sold on **40, 60 AND 90 DAYS' TRIAL** and Five Years' Guaranty.

Highest quality, fairest prices, fairest terms. No matter where you live, Johnson, the Incubator Man, can save you money in prices and in results, and save you chicken troubles.

**SEND FOR JOHNSON'S BIG BOOK**

Chock-full of common-sense chicken talk and straight from the shoulder money-making suggestions. 300 illustrations. It is Free. Write today sure, and get his special offer.

**M. M. JOHNSON CO., CLAY CENTER, NEB.**



## \$7.00

Freight Prepaid, **120 EGG**  
**Incubator Ever Made.**

**\$4.50 Buys the Best 100-Chick Brooder.**

Both Incubator and Brooder, if ordered together, cost but \$11.00. Double cases all over, best copper tank; hot water; self regulating; satisfaction guaranteed. Our book, "Hatching Facts," tells all about it. Mailed free. Write for it.

**Belle City Incubator Company, Box 52, Racine, Wisconsin.**


## HATCH-ALL Incubators and Brooders


The new catalog is worth money to every farmer and poultry raiser.

### THIS INCUBATOR HATCHES

The brooder opens up and can be swept out clean in one minute. Chicks always healthy.

**Hebron Incubator Company, Box 8, Hebron, Nebraska**





## 125 Egg Incubator and Brooder

Both For **\$10**

If ordered together we send both for \$10 and pay freight. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them.

**WISCONSIN INCUBATOR CO., Box 71, Racine, Wis.**

ate-sized flocks; that large flocks require constant attention.

So long as the sick fowl is tormented with lice, no remedies will help her.

The duck yards must be partly shaded. Young ducks especially cannot stand the direct rays of a hot sun.

Unless the sick fowl has a great thirst, it is more likely that she is afflicted with indigestion than cholera.

Neglect in the case of a large flock will often be very costly, which with a small flock might not result in any harm. Neglects, however, should not be tolerated in any flock.

Ducklings are easier raised by hand than by hen. If hatched in April or May, they require no heat, but should be placed in a box at night and taken indoors while very young.

When it is noticed that the fowl is breathing heavily, especially while on the roost at night, there is no better remedy than a teaspoonful of glycerine to which are added four drops of turpentine.

There is not as much danger of finding moisture on the walls of old hen houses as there is in new ones. The reason for this is that when lumber is seasoned the grain is closer and less moisture penetrates.

An effective way for preventing lice getting hold of young chickens is to dip a sponge in kerosene, and then squeeze out most of the oil. Rub the sponge well over the feathers of the breast and under the wings of the mother hen. The chicks in huddling under her, get their bodies in contact with this oily substance, which means death to vermin. Repeat once a week.

There are many reasons for disease among the poultry, chief among which are: Lice, filth, no grit, over-fat, sour



## Raise Squabs

Unit birds finest selected stock—properly mated for quick breeding. You are sure of a handsome profit at small expense. There's always a market. No trouble whatever. We guarantee the actual mating of each pair and band each pair. **Special price to May 1st, \$1.75 per pair.** Remember guaranteed mated birds are the kind to buy. Send for booklet containing full instructions how to raise squabs profitably.


**Bay State Squab Co.,**  
Box D, Wakefield, Mass.



## The Racine Incubator

Built by the man who devoted 24 years to its present perfect development.

Can be operated by anyone, anywhere. Automatic regulator, copper tank, white pine case, double walled, nursery. Built to last 20 years. Don't buy until you read our remarkable **Incubator Book**, written by the man who made the Racine. When you learn what he knows, you will want his machine, we think. The book is free. Write for it. Address **Racine Hatcher Co., Box 135, Racine, Wis.** Warehouses: Buffalo, Kansas City, St. Paul.




### FOR SALE:

Live deer, all ages, fawns, white swans, California quails, ferrets, Belgian hares, Jack rabbits, wild geese, brant, canary birds, goldfish, Homer pigeons, milk, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock.

**Deer Lake Park, Severy, Kan.**

food, leaky roofs, lack of exercise, crowded quarters, cracks in the wall, exposure to hot sun, cold houses in winter, hot houses in summer, irregu-

*Succeed with a Successful*



## Results

are what you want. So get the proven machine, and don't waste time and eggs experimenting. You'll not fail with

## Successful INCUBATORS and BROODERS.

Closest to nature of all machines. Guaranteed to hatch the most and strongest chicks and to bring most to maturity. Incubator and poultry catalog free. Booklet "Proper Care and Feeding Small Chicks, Ducks and Turkeys," 10c. 50c poultry paper 1 year, 10c.

**Des Moines Incubator Co.,**  
Des Moines, Ia.



## \$10


Buys a 240 Egg  
**Incubator**

120 EGG SIZE	\$6.50
60 EGG SIZE	\$4.00
100 CHICK OUTDOOR BROODER	\$5.00
100 CHICK INDOOR BROODER	\$4.00

**DON'T PAY HIGH PRICES**

When you can get **Reliance Incubators and Brooders** at the above figures. No other machines hatch or raise more or stronger chicks. They are sent complete. You pay for no extras. Send for **Free Catalog**, containing our guarantee of satisfaction or your money back, and explaining how we can undersell all competitors. Lists everything you need to succeed with poultry, at lowest prices.

**Reliance Incubator Co., Box 587, Freeport, Ill.**



## SHOEMAKER'S BOOK on POULTRY

and Almanac for 1907 contains 220 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chickendom. You need it. Price only 15c.

**C. SHOEMAKER, Box 1215, Freeport, Ill.**



\$11.75

Buys a 240 Egg Incubator. The surest and easiest hatcher made.

The Famous

IDEAL INCUBATOR

240 Egg-Size Only \$11.75. 120 Egg-Size Only \$9.00. 60 Egg-Size Only \$7.50.

Brooders at prices too low to quote here. You cannot find a better at any price. Why pay more than? Let us save you money. Remember these are not "cheap" machines, but of the highest grade. Send for guarantee and our big 128 page book "Poultry for Profit." It's Free.

J. W. MILLER CO., Box 308, Freeport, Ills.

Why So Sure?

It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.

FINE POULTRY



The Successful

is the nearest of all the out and out automatic machines, both incubator and brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls, incubator and poultry catalog FREE. Booklet "Proper Care and Feeding Small Chicks, Ducks & Turkeys," 10c. 60c poultry paper 1 year, 10c. Des Moines Incubator Co. Dep 50, Des Moines, Ia.

Poultry Supplies.

As we are the largest as well as the oldest dealers in poultry supplies west of the Mississippi river we can offer many items of interest to poultry breeders. We also handle thoroughbred poultry and EGGS FOR HATCHING. Don't fail to send for a copy of our new illustrated price list. Complete catalog of seeds, plants, etc., also free if you mention this paper. Write to once.

IOWA SEED CO., DES MOINES, IOWA.

WRITE TO US BEFORE YOU BUY AN INCUBATOR

We Can Save You Money - Only \$7.90. We buy material to the best advantage. We manufacture at least expense. Victor machines give you most for your money as our free books will show. Just say a postal "Send Victor Book" and tell us the size machine you want and let us give you our special prices. Geo. Ertel Co., Quincy, Ill.

COME INTO THE FOLD.

Be one of the successful poultrymen. Our people make money out of chickens. They run The Petaluma Incubator and Brooder too. Perfect regulation of heat, air and moisture. Awarded Gold Medal St. Louis and Portland Expositions. The catalogue is free. Write for it.

PETALUMA INCUBATOR CO., Box 3, Petaluma, Cal.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c.

FRANK FOY, BOX D, DES MOINES, IOWA.

AMERICAN INCUBATOR

SPECIAL PRICES: 240 Egg size \$11.00, 120 Egg size \$7.50, 60 Egg size \$5.00.

Brooders too low to price here. Iron bound. Personal guarantee of their superiority. All about the best Incubators, Brooders, Poultry and Poultry Supplies, with prices, in our free book. American Incubator Co., Box 112, Freeport, Illinois.

Hatch Chickens by Steam with the EXCELSIOR INCUBATOR OR WOODEN HEN. Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STAHL, Quincy, Ill.

POULTRY.

EGGS FOR HATCHING from pure bred poultry and eggs of 20 kinds for sale. Barred and Buff Rocks, Pekin ducks, Bronze turkeys, Toulouse geese, bees and fox hounds a specialty. Enclose stamp for catalog. Address, J. Fred Roy, Redfield, Iowa.

SPRINGWATER FARM POULTRY.

A FEW CHOICE Mammoth Bronze toms and hens for sale. All scored and a fine lot. Will sell reasonable for quality of stock. Address, WHISLER BROS., FAIRMOUNT, IOWA.

BARRED P. ROCK GIANT RINGLETS.

EGGS from stock scoring 91 to 93%. \$2 for 15; \$7 for 100. We guarantee 10 chicks to each sitting. Also W. H. turkeys and Toulouse geese eggs at \$2 for 10. Won 15 1st prizes at three shows last season. W. M. SHAW & CO., MONROE, IOWA.

S. L. Wyandottes Pekin ducks and Bronze turkeys. Eggs from high scoring, big boned stock at \$1.00 per thirteen, \$2.00 per thirty, \$5.00 per hundred. Ducks \$1.00 per nine, \$2.00 per twenty. Turkeys \$3.00 per nine, \$6.00 per twenty. Send postal for my 1907 catalog. Address, J. D. Smith, Route 3, Montezuma, Iowa.

larity in feeding, damp houses and runs, not enough bulky food, impure drinking water, poorly ventilated houses, exposure to bad weather and too much heating food in summer.

Oil Cure for Cancer.

Dr. D. M. Bye's Combination Oil Cure is a recognized Cure for Cancer and Tumor. Beware of Imitators. Write today to the Originator for his free books. Dr. D. M. Bye, 316 N. Illinois St., Indianapolis, Ind.

POINTERS.

—Buff Orpington eggs are offered for sale by Mrs. G. R. Fuller, of Rolfe, Iowa.

—Mr. J. M. Janssen, of Sibley, Iowa, advertises Barred Plymouth Rock eggs at \$1.25 per fifteen.

—Rose Comb White Leghorn cockerels at \$1 each are offered for sale by Mrs. Grant Davidson, of Manson, Iowa.

—Mammoth Bronze turkeys, Pekin drakes and Black Langshan cockerels are offered for sale by Mrs. A. Kitson, Audubon, Iowa.

—Messrs. Collins Bros., of Viola, Iowa, have Single Comb Brown Leghorn eggs for sale. Their advertisement appears on this page.

—Eggs from Silver Laced Wyandotte chickens at \$1 per fifteen or \$2 per forty are offered for sale by Mr. O. M. Healy, of Bedford, Iowa.

—White Plymouth Rock, Black Langshan and Silver Laced Wyandotte cockerels, scored and unscored are offered for sale by Mrs. Cora E. Berger, of Harlan, Iowa.

—Mr. J. M. Reeder, of Earlville, Iowa, quotes prices on Barred Plymouth Rock eggs in his advertisement on this page. Mr. Reeder breeds this variety of fowl exclusively.

—White Wyandotte, Barred, White and Buff Plymouth Rock eggs are offered for sale by Mr. J. T. Molloy, of Albion, Iowa. His advertisement quoting prices appears on this page.

—Messrs. Aye Bros., of Blair, Neb., offer Plymouth Rock eggs of the Bradley and Norvall strains at \$1 per fifteen or \$4 per hundred.

—Mrs. E. F. Escher, of Manning, Iowa, is advertising Barred Plymouth Rock eggs for sale of the leading strains and at popular prices. Send her an order and you will never regret it.

—Mrs. J. G. Butt, of Glencoe, Minn., prices her Single Comb Brown Leghorn and Buff Plymouth Rock eggs in her advertisement on this page. She also quotes prices on young chicks. Mrs. Butt has had fifteen years' experience in the raising of pure-bred poultry.

—Mr. Robert Hunt, of Earlville, Iowa, writes that he still has three trunks of Mammoth Bronze turkeys which he will sell for \$11 per trio. The toms weigh twenty-eight to thirty pounds, the hens fourteen to seventeen pounds. The toms will be sold at \$5 each, one yearling tom \$4.50. These must be sold during the next two weeks. Anyone wishing good, well-marked, large-boned turkeys should send in their orders at once. Mr. Hunt's advertisement offering Barred Plymouth Rock and Mammoth Bronze turkey eggs for sale appears on this page.

—Some very large, shapely Barred Rock cockerels are offered for sale in adjacent columns by Mr. Peter Oleson, of Slater, Iowa. They are from large, vigorous stock and should prove profitable in the hands of large or small breeders. Also eggs from correctly mated pens may be had for reasonable prices. Write for particulars and look over the handfuls of ribbons which

POULTRY.

POULTRY BREEDERS!

DON'T read this unless you want choice Mammoth Bronze turkeys and Barred Plymouth Rock pullets. A few White Wyandotte cockerels left. Also one 220 egg Cypress incubator. Eggs in season. W. J. SMITH, CAMPBELL, IOWA.

Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahma and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address, Mrs. J. C. Webber, Montezuma, Iowa.

BLACK LANGSHAN EGGS.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$4.00 per hundred. Several Cockerels scoring 91, 93% and 94 for sale also at \$1.50 and \$2.00 to close out. Address, Mrs. J. H. Allen, New Sharon, Iowa.

B. P. ROCK EGGS From extra large boned stock, straight barring to the skin. Yards headed by cocks and chicks, weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners and sired by state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

EGGS For sale from choice matings. Barred P. Rocks and Bronze turkeys, Shellabarger strain. Write for free circular describing my matings. Prices right. Also six fine M. B. turkey toms at \$3.00 each. M. V. Leeper, Redfield, Iowa.

S. L. Wyandottes, S. C. B. Leghorns, B. P. Rocks, Eggs of high score; J. D. Lambert strain; also S. L. Wyandottes and S. C. B. Leghorns at a bargain. Mrs. R. DeJaeger, Route 6, Waterloo, Ia.

EGGS For hatching from high scoring birds. M. W. H. turkeys, \$2.50, 10; I. P. ducks, \$1.50, 11; W. Wyandottes, \$5, 100. Mrs. C. F. McLaughlin, Gray, Ia.

PARTRIDGE COCHIN Eggs, fancy show pens; 33 per 15. Farm range, \$1 per 15; fine, cy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

FOR SALE Barred P. Rock eggs, 26 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa.

SEVERAL Large, Black Langshan cockerels for sale. Eggs, \$1.00 for 20; \$4.00 for 100, from high scoring stock. Mrs. Geo. Titt, Marathon, Ia.

BARRED Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

ROSE COMB WHITE LEGHORNS Eggs, thirty for \$1.50; \$4.00 per hundred. M. T. McEvoy, Emmetsburg, Iowa.

POULTRY.

SIXTEEN FIRSTS AND ELEVEN SECONDS

In Two Shows in 1906 by the IOWANA POULTRY FARM. Barred Rocks White Rocks S. L. Wyandottes S. C. B. I. Reds Stock For Sale. Farm Raised. EGGS, \$1.00 PER 15. J. W. RADEBAUGH, INDIANOLA, IOWA.

Blanche Belle Poultry Yards...

SOME Barred Rock cockerels for sale. Large boned, shapely fellows, brothers of my Ames winners. Eggs from correctly mated pens. Write for prices. PETER OLESON, SLATER, IOWA.

BARRED AND BUFF ROCKS

Hawkins, Thompson and Bradley Bros. Strain. EGGS, \$1.00 FOR 15, \$5.00 PER 100. MRS. W. R. CREMER, REINBECK, IOWA.

BUFF WYANDOTTES EXCLUSIVELY Pure Bred, Correctly Mated. EGGS FOR HATCHING, 15 FOR \$1.50. W. A. HOPKINS, LAMONI, IOWA.

BARRED PLYMOUTH ROCKS Single Comb Brown hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$4.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa.

BARRED ROCK EGGS 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Blue barred, Ringlet strain, scoring to 92. Also M. B. turkey eggs, Missouri King and Giant strains. Prize winners, scoring 96. \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

LIGHT BRAHMA S. L. and Partridge Wyandottes, M. B. turkey, Toulouse geese and Pekin ducks. Write for prices of eggs. Address, O. B. McKeag, Montezuma, Iowa.

ROSELAWN FARM. WHITE Wyandottes exclusively, pure bred, with farm range. Eggs \$15, \$1.50; \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

EGGS from thoroughbred Buff Orpingtons, R. I. Reds, B. and W. Rocks, B. and W. Leghorns, Wyandottes, ducks and geese. 10 chicks guaranteed. Cat. free. Humpton Poultry Co., B3105, Hampton, Ia.

THE THREE BEST and the best of the three. Single and Rose Comb Rhode Island Reds, Buff Orpingtons and Barred Plymouth Rocks. Eggs \$1.50 per sitting. J. A. Mattern, Newton, Iowa.

S. C. B. LEGHORNS, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

BUFF Rocks for sale—150 pullets, hens, cocks and chicks, scoring from 90 to 94% pts. Prices reasonable. Eggs in season. Mrs. Chas. Steidom, Lacey, Ia.

MRS. J. W. BLOXHAM, breeder of White and S. L. Wyandottes, Pekin ducks and Toulouse geese. Eggs in season. R. D. I. Grundy Center, Iowa.

WHITE P. Rocks exclusively. Eggs \$1.50 per 15; 11 chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisiana Co., Ia.

ROSE and Single Comb White Leghorns and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

EGGS FOR HATCHING from high scoring Rouen ducks at one dollar per ten eggs. Address, J. H. Howarth, Moulton, Iowa.

EGGS S. L. Wyandottes, \$1, 15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys 2.50 per 9. Choice stock. Mrs. F. R. McLaughlin, Manning, Ia.

LIGHT BRAHMA EGGS Twenty-five for one dollar, \$3.50 for one hundred. Address, Mrs. Lem Wigley, Clarksville, Iowa.

EGGS Barred Plymouth Rock, \$1 and \$2 per 15; \$3, 50; \$5, 100. W. Wyandottes, \$2, 15. Mating list. W. C. Frazier, Atlantic, Ciss Co., Ia.

BARRED P. Rock eggs from extra good stock. \$1.50 per 15. M. B. turkey eggs from large birds, good color, \$3 for 9. Jas. Atkinson, Des Moines, Ia.

WHITE WYANDOTTE EGGS, \$1.50 per 15, \$2.50 per 30, \$6.00 per 100. Hens score 95 to 96%. Address, Mrs. L. M. Estes, Audubon, Ia.

ROSE COMB Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

PRIZE WINNING Light Brahmas and Barred Rocks, scoring 90 to 93. Eggs \$1 per 13, \$2 per thirty. J. Q. Swallow, Box 89, Nodaway, Iowa.

Single C. White Leghorns Exclusively. Wyandottes, Buff Rocks, and Blanche strains. Eggs for sale. W. C. Jones, Richland, Ia.

S. C. BUFF Orpingtons, the famous Cook strain. Large fine birds, solid buff. Eggs \$1.50, 15. Sent in patent slippers. D. W. Boydston, Nevada, Ia.

BLACK Langshan eggs for sale from large boned, vigorous birds, having full farm range. 15 for \$1.00, 45 for \$2.50. H. M. McKeen, Sac City, Ia.

Rose Comb Brown Leghorn eggs at \$1 per 15, \$2.25 per 50, \$4 per 100, from stock scoring 94% to 94%. Address, Eva D. Tutt, Alta, Ia.

ROUEN DUCK eggs, booking orders at \$1 per sitting from first prize winners at Henry Co. fair, 1906. H. Schehl, R. 2, Prophetstown, Ill.

BUFF P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa.

WHITE WYANDOTTES Barred, White and Buff Rocks, 20 eggs, \$1.00, from birds that always win prizes. J. T. Molloy, Albion, Ia.

SINGLE COMB BROWN LEGHORN Eggs, 75 cts. per 15, \$1.25 per 30. Address, Collins Brothers, Viola, Iowa.

WHITE P. R. cks, scoring 90 or more. Score cards goes with each bird. Price \$5 up. Eggs \$1.50, \$2.50 and \$3.50 per 15. S. S. Puckett, Lynchburg, Ohio.

BUFF Rock eggs exclusively, \$1, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Rink & Son, Shelby, Iowa.

UPLAND Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Hans, Vanomona, Iowa.

SILVER LACED WYANDOTTE EGGS 15 FOR \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

M. B. TURKEYS, both sexes. Black Langshan cockerels scored and unscored, also Pekin drakes. Mrs. A. Kitson, Audubon, Iowa.

MY ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

BARRED Rock cockerels \$1.50 to \$5. Score 88 to 93. Eggs in season, \$1.50 for 15. L. R. Knney, Adrian, Michigan.

POULTRY.

BARRED PLYMOUTH ROCK

—EGGS FOR HATCHING— Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Ringlet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

MRS. E. F. ESCHER, Manning, Iowa



219 Egg Strain

Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

W. A. HARTMAN, Winterset, Iowa

Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

Mrs. B. F. Wilcoxon, Fort Des Moines, Iowa.

Mammoth Bronze and White Holland Turkeys.

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Duncer, Lamoni, Iowa.

Mike's S. C. Buff Orpington Ranch. EGGS from scored birds. Cook strain. Pen No. 1 scores from 92% to 94. 15 eggs \$2.00, 26 \$3.00; Pen No. 2 scores from 90 to 92. 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scored birds. Mrs. Jessie Teale, Route 4, Lamoni, Iowa.

BARRED Plymouth Rock Eggs at Lawndale Stock Farm. Bradley and Russell strains; are large boned, well barred to the skin, extra heavy weight. Hens from cockerel that won 1st at State Fair, and cockerels scoring 91 to 91 1/2 points. 15 for \$1.50; 30 for \$2.25; 45 for \$3.00. Guarantee reasonable hatch. Address, Geo. Bouewell, Grinnell, Iowa.

BARRED PLYMOUTH ROCK EGGS. FOR SALE—\$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 90% point cockerel. Address, J. M. JANSSEN, Sibley, Iowa.

P. O. Box 627, R. R. 3, Sibley, Iowa

MAMMOTH BROWN White Holland turkeys Barred and White P. Rocks. Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

GREAT SQUARE DEAL STRAIN WHITE Wyandottes, large, blocky birds, great of all winter as well as summer layers. Send for our free illustrated folder before you buy any eggs for hatching. North West Poultry Yards, Preston, Iowa.

High Island Poultry Yards. S. C. B. LEGHORNS and Buff Rocks, 100 eggs, \$3.50 and \$4.00; 15, \$1.00; 30, \$1.50. Young chicks, 10 cts. each. Fifteen years experience, fine stock. Mrs. J. C. Butt, Star Route, Glencoe, Minn.

BARRED PLYMOUTH ROCK AND SINGLE COMB BROWN LEGHORN Eggs for hatching. Every bird in our breeding pen scores from 90 to 95%. Eggs for balance of season \$1.50. H. A. Trimble, Indianola, Iowa.

ROSE Comb Brown Leghorns, exclusively. Eggs from stock scoring 92-93% by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93%, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 50; \$3.50 per 100; \$6.00 per 200. R. L. Stewart, Charles City, Iowa.

BUFF WYANDOTTES, Pen No. 1, first pen Iowa State Fair 1906, also first pen at Winterset, Ia. Pen No. 2, headed by 1st cockerel at Indianola, Ia. 94%. Eggs \$1.50 for 15. A. K. Goodman, Indianola, Ia.

MY FINE BARRED P. ROCK Pullets, scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50. If 1 Anestad, Slater, Iowa.

PURE BRED Single Comb Black Minorca eggs, 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

PLYMOUTH ROCK EGGS Score 90 to 93 respectively. \$1.50 for 15; \$2.50 for 30. Guarantee 65% fertile. I. T. Calhoun, Indianola, Iowa.

LEGHORNS S. C. Brown and White. Birds scored, scoring to 96. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianola, Iowa.

SINGLE Comb Brown Leghorns, Kulp strain, pure bred, scoring to 93%, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

BARRED Plymouth Rock cockerels, \$1.50 each and up. Scored by Heimlich. Eggs in season. Correspondence solicited. F. E. Wadsworth, Alta, Iowa.

MAMMOTH Bronze toms; Barred P. It. eggs, \$1.00 per 15, \$4.00 per 100; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Iowa.

EGGS FROM FOURTEEN LEADING varieties of poultry. Great bargains, quality considered. Address, Burton J. Holt, Pleasantville, Iowa.

WHITE PLYMOUTH ROCK EGGS, 15 for 75 cents, 30 for \$1.00; 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa.

10,000 BARRED PLYMOUTH ROCK EGGS for sale. Bradley Bros. and Judge Norvall stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

EGGS BARRED PLYMOUTH ROCK, line bred. Three matings, cockerel, pullet and field. Prices right. Mrs. Mary Pierce, Nevada, Iowa.

BARRED PLYMOUTH ROCK and Light Brahma eggs for hatching; from high scoring birds. 15, \$1.50; 30, \$2.50. H. G. Padley, Toledo, Ia.



Mr. Olsson has been winning at central Iowa shows.

—Mr. W. C. Frazier, of Atlantic, Iowa, is quoting prices on Barred Plymouth Rock and White Wyandotte eggs in his advertisement that appears on page 15.

—Eggs from large-boned, vigorous Black Langshans, that have full farm range, are offered for sale by Mr. H. M. McKeen, of Sac City, Iowa, in his advertisement appearing on page 15.

—Quotations on Rose Comb Brown Leghorn eggs are named in the advertisement of Eva D. Tutt, that appears on page 15 of The Homestead. The stock producing these eggs score 91½ to 94½.

—Mr. W. A. Hopkins, of Lamonia, Iowa, breeds Buff Wyandottes exclusively. He has an advertisement on page 15 in which he is offering eggs for sale. His stock is pure bred and correctly mated.

—Mrs. W. R. Cremer, of Reinbeck, Iowa, can supply readers of this paper with Barred and Buff Plymouth Rock eggs of the Hawkins, Thompson and Bradley Bros. strains, at very reasonable prices, as per advertisement which will be found on page 15.

—Mrs. Edith Byggbrood, of Grundy Center, Iowa, writes: "I have a few choice White and Silver Laced Wyandotte cockerels that I will sell at reduced rates for the next few days. They must go to make room." See her advertisement on this page.

—Mr. O. N. Woody, of Newton, Iowa, breeds Buff Plymouth Rocks exclusively. He is offering eggs for hatching and will guarantee them fertile. The prices at which he will furnish them are named in the advertisement on page 15 of The Homestead.

—Mr. H. S. Schehl, of Prophetstown, Ill., breeder of Rouen ducks, has some fine large ones that got first prize at the Henry County (Illinois) fair in 1906. He is offering eggs for sale from this stock in his advertisement on page 15. He guarantees a good hatch.

—Mrs. J. H. Allen, of New Sharon, Iowa, is offering Black Langshan eggs for sale at \$1.50 per fifteen, from pens that have scored very high. Homestead readers should consult her announcement and send for one or more sittings of these eggs as early as possible.

—Prize-winning Light Brahmas and Barred Plymouth Rocks scoring 90 to 93, are for sale by Mr. J. Q. Swallow, of Nodaway, Iowa. Eggs from vigorous birds are also offered at prices given in the notice in the columns for that purpose. Mention The Homestead when you write.

—If any of our readers want some good Barred Plymouth Rock eggs it will pay them to send an order to Mrs. L. C. Reese, of Prescott, Iowa. She offers eggs from high-scoring birds at \$1.50 per fifteen or \$2.50 per thirty. Her fowls are all right and she has just what she advertises.

—Mrs. J. H. Allen, of New Sharon, Iowa, in furnishing copy for her Black Langshan egg advertisement that appears on page 15, writes: "I have four good cockerels left, scoring 91 to 94 points and a few late cockerels, unscored, for sale." Mrs. Allen is quoting prices on eggs from two different pens in her advertisement.

—Mr. Guy W. Offil, of Prairie City, Iowa, has a few extra good Mammoth Bronze toms and hens left. These are sired by a forty-five-pound tom which scored 96 points. He is selling young toms for \$5 and hens for \$3; they are extra good ones, and no one can make a mistake by sending to Mr. Offil for his foundation stock.

—Mr. W. C. Jones, breeder of Single Comb White Leghorn chickens, of Richland, Iowa, has purchased the stock of Mr. Willis Hoskins, a breeder of that variety of fowl for twenty years. Mr. Jones is offering eggs from the Wyckoff and Blanchard strains of this popular breed of fowl, in his advertisement that appears on page 15 of The Homestead.

—"I am better prepared than ever," writes Mr. J. W. Wagner, of Monroe, Iowa, "to supply and satisfy Homestead readers with Barred Plymouth Rocks eggs and my orders will be filled with eggs from extra large stock of the correct type." At the price that he is quoting for eggs no one can afford to set their hens with eggs of doubtful fertility and breeding.

—Mr. James Atkinson, editor of The Homestead, Des Moines, Iowa, is offering eggs from an extra good flock of Barred Plymouth Rocks and from a select flock of Mammoth Bronze turkeys. Mr. Atkinson has been laying a foundation for years and is now ready to transact business with those who want something good at reasonable prices. Read his advertisement.

—Messrs. W. M. Shaw & Co., of Monroe, Iowa, in sending copy for advertisement found on page 15 say they have Barred Rocks second to none in the state, having plenty of size and barred to the skin. They guarantee ten chicks to each sitting. They will also have a few sittings of Toulouse geese and White Holland turkey eggs for sale. Their birds have won wherever shown.

—Mr. O. B. McKeag has something of interest to poultry readers in his advertisement of turkeys, ducks, geese and chickens in the columns devoted to that purpose. Of the chicken breeds he is offering Light Brahmas, Silver Laced and Partridge Wyandottes. He is also offering some vigorous birds from his flocks of turkeys, ducks and geese. Write him for prices of eggs of these different fowls.

—Mr. Orlando Jacobs, breeder of Single Comb Brown Leghorn chickens, of Mediapolis, Iowa, writes: "My flock of Single Comb Brown Leghorns are bred to lay as well as for beauty, and are in good, healthy condition. No birds kept that will score less than 90 and up to 93½. From February eggs I have just hatched 168 live chicks from 225 eggs. Satisfied customers is my motto." See advertisement on page 15.

—Mr. J. D. Smith, of Montezuma, Iowa, in sending new advertisement, says he is booking orders now for eggs from his stock and that he has sold entirely out of breeders. He won premiums at all the shows in which he exhibited the past winter and has a good percentage of the winners of the blue in his yards now, and if in need of first-class eggs he can supply your wants. Write for his new 1907 catalog; it's free

for the asking, and describes the stock in full. See advertisement on page 15.

—Mr. D. N. Boydston, of Nevada, Iowa, has his advertisement in this issue and is naming very moderate prices on eggs from his Single Comb Buff Orpingtons. He has the famous Cook strain and for winter layers they cannot be beat. It will be to the best interest of the readers of The Homestead to send in their orders now before the rush begins. Mr. Boydston's prices are very reasonable and within the reach of all.

—Mrs. L. M. Estes, of Audubon, Iowa, in furnishing copy for her egg advertisement appearing on page 15, writes: "My White Wyandotte hens this season score 95 to 96½ and the price I am asking for eggs is the same as usual. The stock is strictly first class and the prices quoted in my advertisement are within the reach of all. Those who desire eggs should not wait until they want them, but book their orders at once. I guarantee satisfaction."

—Mr. J. H. Howarth, of Moulton, Iowa, is advertising eggs from high-scoring Rouen ducks for sale in his advertisement that appears on page 15 of The Homestead. Mr. Howarth writes: "We have sold every turkey we could spare and had to return a number of orders received since we were sold out. We have a few Rouen drakes left, but our sales on ducks have been many and we have done but little advertising except in The Homestead, which has paid us well."

—The X-Ray Incubator, manufactured by the X-Ray Incubator Company, of Wayne, Neb., is meeting with the best of results and the factory can hardly keep up with the orders now on hand. One of the leading features of their machine is the saving in oil, one filling only being necessary to make the entire hatch. The egg tray is not removed and the thermometer is in plain sight. Readers of The Homestead should write for their illustrated catalog before ordering elsewhere.

—In the advertisement of Messrs. Henry Schlatter & Sons, of Lawler, Iowa, which appeared in this department last week, it was stated that they were offering Barred Plymouth Rock eggs from the "Knight" strain. All breeders of pure-bred Plymouth Rocks will undoubtedly recognize that this was an error; it should have been the "Ringlet" strain. Messrs. Schlatter & Sons' advertisement appears again on page 15, to which we call the attention of the reader.

—Mr. J. Fred Foy, who conducts a very extensive poultry establishment at Redfield, in central Iowa, is now offering eggs for hatching from all kinds of pure-bred poultry, including chickens, ducks, turkeys and geese. Those looking for bees will find him well prepared to satisfy their wants. Some very choice fox hounds are also bred by Mr. Foy and he has a nice kennel to choose from. Write him for catalog. Kindly mention this paper. Remember, the address is Redfield, Iowa.

—Mrs. F. R. McLaughlin, of Manning, Iowa, in furnishing copy for her egg advertisement found on page 15 of The Homestead, writes: "I have had good returns from my winter advertisement. My stock is all sold. My Silver Laced Wyandottes are in fine shape and my stock is of the best. I have cockerels scoring 93½ to 94 at the head of my flock. I can furnish eggs promptly. My Mammoth Pekin ducks are extra large, while my Mammoth Bronze turkeys are headed by a forty-five-pound tom. I will be able to supply only a limited number of turkey eggs. All orders will receive prompt attention."

—Mr. Roy Stacy, of Rochelle, Ill., breeder of Duroc Jersey swine and Barred Plymouth Rock and White Wyandotte chickens, has an announcement on this page which should interest readers of this paper. At the present time he is offering eggs for sale that will hatch good litters, and regarding his poultry he writes: "My Barred Plymouth Rocks are selected stock with free farm range bred to lay, weigh and pay. My White Wyandottes are from the yards that won a first, second and third at the Chicago show this year." Anyone who is in the market for eggs from these breeds will do well to write Mr. Stacy at once. We take pleasure in recommending this gentleman and his stock to our readers. Kindly mention this paper when writing.

—"Poultry for Pleasure and Profit" is the title of a very neat and comprehensive catalog issued by a notable Wisconsin poultry establishment. Poultry diseases are given very careful treatment on a number of its pages. Following this comes some plans for ideal poultry houses. These are described in detail and should be of great interest to poultry breeders. The different breeds of chickens are treated in detail and prices are quoted on singles, pairs and pens, of nearly all the profitable breeds grown. A number of the breeds of turkeys, ducks and geese are also cataloged and actual photographs are shown indicating something of the healthy conditions which surround their breeding, and the actual environment under which they are kept. The various machines necessary for the up-to-date poultry man are also listed and described. This establishment have a reputation of shipping fine fowls to every country on the globe. Their shipments have always been received in good shape. Buyers of poultry will find a choice collection to buy from at this establishment. If it is impossible to visit them write to the Delavan Poultry Farm, Delavan, Wis.

#### CHOICE PLYMOUTH ROCK COCKERELS.

Those of our readers who want a few choice Plymouth Rock cockerels should send their order to the Ferndale Fruit Farm, Harlan, Iowa. They have six very choice birds of the Shellhager strain and they are pricing them at from \$3 to \$5 each. They are good and are worth the money.

#### BUFF ROCK EGGS.

On page 15 will be found the Buff Plymouth Rock egg advertisement of Mrs. J. J. Rink, of Shelby, Iowa, who is offering eggs of the Burdick strain at \$1 per fifteen, \$2.50 per fifty and \$5 per 100. Mrs. Rink has sent eggs all over Iowa, Kansas, Missouri and Nebraska, as well as many of the eastern states. She has a fine flock and her patrons are all satisfied customers. Send her an egg order at once.

#### POULTRY.

##### HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks, 1st premium won wherever shown. Yards headed by high scoring exhibition cockerels. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and I. K. Felch's reserved pen, and sell 18 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$11.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. I mate them by standard rules. A good hatch guaranteed. I am an expert expander. Catalog free.

REUBEN E. SANDERS, PROP.

FULL MOON POULTRY FARM - MONTEZUMA, IA.

##### Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free. W. R. Warwick, Montezuma, Iowa

##### S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyckoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. B. E. Brown, Richland, Iowa.

##### H. C. CLYMER, BERTRAM, IOWA,

STILL has some very fine Bronze turkey toms and 50 good yearling Barred Plymouth Rock hens that he will sell cheap if taken soon. Barred P. Rock eggs, \$2.00 for 15. Write.

##### BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Fine catalog free. S. V. LATCHAM, Montezuma, Iowa

##### EGGS FOR HATCHING

MAMMOTH Bronze Turkeys, Barred Plymouth Rocks and Pekin Ducks. Prices reasonable. Correspondence solicited.

G. M. GRINSTEAD, Mitchellville, Iowa.

##### Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

CEDAR LAWN Poultry Farm, 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by chks. scoring from 90 to 93. pullets score from 90 to 93½. Eggs, pens 1 & 2, \$2 per 15; 3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

##### EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-11 Audubon, Ia.

##### Barred Plymouth Rock Eggs For Hatching.

\$1.50 PER 15; \$2.50 per 30; \$4.00 per 45. Parent stock direct from Bradley Bros. and W. L. Nelbert strains. Males and females are clear barred to hide and scoring to 92 and 91 respectively. Write C. C. DRAKE & SON, La Harpe, Ill.

PAUL'S WHITE WYANDOTTES. THE KIND that lay well, weigh well, and win in the show room. Cockerels and pullets from one to five dollars each. Eggs, farm raised, 50c per sitting (13). Exhibition pen, \$1.50 per sitting. Eggs guaranteed strictly fresh. F. G. Paul, Laurel, Iowa

##### BARRED PLYMOUTH ROCK EGGS

15 FOR \$1.45 for \$2.00 for 30, from as fine a flock of hens as any man has. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

##### Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reese, Prescott, Iowa.

LEGHORNS AND ROCKS—Eight years breeders of R. P. Rocks, Single Comb White Leghorns, Itose and S. C. Brown Leghorns. We offer eggs from choice matings with guarantee of 65% fertile at \$1 for 15, \$4 per 100. Barker Bros., Indianola, Iowa

CHERRY HILL POULTRY FARM. BREEDERS of Golden, Silver and Buff Wyandottes, B. P. Rocks and S. C. White Leghorns. First prize Iowa State Fair. Stock and eggs for sale. Peterson Bros., Props., Indianola, Iowa

##### WYANDOTTE EGGS.

BUFF, Golden and Silver Laced, \$1.50 for 15; \$2.50 for 30; \$5.00 per 100. We guarantee at least 8 chicks per sitting; if not, eggs replaced at half price. Address, A. L. Anderson, Indianola, Iowa.

BUFF Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. R. Stillson, Montezuma, Iowa.

TWO pens standard mated Barred Plymouths, cockerel and pullet, eggs \$1.00 per 15. Incubator lots from range flock 100, \$3.75; 2 sittings, \$1.00. W. E. Shutt, St. Charles, Iowa.

##### LIGHT BRAHMA EGGS.

FROM prize winners, good winter layers and heavy birds for market. Eggs 15 for \$1. Mrs. W. W. Drake, Winterset, Iowa.

##### SILVER LACED WYANDOTTE

Eggs \$1.00 for 15, Buff turkeys \$3.00 for 9. Wyckoff Farm, Mt. Vernon, Iowa.

Rose Comb Brown Leghorn eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

PURE bred black and white langshans, Lt. Brahmas and M. B. turkeys, stock and eggs, prices right. Mrs. S. E. Newell, Itomte 6, Audubon, Iowa.

PRIZE-WINNING Black Langshans exclusively, scoring to 94 at Dubuque, 1907. Eggs, 13 for 85c; 26 for \$1.50. W. W. Baskerville, Earlville, Iowa.

EGGS for hatching, S. C. Buff Orpingtons, \$1.50 per 15; Golden Buff Rocks, \$1.00 per 15; \$5.00 per 100. Mrs. G. R. Fuller, Route 4, Ittole, Iowa.

CHOICE S. L. Wyandotte chks. W. Wyandottes, Lt. Brahmas, both sexes for sale. Mrs. Edith Byggbrood, Rt. 1, Grundy Center, Ia.

#### POULTRY.

##### EGGS FOR HATCHING

From choice thoroughbred stock of the following varieties at right prices.

White Wyandottes	S. C. B. Leghorns
Silver Wyandottes	R. C. B. Leghorns
White Plymouth Rocks	S. C. W. Leghorns
Barred Plymouth Rocks	Black Langshans
Buff Plymouth Rocks	Mammoth Pekin Ducks
Mammoth Bronze Turkeys	

We also carry a full line of Incubators, Brooders, Bone Mills, Medicines and Poultry Foods, especially for young chicks. Send for our Free Catalog giving prices.

##### IOWA SEED COMPANY

613-615 Locust St. DES MOINES, IOWA

##### 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN., ALTA, IOWA

##### STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 25 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerels; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

##### EGGS! EXPRESS PREPAID.

BARRED Plymouth Rocks, choice selected stock, 15, \$1.50; 30, \$2.50; 100, \$5.00. W. Wyandotte birds from yards that won 1st six entries, 1st, 2d, 3rd at Chicago Show, 1907. Address, Ray Stacy, "The Red Hog Man," Rochelle, Ill.

##### BLACK LANGSHAN CHICKENS

I HANDLE THEM exclusively. Eggs for hatching. Pen No. 1, cock, scores 94½, price per sitting \$1.25. Pen No. 2, cock, scores 94, price per sitting \$1.00. O. H. STILSON, CORWITH, IOWA

##### S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

##### 25 MAMMOTH BRONZE TURKEYS

both for sale. From grandson of World's Fair 1st prize winner. Toms, \$5.00, hens, \$3.00. Order at once from this advertisement. Address, Jasper Lacy, Neoga, Ill.

##### S. C. RHODE ISLAND REDS.

NOT equaled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. P. H. Thiel, Renwick, Humboldt Co., Iowa.

##### ROSE COMB BROWN LEGHORNS.

FOR 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 18, \$1.50; 30, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$3. Ella Tharp, Mt. Sterling, Ia.

##### BARRED ROCKS

Famous Eclipse strain, Son of 1st hen, Chicago, mated to pullets scoring 90 to 92 points. Will produce winners. Eggs 15, \$1.50; 30, \$2.50. O. J. Viland, Slater, Ia.

##### WHITE

Plymouth Rock eggs, Fidelity strain, 28 eggs for \$1.25, 50 for \$2.25, 100 for \$4.00. Extra good flock, score up to 94 points, farm raised. Address, Mrs. O. J. Early, Bristow, Iowa.

##### EGGS FOR HATCHING

from pure bred S. C. W. Leghorns and Barred Plymouth Rocks at 75 cents per 15, \$2.00 per 50, \$3.50 per 100. Address, Robert Holm, Rural Route No. 1, Paton, Iowa.

##### EGGS FROM CHOICE MATINGS.

Rose Comb B. Leghorns, S. C. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

##### SINGLE COMB White and Brown Leghorns.

Each variety on separate farm. Eggs \$1.00 per 15; \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

##### CHOICE BLACK LANGSHAN

cockerels for sale. Eggs in season. Address, Mrs. F. H. Jewell, Bristow, Iowa

##### BLACK LANGSHAN

eggs, \$1.00 per 15 \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

##### EGGS FROM PURE BRED

Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

##### WHITE

Wyandottes, standard bred, Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnison Allen, Earlville, Iowa.

##### BARRED

Plymouth Rock eggs, Sixteen, \$1; 100, \$4. Bradley strain, choice chks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

##### ...LIGHT BRAHMA EGGS...

Thirty for \$1.00. Mrs. Lem Wyle, Clarksville, Ia.

##### BARRED

P. It. eggs for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

##### EGGS FOR SALE—Largest, best pure bred White

Wyandottes, Light Brahmas and I. P. ducks. Honest deal. E. S. Dyas, Bellevue, Iowa.

##### FOR SALE—Single Comb B. Leghorn eggs, 75 cts.

per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Maullia, Iowa.

##### FOR SALE—Eggs from choice White Plymouth

Rocks, Plumage white throughout. Write for prices. R. M. Nollie, Riceville, Iowa.

##### SILVER Laced Wyandottes, some choice chks, that

will be sure to please you. \$1 to \$3 each. Eggs \$1.50 per 15. H. G. Smith, De Soto, Iowa.

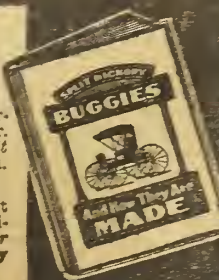
##### FOR SALE—Eggs from White Wyandottes of

fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

##### "SPECIAL" high-class snappy lot, Barred Rocks,

cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.







## Cement Posts 10Cents Each

Cement Fence Posts made from Moore's Patent Fence Post Mold.

You can fasten any kind of fence.

Posts never wear out or rot—and having holes molded in them, you always have a sure way of fastening fence.

Make your posts at odd times—at a cost of only 10 cents each.

Write for descriptive circular today.

MOORE POST MOLD CO.  
327 E. Third St., STERLING, ILL.

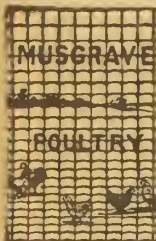
## CYCLONE FENCE



The Ornamental Fence of Beauty and Long Life

Choice of various styles, suitable for wood or iron posts. All neat and strong and guaranteed to retain position. Write for Catalog.

Cyclone Fence Company, Waukegan, Ill.



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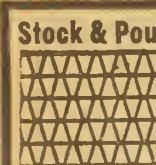
STRONG AND HEAVY  
23 wires and 6 in. stay  
LAWN FENCES & GATES  
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Write today. Don't delay

Musgrave Fence Co.  
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Anchor Fence  
Combines strength and beauty with long life. Large, hard steel wires. Heavily galvanized.

FARM AND ORNAMENTAL  
Handsome, easy to build, always stands erect. Ask for Fence Book 13.  
ANCHOR FENCE & MFG. CO.  
Cleveland, Ohio.



## Stock & Poultry FENCE

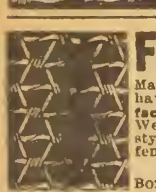
Many styles and heights; Diamond or Square Mesh; prices low. Sold direct on 30 days free trial, freight prepaid. Catalogue free.

KITSELMAN BROS.  
Box 290, Muncie, Ind.



## BROWN PAYS THE FREIGHT

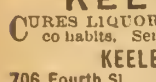
HEAVIEST FENCE MADE  
All No. 9 Steel Wire. Well galvanized. Weighs more than most fences. 15 to 25¢ per rod delivered. We send free sample for inspection and test. Write for fence book of 138 styles. The Brown Fence & Wire Co., Cleveland, Ohio.



## FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalog shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today.

GOILED SPRING FENCE CO.  
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## KEELEY CURE.

CURES LIQUOR, Neurasthenia, Drug and Tobacco habits. Send for free booklet. Address

KEELEY INSTITUTE, INC.,  
706 Fourth St., Des Moines, Iowa



## BEST REMEDY FOR SORE EYES

Cure inflammation, granulated lids, pink eye, ulcers, wild hairs, etc. For catarrhs, floating spots, cobwebs before the eyes, there is none better. 50¢ a bottle. Testimonials free. Arnitz Optical Co., 145 6th Ave., Des Moines, Ia.

## A STRONGER FENCE

Can be made of whole wire than of cut wire. That's why Advance is the strongest fence. Our stay wire is NEVER cut, but runs continuously up and down across the fence for many rods without an end. Thus we preserve ALL the strength of the wire, fully half of which is wasted in cut stay fences—sacrificed to convenience and speed in manufacture.

30 DAYS APPROVAL. Let us ship you what fence, etc. you need, on approval. After careful examination and comparison with other makes, if you don't like it, return it at our expense and get your money back. We have sufficient confidence in Advance Fence to make this offer.

WE PREPAY FREIGHT and guarantee safe delivery of your shipment. Write today for our Fence Book and Freight Paid Prices.

ADVANCE FENCE CO.,  
34 Old St., Peoria, Ill.

## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

### WITH THE EDITOR.

Sometimes it would seem as if a Home Department editor were in some sort a priest. Men and women who are pressed hard by life, those who have heavy burdens to bear and feel the need of sympathy and counsel find it a relief to open their hearts and pour out upon paper the sad story which were they Roman Catholics they would carry to their father confessor. In this way all manner of strange documents come into the possession of a Home Department editor.

Sometimes a troubled soul states a private problem and asks for the favor of a private answer. Sometimes a writer asks for nothing but the favor of a sympathetic hearing and a kindly word. Sometimes a sealed chamber is opened and a skeleton brought to view in the hope that a way may be found to exhibit it and so warn others. Probably a mixture of motives impelled the writing of a certain tragic story which came in the the Home Department mail a couple of months ago.

### DAKOTA SAM'S STORY.

I am well down the stream of life, a little past the half-century post. Away back up the stream is an oasis that I yet love to linger in—in thought.

It was when I was just entering my manhood years. Like most young men I did not look for the companionship of the fairer sex. If I met those termed fast, they were treated as my sisters, and never as lewd or wanton characters, for which to this day I bless my God.

At last I found one so kind, confiding, loving, generous and considerate, our acquaintance soon ripened into pure love. The star of hope was bright in my heart. We enjoyed each other to the fullest extent in a manly and maidenly way, never with a thought of treachery or dishonor. In my daily rounds of duty I often heard young men boast of their achievements in overcoming some lady acquaintance. It made me feel very much ashamed of them. A man who will even kiss a lady is no man at all if he boasts of it, no matter whether the favor was solicited or not.

My love and I were married and for four years I was in the very height of happiness and did my best to make my companion the same. But the blessing was too good for me. One sad day I saw a wee little form lowered into the grave, and three days later my loved companion was laid beside it. Then my life, as it were, ended.

My circumstances were such that in a year I was compelled to seek another helpmeet. I chose a woman that I had been acquainted with for a long time and never had known anything wrong of. She never allowed approaches of any kind, hardly allowing me to touch her when helping her out of the buggy. She came of poor, but respectable parents, had lived in want most of her life and never knew what comforts were. I was a renter on a farm at that time.

We were married, and within twenty-four hours a disappointed feeling came into my heart, and never ceased to grow. Her wants were beyond my capacity to supply. She had no love for anyone but herself. My homecoming greetings of bygone days were turned to scowls and scorns; her sole delight was to nag, nag, everlastingly nag and find fault.

I left the farm—it was too slow for us, by a long way. I took to railroading, so I got more money, but I soon found my wife was a professional gadite. When I hired clerk help she had the clerk do the housework so she might have more time to gad and gossip, even having loud talks with the section men that half the village people could hear. But all the greeting I ever got was scowls and complaints. My load was getting heavy to bear, and the little seed of disappointment spoken of was making quite a tree.

At last I quit the railroad and bought a country newspaper some hundred miles away from our old home, but this did not help matters much. She soon found acquaintances to her liking and the same loud talks and sweetenings were resumed. Her sister died in the West, leaving four children. I had to go and get them and give them a home. Then my burden did seem heavy. From no children—the Lord was good to me in that respect, we never had a child—to four, then good sized, and the way provender got away was a caution.

I changed my vocation many times, trying to get the biggest wages possible to meet all the demands, but to add to my cup of woe she taught the children to pester and nag me, too. Don't think I endured all this meekly. At times the old Adam would come up and I'd clean out the ranch in short order—not with blows or brute violence. I



**SIMPSON  
EDDYSTONE  
PRINTS**

**Simpson-Eddystone  
Solid Blacks**

The prints of quality. Absolutely fast, intense black that keeps its good appearance; and fabrics that give long wear.

Ask your dealer for Simpson-Eddystone Solid Blacks  
Three generations of Simpsons have made Simpson Prints

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**W. L. DOUGLAS**

**\$3.00 AND \$3.50 SHOES** BEST IN THE WORLD

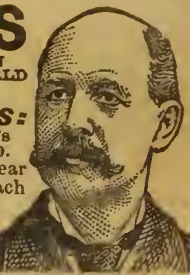
W. L. DOUGLAS \$4.00 GILT EDGE SHOES CANNOT BE EQUALLED AT ANY PRICE.

**SHOES FOR EVERYBODY AT ALL PRICES:**  
Men's Shoes, \$5 to \$15.00. Boys' Shoes, \$3 to \$12.50. Women's Shoes, \$4 to \$15.00. Misses' & Children's Shoes, \$2.25 to \$10.00.

W. L. Douglas shoes are recognized by expert judges of footwear to be the best in style, fit and wear produced in this country. Each part of the shoe and every detail of the making is looked after and watched over by skilled shoemakers, without regard to time or cost. If I could take you into my large factories at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer, and are of greater value than any other makes.

W. L. Douglas name and price is stamped on the bottom, which protects the wearer against high prices and inferior shoes. **Take No Substitute.** Sold by the best shoe dealers everywhere.

Fast Color Eyelets used exclusively. Catalog mailed free. **W. L. DOUGLAS, Brockton, Mass.**



## Cancer Cured at Home

I have so perfected my Mild Combination Treatment that patients may use it at their home with as good results as though it were applied at my offices. I will gladly furnish to every sufferer positive and indisputable proofs that my treatment does cure Cancer. I will furnish ample evidence of my integrity, honesty and financial and professional ability. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—write for my book, "Cancer and Its Cure." It will cost you nothing and will tell you how you can be cured at home. Address,

**DR. O. A. JOHNSON, SUITE 371, 1233 GRAND AVE. Kansas City, Mo.**

Have you a friend suffering from Cancer? Do them a favor they'll never forget by sending them this ad



SMOKE YOUR MEATS IN THE NEW WAY, USING

## WRIGHT'S CONDENSED SMOKE

A liquid made from hickory wood. Imparts the delicate flavor that is peculiar to meats smoked with hickory wood. **USED BY APPLYING THE CONDENSED SMOKE WITH A BRUSH.** Send 10¢ and names of five who cure meat and we will mail you sample free. Sold only in square quart bottles with metal cap. Never in bulk. At druggists, 75¢ per bottle. Bottle smokes a barrel on curing meats. **BE SURE TO GET Wright's Condensed Smoke.** Made by

**WRITE FOR FREE BOOKLET**  
THE E. H. WRIGHT CO., LTD., 109 W. FOURTH STREET, KANSAS CITY, MO.


never struck her in my life, but I did use sulphuric language and would quell the turmoil. Then when my wrath cooled down I got supremely disgusted with myself for allowing such an outbreak and would say not a word to anyone for a long time, but the everlasting nagging would be resumed before long, but again the Lord was good to me. I lost my hearing and could not get all that was meant for me. I also lost my occupation and had to take up woodworking. As that was in a big planing mill where there was lots of noise my deafness did not matter. Then began a tide of suicides. First an old friend of mine got tired of his load and threw it off by the drug route. When I looked on his peaceful sleep it was with envy. I wished for the same release. Soon another went by the pistol route. Here again I wished for release of the same kind. In less than six months five of my acquaintances departed, leaving their troubles behind. In the mill where I worked there was a big saw for cutting up logs. That was the inviting place for me. When I saw the big saw running it was hard work to keep from running onto it. At last I quit the place to get away from it. I got all the money I could raise, paid off all obligations on the home, gave my tormentor all the balance but \$5, bade her good by and went home to mother, after trying for twenty years to stay with a bad bargain. The children, two boys and two girls, were most grown and able to support their aunt. What they do or how they get along is not my concern now.

Shortly after coming back to mother she sold her little home in the East. We journeyed to the new country where I have a homestead and we live in peace. I shave myself now, something I never did for long years before. All trace of the desire for self-destruction is gone. Mother and I are here all alone. It is lonesome, very lonesome, and I often or always wish for my first love, but no desire for the second wretch that has blasted my life and left me a wreck on the shores of time till I am called home.

Some will doubtless wonder why this story is given place in the Home Department. There are several reasons. One is that men sometimes have an idea that a Home Department is a place where unhappy wives complain of their husbands and find misplaced sympathy; another is that good women find it difficult to believe that women are ever in any way responsible for unhappy marriages. A story like this of Dakota Sam ought to appeal to both the men and the women referred to. But there is another and much more important reason for giving it place and prominence here with The Editor.

Dakota Sam's story is a tragedy as real as any immortalized by Shakespeare, but just as the misfortunes and misery of King Lear had their roots in

## Farmers and Stockmen, Attention!



No danger handling barb wire if you use the Stark Combined Wire Reel and Stretcher (patented). It is just the thing for building new barb wire fences and for rolling up barb wire if you wish to remove any old fences. This machine is placed on a wagon box and fastened thereto with clamps by two bolts, without any injury to the box, and one man in the seat driving the team can roll up more barb wire without scratching his hands or tearing his clothes than twenty men could do by hand, and it is rolled up on spools in just as good shape as new wire coming from the factory, and can be used again for building new fences. For building new fences two spools can be placed on the machine and be unrolled at the same time as fast as the team can walk, and the wire is stretched by the same machine. For further information write to

**C. W. STARK, MOUNTAIN LAKE, MINN.**

himself so surely may the sorrows of Dakota Sam be traced to one act of his own. He reveals the secret mainspring of his ruined life in the sentence, "My circumstances were such that in a year I was compelled to seek another helpmeet." Dakota Sam's heart was buried with the wife of his love; what he had to offer the woman to whom he gave his name we are not told, but it is evident that he did not, could not give her the one thing which is the supreme requisite of happy marriage. She was cold to him, but had he any right to expect anything else? He frankly admits he sought a helpmeet; she probably sought a provider, and she may have been no less disappointed than he.

It is no part of our intention, as it is certainly not our business, to seek out the details of this domestic tragedy or to adjudicate blame. What is desired is to draw attention to the fact that without mutual love to lubricate the do-



mestic machinery marriage is likely to be a tragedy; that both partners to it are likely to miss happiness, and one at least—sometimes the man, sometimes the woman—to find misery so keen that life becomes a burden hardly to be borne.

### HOME AND HOMEMAKING.

#### LITTLE HELPS BY THE WAY.

Be systematically heroic in little unnecessary points. Every day do something for no other reason than its difficulty, so that, if an hour of need should come, it may find you trained to stand the test.

There never did, and never will exist anything permanently noble and excellent in a character which was a stranger to the exercise of resolute self-denial.—Sir Walter Scott.

The exercise of patience involves a continual practice of the presence of God, for we may be come upon at any moment for an almost heroic display of good temper; and it is a short road to unselfishness, for nothing is left to self. All that seems to belong

Any lamp—no matter how good—is handicapped if it hasn't the proper chimney.

My business is manufacturing lamp-chimneys that fit perfectly—of clean, clear glass that won't break from heat.

My name—MACBETH—goes on every one.

My Index tells of lamps and their chimneys, fully and interestingly. Let me send it to you—it's free.

Address, MACBETH, Pittsburgh.

### THE GREAT DURABILITY AND WATERPROOF QUALITIES OF THE

### FISH BRAND POMMEL SLICKER

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EVERY GARMENT GUARANTEED

IF YOUR DEALER IS OUT OF FISH BRAND, DON'T CHANGE YOUR MIND. HAVE HIM GET THEM OR SEND ORDER AND PRICE TO US.

\$3.50 BLACK OR YELLOW

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### An Only Daughter Cured of Consumption

When death was hourly expected, all remedies having failed, and Dr. H. James was experimenting with the many herbs of Calcutta, he accidentally made a discovery, which cured his only child of consumption. His child is now in this country and enjoying the best of health. He has proved to the world that consumption can be positively and permanently cured. The doctor now gives this recipe free, only asking two two-cent stamps to pay expenses. This herb also cures Nausea at the Stomach, Night Sweats, and will break up a fresh cold in twenty-four hours. Address Craddock & Co., 1032 Race St., Philadelphia, Pa., mentioning this paper.

Send your HIDES to

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10 to 60% more money for you to ship Raw Furs, Horse and Cattle Hides to us than to sell at home. Write for Price List, market report, shipping tags.

\$5000 Hunters' and Trappers' Guide. Best thing on the subject ever written. Illustrating all Fur Animals. Cloth bound, 300 pages. Price \$1.50. To Hide and Fur Shippers, \$1. Write today.

ANDERSON BROS. Dept. 19 Minneapolis, Minn.

most intimately to self, to be self's private property, such as time, home and rest, are invaded by these continual trials of patience.—Frederick W. Faber.

#### SHINING EXAMPLE.

Jes' go 'long good natured,  
Dat's de safes' way;  
Sun goes on a-beaming  
An' a-smilin' all de day.  
Keeps de crops a-growin'  
An' de blossoms an' de fruits,  
Untill de storm come 'round an' try  
To lif' 'em by de roots.

Sun goes on a-shinin'  
Up above de cloud;  
Wind it keeps a-blowin'  
An' de thunder rattles loud;  
Sky gits blue an' peaceful,  
Like no storm ain' never bin—  
Sun he stays good-natured  
An' he allus boun' to win.

—W. S.

#### SMILES.

"What is inconsistency?" asked the curious one.

"Well," responded the wise one, "it is that spirit which moves a woman whose sleeves stop at the elbow to scold her husband because he hasn't any cuffs on."

"What will you do when you have discovered the way to the North Pole?"  
"The next step," answered the explorer, "will be to turn around and discover the way back home."

"We don't lynch a mau often, anyhow, remarked the man from Iowa.

"Neither do we," volunteered the man with the southern accent; "never, in fact, but once."

#### HELPFUL HOUSEHOLD HINTS.

Put a bit of camphor away with silver not in use; it will prevent tarnishing.

To keep wooden breadboards in good condition, scrub them with sand instead of soap. Match marks on the kitchen wall, which have been caused by carelessly striking matches on them, will disappear if rubbed first with the cut surface of a lemon, then with a clean cloth dipped in whiting. Afterward wash the surface with warm water and soap, and then quickly wipe with a clean cloth wrung out of clear water.

An ordinary telegraph wire makes a better line to hang clothes on to dry than the hempen one generally used. The wire does not sag, rot or break. It is easily made clean.

To remove bad odors from a room, burn a piece of dried orange peel on a hot shovel or old tin. The odor will disappear, leaving a pleasant one in its place.

To clean brass ornaments, wash them over with strong ammonia. The fancy parts should be well scrubbed with a brush dipped in the ammonia. Rinse in clear water, wipe dry and polish with a wash cloth.

Once a month I wipe up my carpets after sweeping with a cloth wrung out of warm water and ammonia, with a tablespoonful of kerosene mixed in. It is a splendid cleaner, and brightens up colors better than anything I ever tried.

#### SCHOOL LUNCHEONS.

Here are a few luncheon menus for the school children:

Two slices of whole wheat bread, buttered, filled with a thick layer of creamed cheese and seasoned with salt and pepper.

Two slices of whole wheat bread, buttered, filled with chopped chicken, nicely seasoned. The heart of one stalk of celery. An orange.

Two slices of white bread buttered, filled with chopped lean beef, nicely seasoned. A cup of apple tapioca.

Two slices of whole wheat bread, buttered, filled with a mixture of chopped dates, raisins and figs. A tart apple.

Two slices of whole wheat bread, well buttered. Small cup of custard. A ripe banana.

Two slices of whole wheat bread, buttered, filled with hard-boiled yolks of eggs passed through a sieve, nicely seasoned. Small jar of rice pudding.

Two slices of whole wheat bread, buttered. Twelve dates stuffed with pecans. One baked apple. Bottle of milk.

Two slices of white bread, buttered, filled with a mixture of chopped nuts. An orange.

Two thin slices of whole wheat bread, buttered. One large apple. Piece of ginger bread.

#### A NEW FUDGE.

Melt one-fourth cup butter, add two cups sugar, one-half cup milk, one-fourth cup molasses. Boil seven minutes, add two squares bitter chocolate, stir until melted and boil seven minutes longer. Remove from fire and add one cupful chopped nuts and two tablespoonfuls raisins. Beat till creamy and pour out in a buttered pan.

#### BEAN RAREBIT.

Melt in a saucepan two tablespoonfuls of butter, and add one cupful of cold, sifted baked beans, seasoning with salt and paprika. When heated through, mix in a half cupful of rich milk, as much soft cheese cut fine or put through a potato sieve, and a teaspoonful of Worcester sauce. Stir until the cheese is melted, then serve on thin toast or crisped crackers.

#### CHILI CON CARNI.

Cut two pounds of raw steak into small pieces and fry brown in butter or drippings and thicken with a tablespoonful of flour. Add the water in which six red chillies have been boiled and scraped to a pulp, and then stir in a little garlic and thyme. Simmer until the meat is tender and the gravy smooth and thick.

#### AMONG OURSELVES.

There are subjects which will not down. Letters from women who are the happy wives of men twice their age continue to pour in although discussion of the subject of unequal marriages has been closed. As the matter is one of far-reaching interest I have decided to make place for some communications bearing upon it. First let us hear from "A Wisconsin Bachelor":

May I come in, just once? I am so much



## Doing a Week's Washing In 6 Minutes—Read the Proof

THIS woman is using a 1900 Gravity Washer.

All she has to do is keep the washer going.

A little push starts it one way—a little pull

brings it back—the washer does the rest.

The clothes stay still—the water rushes through

and around them—and the dirt is taken out.

In six minutes your tubful of clothes is clean.

This machine will wash anything—from lace

curtains to carpets, and get them absolutely,

spotlessly, specklessly clean.

There isn't anything about a 1900 Gravity

Washer to wear out your clothes.

You can wash the finest linen, lawn and lace

without breaking a thread.

"Tub rips" and "wash tears" are unknown.

Your clothes last twice as long.

You save time—labor—and money.

You wash quicker—easier—more economically.

Prove all this at my expense and risk.

I let you use a 1900 Gravity Washer a full

month FREE.

Send for my New Washer Book.

Read particulars of my offer.

Say you are willing to test a 1900 Gravity Washer.

I will send one to any responsible party, freight

prepaid.

I can ship promptly at any time—so you get your

washer at once.

Take it home and use it a month. Do all your

washings with it.

And, if you don't find the machine all I claim—

if it doesn't save you time and work—if it doesn't

wash your clothes cleaner and better—don't keep it.

I agree to accept your decision without any

back talk—and I will.

If you want to keep the washer—as you surely

will when you see how much time, and work, and

money it will save you—you can take plenty of

time to pay for it.

Pay so much a week—or so much a month—as

suits you best.

Pay for the washer as it saves for you.

I make you this offer because I want you to find

out for yourself what a 1900 Gravity Washer will do.

I am willing to trust you, because you can prob-

ably get trusted at home. And, if your credit is

good in your own town, it is just as good with me.

It takes a big factory—the largest washer fac-

tory in the world—to keep up with my orders.

So far as I know, my factory is the only one ever

devoted exclusively to making washers.

Over half a million of my washers are in use.

Over half a million pleased women can tell

you what my washers will do.

But you don't have to take even their say-so.

You can test a 1900 Gravity Washer yourself.

Then you will know positively.

Write for my book today. It is FREE.

Your name and address on a post card mailed

to me at once, gets you my book by return mail.

You are welcome to the book whether you want

to buy a washer now or not.

It is a big illustrated book, printed on heavy

enameled paper, and has pictures showing exactly

how my washers work.

You will be pleased with this book. It is the

finest even I have ever put out. Write me at once.

Find out just how a 1900 Gravity Washer saves

your time and strength—preserves your health—

and protects your pocketbook.

Write now—Address—R. F. Bieber, Manager

"1900" Washer Co., 323 Henry St., Binghamton,

N. Y. Or, if you live in Canada, write to my

Canadian Branch, 355 Yonge St., Toronto, Ontario.

interested in the June Bug, as I am an old bachelor and expect to marry a lovely girl of about half my age, and if it is wrong I want to know it. I have everything in the home line, both in town and country, and enough money, but I am very lonesome. She has nothing and has to work for a living. Now, as long as she is willing, what is the harm?

Possibly A Wisconsin Bachelor has found replies to his questions during our recent meetings; if not, the story of a typical occurrence noted by An Observer will surely suggest one answer:

A couple married in Ohio, the man twenty-one and the woman eighteen years of age. They came to Kansas with almost nothing in the way of property. Land was cheap and they worked hard. In eighteen years their little fortune was \$35,000 or \$40,000. At this time the wife died. There was a girl in that neighborhood eighteen years of age, good looking and extra good company, with the exception of being rather fresh. Something like two years after this man's wife died there was a wedding of this man forty-one and that girl twenty years old. Possibly he was thinking he was getting a good helpmeet; possibly she had her eye on the \$35,000 or \$40,000; possibly both were fooled.

Probably this "typical case" will provoke a shower of protests. Let us bear in mind that no rule is without exceptions, and let us also bear in mind that it is quite possible for a young woman, especially a friendless young woman, to love a man much older than herself. At the same time let us admit the fact that if a man is rich and old and a girl young and pretty it is possible that she is marketing her charms.

It is not always the woman who is unhappy when marriage turns out badly. If any doubt this let them drop into the editorial sanctum this week and listen to Dakota Sam's story.

Mrs. Custer County's question is bringing out some fine things; whether you are interested in Sunday base-ball or not you will enjoy hearing what Mrs. Laura Hutchison and Mr. W. T. Fitch have to say on the subject:

I have long been an interested reader of this department, but have never ventured to write. Now, however, I feel that my experience justifies me in answering Mrs. Custer County. We are raising a family of children consisting of six boys and five girls, they ranging in age from two years old to twenty-four, but we have never had any trouble about Sunday ball playing but once.

One of our boys, sixteen years old, wanted to go and see them play ball on Sunday. His father told him he could have every Saturday afternoon, but could not go on Sunday. That was the last trouble we had about that. Our children have always gone to Sunday school and church from the time they were babies. The sister says, "Do not tell me I should go and take them." That is just what I think the father and mother should do. What I have done others can do. Our oldest girl at home is sixteen. She helps get the little ones ready and even carries the baby into church and sometimes keeps him during the services. Then I wish to whisper a little secret: Lead your children to yield their hearts and lives to the Blessed One, and they will not care for Sunday ball games.

I have frequently felt like saying a few words in some of the discussions that have taken place in your columns, but have desisted till now. Mrs. Custer County's question furnishes the first pretext. She and her husband cannot go to church because they must work and cannot get ready, but she would like her boys to go. How are they to get ready? Surely the girls could help the mother and the boys help the father and all could get to church. I know the father and mother are tired, for I have for years taught school winters and farmed summers, doing my own chores and driving several miles to school, but I find that to simply sit or lie around Sunday makes me feel worse than to get into my church clothes and go to the place where I can receive some instruction and help. Ball games usually come in the afternoon, and in town church and Sunday school in the forenoon. Why not organize a Sunday school in your nearest schoolhouse, get the neighbors interested, get the minister from town to drive out and assist and after Sunday school have church. The boys will not be ashamed to go if the fathers are there. I have four motherless children to look after and my oldest boy, seven, does not like to go to Sunday school, but when he sees papa getting ready he makes a start and I shall try to furnish him the example so long as I live.

While we are thinking about the principles and practices of parents suppose we listen to a further word from "An Among Ourselves Mother":

I am a mother of three boys and five girls. I will say to all mothers to begin when the baby begins to creep to let it know who is the one that has to mind. Some mothers will put everything about the house up out of the baby's reach. That is a bad way to begin, I think. I never did that with the first one nor any of the rest. I am not saying they never got in mischief, but if you say, "Baby, Baby," or call his name, he will soon learn not to touch that thing again. And after a child can talk and know what you say, then for the good of your child make him mind. I have so often heard children say, when told to do some little thing, "I won't do it," or "Let Mary do it" and



the mother let them go and never said a word or made them go. Now, then is when I say the mother is the one that is doing wrong. I may make you think I am a very hard, strict mother, but I am not. I haven't used a switch but three or four times in ten years and I must say I would rather have taken the whipping myself. I haven't a child from four years up but minds me. Mothers, don't scold and nag, nag all the day long. Be cheerful and a child as near as you can, with the children, and let them be little women with you. My little girls bake little pans of bread and little pans of cookies, too. That doesn't bother me, and oh, the good it does them!

It's such a difficult matter this of training children that it is small wonder so many mistakes are made. The great thing is to be alive to the responsibilities of the position and alert to garner wisdom from those who have it. Little talks such as we have in this circle serve the double purpose of provoking thought and putting experience in circulation. I trust that increasing numbers of parents Among Ourselves will see their duty and avail themselves of their privileges in this direction.

Mrs. Borosky, who is something of a reader, has a word for us:

Speaking of book talk's reminds me that I read something over sixty volumes last year and I wonder if I could say something of interest to book lovers like myself. There, I see some of the members holding up their hands in horror. "How did she get the time? I'll bet she did not make her bed or wash her dishes." Yes, my dear friends, I not only made my beds and washed my dishes, but I cared for five small children, beside the thousand and one things a farmer's wife finds to do. I'll admit I had no ten or twelve-roomed house to take care of; such are scarce in Oklahoma, where I have lived for seven years, but I am "sorta" like Mrs. Wiggs. I couldn't very well be thankful for what I didn't have, so tried to be doubly thankful for what I've got—but where is my book talk? I am going to give you the very richest of cream. I suppose most of you are acquainted with "Pansy" and a few of her books are "Four Girls at Chautauqua," "Chautauqua Girls at Home," and "Judge Burnham's Daughters." The first is a history of the conversion of four girls, and the others of their work as Christian women. Then, there is Ralph Connor's "Sky Pilot," "The Prospector," "The Man From Glengarry," "Glengarry School Days," and "Black Rock." I wish I could give a short sketch of each, but as that will take too much room I will only say they are too good to pass by if one can get them. "The Wide, Wide World," and "Queechy," by Elizabeth Wetherell are, I think, two of the best books I ever read. "Silver Threads," by McKeever, "The Virginian" by Owen Wister, "Gordon Keith" and "Red Rock" by Thomas Nelson Page, "The Right of Way" by Gilbert Parker, "Rose in Bloom" and "Old-Fashioned Girl" by Louisa Alcott, "Prisoners of Hope" by Mary Johnson, "The Colonel's Daughter" and "Foes in Ambush" by General Charles King, and, of course, "Mrs. Wiggs" and "Lovey Mary," and about twelve or fourteen of E. P. Roe's and, oh, ever so many more that I might name, but the ones I have named I can recommend to anyone; they can be put into the hands of young people without fear. You may have guessed I have the advantage of a circulating library, and when I have read a book I write the name and author down and study them and in that way can remember them.

Do none of the friends read anything

but fiction? I am an advocate of good novels, but I believe in a "balanced ration," to use the phrase of teachers of domestic economy. One should read history, philosophy, poetry, biography and travel as well as novels. Mrs. Borosky's list is good as far as it goes, but it does not go far enough. Let us hear from others.

May Flower comes with a remedy for a cranky husband:

A good cure for a cranky husband is a pleasant wife; meet him at the door with a smile when he comes home tired; give him the best chair in the house and talk to him about his and your work. If he answers cross, put your arm around his neck and tell him how sorry you are because he is tired, but by all means keep your temper sweet and you will see you can cure a crank.

Just a few words to open the discussion of dancing and we must adjourn until next week. Murl's Wife believes in dancing as you will hear:

As dancing has been brought up for discussion I desire to give my opinion. For my part I strongly approve of dancing as an amusement for young folks. Not the hall dances, but the country club dance. If not indulged in to excess, dancing is a pleasant and healthful pastime. Young people learn to have more confidence in themselves, walk more gracefully, and are less bashful if they can dance well. I live in the country, am twenty-three years old and have been married three years. My husband and I belong to a dancing club, the same to which we belonged previous to our marriage. Our club meets every two weeks in the homes of the different members, and we have jolly good times. As to harm resulting from the dance it is all bosh; anyone so minded can make harm from any of the amusements. The girls who dance in this part of the neighborhood are just as pure and womanly as those who have never set a foot on the dancing floor. I am the mother of little twin girls, two years of age, and would much prefer when grown they would dance than attend these kissing bees, so popular in some communities. I have "been there" in both cases, and my advice to the girls is dance all you want to, but "turn down" the kissing parties.

#### POLAND CHINA BREEDER.

Mr. A. C. Lanham, breeder of Poland China swine, of Battle Creek, Iowa, in furnishing copy for his advertisement that appears on page 30, writes: "I am completely sold out of bred sows, have shipped them all over Iowa and into several of the adjoining states. Every sow we have sent out has either gone into a pure-bred herd or for the foundation of a herd, and of all that we have sent out, have not had a single complaint. The herd was never in better shape and we have sixty-five little pigs with several sows yet to farrow; among them some of our best ones. L's Sunshine has made a good growth this winter and we believe he will make a better show this fall than he did as a yearling. Everyone that sees him likes him and have booked orders for boar pigs sired by him to be delivered in August. If nothing happens we will be out to the fair this fall with a lot of his get and the boys can see how he breeds. We are booking orders now for boar pigs to be delivered in August."

#### GOING TO CANADA.

During the past few months everything has been Texas and the Panhandle. Never before has such a vast multitude of people flocked to any new country for investments in farm lands. This has been the case to such an extent that we have all lost track of Canada. We must remember that in the North is a class of people who are energetic, thrifty and determined for success. This quality alone means advance in lands in that country. Then, too, it is a place of fine homes, cultivated farms, blooded stock and general thrift. Why not investigate a tract of land in Canada, just over the line from Estevan, northwest to Weyburn. This is renowned for its rich soil, for its good water and enormous wheat crops, a place where land must double in value in five years. Mr. C. C. Pugh, of Des Moines, Iowa, would like to send you information concerning this garden spot. Write him for particulars to the address given in his advertisement on page 22 of this issue.

#### "FACTS FROM FALFURRIAS FERTILE FIELDS."

The above is the title of the most beautiful and instructive book ever printed about the famous gulf coast country of Texas. This book ought to be in the hands of every one of our readers, because it tells of a country that is famous for its big paying crops, its excellent climate, its artesian wells and many other features in which every good farmer is interested. "Facts From Falfurrias Fertile Fields" was published by the Falfurrias Immigration Company, of Kansas City, Mo., and is being sent free to those who write for it. The Falfurrias district of the gulf coast country surely affords great opportunities for the man who wants to make a home for his family and a competence for old age. Land that is selling there now at \$15 per acre will produce crops that bring \$50 to \$300 per acre per year. There is sufficient rainfall for all crops, and then artesian wells furnish a never-failing supply if more should be needed. Thousands of northern farmers have moved to the Falfurrias country in the last few months. They are all satisfied, and more than satisfied. They are making homes for their boys and girls and are looking forward to an old age of peace and plenty in this land of sunshine, flowers and big crops. To those who want to buy land this ought to be interesting. It means the opportunity of a life time. Remember Uncle Sam has no more land to give away, but population is increasing just the same. When you can buy such land as this at \$15 per acre it is time to act if you ever expect to own a home and live in comfort. The Falfurrias Immigration Company is composed of men of high moral character and financial worth. They want good farmers to come to the Falfurrias country and they encourage and help everyone

## WILL YOU TRY THE FAMOUS ESTEY ORGAN THIRTY DAYS FREE?

We will send you any organ which you may select from our catalog, freight prepaid, direct from our factory for 30 DAYS' FREE TRIAL

If you like it after trying it, you buy it.  
If not, return it at our expense.  
If you do buy it, we give you

### A Twenty-five Year Guaranty.

You know what the Estey Organ is. For sixty years it has been the world's standard organ—used and loved by the world's greatest musicians. Its purity and sweetness of tone, has never been equalled by another organ. Today the Estey is better than ever before, because 60 years' experience has taught us more and more about "the mysterious ways of the wind among the reeds," has taught us more and more about clarifying and sweetening the tone has taught us how to make a better organ. You know and your neighbors know the Estey reputation. You know that it is an organ you may well be proud of—and never have to apologize for, as you must constantly do for an organ from an obscure maker or from the "job-lot" of a cheap mail order dealer. Why not get the best—the organ the whole world proclaims the best—especially when you can buy it, direct from the factory, at actual factory prices on a 25 years guaranty, backed by the manufacturer!

The Estey factory is the largest organ factory in the world. It has the best equipment, the finest facilities, the most expert and experienced workmen. More than that, it is backed by a determination to produce only the best possible organ—to maintain and advance the Estey reputation. That's why the Estey organ grows better and better from year to year.

But—let's waste no time talking about it. Try the organ and see and hear for yourself. Remember, we send the organ for a 30 days' trial—and we pay the freight. You don't buy it until you have tried it. We can't be more fair than that. Send today for Catalogue No. 109 and make your selections. Estey Organ Co., Brattleboro, Vt. (Established 1846)



## Great Northern Rates To the Northwest

LOW ONE-WAY RATES DAILY, UNTIL APRIL 30

Seattle, Tacoma, Portland Everett, Bellingham, Vancouver and all Puget Sound Points	\$25 <sup>00</sup>
Spokane, the Kootenai, Wenatchee the Big Bend Country and many points in Eastern Washington	\$22 <sup>50</sup>
Helena, Butte, Havre, Great Falls Kalispell, Whitefish and many Other Montana Points	\$20 <sup>00</sup>

Only \$6.00 to nearly all points in North and South Dakota, Every Tuesday during March & April. Low Rates to points in Canadian Northwest on same dates.

These rates are from St. Paul and Minneapolis—Rates from Chicago, Des Moines and points east and south thereof are proportionately low. Book on Washington, Montana, North Dakota and information regarding rates and routes to any point in the Northwest furnished on request.

### TWO TRANS-CONTINENTAL TRAINS DAILY

MAX BASS  
General Immigration Agent  
220 SO. CLARK ST.  
CHICAGO



A. L. CRAIG  
Passenger Traffic Manager  
ST. PAUL, MINN.

ALASKA—YUKON—PACIFIC EXPOSITION,  
Seattle, June—October, 1909.

who settles there. Look up their advertisement in this issue and write for the book described above. The "Facts" will interest you.

#### BETTER THAN A CHINAMAN

is the 1900 Gravity Washing Machine, for the simple reason that it entails certain wonderful improvements in construction that make its manipulation almost child's play. The law of gravity causes all matter to fall to the earth. This principle is made use of, in this improved washer. In the ordinary washer the clothes are moved and the water is thus agitated. In the 1900 Gravity Washer the clothes remain in position and the water is moved. Stands to reason, does it not, that water can be moved easier than water-soaked clothing? Nothing is more awkward and bulky to handle than wet clothes. They eventually break the back of the strongest woman. The Gravity Washer has been well tested in thousands of homes. Its ease of manipulation, its thoroughness in cleansing clothes of the finest or coarsest weave, its durability and lasting qualities all recommend it highly to the farm or city housewife. An offer is now being made whereby every woman can secure this washer

on easy terms. We would advise every woman to investigate the merits of this machine. It does not pay to wear one's life out doing heavy, large washings without the best equipment. Write today to Mr. B. F. Bieber, Mgr., 1900 Washer Company, 382 Henry St., Binghamton, N. Y. On page 19 we show a picture of the washer doing a week's washing in six minutes. Kindly mention this paper when you write this company.

#### THE "ILLINOIS" CREAM SEPARATOR.

One of the strong features in the construction of a dairy separator is the turbine disk bowl. This bowl is free from crevices which are so easily filled with dirt which sours the milk. Neither are there any cups or corrugations in its make-up which are very desirable things to consider in any make of separator. The "Illinois" separator is built for the farmer's use particularly and is made strong throughout. Its efficiency in operation is high and makers claim that it will skim as close as any. Their catalog tells all about it and may be had by addressing your inquiry to the American Hardware Company, Dept. 8, Ottawa, Ill. Write at once if interested.

## WALL PAPER OFFER

BOOK OF SAMPLES FREE



WRITE US  
and say "Send me your new 1907 Wall Paper Offer" and we will at once send you FREE, a big book of 1907 wall papers; immense variety, beautiful patterns, at astonishingly low prices. We own our own big wall paper factory

and sell you direct on factory cost basis, less than one-half price you must pay others. Our new 1907 patterns will delight you, our low prices surprise you. The big free sample book also shows how to hang paper and do the job yourself; anyone can follow our simple directions successfully.

### YOU CAN GET THIS DRESSER

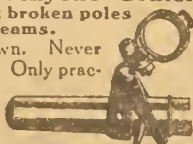
FREE, or a fine couch, Morris chair or choice of hundreds of valuable articles free if you buy from us. Our Profit Sharing Plan, as explained in the free wall paper book, is more liberal than ever. Write at once for our new Wall Paper Sample Book and see for how little money you can paper one room or your entire house and all our great new offers. Address BEARS, ROEBUCK & CO., Chicago.



## "STOP RUNAWAY"

The ZIEGLER Neckyoke Center  
is insurance against broken poles  
and runaway teams.

Pole can't let down. Never breaks; years of wear. Only practical center. Simple and costs less than the other kind.



"ASK THE DEALER."  
ZIEGLER NECKYOKE CO., Coffeyville, Kans.  
Write Today for Free Illustrated "Story of a Runaway"

STOP TEARING YOUR HAIR out with a comb after a shampoo. Use the patent air cushion hair brush, the ladies' and children's friend; delightful; removes dandruff. \$1.00. Mail Order Drug Co., 1103 N. Grand, St. Louis, Mo.

SELL tobacco and cigars locally or traveling. Steady salary or commission. Full time or side line. Steady work, good pay, promotion. Address: Brocton Tobacco Works, Box 198, Danville, Va.



# BLACKLEG AIDS



JUST A LITTLE PILL  
●● THIS SIZE ●●

placed under the skin  
by a single thrust of  
the instrument . . .

No Dose to Measure.  
No Liquid to Spill.  
No String to Rot.

SIMPLEST, SAFEST,  
SUREST, QUICKEST  
WAY TO VACCINATE  
CATTLE AGAINST  
BLACKLEG

Purchasers of 100 doses  
get an Injector FREE

For Sale by all Drug-  
gists. Send for Free  
Booklet. . . . .

**PARKE, DAVIS & CO.**

Home Offices and Laboratories,  
DETROIT, MICHIGAN.

## GOOD HARNESS

HOW YOU CAN BUY A FINE \$35 SET DIRECT  
FROM THE MAKER FOR \$24.  
ALL SHIPMENTS ON APPROVAL.

I make all my harness in my own factory right here in Waterloo. I buy all the leather and supplies so I know that nothing but genuine oak-tanned leather is used. I know all my men and every last one of them is a skilled harness maker. My expenses here are low—not one-fifth of what they would be in a large city where most of the harness sold by mail-order houses and local dealers is made.

When you buy from me you deal direct with the maker and that means a mighty big saving.

You take no risk either. All goods shipped on approval and if not entirely satisfactory you send them back and get your money and we pay charges both ways. As to our responsibility you can refer to any bank or express company in Waterloo or you can look us up in Dun or Bradstreet.

The harness shown in the cut here is our "leader" for 1907. It's a genuine bargain—a splendidly made 1 1/2-in. team harness—all of the best grade oak-tanned leather.

Just send me the money and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways, if you are not perfectly satisfied.

My big, free Harness Book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address R. M. Knox, Pres., Western Harness & Supply Company, 613 Main St., Waterloo, Iowa.



## PATENTS

If you have a new device which can be patented, it may make you a fortune if properly protected. Send sketch or model of your device for free opinion as to patentability. Among our clients who have made money out of their patents we refer you to the following: Wm. F. Gould, Des Moines, Ia.; Wm. H. George, Dexter, Ia.; H. H. Munson, Truro, Ia.; Franz J. Wood, Des Moines, Ia.; Gould Balance Valve Company, Kellogg, Ia.; P. H. Van Gorp, Pella, Ia.; Stocking & Mendenhall, Audubon, Ia.; Wm. W. Robinson, Des Moines, Ia.; Victor Landholm, West Point, Neb.; Samuel G. Scholz, Billings, Mo.; Benjamin F. Booth, Indianapolis, Ia.; and many others we will name on request. Upon examination of your device we can tell you whether or not you can secure a patent. We have the largest and best equipped patent offices in the west. We also have Washington offices. As reference we can give you The Homestead and many other papers, any bank in Des Moines, a large number of manufacturing concerns throughout the west, and other clients. If you have an idea, write us for full information as to how to protect it fully.

**ORWIG & LANE,**  
408 Crocker Bldg., Des Moines, Ia.

### ADVERTISING NOTES.

Irrigated lands at \$12.50 per acre is the proposition that L. M. Davis, Portland, Ore., is offering to prospective investors. See page 22 and write for further particulars.

A desirable farm, containing 134 acres, is offered for sale by Mr. Louis Benson, of Anoka, Minn., in his advertisement that appears on page 22 of this issue of The Homestead.

For choice Missouri prairie or bottom land in chunks of sections, halves, or quarters and less, write to Mr. John W. Everman, of Gallatin, Mo. See page 22 and kindly mention The Homestead.

Mr. W. P. Coon, who won the \$2,000 Burg wagon on the best seed corn exhibited at the Iowa corn show last year, is now offering seed corn of that same stock. His prices are reasonable and he guarantees satisfaction. Look up his advertisement on page 10. Kindly mention The Homestead when you write.

What is advertised to be one of the finest 400-acre stock farms in central Minnesota is offered for sale by Mr. John P. Fridley, of Grand Rapids, Mich., in his advertisement that appears on page 22 of this issue. The farm will be sold on easy terms. For further information read the advertisement and write the advertiser.

A fifteen-acre fruit farm with all the necessary equipment to carry on the work of planting and gardening is offered by Messrs. Smith & Davis, of Ames, Iowa. This plot is located near the agricultural college, which gives a handy and extensive market for the produce of the farm. See page 22. Mention The Homestead when you write.

Bargains in well drilling machinery and in one, two and a half horse power gasoline engine are being offered by Mr. B. F. Richardson, of Dubuque, Iowa, on page 4. This machinery is represented to be in first-class condition and probably can be purchased at prices that will be very attractive. Mention this paper when making inquiry.

Mr. G. L. Crookham, of Kearney, Neb., is offering alfalfa, wheat and corn lands located in central Nebraska, for sale at \$15 per acre in his advertisement that appears on page 22 of this issue. He has one farm near Kearney, Neb., which contains 4,590 acres, with good improvements, that will be divided if desired and time given to the purchasers. Mr. Crookham desires agents to aid him in the selling of these Nebraska lands.

The Allen County Investment Company, Longton, Kan., makes an interesting announcement in this issue regarding land investments. This company control a grand lot of farms in southeastern Kansas and are prepared to make the very best of terms to buyers. They have some first-class bottom lands listed. Write for prices and descriptions of what you want. Kindly say you saw their advertisement in The Homestead.

The benefits to horses from clipping them in the spring are now so generally recognized that the best means of doing it concerns every reader who has horses. The Chicago Flexible Shaft Company, 234 Ontario St., Chicago, Ill., advertise in this issue a high-grade Stewart clipping machine as low as \$6.75, a price that is not prohibitive to even the owner of one horse. Write this firm for their free new catalog, the world's most complete line of clipping machines.

On page 22 the Colonial Securities Company, of Denver, Colo., make announcements which should be of interest to those having small amounts of money to invest in land claims in that state. This company state that filing charges are only twenty-five cents an acre and unless you have \$500 to invest you will not find it worth your while. The claim reservation opens at Denver, June 1st, this year. Write if interested to the address as given above. Mention The Homestead.

Better corn, more corn, and at less cost are the essential profits to the farmer. He does not plant any kind of corn and wonder why he does not get a fifty to seventy-bushel yield, but he is particular to select the best seed corn obtainable. This must be selected by experts. Such expert selection and finest of seed corn is obtainable from the Nishna Valley Seed Company, Box 12, Hamburg, Iowa. Send for their illustrated catalog, full of information valuable to raisers of pure strains of seed corn. See advertisement on this page.

### EASTERN KANSAS FARM CHEAP.

Do not fail to read the advertisement of Mr. A. D. Washburn, of Topeka, Kan., in this week's Lands and Homes department. Mr. Washburn offers a fine 400-acre farm near Topeka at a very low price. Write him about it.

### A BEAUTIFUL BUSINESS.

One of the most beautiful businesses in this world is that of Macheth, the lamp chimney maker, of Pittsburgh. Beautiful, because it has grown to great proportions and profitability by satisfying the requirements of every lamp in use, whether known to its users or not.

### EASTERN KANSAS FARMS.

Those who are interested in land should not overlook the advertisement of Messrs. Geo. M. Noble & Co., of Topeka, Kan., in the Lands and Homes department this week. This is an old reliable firm and they are selling some fine farms in a "sure crop" country very cheap.

### KANSAS LAND CHEAP.

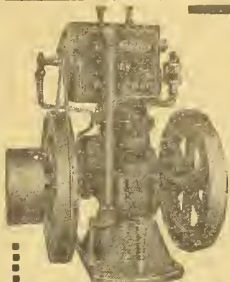
When you can buy Kansas land where the crops have been fine for years at the extremely low price of \$7 per acre, there is certainly no excuse for anyone not owning a farm. Look up the advertisement of Messrs. C. E. Foote & Co., of Topeka, Kan., on page 23 of this issue and read it carefully. Then write this firm for full particulars. This is certainly a snap.

### QUALITY AND PRICE IN ROOFING.

These are two very important things to consider in buying prepared roofing. When quality outweighs the price one considers that a good deal has been made. When quality is poor and price is high it leaves a bad taste. Unfortunately is the dealer who sells such. The Flint-Coat Roofing Company insist on selling only a high grade of product. Quality means wear, which in turn means a roofing that will stand the elements for a

# PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 32-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.  
**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**



"Hired Men are Scarce" **The "New Way"** is the ORIGINAL and only  
**AIR COOLED ENGINE**

that gets rid of the water nuisance.  
It cools better than the water way. In or out of doors, in hottest weather, under constant heavy load, it cannot be overheated.  
Most reliable and durable engine made.  
Save money by writing for proposition F E.

15 Ash Street **The "New Way" Motor Company** 15 Ash Street  
LANSING, MICHIGAN, U. S. A.



## THE OLD RELIABLE Anti-Friction Four Burr Mills.

DOUBLE THE CAPACITY OF OTHER MILLS.  
TWO-HORSE mill has 25 ft. Grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bu. per hour.

30,000 Bu. With One Set of Burrs.  
I have used a Mogul No. 1 mill for seven years and it has ground with one set of burrs more than 30,000 bu. of corn, and the burrs are still in good condition. F. E. Craig, Mt. Carroll, Ill.  
Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Bavee Grinder & Furnace Works, - - Waterloo, Ia.

## Pure Bred SEED CORN

growing seed corn. It means more bushels to the acre, when such seed is planted, and better corn; it means a bigger profit on your labor, and a corn that is ears—not nubbins. We grade it all by hand; test it; guarantee germination. We are located in best corn section of the world. Write for Catalog and free samples. Free Garden Seed Offer in Catalog. Photographs of real corn as raised.

Box 12 **NISHNA VALLEY SEED CO.** Hamburg, Iowa.

lifetime. You can buy Flint-Coat direct. Write to the Rock Asphalt Roofing Company, Commercial Station, Dept. D., St. Paul, Minn. See page 4 for quotations.

### WYOMING RANCH FOR SALE.

A twelve thousand-acre ranch on the main line of the U. P. R. R. in Wyoming, with two good sets of improvements and a running stream through it is offered for sale by the O'Keefe Real Estate Company, Omaha, Neb. This is one of the greatest bargains as an investment that has ever been made in the West. Write them about prices, etc., at once.

### A GREAT WYOMING BARGAIN.

Ten thousand acres of eastern Wyoming land on the main line of the U. P. R. R. and close to the B. & M. This is nice, smooth land and could be cultivated. Price \$5 per acre, half cash. The adjoining land is being sold to a German colony at more than double the price asked for this. Write O'Keefe Real Estate Company, 1001 N. Y. L. Bldg., Omaha, Neb., and mention The Homestead.

### STOP TRYING TO MAKE MONEY.

Under this heading will be found an advertisement on page 22 that contains something for every land seeker to think about. Over a half million acres of lands in the great Northwest are being offered therein. New lands are being rapidly taken. The opportunity for making small investments will soon be history. In a new country there are hundreds of chances to make money to a half dozen in an old country. Nature is generous to the hand of the tiller first on the ground. She then gives in full measure of her hidden riches. Later it is harder to coax good crops. For the grain farmer, as well as the stock farmer, the Northwest is a land of opportunity. See what is listed by the Stewart & Mathews Co., Ltd., 305 Jackson St., St. Paul, Minn., and if interested write them for propositions.

### THE DANGER OF HANDLING BARBED WIRE

is reduced to a minimum by the use of a good wire stretcher and a reliable, efficient wire reel, such as is now offered in our columns. Fence building is relieved of most of its accidents and dread by this machine. The inventor struck upon the idea after having built many fences himself and has made every part of the device practical. The device will roll up and unroll at the same time, which makes it especially valuable when an old fence is being unplaced, as the old wire can be wound up at the same time that the new wire is put on. One man can do the work of three with this reel. By the illustration you will see how it works. See page 13 and address all inquiries to Mr. C. W. Stark, Mountain Lake, Minn. Mention this paper when writing.

### WHEN THERE'S A BROWN FENCE BETWEEN

your live stock and the rest of the world, you are in a position to enjoy the thought that your neighbor won't be telling you over the telephone to collect your stray stock. An examination of a section of Brown woven wire fence shows a very good principle in the construction of this kind of fence. The stay wires are straight and in one piece from top to bottom. This makes a rigid fence and one that will stand up. The quality of steel used in the construction is of the very best, which further insures the life and usefulness of this make of fence. It has always been the aim of this company to

## Uncle Sam's Sheep Dip



is made according to the U. S. formula. It is the up-to-date dip and disinfectant for general use for progressive stockmen and farmers. It is the most powerful non-poisonous germicide. Not only is it the very best, but is sold cheaper than inferior dips and washes.

Prices—1 gal. can, dips 100 horn sheep, \$1.00; 5 gal. can dips 500 horn sheep, \$4.00; 1 case, (10, 1 gal. cans) dips 1000 horn sheep \$8.50; 50 gal. brl. dips 5000 horn sheep, \$40. net cash prices, f.o.b. Minneapolis. Complete directions for use on sheep, cattle, horses, chickens and for disinfecting purposes furnished free. Booklet of 32 pages, called "Stock Grower's Enemies," sent postpaid for 2 cents. Local Agents Wanted.

No Goods Sold on Credit.  
Send all orders direct to the manufacturers,  
**Northwestern Hide & Fur Co.,**  
MINNEAPOLIS, MINN.

## FREE TO MEN

Sent Positively Without Cost.

This is a bona fide offer to any man suffering from any of the diseases peculiar to men and is made by Dr. Rankin to give every man an opportunity to test, without cost, his superior and original methods. **One Week FREE Treatment**

If you need medical advice, why not get the best? This one week's treatment, absolutely free, will convince you.

**Dr. W. D. Rankin,** Dept. 18, 136 W. 34th St., New York.

supply something that will stand extraordinary abuse. The top and bottom wires are made to keep the fence in place. Dogs, swine or other small stock will find it impossible to crawl under the Brown fence. When you buy this brand the freight is all paid and you know just exactly what your fence is going to cost. Remember, that freight charges add a great deal to the cost of your fence. Send for a booklet explaining



the good points of this fence. Address your inquiry to the Brown Fence and Wire Company, Cleveland, Ohio. Mention The Homestead when you write.

#### HARDING'S SHORT-HORN SALE.

We wish to direct the attention of our readers to the female consignment in the fifth annual Short-horn sale of Mr. F. W. Harding, which will be held on April 10th, at Waukesha, Wis. With the exception of four head, the entire lot of forty either have calves at foot or are safe in calf to Whitehall Sultan, Whitehall King, Anoka Sultan, Red Sultan and other bulls of great note in Short-horn circles. Whitehall Sultan stands today one of the greatest show and breeding bulls the breed has ever produced. The winnings which he and his produce have won in the strongest shows of this country are too well known to require repetition here. The other three bulls in service, Whitehall King, Anoka Sultan and Red Sultan, all sons of Whitehall Sultan, have been selected with a view to improving the herd, and they have the character and individuality of their noted sire. At the head of the Anoka herd good bulls have always been used. The breeder who is in the market for good females sired by or bred to good bulls will find in this offering cattle that will please him and be money makers if properly cared for. Five imported cows are listed, two of them with heifer calves at foot, and the others bred to Anoka Sultan, a first-prize winner the past season in five of the strongest shows. The female offering is practically all Scotch breeding, and collectively we doubt if there are as many good females, individually and breeding considered, in one sale this year as have been listed for this sale. Mr. Harding has drawn on some of the best herds of Canada in order to fill the consignment, and those present sale day will find that the class of cattle which have been selected for this occasion are in keeping with the high character of the previous offerings. Imp. Dum-na-Glass Nonpareil is an unusually good cow and has an extra good heifer calf at foot, by Imp. Butterfly King. This cow was imported by Mr. W. D. Platt and was considered by him one of the best breeding cows he owned. She is now safe in calf to Anoka Sultan, one of the best sons of Whitehall Sultan. The breeder who is in the market for a richly-bred cow with calf at side and rebred to one of the best bulls to be found in any herd, will find a bargain in Imp. Nonpareil Dum-na-Glass. Imp. Missie 159th is a Marr Missie by Spicy Robin and is safe in calf to Anoka Sultan. This cow will fill the requirements of the breeder who wishes to add new blood to his herd. Bred to Anoka Sultan, winner of five first prizes this past season, this cow should produce something worthy of the show ring. Missie of Pine Grove 7th is a beautiful red heifer by Imp. Marquis of Zenda, one of the greatest breeding bulls on the American continent. This heifer has a very attractive head, very level lines, thick fleshed and low and wide, a show heifer in every respect. She is safe in calf to Anoka Sultan. A daughter of Imp. Banker, Bampton Crocus, is a very valuable cow of excellent Cruickshank breeding. Mr. Harding did not intend to put this cow into the sale, but wished to give those present an opportunity to secure cows with calves at side by the noted Whitehall Sultan. Bampton Crocus will calve before sale day to the service of Whitehall Sultan and will do so into any herd. Another daughter of Marquis of Zenda is found in Zoe of Pine Grove 6th. She belongs to the Cruickshank Clipper family and is a splendid thick-fleshed heifer of show-yard merit, very deep and smooth, with good, level lines, and bred to Anoka Sultan she should find a place in some good herd. Lily of Pine Grove 3d is a daughter of the Duthie-bred bull, Village Champion, one of the principal bulls in use in the noted herd of Messrs. W. C. Edwards & Co. This is without doubt one of the best yearling heifers that will go through a sale ring this year. She is safe in calf to Anoka Sultan and will make a noted show cow, and is one of the attractions of the sale. Pine Grove Mildred 11th is a beautiful, thick heifer and is safe in calf to Anoka Sultan. She has been a prize winner in strong classes and will please discriminating buyers. Charity Floss is a heifer of show-yard character. Her dam, Imp. Floss, was one of the best cows in the herd of Mr. W. B. Rigg. Her calves have always commanded good prices, Messrs. H. Cargill & Son, of Ontario, having sold a two-year-old heifer out of her at public sale for \$1,300. The sire of this heifer, Golden Charity Prince, is one of the best breeding bulls of the country, and this heifer is bred to Anoka Sultan. She will do well in any herd. Plainville Lassie is a daughter of Indian Wave, by Imp. Indian Chief. She is one of the attractions of the sale, being bred to Whitehall Sultan and due to calve before sale day. Her dam was one of the best breeding cows ever owned in Anoka herd and this cow is one of the massive, broad-backed sort which are always in demand. Another of the attractions of this sale is Imp. Princess Royal. She is one of the best individuals that has been imported to America. Not until the dispersion of the herd would the owner of this cow allow her to be sold. She is one of those large, smooth, short-

legged kind, thick fleshed and very stylish, and has a beautiful red heifer calf at foot by Imp. Royal Bruce, a very good sire of show cattle. The breeder who is looking for a show yearling will find what he wants in Pine Grove Clipper 11th. She was first-prize junior calf at Toronto last September and was considered one of the most promising things in the show. She belongs to the Cruickshank Clipper family, from which have come some of the most noted bulls of the breed. This heifer is worthy of close inspection. A good, useful helper of Scotch breeding is Nonpareil Maid. She was got by Lord Lovely and is bred to Whitehall Sultan. There are only a limited number of females in the sale bred to Whitehall Sultan and Nonpareil Maid represents one of the best Short-horn families, and is individually good enough to go into any herd. Another Nonpareil heifer bred to Whitehall Sultan is Nonpareil Queen, herself a good heifer and will make a valuable cow. Queen of Gerry and Riverside Queen are two very valuable heifers belonging to the Duchess of Gloster family. Queen of Gerry is bred to Red Sultan, one of the best sons of Whitehall Sultan the writer has seen, and Riverside Queen is in calf to Whitehall Sultan. These two heifers are among the attractions of the sale. In our next issue we will give further particulars regarding these cattle. We want to emphasize the fact that the bull consignment is the strongest ever sent into the sale ring from this herd. Mr. Harding has carefully selected the bulls and they represent some of the best he has ever owned. Full particulars regarding them will be given in our next issue. We urge our readers to write for illustrated catalog, as per the announcement on page 24 of this issue, kindly mentioning The Homestead, and plan to be present sale day.

#### LAST CALL FOR THE SIOUX CITY HEREFORD SALE.

The second annual sale of Messrs. Edmonds, Shade & Co., of Kingsley, Iowa, and the Stanton Breeding Farm Company, of Madison, Neb., will be held at Sioux City, Iowa, on April 3d, and it promises to be the leading Hereford event in the Northwest. These two firms were never known to put their poor stuff in public sales, but on the other hand always send forth the best they have in their herds. They did it last year and they are doing the same this year. It is an offering that we do not hesitate to urge our readers to buy. At the head of these two herds are the most noted bulls of the breed, and the matrons in these same herds are the very best that money will buy, and are daughters of the most noted Hereford sires in America today. There is, therefore, a reason why these two well-known firms are consigning some great cattle to this sale. There will be twenty high-class bulls and twenty very choice heifers in the sale. These are the cream of these two herds. From the Stanton breeding herd comes the great young bull, Don Donald, by the great show and breeding bull, Beau Donald 7th. He is unquestionably the best young bull that will be sold in any sale this season. His dam is Duchess of Bedford 26th, a Wilton-Anxiety-bred cow, and a great breeder. This youngster is only twelve months old and will weigh 1,200 pounds. He is a half-brother to the great bull, Prairie Donald, junior champion at the American Royal and the International in 1903, and afterwards sold in the sale for \$1,500. This bull is even better than was Prairie Donald at the same age, and is a bull of decided herd-heading character. Several other good bulls will come from this same establishment and they are away beyond the average bulls sold in public sales. In females they are selling some good Beau Donald 7th, Climax and Rex Maximus heifers and they are in keeping with the best. One of the good ones they are offering is Donald Climax by Beau Donald 7th, dam by Climax, bred to Rex Maximus. She is very heavy and even from end to end, deep, wide and thick fleshed, a splendid heart girth, with lots of scale and substance. One of the very best things in their offering is a 1,600-pound cow got by Hobart, a half brother to Woods Principle, grand champion steer at the International live stock show, 1903. She is a grand good cow and would make an attraction in any herd. If good cattle will keep up the reputation of a herd, then the Stanton Breeding Farm Company are certainly entitled to a place in the front rank, and we want to say to our readers that a better lot has never been sold off the farm. Messrs. Edmonds, Shade & Co. are also selling their best, and contribute ten cows and heifers and ten young bulls. In every show ring the Shade-land herd has won its share of the premiums, and in every sale ring cattle from this herd have commanded attention of the buyers. Among their females is the well-known show heifer, Columbus Belle by Columbus 35th, and bred August 13th to the great bull, Sir Albany 9th. She is a winner in any company. They also offer two young show cows with calves at foot. One is Rachael Randolph by Imp. Randolph, with heifer calf at foot by Columbus 35th. The other is Columbus Lyrn, by Columbus 35th, with a bull calf at foot by Sir Albany 9th. There will also be several choice heifers bred to the \$6,000 Imp. Albany, one of the greatest show and breeding bulls of two countries, that recently has been put at the head of their herd. Some are bred to the grand old bull, Columbus 35th, considered the best living son of Columbus, also King Edward, sweepstakes bull Interstate Fair, 1906, the undefeated bull in class at South Dakota and Nebraska State Fairs, 1904, and Interstate Fair for four consecutive years, also Imp. Passport, the grand champion bull over all breeds and ages, South Dakota State Fair, 1904. Among their best young bulls is Shadeland King, first-prize bull in under year class at the Interstate Fair in 1906. His sire is the noted bull, King Edward, champion bull at the same fair. He is a bull with great promise, has plenty of scale and lots of finish, and no man will go wrong who buys him. Another good one in the offering is Oakland by Sir Albany 9th by Imp. Albany, and his dam is Delight 3d, second-prize heifer Interstate Fair, 1905-6. Oakland is a prospect for a yearling show bull for next year. Sir Admiral by Sir Albany 9th is another good prospect. His dam, Zephyr, is by Free Lance and is a full sister to the great show cow, Delight. Prince Edward is another of the good ones by King Edward and out of Columbus Locket, second dam Imp. Kenswick Locket. They are also offering three choice grandsons of Corrector, sired by Sir Hesiod

#### HIGH GRADE LIGHTNING ROD

Made of pure Lake Superior Copper having the greatest conductivity.  
**ABSOLUTELY SAFE. :: :: SATISFACTION GUARANTEED.**  
A trial will convince. Our prices are right.  
Electric Lightning Rod Co., Market & Vernon Sts., Cresco, Iowa.

#### LANDS AND HOMES FOR SALE

#### STOP TRYING TO MAKE MONEY

on high priced worn out land when you can get the richest land in the world at one-eighth the cost. Land that will make you rich in a few years. We own and control

#### Over 500,000 Acres

in the finest districts in WESTERN CANADA producing from 30 to 50 bushels of No. 1 HARD WHEAT to the acre. These lands are located in

THE FAMOUS SASKATCHEWAN VALLEY,  
THE GREAT QUILL LAKE PLAINS,  
THE GOOSE LAKE DISTRICT,  
THE YORKTON DISTRICT.

Sell your old farm, buy a bigger and better one in Western Canada and put the balance in the bank.

Write for Maps, Descriptive Matter, etc.

#### STEWART & MATHEWS CO., LTD.,

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#### For Sale MILD WINTER

15 Acre Fruit Farm  
SEVEN room house, good barn, water system in the house and over the farm. Two acres in grapes, 1,500 vines, 50 apple trees just beginning to bear, 100 cherry trees, 400 plum trees, currants, gooseberries, black berries, raspberries, one acre one acre strawberries. This land will be sold at a low price. Three-quarters mile from college. Together with such machinery as is used on a farm of this kind. For prices and further information direct.

Smith and Davis, - - - Ames, Iowa

400 ACRES 7 MILES FROM TOPEKA, KANSAS. ONE MILE FROM R. R. STATION, SCHOOL AND CHURCH—230 acres cultivated—30 in alfalfa, 13 in orchard, balance in meadow and pasture with some timothy, clover and blue grass; nice lake. Water system in all buildings; two good houses, one 4 large rooms, other 6; large barn for 10 horses and 35 cows; milk house with cemented floor; two good living rooms in barn; large corn crib with elevator, implement house, hog house, cattle barn, tanks, every thing first class. Land of the very best; \$70 per acre. Immediate possession. Address, A. D. Washburn, Topeka, Kansas.

**Water Turned On Another Tract**  
OF UTAH LANDS that produce the most Alfalfa, Grain and Fruit to the acre in the world. A home that will provide for you in your lifetime, and for your family after you are gone. Water at hand, smiling skies, no droughts or frosts. Will develop and put you on cultivated lands on easy terms. Write, Utah Colonization Co., Pioneer Press Bldg., - - - St. Paul, Minn.

#### FOR SALE

ONE FINE 208 ACRE FARM. Lying at edge of incorporated town. Fine school, good churches. Land is bottom and second bottom land with bottom land that never goes dry. Best stock or grain farm in the state. Price \$50 per acre. Cash \$5,500, balance on terms to suit. - - 5% interest. It will pay you to look after this if you want a farm. Address, J. W. DABBY, FOSTEL, IOWA

**FOR SALE** Finest 400-acre Stock Farm in Central Minnesota. Splendid buildings. Easy terms. Price, \$15,000. Jno. P. Fridley, 250 Houseman Block, Grand Rapids, Mich.

**TO EXCHANGE:** Good 60-acre farm in Wilkin county, Minn.; 488 acres in Hunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

**\$15.00 PER ACRE,** alfalfa, wheat and corn land in central Nebraska. 4,590 acres in one farm near Kearney. Good improvements; will divide, time given. Agents wanted. Address, G. L. Crookham, Kearney, Nebraska.

**Missouri Farms for Sale.** PRAIRIE or bottom land. Write for prices and descriptions. Address, John W. Everman, Gallatin, Missouri. Branch office, Chillicothe, Mo.

**TO EXCHANGE:** Well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**DESIRABLE** farm, 184 A., \$35 per acre; 70 A. under cultivation, bal. meadow, timber, pasture; good buildings; close to school, 3 mi. to Co. seat, 2 mi. from Minneapolis. Louis Benson, owner, Anoka, Minn.

**LARGE** highly improved Eastern Washington farm FOR SALE. Including stock and farming implements. Full information upon application. Revis Brothers, Spokane, Washington.

**\$12.50 PER ACRE** FOR IRRIGATED LAND. Write for free Booklet and information. L. M. DAVIS, PORTLAND, OREGON

by Corrector, out of a Hesiod dam. Their offering of bred heifers are by Columbus 35th, King Edward, Imp. Passport. It is a

Protected by great hills and warmed by almost perpetual sunshine. Lewiston-Clarkston Basin has the ideal climate for profit and comfort. No blizzards. No cyclones. No floods. No malaria. No consumption. No asthma. No serious thunderstorms. At the head of river navigation from Pacific ocean, Lewiston-Clarkston [pop. 12,000] is the commercial and transportation center for an immensely productive fruit, grain, timber & mining territory. Write today for detailed and authentic information about new fruit and vine lands just being brought under irrigation, within mile of city limits. Tracts close to and same lake-bed soil as fruit lands now paying \$250 to \$1000 per acre. Easy terms. Land pays for itself while orchard is growing. Why live amid dreary surroundings, far from neighbors, when a few acres in delightful Lewiston-Clarkston make you independent and prosperous, with all advantages of fine schools, churches, libraries, daily papers, neighborly city activity? Address: DEVELOPMENT LEAGUE, at Emma Lewiston, Idaho or Clarkston, Wash. Send list of neighbors who may move west. Write names and addresses very plainly and kindly mention this paper.

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The Colonial Securities Co., Denver, Colorado.

#### SUNNY SOUTH-EASTERN KANSAS.

THE best place on earth for a home or an investment. 160 acres, \$1,200 cash, balance easy terms; 80 acres, \$800 cash, balance easy terms; 150 acres, \$1,000 cash, balance easy terms; 187½ acre river bottom, half the grain goes with the farm, best land on earth, price low. Snaps of all sizes for those who come out once. Address,

THE ALLEN COUNTY INVESTMENT CO., Longton, Kansas.

#### GOING TO CANADA

SOUTHERN Saskatchewan is the jewel of Canada. Its fine homes, cultivated farms, blooded stock and general thrift mark it as the choicest part of that great empire. From Estevan, just over the line, northwest to Weyburn, is a strip that is renowned for its rich soil, for its good water, and its enormous wheat crops; a place where land must double in price in five years. I want to locate you there. Write me.

C. C. Pugh, 310 Crocker Bldg., Des Moines Ia.

#### Eastern Kansas Lands

LANDS around Topeka in Shawnee and adjoining counties are attractive. We have soil choice farms in this territory to men from all over central states within the last few months. They say better lands, surer crops, better schools, better markets and better in many other respects, yet cheaper in price than around their old location. We have more farms of same kind at \$30 to \$75 per acre. Come and see us or write George M. Noble & Co., opposite postoffice, Topeka, Kansas.

**VIRGINIA** Welcomes the Northern Homeseeker  
No other State offers such opportunities. The climate is mild and healthy, the soil is rich and a little money will purchase a fine place with good buildings and every convenience. Write us. We will answer all questions. You'll wonder why you never investigated us before.  
C. M. BERGH'S SONS & GADE, 1439 Main St., Richmond, Va.

**IF YOU WANT TO BUY,** sell or trade a farm, send full description of what you have or want with 25 cents to The Farmers' Want Journal, Dept. 51, Kansas City, Mo., and we will advertise it before 30,000 buyers and sellers must send you a copy of the paper.

**TO EXCHANGE:** Good 10-room residence, three feed mill, in central Iowa county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

good, first-class offering throughout. Send for catalog to Mr. J. A. Shade, Kingsley, Iowa, and mention The Homestead.

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## Wheat Means Money for You

The more wheat your land will produce, the more money you will have at the end of the year. The reports to the Government for 1906 give an average of twenty-six and one-half bushels of wheat per acre, showing the richness of the

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Send 15c. for our beautiful, new photographic souvenir, entitled "The Lake and the Land of the Last Mountain Valley." We also send Twentieth Century Atlas of Canada.

Maps, descriptive matter, etc., on request.

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307 Northern Bank Building  
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**No. 1525** 360 acres bottom farm, price \$45.00 per acre; 280 acres line for alfalfa and corn; 40 acres growing alfalfa; lots of timber, running water, modern, finely finished house with bath room, piped for hot and cold water, furnace heat, cistern and two wells; barn, 20x38; hen house, corn crib and granary, cow shed, 3 small alfalfa fields, fenced hog tight; 100 acres in pasture, 4 wires; other improvements, 2 miles from Stockton, county seat of Rooks County, Kansas; price \$45.00 per acre.

**No. 1526** 400 acre stock farm, 100 acres suitable for farming, (60 acres in cultivation) frame house 1½ story, 14x18 with ell 10x14; barn, 20x30 ft.; granary and cattle sheds, feed lot and scales, timber and running water; joins the above 360 acres. Price of the 400 acres \$6,000.00. Price of the 780 acres \$22,000. I have 37,000 acres of Rooks Co. land listed for sale from \$8.00 to \$45.00 per acre. Write me for lists and county maps. C. H. Dewey, Stockton, Kan.

**LET ME SELL YOUR FARM, HOME OR BUSINESS.** No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

**GLENN REALTY CO.**  
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## WANTED

Information regarding good farm that is for sale and which can be bought of owner. NO AGENTS NEED ANSWER. Wish to hear from owner only willing to close his own deal and save buyer paying big commission and fancy price to some agent. Address E. W. Hall, care of Leceptor Publishing Co., 355 Lumber Exchange, Minneapolis, Minn.

**SELL YOUR FARM**

If you want to buy, sell or exchange a farm, home or business, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.

Real Estate Salesman Co  
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**FARMERS, READ THIS!**  
If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write us for prices and terms and we will tell you how to get a free ticket to see our lands. Gillilan Bros., 555 Temple Court, Minneapolis, Minn.

**FOR SALE OR EXCHANGE:** 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

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### SECURING 10 YEAR 6% BONDS

Interest payable semi-annually. Principal and interest payable in gold.

The Indian Land-Bond Company has been organized for the purpose of buying lands and giving the investor the opportunity of getting a home in the Indian Territory without running any risk.

These lands are being bought by us with a knowledge as to title and value. We have been connected with this business since the allotting of these lands commenced, and are thoroughly acquainted with the situation and absolutely know what a good title is and how same can be had. Hence we have devised this plan to get you interested in this country.

We will sell you a \$500 bond that bears 6 per cent interest and is secured by 40 acres of good agricultural land. This land is deeded to a trustee who is a man of prominence in the commercial world and well versed in land titles and values. The deed is held by the trustee for ten years, or until you desire to take the land in lieu of the bond, or the company calls your bond in for redemption, in which case the company will pay a premium of 10 per cent in addition to the 6 per cent interest. You have the privilege of surrendering your bond at any time and having the land title transferred to yourself from the trustee, you having the right of selection from all the land in series A.

The greater portion of this land is in cultivation or will be put in cultivation and the rents derived therefrom will more than pay all taxes and interest and at the same time make the lands more valuable as a security proposition.

You are not limited as to the number of bonds you can hold. The more bonds you hold the more interest you draw and the larger the tract of land subject to your option.

If you want a foothold in the best state in the Union at the best figures for this class of lands, investigate this proposition.

These lands will surely double in value long before your bond matures.

## THE INDIAN LAND-BOND CO.

Referred to Atoka Nat. Bank, Atoka, I. T.

ATOKA, INDIAN TERRITORY.

## Last Chance to Buy Cheap Land.

Listen! Wouldn't you rather buy land at \$15 per acre that will produce crops that bring from \$50 to \$300 per acre per year than to pay \$100 per acre for land that will not produce crops worth more than \$15? We are selling land in the

### FAMOUS FALFURRIAS DISTRICT

#### In The Gulf Coast Country of Texas

**FALFURRIAS, TEXAS.**  
Shipped the earliest vegetables; Bermuda Onions, Watermelons and Cotton in the U. S. It is 1,000 miles nearer the consuming markets than California. The soils are a rich, sandy loam, alluvial deposits of some pre-historic water course, underlaid by red, sandy clay, with unusual capacity for holding moisture, and in itself, rich in plant food. Rainfall, The U. S. Weather Report states an average rainfall of 28 inches for the last 20 years. The last few years since 1880 have been cultivated, the rainfall has been 30 inches, sufficient to raise all crops, without irrigation. Artesian water, at 500 to 750 feet, either flowing wells of good capacity, or on higher lands rising to about 10 feet of surface, making it an ideal pumping plant through windmills or gasoline engines. Products of all kinds as Corn, Cotton, Forage, Alfalfa, Vegetables, have been raised successfully and profitably for years. Fruits, such as Oranges, Lemons, Olives, Dates, Grapes, Peaches and Pines are making rapid growth. The Climate is Semi-Arid, no excessive rainfall, no malaria. Dry air, cooled by constant gulf breezes; cool nights, no storms. Ideal climate, good for lung trouble, asthma and catarrh.

That is producing crops that pay \$50 to \$300 per acre each year, and there are no Crop Failures, and the land has doubled in value in twelve months. New towns and railroads are being built, the country is developing. If you buy now you get the benefit of low prices, if you wait the prices will be beyond your reach. Don't wait and then pay a higher price for land. This is an opportunity for you and your family. Land is selling now at

### \$15 PER ACRE.

Come and see our modern and progressive town, speak to our satisfied farmers. We have churches of various denominations, the best schools, good society and a happy prosperous and enterprising community. Do you wish to know more about this wonderful Falfurrias country, the land of Heart's Delight, of Sunshine and Big Crops?

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**A GREAT OPPORTUNITY!** The biggest bargain in land in Kansas. 6,880 acres in Hamilton county, right on main line of Santa Fe railroad. Living water; can all be irrigated from Anity and Frontier ditches. Land is a few miles west of this tract are selling from \$75 to \$100 per acre. A good part of this tract lies alfalfa land. It is only two miles to railroad station and 7 miles to county seat. Good rich soil and nearly every acre can be cultivated. Title perfect. Will sell the whole tract or part of it. Price, \$7.00 per acre. Easy terms. Will double in value inside of twelve months. Hurry, if you want a big farm in the land of sunshine, corn, wheat, alfalfa, fine cattle and hogs. For further information, if you mean business, address: C. E. Foote & Co., Investment Bankers and Brokers, Topeka, Kansas.

### MR. RENTER

STOP MOVING. Buy a farm in St. Louis County, Minn., on terms easier than renting and settle down. Good agricultural land at reasonable prices and easiest terms ever offered. For full information address Land Commissioner D. & L. R. R. Co., 525 Wolvin Bldg., Duluth, Minn.

### LAND ADVERTISING.

For additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

### Canada Wheat Lands.

**PARADISE VALLEY**, Northern Alberta, the finest farming country in the world; wheat runs 60 bushels, oats 100 bushels to the acre; cattle shipped last June averaged 1,600 lbs., fattened on grass. Beautiful park country with clump of trees, mostly open prairie, gently rolling, lakes of good water, ample rainfall, deep black loam topsoil, clay subsoil. A few good agents wanted. \$10 to \$14 per acre, easy payments. Write for maps and route to W. T. Stevens, Manager Paradise Valley Land Co., 214 Endicott Bldg., St. Paul, Minn.

**FOR RENT OR EXCHANGE** 640 Wilkin Co., Minn., about ½ plow land, fair 5-room house, large barn; share rent or will let, for other property, live stock or merchandise. Will give good deal. Box 81, Independence, Iowa.

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. **BAZEL J. MERK,** Chillicothe, Missouri.

Homeseeker, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Meade, Kansas.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

## The CANADIAN West is The Best WEST



THE testimony of tens of thousands during the past year is that the Canadian West is the best West. Year by year the agricultural returns have increased in volume and value and still the Canadian Government offers 160 acres free to every bona fide settler.

### GREAT ADVANTAGES

The phenomenal increase in railway mileage—main lines and branches—has put almost every portion of the country within easy reach of churches, schools, markets, cheap fuel and every modern convenience. The ninety million bushels of wheat crop of this year means \$10,000,000 to the farmers of Western Canada, apart from the results of other grains as well as from cattle.

For literature and information address Superintendent of Immigration, Ottawa, Canada,

or the authorized Canadian Government Agent, W. V. Bennett, 501 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 815 Jackson St., St. Paul, Minn.

## Free OUR ILLUSTRATED PAMPHLET OF NORTH DAKOTA...

Containing bonafide letters from actual settlers also statement from commissioner of agriculture—all about the new Rulandis, etc.

All west bound trains are crowded with prospective buyers and actual settlers.

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Excursion rates every Tuesday during March and April.

Remember there is but one crop of land and a child born every minute—where will the price be 10 years from now?

Think it over and Write TODAY.

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## BEFORE COMING TO WASHINGTON IDAHO OR OREGON LOOK UP

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Unusually Low Railroad Rates in March and April.

Mild climate; superb scenery; fine hunting and fishing; rich farms, orchards, gardens; immense yields of grains, grasses, apples, peaches, grapes, melons, berries; live stock, dairying, poultry; mines, timber. Five new railroads. Growing cities. Head of all-year navigation from Pacific Ocean. Manufacturing and jobbing. Investment opportunities. Good schools and churches. For free information write today to Department D. LEWISTON-CLARKSTON BUREAU, Lewiston, Idaho.

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## Western Canada Farm Lands

ELEVEN thousand acres personally picked in small parcels out of 300,000 acres—all number one—well settled districts near main lines railways. Easy terms of payments. Address,

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WRITE ME FOR IT.

**ASBERRY SINGLETON,**  
Gladstone, Manitoba, Canada

## OKLAHOMA LANDS

FROM \$15 to \$40 per acre that will grow more crops and make more money than the best lands in Iowa, Nebraska or Missouri. Map and information free.

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OKLAHOMA CITY, OKLAHOMA.

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

**FOR SALE OR EXCHANGE:** 300 acres Mer cer county Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 131, Independence, Iowa.



## Dates Claimed for Live Stock Sales

SHORT-HORNS, ABERDEEN ANGUS AND  
HEREFORDS.

May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

April 3, T. A. Stevenson and S. G. Smith, Shannon City, Iowa.  
May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

April 2, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.  
April 10, F. W. Harding, Waukesha, Wis.  
April 11, Combination Sale at Nevada, Iowa; E. R. Silliman, Mgr., Colo., Iowa.  
April 12, R. A. Coffey, Mgr., Savannah, Mo.  
April 22, Geo. Bothwell, Nettleton, Mo.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
April 30, M. T. Conner, Auburn, Neb; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
April 30, S. J. Cochran, M. T. Conner, Auburn, Neb.  
May 8, A. Chrystal, Marshall, Mich.  
May 22, R. H. Hadley, New Providence, Ia.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 14, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 16, L. B. Converse, Maryville, Mo.  
Oct. 29, John Rasmussen, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.

## HEREFORDS.

April 3, Kansas City, Mo., D. R. Mills, Mgr., Des Moines, Iowa.  
April 3, Stanton Breeding Farm Co., Madison, Neb., and Edmonds, Shade & Co., Kingsley, April 4, Geo. J. Anstey, South Omaha, Neb.  
April 4, W. G. Swinney, Bois D'Arc, Mo.  
May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
June 18, Hood & Baker, Dunlap, Iowa.

## DUROCS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.

## POLAND CHINAS.

Nov. 6, W. J. Crow, Webb, Iowa.

## PERCHERONS AND SHIRES.

April 2, Jas. A. & S. E. Nible, Milan, Mo.

## FIELD NOTES.

Mr. A. F. Hagar, of Avoca, Iowa, is offering Hereford bulls for sale.

Mr. Carl Hansen, of Herman, Neb., has a few good Duroc Jersey boars for sale.

Mr. N. A. Lind, of Rolfe, Iowa, is offering some excellent young Scotch bulls for sale.

Mr. G. C. Harrison, of Blencoe, Iowa, is offering a few good Percheron stallions for sale.

Ten head of Junior Jim gilts are offered for sale by Mr. Austin Renshaw, of Blair, Neb.

Polled Durham bulls are offered for sale by Messrs. James Wilson & Son, of Avoca, Iowa.

Proud Advance and Orion boars are offered for sale by Mr. F. E. Garrett, of Lohrville, Iowa.

Registered Shropshire rams and ewes are offered for sale by Mr. Willard Miller, of Anita, Iowa.

Three nice young Scotch bulls are offered for sale by Messrs. C. W. Dows & Son, of Harlan, Iowa.

The Ardmore Stock Company, of Holstein, Iowa, have some good Scotch and Scotch-topped Short-horn bulls for sale.

An excellent three-year-old Clydesdale stallion is offered for sale by Mr. Luban Harrison, of Prescott, Iowa. He is a bargain if taken soon.

Mr. Geo. Mutch, of Elroy, Wis., has been a breeder of Short-horns for several years and now has some good Short-horn bulls which he is offering for sale at very low prices in his advertisement on this page of this issue of The Homestead.

Mr. J. W. Briggs, of Alden, Iowa, breeder of Duroc Jersey swine, advises us to discontinue his bred sow advertisement, as he is all sold out and cannot keep the inquiries answered. His new advertisement appears on page 30 of this issue.

Three splendid Clydesdale stallions are offered for sale by Mr. A. Bailcy, of Anita, Iowa. These are first-class horses and can be bought for less money than at any of the large importing firms. If you want a No. 1 Clyde stallion, go and see these horses.

Hereafter when you conduct business with Messrs. Chandler Bros., the noted Shropshire breeding and importing firm of southern Iowa, bear in mind that they now have headquarters at Chariton, Lucas county, Iowa, having moved there from Kellerton, Iowa. They are now in a fine location, with excellent facilities for shipping and are prepared better than ever to satisfy the wants

of their trade. When writing them, kindly remember the change of address.

Short-horn bulls and Duroc Jersey sows are offered for sale by Mr. Jas. T. Dollison, of Sac City, Iowa.

Mr. U. G. Davidson, of Manson, Iowa, has a few good Crimson Wonder 1 Am gilts for sale, and the prices on these are right.

Mr. Ernest Funke, of Greenfield, Iowa, offers four young Scotch bulls for sale. Two are Victorias, one a Miss Ramsden and one an Acanthus. He is pricing these right.

Suffolk fillies are offered for sale by Messrs. Peter Hopley & Son, of Lewis, Iowa. They also have a grand lot of Percheron, Shire, Suffolk, Belgian and German coach stallions for sale.

The Short-horn sale of Mr. A. B. Clark, at Wayne, Neb., is booked for June 19th, at which time he will sell forty head of choice cows, heifers and young hulls. He will put in one of the best lots of bulls in this sale that has ever come from his herd.

Percherons and French draft stallions and mares and Kentucky and Missouri jacks are offered for sale by Mr. C. T. Gollehon, of Blair, Neb. He has some of the best jacks in Nebraska and is making a great reduction in price, when you consider what the same quality will cost elsewhere.

A representative of The Homestead recently called on Mr. W. J. Davis, of Blockton, Iowa. Mr. Davis has a number of good jacks and jennets that will do any one of our readers good who is desirous of securing a good animal. Many of the jacks and jennets are tried and are right in every way; a good bunch throughout.

Messrs. Cookson Bros., of Downling, Iowa, are offering a superior bunch of Scotch Short-horn bulls sired by Young Commodore, the grandest Scotch Short-horn bull they have ever used. An opportunity is offered by Messrs. Cookson Bros. for someone to get a choice herd header of the richest Scotch breeding known to the breed.

Mr. H. S. Allen, of Russell, Iowa, is offering Duroc Jersey fall boars for sale, sired by two of the most noted boars living, Crimson Wonder Again and Top Notcher Again. If in need of a boar containing the bluest blood known to the breed and having size and quality, the reader had better write about these. They will be priced worth the money. See advertisement on this page.

A splendid lot of red Cruickshank Short-horn bulls are advertised on page 29 by Messrs. S. H. Thompson's Sons, of Iowa City, Iowa. This is one of the oldest firms in the state of Iowa breeding high-class Scotch Short-horns. The bulls referred to have been recently inspected by one of our representatives, who pronounces them a good lot and worthy of finding homes and doing service in good herds of Scotch cattle.

Messrs. Allen Bros., of New Sharon, Iowa, have a half-dozen splendid strong-boned, vigorous Aberdeen Angus hulls ready for service, among which is a beautifully-bred Queen Mother that should be doing service in a good Angus herd. This firm will be pleased to make prices on the above bulls which will surprise Homestead readers, considering the quality of the bulls offered. We take pleasure in recommending this firm, whose advertisement will be found on page 28.

Mr. W. H. Jones, breeder of Poland China hogs, of Clemons, Iowa, writes: "I am about sold out of bred gilts, only have two to spare and they are good ones; will weigh about 300 pounds. We are now offering four nice fall boars of August and September farrow that will weigh around 140 pounds and are sired by Standard Perfection and Baraboo, and they are the tops of our fall boars and have the making of fine, large hogs that will do for service now. They have size, not fat, and we are pricing them very low; \$20 will buy them if taken soon."

Mr. C. F. Shafer, the well-known Poland China and Short-horn breeder, of Wellman, Iowa, writes that he has been having a big trade, having shipped stock into thirty-four states and one territory. Recent sales: "Male and sow pig to Mr. M. S. Milne, Leesburg, Ohio; sow pig to Mr. O. M. Spitzer, Grafton, Ohio; sow pig to Mr. W. E. Phillips, Ellendale, N. D.; three sow pigs to Mr. W. A. Mowry, Amsden, Ohio; male pig to Mr. Thos. A. Starrett, Dow City, Iowa; sow pig to Mr. Wm. Flaud, Forest, Ohio; one male and two sow pigs to Mr. Geo. E. Stupfel, Mazomanie, Wis.; male pig to Mr. Clellan A. Finley, Homer, Mich.; two gilts to Mr. H. O. Ward, Lamont, Iowa; two male pigs to Mr. T. C. Faucett, Sanford, Colo.; three sow pigs and one male to Mr. James Smith, Eureka, Wyoming; male pig to Mr. A. Lawson, King City, Mo. Am offering a nice lot of fall pigs at farmers' prices to make room for spring crop. My pigs have nice, black coats of hair, have good length, broad, wide backs, heavy bone with fine head, ear and nose. They are sired by G's Perfection Jr. and Black Chief. If you are looking for a bargain write me, as I can please you. In Short-horns I have a choice lot of low-down,

thick-fleshed, blocky bulls that I am selling at very low prices. Also a select lot of young heifers, all reds."

Mrs. George Tutt, of Marathon, Iowa, in furnishing copy for her advertisement offering Black Langshaan cockerels and eggs for sale, that appears on page 15, writes: "I have been having very good results from my advertisement in The Homestead; have shipped eggs to California, Illinois and all parts of Iowa this season. I have some good cockerels yet for sale at a very reasonable price."

Regarding the stock that will be consigned by the Sugar Grove Farm to the joint Short-horn sale at Savannah, Mo., April 12th, Mr. J. W. Zimmerman, proprietor, writes: "My part consists of good young stuff, ten head in all. The oldest will be three years this spring, and the others are coming two and one year. Their dams are such cows as Fancy Sharon, Goodness of Durham Home, and Verhena 3d, got by Victor 120646. The offering is sired by Pilot (204620) got by Violet's Galahad (139816) and also by Victor (128234) by Combination 2d (114815)." Write for catalog to Mr. R. A. Coffey, Mgr., Savannah, Mo.

Mr. M. V. Leeper, of Redfield, Iowa, in furnishing copy for his advertisement, found on page 15 of The Homestead, writes: "The stock which I am offering includes my breeding pens, which contain all my prize-winning hens and pullets. This last season at Lohrville, Iowa, November 27th to December 1st, with Mr. Warnock as judge, I won first, second, third, fourth and fifth on cockerel; first, second, third and fourth on pullet, first on hen and first on pen. I made this winning on twelve birds in a class of 113 Barred Rocks and against some of the best breeders in north central Iowa. In Bronze turkeys I certainly can please those who wish heavy weight, high-scoring birds. The tom that heads my flock this

# HARDING'S SALE SCOTCH Short-horns

WAUKESHA, WIS.,  
..... APRIL 10, 1907 .....

10 young bulls in sale that are strictly breeders' bulls, combining showyard quality and rich breeding.

5 Imported cows of Cruickshank and Marr families.

20 Scotch cows and heifers, all good ones, 5 with heifer calves at foot and others due before sale.

Also a few bred "straight, crooked and crosswise," Scotch blood predominating.

Nearly all the females in calf to my great bulls, Whitehall Sultan, Whitehall King, Anoka Sultan and Red Sultan. Attend this sale if you are interested in the best class of Short-horns. I am selling show cattle and the blood that is producing a majority of the show cattle. Illustrated catalog on application.

**F. W. HARDING,**  
WAUKESHA, WISCONSIN.  
Cols. Woods and Bellows, Auctioneers.

## TOO LATE TO CLASSIFY.

## Crimson Wonder Again, 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1906, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,

H. S. ALLEN, - - - RUSSELL, IA  
On main line C. B. & Q. R. R.

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Masdam & Wheeler, Fairfield, Iowa.

BACH GROVE STOCK FARM.  
F. M. ZENOR, WOOLSTOCK, IOWA

— Breeder of Short-Horn Cattle. —  
Families represented: Princess Royal, Duchess of Gloster, Mysie, Roan Bess, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804.

## HELLO! MR. BREEDER

COME and see our Short-horn bull calves at \$50 a piece. You'll take one home sure. Address, GEO. MUTCH, - - - ELROY, WIS.

season weighs forty-five pounds and scored 96 points; pullets and hens weigh seventeen to twenty-four pounds, none of which will score under 95 points."

Eggs from pure-bred White Wyandottes are offered for sale by the Forest Home Poultry Farm, Box 253H, Audubon, Iowa. They also have White Holland turkey and Toulouse geese eggs for sale. You can rely on this firm to do as they say they will. They have the stock and it is all right.

Messrs. Whisler Bros., in continuing their advertisement found on page 15 of The Homestead, write: "We have only five Mammoth Bronze toms left and we will cicee them out at a bargain. They are all scored, scoring 95½, 95, 95¼, 95¾, 94¾, and weigh from twenty-five to thirty pounds. They have large bone and good markings."

Below we print a letter from a well-known stallion importing establishment in Illinois, Messrs. Taylor & Jones, of Williamsville. It indicates something of the popularity of the horses sold by this firm: "We are pleased to say our new importation of horses is doing fine, every horse being on his feed. Mr. T. J. Cummins, of Rose Hill, Ill., the first buyer to come after their arrival, got a show horse in Ware's Warrior, a great winner in England. Mr. J. A. Cowdery, of Lyons, Kan., got a grand good one out of our new importation. This is the fourth stallion Mr. Cowdery has bought of us in six years. He bred 700 mares last year, so it takes a good one to suit him. Mr. Curtis C. Neal, of Allerton, Ill., bought an imported Shire of us last December and in a short time had his hook full for the season at \$25, so he came back last Monday and bought an American-bred Percheron to stand with the Shire. Mr. M. D. Shull, of

## COMPLETELY SOLD OUT BY HOMESTEAD ADVERTISEMENT.

ALL INQUIRIES BUT TWO CAME FROM HOMESTEAD PUBLICITY—  
STOPS HIS INEFFECTIVE MEDIUMS AND WILL REMAIN WITH  
THIS PAPER PERMANENTLY.

Mr. A. C. Lanham, the well known breeder of Poland China swine at Battle Creek, Iowa, writes:

"I am completely sold out of bred sows. I have shipped them all over Iowa and into several of the adjoining states, every animal either going into a pure bred herd or for the foundation of a herd. We had our advertisement in two other papers, but The Homestead did the selling. We received but one inquiry each from the others, so had our advertisement stopped in them. As long as we raise pure bred hogs we shall do business with the old reliable Homestead."

**FARMERS  
HANDY  
WAGON**



Low steel wheels, wide tires, make loading and handling easier. We furnish Steel Wheels to fit any axle, to carry any load. Straight or staggered spokes. Catalogue free.

EMPIRE MFG. CO., Box 103 F Quincy, Ill.



## Public Sale of

**SHORT-HORN  
CATTLE**

TO BE SOLD ON

**Thursday, April 11, 1907,**

At the Fair Ground at

**NEVADA, : : IOWA****40****The undersigned will sell on April 11th,  
40 head well selected Short-horn Cattle****40****:: AS FOLLOWS ::**

E. R. Silliman, of Colo, Iowa, sells 11 head of females, 7 being the Oxford Duchess family. A. J. Graves & Son sell 11 head, 7 cows and 4 bulls. C. E. Klump sells 10 head, 7 cows and 3 bulls. Wilkening & Shaw sell 4 bulls. S. S. Kooser sells one cow and calf, and Patrick Mulcahy sells 2 bulls. This will undoubtedly be an opportunity to buy some good Short-horn cattle cheap. All of the above breeders are residents of Marshall and Story counties and have placed these cattle in the hands of Mr. Silliman, of Colo, Iowa, who will act as sale manager. Al P. Mason, auctioneer. In writing E. R. Silliman for catalogs, kindly mention The Homestead.

Beason, Ill., was here Monday and bought an excellent American-bred Shire."

Mr. M. G. Arnold, breeder of Poland China swine, of Strawberry Point, Iowa, whose advertisement appears on page 30, writes: "Our herd is in fine condition and sows are doing well farrowing. Sales of bred sows continue very good, giving good satisfaction and getting many letters of recommendation. We still have a few extra good sows bred to our great Justice and On Up for sale; will make low price to move them, for we need the room. I will now offer for sale our good herd boar, Justice by Corrector and out of U. S. Lady, she winning first at Illinois and Iowa State Fairs. Justice is a large, smooth hog and a great breeder. He is good enough to win and is the sire of sure winners. We have used him extensively for two years and cannot use him longer to advantage. He is of good disposition and guaranteed all right in every way. He has perfect head and ear, good back and hams, good bone and feet, extra fine smooth coat. Will price him for less than one-half his worth."

**LARGE, IMPROVED ENGLISH YORKSHIRES.**

Anyone wanting large, improved English Yorkshire sows or boars should write Mr. Fred Rabeller, of Leigh, Neb. He has one of the best herds in this country and he can sell you choice sows or boars at very reasonable terms.

**SHORT-HORN BULLS FOR SALE.**

Mr. Alec Campbell, of Botna, Iowa, is one of the well-known Short-horn breeders of Shelby county who has built up an excellent herd of cattle and each year has something good to sell. At the head of his herd is the splendid Scotch bull, Nonpareil Boon, a son of the noted bull, Imp. Nonpareil Victor. The dam of Nonpareil Boon was Viola May, as good a cow as was ever in the state of Iowa. This bull stands today among the few foremost bulls in the state. He is better today than ever before, and he is certainly doing good work in the Campbell herd. He will now weigh over a ton and is a solid red in color. He is a smooth, even bull from end to end. His head and horn are all that could be desired, with a wide open countenance and strong bull character. Behind it all is a body that all breeders are seeking. With a smooth shoulder, a fullness of heart girth, a nice level back and a good spring of rib, he has a right to be classed among the best bulls in the state. He is the sire of most of the young things on the farm, and they do not impair his reputation when you look them over. Just now Mr. Campbell has a few good young bulls for sale, two of which are straight Scotch. One of these

is a Duchess of Gloster and the other is a Secret. He has a splendid Scotch-topped Arabella, sired by Nonpareil Boon, that is also worth looking at. Another he calls Roan Marcus, by a bull called Gladstone and out of a daughter of Imp. True Briton, is also one of the good young bulls that he offers for sale. It will pay anyone wanting Short-horn bulls to go and see Mr. Campbell and at the same time take a look at his herd.

**LAST CALL FOR JAS. A. & S. E. NIBLO'S HORSE SALE.**

On next Tuesday, April 2d, Messrs. Jas. A. & S. E. Niblo, of Milan, Mo., will sell their entire stud of Percheron and Shire stallions and mares. Messrs. Niblo are breeders and as they are leaving the farm they must sell their horses. The man hunting a high-class stallion or brood mares should not overlook this opportunity. See page 31 for their last announcement and arrange to be at Milan on Tuesday if wanting stock of this sort. The sale will be held in Milan. Col. Bob Harriman will do the selling.

**PERCHERON MARES FOR SALE.**

Messrs. L. H. Humbert & Son, of Corn- ing, Iowa, write as follows: "We have done a good horse business so far this year, and still have a few choice stallions and Percheron mares for sale, which we will price right. We have sold horses to go to Idaho, Montana, Wyoming and Nebraska, and they have given the best of satisfaction. We have just sold Mr. Jesse Golder, of Scribner, Neb., a splendid, imported, coming three-year-old stallion. This makes three head we have sold him in four years. This last colt will make a 2,200 to 2,300-pound horse. Just say to Homestead readers that we have some grand good stallions and mares left, and now is the time to buy. We would like to have them come and see our horses."

**THE MINNEAPOLIS, MINN., SHORT-HORN SALE.**

Mr. H. F. Brown, proprietor of the Browndale herd of Scotch Short-horns, at Minneapolis, Minn., announces on this page his sale of grand Scotch-bred males and females to take place in that city April 9th. Sale to commence at one o'clock and no postponement on account of weather. This is the twenty-eighth annual sale held from this herd and it will be safe to say it will be one of the best. The offering is healthy in every way and in splendid shape to take into any herd. Mr. Brown has spared no amount of printer's and artist's skill to put forth the merits of the offering in a way that should appeal to conservative people. Over a score of half-page illustrations taken from actual

**DAVISS COUNTY**  
**Short-horn Breeders Association Sale**  
**At Galatin, Mo., Friday, April 5th, 1907**

**35 12 Bulls, 23 Cows and Heifers 35**  
**Scotch and Scotch Topped**

C. J. Feurt, of Pattonsburg, Mo., disperses his entire herd, consisting of seven bulls and nineteen cows. The other consignors are R. E. Maupin, Pattonsburg, Mo.; J. V. and Geo. Goodbar, Gallatin, Mo.; and Chas. Smiley, Gallatin, Mo.

Two sample pedigrees are herewith submitted. Others will appear next week.

**NELLIE, OF MAPLE HILL**

**COW: Red, Calved Sept. 25, '02, owned by C. J. Feurt**

Got by Barmpton Prince 128334

Nellie Maud.....Scottish King 100743  
Prairie Girl.....Ducal Crown  
New Year's Morn.....Julius 56646  
Imp. Eliza.....Sherwood

**BULL: Roan, calved April 16, '06, bred and owned by R. E. Maupin**

Got by Skyrocket 20237

Miss Orange 4th.....Golden Sympathy 151656  
Miss Orange 2d.....Combination 114814  
Miss Orange.....Orange Blossom Perfection 71000  
Orange B. of Oakland.....Imp. Antiquary 146774  
Imp. Orange B. 30th.....Pride of the Isles 35072

Those wanting good, useful cattle will find this an excellent opportunity. We intend to make this an annual event and each breeder stands behind the cattle he sells. Write for catalog.

**Col. Bellows, Marysville, Mo., and Col. J. T. Lee, Pattonsburg, Mo., Auctioneers**

**R. E. MAUPIN, Manager,**  
**Pattonsburg, - - - - - Missouri**

Gallatin is on main line Rock Island, Mo. and Omaha. St. Louis line of Wabash.

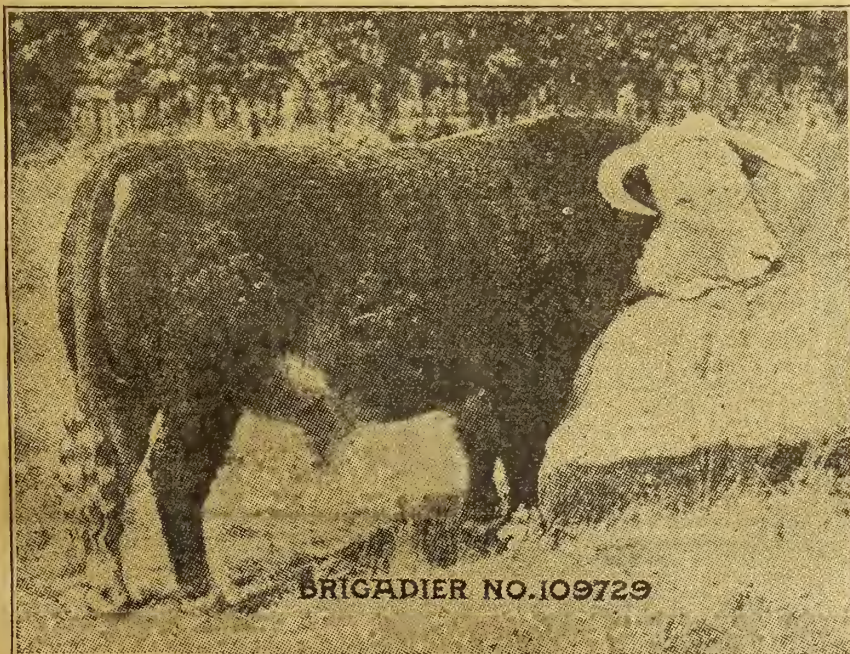
**28TH ANNUAL SALE OF**  
**SHORT-HORNS**

**From Browndale Farm Herd at Minneapolis, Minn., April 9th.**  
**45 HEAD --- 35 FEMALES --- 10 BULLS**

All Scotch sale, including six imported cows, ten cows with calves at foot, many show cattle of all ages. Bulls fit to head any good herd. Freight prepaid on all car load purchases. Send for illustrated catalog showing actual photographs of this great offering, mentioning this paper. Address,

**H. F. BROWN, - MINNEAPOLIS, MINN.**  
**COLS. WOODS, BELLOWS AND WALKER, AUCTIONEERS.**

F. W. Harding sells at Waukesha, Wis., April 10th and parties can attend both sales.



**BRIGADIER NO. 109729**

**The Double Anxiety 4th, First Prize Winner at the American Royal.**

At the W. G. Swinney dispersion sale of the famous Clover Leaf Herefords, at Kansas City, Mo., stockyards sale pavilion, next Thursday, April 4th, a splendid lot of sons and daughters of Brigadier will go on the block, also a number of daughters of Beau Brummel and other fashionably-bred females in calf to him. This sale is given in connection with the joint breeders' sale, April 2d to 4th, when 175 head of high-class Hereford and Short-horn cattle will be sold to the highest bidders.

photographs embellish the pages and present in a grand fashion the individual merit of the numbers contained therein. Nine grand cows with calves at foot comprise the most of the offering of mature females. Their breeding should suit the most aristocratic. They include Sinnissippi Rose by Ceremonious Archer, with an October bull calf sired by Gladstone 239313, and Imp. Rosemary 2d got by Beau Ideal (138594) with a white bull calf dropped in January and got by Lord Butterfly 206975. Another, of show type, is Lady Winnifred 3d, tracing to Imp. Lily. She has a young roan bull calf at foot sired by Whitehall Count 209775, and Bessie of Glencoe, a straight Scotch, with a heifer calf at foot to the service of Prize Archer 270695. These few are selected at random. They are not all the best. There will be some cows well along in calf to last fall's service by the herd bull, Young Nominee 168433, got by Nominee 131262. Most of the sale offering is bred to this grand bull, which from the standpoint of breeding and merit stands in high-class company. The heifers are well sired and by such bulls as Whitehall Archer, Imp. Pride of Scotland, Golden Scotchman and others. The bulls are a sappy, blocky bunch from all appearances and many are got by the above mentioned bulls. They are all worthy of a good place and they have the breeding and individual superiority to warrant high hopes for their future. Special inducements are offered to

**Percherons and Belgians**

**I Have the Largest  
and Best  
IMPORTED  
Percheron and  
Belgian Stallions  
In America.**

Prices, \$1,000 to \$1,400; mostly \$1,000 to \$1,200 each. New importation of German Coachers arrived Mar. 12, 1907, \$1,000 each. Write for photo of fifty head. Address,

**CEDAR RAPIDS JACK FARM,**  
**Cedar Rapids, - - - Iowa**  
Please write for photographs of stock.

buyers from a distance in prepaid charges on a number of head. The location of the sale allows of easy access. If you want a good Scotch cow with calf at foot, a choice-bred heifer in calf to the grand Young Nominee or a splendid young bull, attend this sale. Send for the elegant catalog and mention The Homestead.



LAST CALL

# KANSAS CITY NEXT WEEK APRIL 2d-4th

175 HIGH CLASS HEREFORDS and SHORTHORNS at AUCTION


**TUESDAY, APRIL 2d,  
SHORT-HORNS**
**FROM LEADING HERDS OF FOUR STATES  
PURE SCOTCH AND SCOTCH TOPPED  
20 Superb Bulls, Many Females**

 Consigned by David Jay & Son, Blakesburg, Ia.;  
C. B. Claypool, Marshall, Ill.; Jason Kinney & Son,  
Liberty Bell Herd, Hamilton, Mo.; W. A. McMehe,  
Walnut Grove, Mo.; John Regier, Whitewater, Kan.;  
R. J. Conneway, Elk City, Kan., and others.

**SWINNEY  
DISPERSION  
APRIL 4th  
10 A. M. to 5 P. M.**
**WED., APRIL 3rd  
HEREFORDS**
**25 CHOICE BULLS and 40 SPLEN-  
DID FEMALES**

 Consigned by Schain & Berg, Atlantic, Ia.; Chas.  
Feagan, Charleston, Ill.; Clarence Dean, Weston,  
Mo.; Chas. H. Hartung, Van Horne, Ia.; G. V. Bu-  
chanan, Sedalia, Mo.; Holman & Likens, Everton,  
Mo.; H. L. Libbey, La Plata, Mo.

**THUR., APR. 4th W. G. SWINNEY'S DISPERSION CLOVER LEAF HEREFORDS**  
 66 HEAD. ONE OF THE GREATEST HERDS OF ANXIETY 4th HEREFORDS IN AMERICA. 5 DAUGHTERS OF BEAU BRUMMEL  
 17 splendid bulls, including the \$1,600 Dale Jr. 49 Choice Females; 19 cows with calves, 40 cows in calf to the 1st Prize Brigadier and Dale Jr.

CATALOGS APRIL 2 and 3 SALES, D. R. MILLS, DES MOINES, IA. CATALOGS SWINNEY SALE: W. G. SWINNEY, BOIS D'ARC, MO., or D. R. MILLS, DES MOINES, IA.

## Last Call for the Clover Leaf Hereford Dispersion.

On next Thursday, April 4th, at the fine stock sale pavilion at Kansas City, Mo., there will be held the greatest sale of Herefords that has been held for some time. It is the dispersion of the Clover Leaf herd, owned by Mr. W. G. Swinney, of Bois D'Arc, Mo. As we have said before in these columns, the Clover Leaf herd is undoubtedly one of the greatest herds in the country, both from the standpoint of individual excellence and breeding. More daughters and granddaughters of that great sire, Beau Brummel, have not in some time been offered at any price, and another such an opportunity will not soon be found, as the men who own daughters of Beau Brummel are not pricing them. The five that go in the Clover Leaf dispersion are all good and each one is an attraction. In addition to these Beau Brummel cows there will be a great lot got by Brigadier, one of the best sons of Lamplighter and out of an Anxiety cow. Of the twenty-six cows that sell nineteen have calves at foot and all but one or two are rebred. These are mostly bred to Brigadier. The others are bred to Dale Jr., a bull that has made such a good cross on the get of Brigadier. A better opportunity to buy good breeding stock that is bred right and is individually right will not soon be found. It is only at dispersion sales that such stock as is found in the Clover Leaf herd is sold, and now is the time to buy, as these good cattle are just on the verge of a raise that will show the man who has them a nice profit. The bull buyer should not overlook this opportunity, as Mr. Swinney sells eighteen head of as good ones as are often found. They weigh from 1,200 to 1,500 pounds and all but Dale Jr., the herd bull, are yearlings. One, Recorder, a yearling son of Dale Jr. and out of one of the Beau Brummel cows, is a herd header proposition such as is not found every day. In fact Mr. Swinney thinks him the best bull ever raised at the Clover Leaf Farm. Dale Jr. has proven a great sire and some man hunting a proven herd bull should look to him. In conclusion we want to say to every man who is in the market for good Herefords that are bred along such lines that they produce and reproduce, to be on hand at Kansas City, April 4th, as you will not be disappointed. See this page for the last announcement of the Clover Leaf dispersion and arrange to be there.

## Short-horns and Herefords at Kansas City.

Sale Manager D. R. Mills, of Des Moines, Iowa, sends in the last call for the great Hereford and Short-horn sales to be held at the stock yards, Kansas City, Mo., April 2d and 3d, and to be followed April 4th by the dispersion sale of the famous Clover-leaf Herefords, owned by Mr. W. G. Swinney, of Bois D'Arc, Mo. The Short-horns will be sold April 2d, the principal consignors being Messrs. David Jay & Son, Blakesburg, Iowa; C. B. Claypool, Marshall, Ill.; Jason Kinney & Son, Liberty Bell herd, Hamilton, Mo.; Jno. Regier, Whitewater, Kan.; W. A. McMehe, Walnut Grove, Mo.; R. J. Conneway, Elk City, Kan., and others desiring to join. There is yet time to enter a few if communication is at once established with Mr. D. R. Mills, of Des Moines, Iowa, or Union Stock Yards, Kansas City, Mo., after March 29th.

## Herefords.

Following the Short-horn sale of April 2d at the Kansas City Stock Yards, Mr. D. R. Mills, sale manager, of Des Moines, Iowa, will hold an attractive Hereford sale in the same place. The principal consignors are Messrs. Schain & Berg, Atlantic, Iowa; Chas. H. Hartung, Van Horne, Iowa; Clarence Dean, Weston, Mo.; Chas. Feagan, Charleston, Ill.; G. V. Buchanan, Sedalia, Mo.; Holman & Likens, Everton, Mo.; H. L. Libbey, La Plata, Mo., and others. Buyers can arrange to attend this sale and remain over for the Swinney dispersion of the Clover Leaf Herefords in the same place the following day. These sales will take place at the Kansas City Stock Yards and will be the last great sales of the season at Kansas City. For catalogs address Mr. D. R. Mills, at Des Moines, Iowa, up to March 29th, and thereafter in care of the stock yards at Kansas City, Mo. Look up his advertisement on this page.

A Prominent Short-horn Sale May 22d.

In our date claim column will be found

## DeClow's Got 'em

**The Largest and Best  
JACKS  
IN THE WORLD**

 And the largest number  
to select from and at the  
lowest prices.

Please write for photographs of stock.

**CEDAR RAPIDS JACK FARM,  
Cedar Rapids, Iowa**


the name of Mr. R. H. Hadley, of New Providence, Iowa, who has claimed May 22d for the sale of some forty-five Short-horn cattle at his farm adjoining the town of New Providence. We wish to state that Mr. Hadley has associated with him several of his fellow breeders in the community who are contributing from six down to two head each, while Mr. Hadley himself is selling twenty-five head of most excellent Short-horn cattle. With no disposition to enter into detail at this time, we would like to mention the fact that if there is anyone in need of a good Scotch herd bull that has been tried and proven, Mr. Hadley will offer such a bull in his beautiful roan bull, Golfman 2d 247994. This Scotch bull was bred by Mr. Stutzman, of New Sharon, Iowa. He is, of course, sired by the greatest breeding bull in Mahaska county, old Golfman, and is out of Melba 2d, she by Fearless Archer, her dam being Imp. Melba. Mr. Hadley is keeping some of the get of this bull and has been placed under the necessity of securing another Scotch bull to breed these heifers to, and after this sale the herd will be so diminished that the one bull will answer every purpose for the limited number of Short-horns left. In due time particulars relative to this offering will be found in the columns of The Homestead. Mr. Hadley is a thorough gentleman and is conducting a small but practical herd of the useful type of Short-horn cattle. We take this method of introducing him to Homestead readers preparatory to the forthcoming sale.

**Hendershot Will Make Special Prices on  
Good Jacks and Stallions.**

Mr. O. P. Hendershot, of Hebron, Neb., wishes to say to those interested in a good Kentucky-bred jack or a good ton stallion that he has the best offering on hand at present that he has ever owned. His recent public sale was a decided success and those sold went at very satisfactory prices. He still has some extra good individuals left and will be glad to pay any prospective buyer's way to Hebron and return if they are not just as he represents them. He has on hand at present about twenty good jacks that he will price worth the money if taken at once. His present bunch of Percheron stallions are of the ton, wide-as-a-wagon kind, good movers and are as sound as a silver dollar. The offering is of an age that is profitable to buy for the farmer who wants to own his own horse or for the company. We can cheerfully recommend anyone who is in the market for a good jack or stallion to call at Hebron and look this bunch of good ones over, as we feel that Mr. Hendershot can fill the bill for you as good as anyone in this business.

**Poland China Brood Sows at Private  
Sale.**

We wish to call the attention of those interested in good Poland China sows to the advertisement of Mr. E. H. Andrews, of Kearney, Neb. He is offering about forty head of richly-bred sows of the large type at reasonable prices and those interested should get in touch with Mr. Andrews at once. He has several daughters of the great Chief Perfection 2d, and others are by Top Chief, Perfection Grand, Ideal Tecumseh, Chief Tecumseh 3d and other noted boars. These sows are mostly mated with Immense 113111, a prize winner at the Ohio State Fair, and is a hog with much style and finish. Others are bred to his great breeding boar, Perfection Grand 33638. If you are looking for something in this line you might do well by writing Mr. Andrews and find out what he has to offer.

**THE ENTIRE HERD OF**

## Red Polled Cattle

**Owned by W. H. Smith, Chillicothe, Ohio.**

will be sold at public auction at the

**Chicago Union Stock  
Yards, April 4, 1907**

This herd won fourteen prizes at the Chicago International in 1904, including three championships. It contains some of the best females of the breed in this country. Many high records at the fair have been made by its members. Here is a rich opportunity to secure some choice individuals of this breed. Write for catalog to

**GEO. H. SMITH  
CHILLICOTHE, OHIO.**
**CAREY M. JONES, Auct. -:- GEO. B. BUCK, Mgr.**

The Borden Stock Farm Dispersion of Red Polled cattle the day before at the same place.

## PUBLIC SALE OF ABERDEEN-ANGUS 35 HEAD 15 BULLS AND 20 FEMALES

To be held at the residence of S. G. Smith, 2 1/2 miles southeast of Shannon City, Iowa, and 3 1/2 miles northwest of Tingley

**Wednesday, April 3, 1907, at 1:00 O'Clock**

In making this public sale of Angus cattle, we do so with the full assurance that the breeding of the stock is all right and that the quality and merit of the offering will be beyond question. Mr. Smith on his part is closing out on account of his wife's health.

The cattle will all be sold in just nice stock condition, in their every day clothes. We are offering good typical animals chosen from the following families—Trojan Erica, Prides, Minnas, Maggies, Titanias, Belle and Parrothens.

Write T. A. Stevenson for catalog, and come to the sale, where you can buy good cattle at your own price.

Capt. W. W. Stewart, Auct. T. A. Stevenson, S. G. Smith, Shannon City, Iowa

## 15 OCTOBER DUROC BOARS 15

Sired by CARLINVILLE CHIEF, by CHIEF OF OHIO, (litter mate to OHIO CHIEF) out of Sows by KANT BE BEAT, JAY'S ONWARD (litter mate to GOLD CLOUD champion Illinois State Fair 1904). CRIMSON CHIEF and others of equal note. One April boar by PROUD ADVANCE. One July boar by KRUGER 11 by Kruger.

**Prices Range From \$20.00 to \$40.00.**

Write if you mean business.

**COMER & GILLILAND,**
**CARLINVILLE, ILL.**



### The Pike County Jack Farm.

Just 287 miles west of Chicago 202 miles east of Kansas City, ninety-five miles north of St. Louis, thirty-three miles south of Hannibal and ninety-two miles south of Keokuk, Iowa, is the town of Bowling Green, Mo., a nice, thrifty town of 2,500 population. For a quarter of a century the town of Bowling Green has been kept prominently before the jack and mule men of every country on the face of the globe where the mule is raised, through the efforts of just one man, and that man is Col. Luke M. Emerson, of Bowling Green, Mo. Colonel Emerson stands absolutely in a class by himself. All that he is and all that he has are the results of his own efforts. He was born in Pike county, Missouri, of which Bowling Green is the county seat, and from his boyhood days he has shown a degree of independence such as is found in few. At a very early age he engaged in business on his own account. His first attention was to the mule, then to the jack and when practically only a boy he made his first importation of jacks from Spain. It is said that upwards of 3,000 head have been imported by Colonel Emerson. Some time along about the year 1878 Colonel Emerson bought his present Pike County Jack Farm, which is located just four miles south of Bowling Green. A fine pike road—for which this county is noted—leads from the town past Colonel Emerson's home. Just before reaching the farm the visitor passes through the village called "Jack Town," a village that was founded by Colonel Emerson, that he might be able to buy the necessities of life without going to the town of Bowling Green, four miles away. As the visitor passes through "Jack Town" he will see just beyond five large barns, a neat and comfortable house, all surrounded by large trees, and this is the famous Pike County Jack Farm, where the Mammoth jack is given full sway. Perhaps more jacks and mules have been owned here at various times than have ever been owned at one farm. Colonel Emerson has sold jacks to every state and to every country where the mule is raised. He has visited every part of the globe where jacks thrive in hunt of the jack. He even went so far as to establish a jack farm in South Africa and shipped large numbers there, as well as furnishing a great number of mules for the Boer war. This was practically Colonel Emerson's last venture abroad and since then he has devoted his time to handling the Mammoth jack in the United States, selling to every state in the union, to Mexico, Cuba and South America. He has now on hand about seventy-five head of these great big Mammoth jacks and a number of jennets. The jacks run from yearlings up and stand from fourteen and one-half to sixteen hands high. He has yearlings that measure fifteen and one-half and have plenty of bone. Colonel Emerson is a man who takes pleasure in showing prospective customers his jacks and whether you buy or not you will be treated to the best the country affords. He does not do things by halves and anything he attempts he believes in pushing to the limit. He is a man of few words, but these few words speak volumes. Few men know the jack as Colonel Emerson and if you spend a day at his Pike County Jack Farm you can learn much. He did think of holding a public sale, but as his business interests will not allow of his taking the time necessary to prepare and make arrangements for same, he has given up the sale and will sell at private treaty. In his quarter-page advertisement on this page he invites all who are in the market for jacks to visit the Pike County Jack Farm.

### Last Call Daviess County Short-horn Breeders' Sale.

The last advertisement of the Daviess county Short-horns breeders' sale, to be held at Gallatin, Mo., on Friday, April 5th, will be found on page 25. The man who expects to buy Short-horns in the near future should not delay and this sale will be one in which the buyer can get stock that will make him money. Mr. C. J. Feurt, of Pattonsburg, Mo., disperses his entire herd and it is at these dispersion sales that buyers get a chance at the best. Mr. Feurt sells his cattle in order that he and his father may settle their partnership in the herd. Some Scotch cows will be found in the offering, as well as a string of good, reliable Scotch-topped things. Mr. R. E. Maupin, of Pattonsburg, Mo., sells a Scotch bull of the herd header sort. See advertisement for breeding of this bull. Messrs. J. V. and Geo. Goodbar, of Gallatin, Mo., sell two bulls and two cows. The bulls are both yearlings and good sappy fellows ready for service. Mr. Chas. Smiley, of Gallatin, Mo., sells a pair of bulls, one a four-year-old, the other a yearling. The bull consigned by Mr. Maupin will bear inspection and his pedigree is absolutely good. Some man hunting a herd bull should look to him. Mr. Maupin also sells two young heifers, both good and the kind that are money makers. We had hoped to have a catalog of the sale by now in order to give more of the breeding. Those wanting to buy Short-horns should write at once to Mr. R. E. Maupin, of Pattonsburg, Mo., for a catalog and arrange to attend the sale. Gallatin is on the main line of the Rock Island and on the Omaha-St. Louis line of the Wabash.

### Bach Grove Short-horns.

The Homestead is pleased to introduce to its readers a new advertiser in this week's issue. We refer to Mr. F. M. Zenor, of Woolstock, Iowa. While Mr. Zenor is a new advertiser, he is by no means new in the Short-horn business, for he has gathered around him and is breeding a choice class of Short-horn cattle, both Scotch and Scotch-topped American sorts. To show the good judgment of Mr. Zenor in his breeding operations, we would direct attention to the splendid Scotch herd bull at the head of his herd. We refer to the beautiful roan bull, New Year's Day 192962. This is a Princess Royal bull sired by Duke of Oakland 2d, and is to our mind the best Short-horn bull ever bred at Bluff View by Mr. F. A. Edwards. New Year's Day is a large, massive, thick-fleshed bull, a bull built on a larger scale than Duke of Oakland 2d, yet possessed of that same breezy looking head that gained for that old bull so many admirers. The dam of New Year's Day was Princess Mary by Minatour. Her dam was Princess Ontario

Experimental Farm by Field Marshall 64894 and she out of Princess Royal 8th by Ventriquoist. Thus it will be seen that from the standpoint of Scotch breeding, New Year's Day is without a peer, nor do his good qualities stop when his great individual merit is proclaimed. Above all he is a splendid breeder and is siring a superior lot of calves. Mr. Zenor has eighteen Scotch females at the present time of the following families: Mysie, Princess Royal, Duchess of Gloster, Roan Bess, Mary Ann of Lancaster, Athene, Lavender, etc. Aside from the straight Scotch are a choice lot of the famous Blush Nellie Blys and other pure Bates cattle. It will be a pleasure to Mr. Zenor to show his cattle, not only to prospective purchasers, but to anyone who loves the red, white and roan. We are pleased to note that in Mr. Zenor's breeding operations he is broad enough to ignore fads. The color craze has never seized him. He believes in producing the very best Short-horns possible, and is willing to accept them in either of the three standard colors, red, white or roan. Good cattle first, with color as a secondary matter, is the watchword at Bach Grove. At the present writing Mr. Zenor has not a great lot of cattle to offer the public. A few bulls and possibly a half dozen females is all he cares to spare at the present time. It is his aim to make a public sale within the next year or such a matter, at which time he hopes that the lovers of Short-horn cattle throughout the middle West will be in a position to appreciate his efforts and his offering at that time. Mr. Zenor has one of the best and most commodious cattle barns in Iowa, which we hope, at some future time, to illustrate to our 100,000 readers so that they may get some idea and possibly some pointers relative to model barn construction. Among "too late to classify" cards will be found the announcement of Mr. Zenor, who will be pleased to answer all correspondence relative to the Bach Grove Short-horns.

### Last Call for the Anstey Hereford Sale.

One of the important Hereford sales that will be held in the west this spring will be that of Mr. Geo. J. Anstey, of Massena, Iowa, the same to be held at the South Omaha sale pavilion on April 4th. Mr. Anstey is selling a grand good lot of young bulls in this sale, and some choice heifers. The bull offering is a particularly good one and is undoubtedly the best lot that has ever come from the Anstey herd. They are growthy fellows, well developed, with lots of bone, and are ready to go right out and do good service. There are about twenty-five of these and they are sired by Albany 60437, Keep Ahead 107728, Sidney 1st 161307 and Fairview Tom 3d, the latter being a grandson of old Corrector. These bulls will range in age from fifteen to twenty-four months, and the heifers are from eighteen months to two years. The offering is the natural increase from the Anstey herd. There will not be an animal in the sale that has not been bred on the Anstey farm, and Hereford breeders should therefore remember that the cream of the herd will be put into this sale. There are several bulls in the offering that are good enough for herd headers. Duke of Fairview is an eleven-months-old bull and was sired by Sidney 1st. Here is a growthy fellow, well developed, good in the lines and a bull that will round out into a 2,500-pound animal. Sankey 2d is about the same age and is also sired by Sidney. His dam is Sasnae, a granddaughter of Sir Bartle Frere, and one of the best cows in the Anstey herd. He is a low-down, thick fellow and the making of a most excellent bull. Lord Hewer 3d is also a son of Sidney and is out of a granddaughter of old Corrector. He is one of the good bulls in the sale. There are others that are just as good and we can say to bull buyers that they will find some right good ones in the Anstey offering. The heifers are an even lot and are bred to Beau Shadeland, a son of the noted show and breeding bull, Beau Donald 28th, and to Sidney 1st, a grandson of Keep On. These two bulls now stand at the head of the Anstey herd, and are two of the best Hereford bulls in the state. These heifers are very uniform in size and color, and there is not one in the sale that has a bad head or horn. Remember, this sale will be held at the South Omaha sale pavilion on April 4th. The catalog is now ready for distribution. Write for it at once and mention The Homestead.

### Last Call for Shannon City Angus Sale.

On Wednesday, April 3d, at Shannon City, Iowa, Mr. T. A. Stevenson and Mr. S. G. Smith will make a public sale of thirty-five head of Aberdeen Angus cattle. There will be fifteen bulls in the sale and twenty females. Mr. Smith is closing out his herd on account of his wife's health, and he therefore sells his herd bulls and all his foundation stock. There are some well-bred cattle in the sale and there will be some good bargains here for somebody. The bulls are a growthy lot and are well developed. The three-year-old Trojan Erica bull, Elldene 73161, will be sold, also the five-year-old bull, Ben Odell C. V. 55953. Besides these there will be four young Pride bulls offered, as well as several of the other families. They are selling five Pride cows, as well as several of the plainer sorts. The cattle are in good fair condition, and while not show cattle in any sense of the word, are good, useful and money-making Aberdeen Angus. As Mr. Smith is closing out he is therefore putting in all his best cows and heifers, and some of these are bred in the purple. It will be an excellent place to buy Angus and we hope to see a good attendance on the part of farmers and breeders. Write Mr. T. A. Stevenson, Shannon City, Iowa, for catalog and please mention The Homestead.

### Cruikshank Bulls.

Anyone wanting to secure a herd header for their Short-horn herd should lose no time in seeing that veteran breeder, Mr. C. C. Norton, of Corning, Iowa. He has a Duchess of Gloster and a Secret that are fit to head any herd in America, and he has a number of other young bulls that are the making of excellent herd bulls. These are pure Cruikshank, of the richest breeding and individually they are all that could be desired. If any of the readers of this paper are seeking this class of bulls it will certainly pay them to go and see Mr. Norton.



## Pike County Jack Farm



### BOWLING GREEN, MISSOURI,

#### OFFERS

75 Great big Mammoth Black JACKS 75

25 JENNETS 25  
Some With Jack Colts

I will not make a Public Sale, but will sell at bargain prices. The Jacks range from 14½ to 16 hands high. Come and see them. You will be met at the station if you notify me of your intended visit. \* \* \* \*

## LUKE M. EMERSON, BOWLING GREEN, MISSOURI.



Bowling Green, Missouri, is on Main line Chicago & Alton and St. Louis & Hannibal Rys.



## COMBINATION SALE OF Short-horns

AT SAVANNAH, MO., FRIDAY, APRIL 12TH.

50 HEAD---10 BULLS & 30 FEMALES 50

HERD BULLS & CHOICE BREEDING COWS

The consignors are R. A. Coffey & Son, Savannah, Mo.; J. H. Beattie, Rosendale, Mo.; P. W. Hoshor, Rosendale, Mo.; Andrew Johns, Rosendale, Mo.; Sanford Johns, Rea, Mo.; Chas. Sweet, Filmore, Mo.; J. W. Zimmerman, Savannah, Mo. Each consignor is selling stock that he feels should meet with the approval of the man wanting good, useful Short-horns. We expect to make this an annual event and know that in order to make our sales successful we must offer good breeding stock. There will be herd bulls in the offering, also bulls that will please the farmer or ranchman. Write today for catalog, mentioning this paper.

H. R. COFFER, MANAGER, SAVANNAH MISSOURI

Col. Geo. P. Bellows, Auctioneer.





## The Hereford Event of the Season

THE ANNUAL JOINT OFFERING FROM THE WELL KNOWN HERDS

**STANTON BREEDING FARM CO., Madison, Neb., and  
EDMONDS, SHADE & COMPANY, Kingsley, Iowa, at**

**Sioux City, Iowa, April 3, 1907**

In the New Live Stock Sale Pavillion. Sale Called at 1:00 P. M.

**20 High Class Cows and Heifers**



A few with calf at foot including some of the winners of 1906 and twenty bulls of outstanding merit among which are many herd headers and were first prize winners. This is the greatest offering that the breeders and farmers of the Northwest have had the privilege of attending in late years.

There will be a grand lot of bred heifers by Beau Donald 7th, Columbus 35th, Climax, King Edward, Brick Mason, Imp. Passport and other great bulls.

An excellent lot of young cows with fine type of character and most successful blood lines bred to some of the greatest bulls of the breed—Imp. Albany, Rex Maximus, Climax, Columbus 35th, Beau Donald 7th, and King Edward. A grander lot of young bulls and heifers was never offered to the public at one sale. Every animal is fully guaranteed. Write for catalog to either of the above firms. Cols. F. M. Woods and F. F. Luther, Auctioneers.

**C. R. Thomas, Clerk.**

**J. A. SHADE, Mgr., Kingsley, Iowa.**

### Combination Sale of Short-horn Cattle.

On April 11th, under the management of Mr. E. R. Silliman, of Colo, Iowa, will occur the sale of forty Short-horn cattle at the fair grounds in Nevada, Iowa. These cattle are consigned by Messrs. E. R. Silliman, of Colo, Iowa; Wilkening & Shaw, of Colo; Pat Mulcahy, of Colo; A. J. Graves & Son and S. S. Kooser, of Ames, and C. E. Klump, of Nevada, Iowa. A cordial invitation is extended by these breeders to be present at their third public offering. They present a variety of blood lines, among which are some good cattle. In the selection of this joint stock sale, care has been taken to include only breeding animals. Nothing has been cataloged about which there is any doubt. The cattle will only be in breeding condition and have had no special preparation for the sale. All cows sold with calves at foot, or showing in calf, will be considered breeders, and all cows lately bred or open heifers are guaranteed producers. All bulls are guaranteed breeders under proper care. This is the guaranty that is made by the owners. Mr. Silliman is selling seven head of grand Duchess of Oxford, all tracing to Imp. Grand Duchess of Oxford 40th, a cow that was bred by the Duke of Devonshire and imported in 1881 by Mr. B. C. Rumsey, of Buffalo, N. Y. The Oxfords are considered one of the best branches of the Bates cattle. Mr. Rumsey of late years used the best Scotch bulls that money would buy, not hesitating to put them on the Oxford cattle. Mr. Silliman purchased at the Rumsey dispersion sale two females of this family, and they have been so prolific that he is now enabled to sell seven head of this one family. The remainder of his offering are Josephines, Nellie Blys, etc. Messrs. Graves & Son are selling some well-bred Scotch-topped cattle, including four good young bulls, all red. Mr. C. E. Klump sells seven cows of the Flora, Josephine, Young Mary, Oxford Duchess and Caroline families. Mr. Kooser sells Lady K. with a bull calf at foot that was dropped September 19th. Lady K. belongs to the Booth family of Rosebush, tracing to Imp. Rosebud by Harsley. She was bred by Mr. R. Booth, of Killerby. The bulls consigned by all the breeders are of the good, useful type and are well Scotch topped, including a splendidly-bred Wild Eyes bull consigned by Mr. Mulcahy. The catalog can be had for the asking, and we believe it is worth the while for all lovers of good Short-horns who can use some practical American-bred cattle to attend this sale and buy them worth the money. The quarter-page announcement can be found on page 25.

### Some Bargains in Duroc Boars.

Messrs. Comer & Gilliland, of Carlinville, Ill., are making an extra good offer on Duroc Jersey fall and spring boars in their advertisement on page 26 of this issue. This firm have been breeding Durocs of superior merit for several years, but were heretofore known as individual breeders. They have combined their herds and have on hand a number of very good October pigs. They are sired by Carlinville Chief, he by Chief of Ohio, a litter mate to Ohio Chief. These fall boars are out of some of the best sows which these gentlemen own, and represent the best and most profitable strains of the breed. The sows are sired by such noted boars as Kan't Be Beat, Jay's Onward (a litter mate to Gold Cloud, the noted boar at the head of the good herd of Messrs. Fred Kraschel & Son, of Macon, Ill.), Crimson Chief (one of the herd boars in use in the herd of Mr. J. A. Teter, of Remington, Ind.), Bishop, a grandson of Longfellow. In addition to these fall pigs, this firm are offering for sale an April boar by Proud Advance, and a July pig by Kruger II., he by Kruger, the noted boar in use in the well-known herd of Mr. Ira Jackson, of Ohio. The breeder who is in need of a good fall boar or who wants a son of the noted breeding boar, Proud Advance, will do well to write these gentlemen as per their advertisement on page 26 of this issue. The prices are plainly stated and if you mean business write them at once, kindly mentioning this paper.

### Combination Sale of Short-horns at Savannah, Mo.

On Friday, April 12th, at Savannah, Mo., under the management of Mr. H. R. Coffey, of that place, the following breeders of Short-horns will make a sale of cattle: Messrs. R. A. Coffey & Son, Savannah, Mo.; J. H. Beattie, Rosendale, Mo.; P. W. Hoshor, Rosendale, Mo.; Andrew Johns, Rosendale, Mo.; Sanford Johns, Rea, Mo.; Chas. Sweet, Florence, Mo.; and J. W. Zimmerman, Savannah, Mo. Each of these gentlemen own good

herds and have decided to annually hold a public sale in order to market their surplus breeding stock and get their herds before the people. They have each agreed to sell only such stock as will be a credit to the herds from which they come and stock that they think will do the purchasers good. The bull offering will be found particularly strong, there being both Scotch and Scotch-topped bulls that should be in service in good herds—both breeding herds and farmers' herds. The ages of these are good. Two proven herd bulls of much merit are listed for the sale. Messrs. R. A. Coffey & Son, of Savannah, Mo., sell their five-year-old Scotch herd bull. We regret that a catalog has not reached us so that we might give his breeding. We have seen this bull and his get and the man hunting a breeding bull should see him. He is a roan, a massive fellow with a wonderful constitution, a fine head and front end that is exceptionally good. Over back, loin and through the rear quarters he is good. His get show great promise and Messrs. Coffey & Son would not sell him, but that they are keeping so many of his get. Messrs. Coffey & Son also sell some yearling bulls of much merit. Mr. Chas. Sweet, of Florence, Mo., sells his herd bull and some desirable younger bulls. The cows consigned by each of the contributors are those that they know are good producers and cows that they do not hesitate to stand behind with their personal guarantee. Savannah has been selected as a sale point on account of the excellent railroad facilities. Parties coming via St. Joseph, Mo., can make good connections morning of the sale at St. Joe and return in the evening after the sale. Those coming from the north can take either the C., B. & Q. or the Great Western. Col. Geo. P. Bellows does the selling. If you want to buy Short-horns in advance of the rise that is surely coming, arrange to be at Savannah on April 12th. Manager H. R. Coffey, of Savannah, Mo., will gladly mail catalogs to all who write, and give all information desired. See page 27 for advertisement and kindly mention this paper when writing.

### Geo. Bothwell's Clover Blossom Short-horns at Auction.

On Monday, April 22d, at Hamilton, Mo., the famous Clover Blossom herd of Short-horns owned by Mr. Geo. Bothwell, of Nettleton, Mo., will be dispersed at public auction. Mr. Bothwell sells at Hamilton, Mo., on account of the excellent railroad facilities. This should be an important event in Short-horn circles, as Mr. Bothwell parts with a great herd that would not be sold were it not for the recent death of his father who owned an interest in the herd, and in order to settle the estate the cattle must be sold. There are in the sale a great many daughters of the great herd bulls, Grand Victor and Imp. Nonpareil Victor, sire and grandsire of the champion Nonpareil of Clover Blossom, that was champion junior bull calf in 1900 and champion junior yearling bull in 1901. The followers of the Cruickshank and Scotch tribes will find this an excellent opportunity to buy both imported cows and Scotch cows that are only one, two and three generations removed from the imported cow. The crosses of the two great bulls, Grand Victor and Imp. Nonpareil Victor, on Mr. Bothwell's Rose of Sharon, White Rose, Goodness and Princess tribes has proven an excellent cross and the

## Anstey's Hereford Sale

AT SOUTH OMAHA, NEBRASKA, THURSDAY, APRIL 4, 1907.

**25 YOUNG BULLS - - - - - 20 CHOICE HEIFERS**

THE cream of my herd goes into this sale. Everything is my own breeding, and only the best have been picked for this occasion. These are sired by Albany 60437, Keep Ahead 107728, Sidney 1st 161307 and Fairview Tom 3d 138860. The heifers are bred to Sidney 1st 161307 and my great young bull Beau Shadland 10th 207380, a son of Beau Donald 28th. The best bunch of young bulls that has ever been sold in South Omaha will be found in my sale. Write for catalog at once. Address,

**GEO. J. ANSTEY, MASSENA, IOWA.**

Col. Geo. P. Bellows, Auctioneer.

Please Mention Iowa Homestead.

### POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, JAMES WILSON & SONS, AVOCA, IOWA

### ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 21. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## 10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

**John E. Griffith,**

WASHINGTON, IOWA.

(Mention Homestead.)

ABERDEEN-ANGUS bulls for sale, of the fashionable families. Queen Mother, Erica and Drumin Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

man who wants good, reliable American-bred sorts topped off with the best of Cruickshank sires should not miss these. The writer has just been to see the Clover Blossom herd and we advise all of our readers who want good Short-horns, well bred, to be with Mr. Bothwell sale day. Watch these columns for future announcements and write him today to put your name on his mailing list for a catalog so that you will get same in time to study the blood lines that have made the Clover Blossom herd. Kindly mention this paper when writing.

G. A. Fewel, Leeton, Mo., Changes Address.

In a recent communication from Mr. Fewel he tells us that he has moved from Leeton, Mo., to Muskogee, Okla. His old customers will find him ready to fill their wants in his new location, just as satisfactorily as he did at the old stand. The sale which he made February 22d in Missouri was a success in every way and the total amount realized from jacks and horses slightly beat the \$25,000 mark. Mr. Fewel wishes to inform the readers of this paper that he will keep them posted as to what he has for sale through these columns. We trust that in his new location this breeder will meet with the success which he well deserves.

## WHEATLEY AND WARD'S ANGUS CATTLE—Bulls For Sale

NOT by Mapelhurst trotters 47351, Hale Lad 2d 42497 and Gardner's Pearl Rosegay 52637 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write me.

**WHEATLEY & WARD,**  
King City, Missouri

## Paradise Stock Farm's ANGUS BULLS

PRIDE'S Albion 5th, 53114, my double Pride herd bull is offered as I retain so many of his heifers. Also a number of young bulls, several by him. Would also price females right. Write me.

**W. F. Eckles, - Green City, Mo.**

## Allendale Dobbies

WE have a fine "Queen Mother" bull, three years old, that we will sell; also a number of Favorites, Prides, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

R.F.D. No. 1, **ALLEN BROS., NEW SHARON, IOWA.**

**H. A. Eveland & Son, Jamaica, Guthrie County, Ia.**  
Young Angus Bulls and Females.

HERD headed by Patriot Boy 71682 by Proteros 36980. We have a number of young bulls 9 to 16 months old, one a show yearling. Also some cows and heifers of leading families. Farm seven miles from town. Call or write.

**PLEASANT HILL ANGUS.**  
SPECIAL prices for 30 days on 10 bulls, 20 cows and 10 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Allamore of Glendale 24275, a prize-winner and sire of prize winners.  
**J. Nissen, Meservey, Cerro Gordo Co., Iowa**



JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

HEREFORD CATTLE.



BEAU BRUMMEL.

8 Young Bulls for Sale

from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers for sale. Popular prices for high-class stock. Address

**G. W. WAY & SON,**  
New Sharon, - - - Iowa  
Call at Way's Hardware Store for free conveyance to the farm.

BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

**John Secor, - Mechanicsville, Iowa**

WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

When writing to advertisers please mention this paper.

LIVE STOCK AUCTIONEERS.

Col. Judd McGowan  
Clinton, Illinois.

Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

FRED REPPERT,  
DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430, residence, 312

GEO. P. BELLOWES

LIVE stock auctioneer, Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

C. C. KEIL, LADORA, IA.

LIVE STOCK AUCTIONEER.  
FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

J. P. SPEARMAN, PAPILLION, NEB.

LIVE STOCK AUCTIONEER.  
I am posted on pedigrees and want your sales of cattle, hogs or horses.

F. H. JACKSON, Rutland, Ill.

LIVE STOCK AUCTIONEER.  
PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

HARRY W. GRAHAM,

Live Stock Auctioneer and Pres. American Auction School  
Third Term Opens July 8, 1907.  
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C. E. LUTHER,  
GRAND JUNCTION, IOWA.

LIVE STOCK AUCTIONEER.  
Sales in six states. Terms reasonable.

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Livestock Auctioneer, Mason City, Iowa.

A. V. LOCK, REMINGTON, INDIANA

Live Stock Artist.  
Work satisfactory. Prices reasonable.

When writing to advertisers please mention this paper.

...HEREFORDS...

40 YEARLING bulls, also cows and heifers. Must be sold to make room. No better at any price; you can get bargains here. Also young Percheron stallion for sale. Address, Rush Park Stock Farm, Independence, Ia.

Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

H. C. CUNNINGHAM, WESTON, MO.

HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

Table Backed Herefords

FOR SALE—20 two-year-old heifers, bred; 30 bulls, ages from 10 months to 26 months; 19 two-year-old bulls at Laramie, Wyo. Prices low; try me.

W. W. WHEELER, Harlan, Iowa

40 Choice Hereford Bulls

40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.

EDMONDS, SHADE & CO., Kingsley, Iowa

MAPLE LAWN HEREFORDS

FOR sale, (Imp.) Isian 145736, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals.

A. E. HAGER, AVoca, IOWA.

HEREFORD BULLS FOR SALE.

GOOD bulls for sale, well-bred Corrector, Fullfiller and Improver's stock, prices right. For particulars address, W. M. McDaniel, Delhi, Iowa.

STEERS.

200 HEAD OF NATIVE STEERS

950 LBS. Have to sell by first of April. A bargain for a quick buyer.

AUBREY SMITH, - - KEOSAUQUA, IOWA.

SHORT-HORN CATTLE.

SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, Albion, Iowa

Otter Creek Stock Farm.

WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

FAIRVIEW SHORT-HORNS

I HAVE few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,

M. D. YARD, Crawfordsville, Iowa

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class C and 1st as Ia. Cham., Ia. State fair, '06 heads herd. Herd boars Defender, 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SHORT-HORN CATTLE.

SPRING BULL BARGAINS

7 SCOTCH AND SCOTCH-TOPPED Short-horn bulls for sale at modest prices, any of which would make a valuable herd header for anyone engaged in the cattle business. Some are by Gollman, some by Melba's Victor, one by Viola's Prince. Among the Scotch bulls is one red show bull, 14 months old, by Gollman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford. Address,

A. L. STUTZMAN,

NEW SHARON,

Mentioning The Homestead.

IOWA

9 Cruickshank  
Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,

IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

SHORT-HORN HERD HEADERS.

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

EVERGREEN STOCK FARM  
SHORT-HORN BULLS

INCLUDING the Scotch Cruickshank herd bull Prince Royal 175494 got by Imp. Prince Oederic, and nine young bulls by him, all dark red from one to two years old. Come and see them. Prices low. They are good ones.

N. P. HALGREN,  
Vinton, Benton Co., - Iowa

SCOTCH BULLS

Got by  
IMP. MUTINEER 172547.

MUTINEER is of Murr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 16th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, Unionville, Mo.

HUGHESDALE  
REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

ARDMORE SHORT-HORNS.

10 Scotch and Scotch-Topped Bulls For Sale 10

SIRRED by Imp. Scottish Pride 125543 and Imp. Lord Mount Stephen 205994. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

ARDMORE STOCK CO.,  
Holstein, - Iowa

MALAKA SHORT-HORNS.

Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me.

H. D. PARSONS,  
Newton and Baxter - Iowa

Scotch and Scotch-Topped

HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Roum Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEANSBURG, - ILL.

Bulls For Sale

THE Iowa State College is offering for sale one good Short-horn herd bull coming three years old; five Short-horn bulls coming one year old; three yearling Red Polled bulls and one Holstein coming one year old. All of good breeding, good individuals and at reasonable prices. Address,

Iowa State College, Division of Agriculture,  
AMES, - IOWA.

CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - Newton, Iowa

4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWS & SON, - Harlan, Iowa

BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

N. A. LIND, - Rolfe, Iowa

NOVINGER & SONS'  
SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirkville, - Missouri.

Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duchesses of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

I. BARR & SON,  
Davenport, - Iowa.

CATALOG  
Of Young Bulls For Sale  
Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, - Iowa

BARGAINS IN  
SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

JESSE BINFORD & SONS,  
ALBION, IOWA, or LISCOMB, IOWA.

SCOTCH BULLS  
FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

BANNER'S VICTOR 242584  
FOR SALE

2D PRIZE YEARLING SHORT-HORN BULL in 2 Iowa, special class at Iowa State Fair, 1906. Roan, just past 2 years old. A splendid Short-horn individual in splendid condition. Grandson of Cumberland. Address,

C. R. Warren, - Glenwood, Iowa.

WILDWOOD SHORT-HORNS

ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-necked Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable price. Write,

W. W. VAUGHN, - Marion, Iowa

Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopeful Knight. Bulls for sale at all times.

G. H. BURGE, - MT. VERNON, IOWA.

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

JONES CO. HERD OF Bulls {Sittyton Sort 173649  
SHORT-HORN CATTLE Bulls {Wainpun of Wayside 243046

WE have one red roan bull, two years old in Jan., for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

CEDAR LAWN Short-Horns and Polled-Durhams. Ten blocky bulls for sale, ranging from six to twenty months old. Sired by Orange Bud 135861 and Athenian Prince X1773. Prices right. Address, J. Z. Schneider & Son, Letts, Iowa.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.



## DUROC JERSEY HOGS.

## FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING &amp; McCABE,

Hersman, Brown Co., Illinois

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and lifted all but one. We breed the winners. Stock of all ages for sale. Write or come. WATT & FOUST, CEDARVILLE and XENIA, OHIO

## BUDDY K. IV HIGHEST PRICED DUROC BOAR

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

McNEIL BROTHERS,

BOWEN, ILL.

## AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON &amp; CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

## ONE DUROC JERSEY GILT.

Sired by Top Notcher 10th, dam by Ohio Chief, bred Jan. 8th to Conimolore, king of the breed, price \$200.00. Our sale averaged \$180.00 on 31 head. Address,

AMOS W. HARRIS &amp; SONS, Box 60,

WAVERLY, KY.

## CRIMSON WONDER I AM 34697 HEADS THE AMERICAN

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

U. G. DAVIDSON,

MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

## GOLDEN DUROCS HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas &amp; Hogsett, Golden, Ill.

## Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II., 2d Surprise, 1st Chief I Am, Glendide Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

## 40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices.

DELMAR McCANN, - - KENNARD, NEB.

## PIONEER HERD DUROCS.

WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 12415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

## KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHEL &amp; SON, - MACON, ILL.

## FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.

H. B. GRIFFITHS, - Bowen, Ill.

## PROUD ADVANCE DUROC BOARS.

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us.

MANLEY &amp; CO. - LYONS, NEB.

## Duroc Jersey Bred Sows For Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted sires as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. H. L. Reed, Sumner, Nebraska.

## PLEASANT DALE STOCK FARM

GEO. F. DOIRSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

## BRED SOWS and gilts all sold. Ninety nine

and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are DUROCS. J. W. Briggs, Alden, Iowa.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

## SPRING boars sired by fancy Crimson Wonder.

Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. W. A. Kirkpatrick, Lincoln, Neb.

## GILTS! GILTS! GILTS! Duroc Jerseys.

Address, The Roycroft Farms, Mutual 'Phone 794, Des Moines, Iowa

## CHOICE YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Hometown, Iowa.

## L. H. ROBERTS &amp; SON, PATON, IOWA.

CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butta.

## RED OAK HERD

OF recorded Duroc Jersey swine. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 48087, a son of Kant Be Beat. They are safe and ready to ship. They are sired by Top Notcher's Model 37683. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. Troy &amp; Bros. Props., Rosehill, Mahaska Co., Ia.

## DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Nidlinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$76.80, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IA.

HAVE a few good Duroc bred sows for sale, bred to Chief Knight and Imp. King. Also have a few extra good Sept. male pigs, sired by Ham's Challenger 31277. They have good length, extra broad with good bone and feet. To make room for spring pigs will be sold at very reasonable prices. F. A. Ham, Saronville, Nebraska.

## 10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to furrow in May. Will weigh 250 lbs. or more. Bred to Long Alex and Redwood Chief. AUSTIN RENSNAW, Blair, Neb.

## 20 Duroc Jersey Gilts

AND 6 yearling sows, bred, all choice ones. Write, S. M. Dwyer & Son, Mason City, Iowa.

## 80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

## FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar.

F. E. GARRETT, Lohrville, Iowa.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

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## SHORT-HORN CATTLE-DUROC JERSEY HOGS

CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.

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THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.

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Shipping point Iowa City.

## Havelock Herd Duroc Jerseys

Nothing now for sale.

Best of blood represented.

E. K. YOUNG &amp; SON, - Havelock, Neb.

## 25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen, - Odell, Ill.

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

## CHESTER WHITE HOGS.



## SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar. and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## MAPLE GROVE CHESTER WHITES.

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

## EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

W. F. HEMMERLING,

DIKE, GRUNDY CO., IOWA

## Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS,

R. F. D. 6

GENESEO, ILLINOIS.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection.

FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

## Chester White Spring Pigs All Sold.

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop. MAPLEAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, - Harlan, Iowa

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

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## "Combination" Chester Whites

THE premier herd at the Iowa and Illinois state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner COMBINATION. Write us for a Combination pig and get the quality that wins. Address,

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## White Oak Herd of Recorded Chester Whites

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, phone or come and see them.

J. W. TROY &amp; BROS., - Iowa

Rose Hill, Mahaska Co.,

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GOOD, large, young, lively heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

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25 Black Jacks

FROM 1 to 6 years old, as good as bred. I make a specialty of size, heads, ears, bone, foot and constitution. Write or come at once.

G. M. SCOTT, - REA, MO.

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75 Kentucky Bred and Imported Jacks For Sale.

We have more good Jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

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## 50 BIG POLAND CHINA SOWS

## AT PRIVATE SALE

Sired by Gay Monarch, My 1,000-lb.

Boar, Perfect Chief 2d, Winsome

Dude and Monarch Jr.



GAY MONARCH, The 1,000 lb. Boar.

SOME CRACKING good fall yearlings, aged sows and spring gilts bred to the above boars. Size, bone, finish and proficiency is our standard. Send for my illustrated private catalog, and mention Iowa Homestead. Address,

E. F. ESCHER,

Manning, - Iowa

## 45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35927, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY &amp; SON,

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## Willowdale Herd.

Fancy Poland Chinas. Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,

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## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, - Blandinsville, Illinois.

## LET US BOOK YOUR ORDER

FOR a Poland China boar pig, sired by the prize winning L's Sunshine and other good boars, to be delivered in August. See us at the Fairs this fall.

A. C. Lanham, - Battle Creek, Ida Co., Iowa

## 50 Poland China

## BRED SOWS.

## Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93231, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, - Lanark, Ill.

On C. M. &amp; St. P. R. R., 120 miles west of Chicago 20 miles east of the river.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Michael Maker, High Looker and Justice. Safe in pig to Justice and the Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.

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Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 champion-ships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equalled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

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Have just received a large importation of Percheron and Belgian Stallions and Percheron and Belgian Mares.

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Bred sows safe in pig to State Fair prize winning boars.

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ATTENTION! Are your hogs too small and fine boned, with a disposition to run out? If so, come to me and I will fix you out with a big boned, short legged, broad backed, heavy quartered Berkshire Boar, with an extra back, wide spring of rib and very short, broad dished face. I will do it at farmers' prices.

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I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,

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Large, Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.



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SPECIAL offering now of 168 gilts safe in pig to imported and prize-winning boars, for shipment this winter. Boars all sold.

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HELD headed by Secret Knight, he by the \$1,000 Little Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

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Breeds POLLED DURHAMS.

STOCK that will please you at prices you can afford to pay. SCOTCH TOPPED BULLS AND FEMALES FOR SALE.

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I HAVE two good Percheron mares that I will price right if taken at once. They are richly bred and are safe in foal to an imported ton stallion. They are jet black and will weigh right at 1,900 lbs. I also have a fine two-year-old stallion colt by Casino 27830 first prize and champion at World's Fair in 1904. Write me for particulars.

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ONE THOUSAND DOLLARS each. Home bred registered draft stallions \$250 to \$750 at my stable door. Address,

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**IMPORTED** Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$900. **Hart Bros., Osceola, Iowa.**

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OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, **W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.**

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I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

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**EITHER** sex for sale. Have show stock. Prices reasonable. Equal to the best. **Kestel & Schroterberger, New Lenox, Ill., or Gardner, Ill.**

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**HERD** of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, **G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.**

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AND ONE MAMMOTH JACK

**At Milan, Mo., Tuesday, April 2, 1907**

### PERCHERONS

Mark Me 41579, color black, star, eight years; a sure foal getter; over 75 living foals last year. Admiral Togo, coming two years, color bay; will make ton horse. Senator Warner, coming yearling, black; Minnie 25240, gray mare; Zella 25242, sorrel mare; Mollie Belle 50185, black mare; Fanny Belle 30181, black mare.

It will pay anyone wishing to buy good breeding stock to come to this sale, where you can buy as good horses and mares as at one of the sales made by some of the large dealers, where you pay for their name. They buy from the farmers, double their money and you pay it. Come and buy from first hands. Everything sells without reserve. Send for catalog.

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MILAN IS ON THE O. K. AND C. B. & Q.

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Imp. Hoebling Craftsman 6358, color mahogany bay, seven years, a sure breeder and a horse importers sell at \$1,200 to \$1,500. Sweet Marie 8093, sorrel mare; Daisy Bell 8188, sorrel mare; Dorothy 8112, bay mare; Tom Curtis, a black Mammoth jack and one of the best jacks in Sullivan county.

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**O. P. HENDERSHOT HAS 20 KENTUCKY AND SPANISH JACKS AND 10 PERCHERON STALLIONS.**

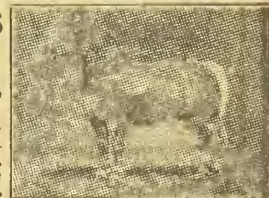
The jacks are from 14½ to 16 hands high, from two to five years old, and as good as the best. The stallions are Percheron, French Draft and Clyde, from two to five years old, weighing from 1,800 to 2,000 pounds, sound and of the right type. I will pay all your expenses to my place and return home again if the jacks and stallions are not as good or better than you will expect to see. Not a second animal in the whole lot, every animal fully guaranteed.

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**L. H. Humbert & Son, Corning, Ia.**

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS and MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. **L. H. Humbert & Son, Corning, Ia.**



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**100 Stallions and Mares.** Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. **Red Oak Branch C. B. & Q. R. R.**



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Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pumped with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



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At prices all can buy. Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired.

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Best and largest collection of Belgians in America, imported and home bred; 8 mi. west of Cedar Rapids on 2 railroads. The greatest Belgian horse market in America. Cedar Rapids and Iowa City elec. car passes 3 mi. E. of farm every hour. Come and see or send for catalog. **H. Lefebure, Fairfax, Ia.**



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THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition for a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to

Send For New Catalog.

## 3 Clydesdale Stallions FOR SALE

2 will be 3 years old this spring, 1 will be 2 years old this spring.

THEY are of the best of blood, the sire being full of Top Gallant blood and the dam being by Graythan by the celebrated Lord Erskine. **A. BAILEY, Anita, Ia.**



## HORSES.

## Trumans' Champion Stud

We wish to announce to the PROSPECTIVE BUYERS of STALLIONS that we have at the present time in our stables at BUSHNELL, ILL., upwards of 100 OF THE VERY CHOICEST SHIRE, PERCHERON, BELGIAN AND HACKNEY STALLIONS and we are offering them for sale at VERY LOW PRICES, taking the EXTREME QUALITY of the HORSES into consideration. We have rising THREE-YEAR-OLD stallions weighing up to 2,130 pounds and MATURED STALLIONS up to 2,300, full of QUALITY with MASSIVE, HARD, CLEAN BONE AND GOOD FEET. Our sale at Kansas City March 27th in no way interferes with our trade here, AS THE STALLIONS ARE NOW IN OUR STABLES THERE.

Never in the history of our business have we had so many FIRST CLASS STALLIONS as at the present time and in order to accommodate ANOTHER importation that is ready to leave England, we are making SPECIAL PRICES ON OUR STALLIONS IN ORDER TO MOVE THEM.

It is our endeavor to sell IMPORTED STALLIONS AT THEIR VALUE and to this end have been working ALL THE TIME TO GET BUYERS HERE TO SEE THE STALLIONS. We have never had a BUYER GO AWAY DISSATISFIED, but all say we have the BEST lot of DRAFT STALLIONS they have ever seen. If you are going to buy a DRAFT STALLION this season PLEASE WRITE US.

Our catalog will be mailed for the asking if you MENTION this paper. Address,

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## CHAMPLIN BROS., CLINTON, IA.

Percheron, Belgian, Shire, French and German Coach Stallions.

## EASIEST TERMS.

PROTECTION FOR TWO YEARS.

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## FINEST HORSES:

BREEDING, SIZE, QUALITY, STYLE, FINISH, ACTION, DARK COLORS. GUARANTEED FOAL GETTERS.

### Our Own New, Personally Selected, Direct Importation.

A GREAT NUMBER OF PRIZE WINNERS from the leading horse shows of Europe. If you have not seen OUR HORSES, you have NOT seen the best. YOU want a FIRST-CLASS stallion. Come to our superb new, up-to-date stables and SEE for yourself—just what you want. Write about transportation here and return. ON OUR PLAN you can make a first-class horse pay for himself. No money required.



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Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.  
**L. M. HARTLEY, SALEM, IOWA.**

## PETER HOPLEY & SON

LEWIS, IOWA

Percherons, Shires, Suffolks, Belgians and German Coachers.

The best of these great breeds always to be found and our prices are the lowest. If you are in need of a Stallion of the above breeds or contemplate buying, write us. BARN AT FARM.

**A FEW CHOICE SUFFOLK FILLIES FOR SALE.**

### PETERSON'S BLACK PERCHERONS.

For \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.

H. E. PETERSON,

LYONS, NEBRASKA

## HORSES.

# FRANK IAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 75 Percherons, Belgians and Coachers 75

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and AP-PROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES," they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

IKKY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$3,000. Iams sells "TOP NOTCHERS" so good, big and cheap that THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holer." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$3,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconceived effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percheron and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landshaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

**OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.**



## TAYLOR & JONES'

New Importation

ARRIVED MARCH 9TH.

Our barns are now filled with imported and home-bred PERCHERON, SHIRE and BELGIAN STALLIONS. Don't you know that PUBLIC SALES of stallions only indicate a cheap lot of trash, or that the sellers are men who CAN'T DO A BARN BUSINESS? Did you ever know a merchant to sell groceries at auction? Would you buy a gold watch at auction? We use no slick salesmen to sell our horses. They are good enough and our reputation so clean that we are selling more horses than ever before, which proves our prices are the lowest, our horses the best and our manner of doing business is satisfactory to our patrons. For catalog address,

## TAYLOR & JONES,

WILLIAMSVILLE,

BOX 68,

ILLINOIS.





VOL. LII. NO. 14.

DES MOINES, IOWA, APRIL 4, 1907.

WHOLE NO. 2594

### OUR GROWING NATIONAL WEALTH.

The western farmer, whose toil of brain and brawn is so fundamental to the whole industrial development of the nation, will feel a thrill of patriotic pride and satisfaction when he reads a special report issued last week by the census bureau on wealth, debt and taxation in the United States. It tells a story in which the farmer plays a leading part, showing that his place in the upbuilding of this great, rich country is one of high honor and usefulness. It also discloses a situation remarkably favorable to the continuation of the unexampled prosperity of recent years, a prosperity shared by all classes.

The total wealth of the American people as estimated in this gratifying bulletin is \$107,104,192,410, or more than one hundred and seven thousand millions of dollars. This represents an increase in the four-year period from 1900 to 1904 now first covered by complete statistics of \$18,586,885,635. The stupendous proportions of this gain will be appreciated when it is remembered that the entire national wealth in 1850 was only \$7,135,780,228. There is every reason to believe that the two years which have since elapsed have exceeded any one of the preceding years in net productiveness; hence it is within reason to say that the years 1905 and 1906 witnessed a gain in national wealth exceeding the entire property of the country in 1850.

American indebtedness is rapidly declining, relatively to population. The total public indebtedness of continental United States in 1902 was \$2,789,990,120, of which only \$925,011,637 was of the national government. Our per capita public indebtedness in the last year ascertained was \$35.50. Great Britain's was 3.93 times greater, Italy's 2.25 times greater and that of France 4.86 times greater.

Of our vast national riches, real property and improvements taxed were \$55,510,228,057, or more than half of the whole; real property and improvements exempt from taxation, \$6,831,244,570. Live stock amounted to \$4,073,791,736 and farm implements and machinery to \$844,989,863. Railroads and their equipment totaled \$11,244,752,000; telegraph systems to \$227,400,000 and telephone systems to more than twice as much, or \$585,840,000.

All of this is good reading for the farmer. It means safe and stable general conditions in the coming years to safeguard his own great industry.

### SOWING FLAX SEED IN SMALL GRAIN

The following communication has been received from a subscriber, Mr. W. P. Reeves:

I would like to know if it is practicable to sow a little flax seed in the small grain crops, particularly among oats and barley. If so, how much would you advise sowing? My thought is to grow something that will lessen the amount of oil meal needed next year for feeding purposes.

We have tried the plan of sowing ten pounds of flax seed per acre with the oat crop and have found the results to be eminently satisfactory. The only precaution that one must take is to sow flax with a rather late maturing variety of oats.

The objection to sowing flax with barley would be that the barley would mature before the flax, and it is doubtful if the flax would thrash out.

A mixture of flax and oats seeded at the rate of ten pounds of the former and three bushels of the latter per acre

makes a splendid feed for any kind of stock, and it is particularly suited to brood sows, and to work horses.

### ENSILAGE FOR BEEF PRODUCTION.

The production of prime beef will always be an important industry if not "the" important industry, in the corn belt. In time past a very large percentage of the meat supply of this country came from the ranges, but in the future the range can do little more than to supply the calves and yearlings to Central West farmers to be fed out in the feed lots of this region on corn.

Of the different methods of handling corn none is of greater interest than the plan of cutting it up, putting it in a silo and feeding it out in the form of ensilage. In the last report of the Wisconsin round-up Institute David Imrie, of Roberts, Wis., makes the following

statement regarding the value of silo for beef production:

I contend (and all of you who have silos will bear me out in this) that we can harvest our corn crop and place it before our stock cheaper in the form of silage than in any other way and with less waste, as it is all consumed. For beef production we want silage that is rich in corn. Do not plant it too close in the drill, about eight inches is right, so that every stalk will have a good ear on it. Put it in the silo at the proper time and you have an ideal food for growing calves, young cattle and fattening steers.

Do not misunderstand me and go away from here with the idea that good corn silage is all you need to make a success of beef production. As soon as the calf will eat coarse food, feed him what silage he will eat up clean twice a day, with whole oats and clover hay. We usually put our steers on the market as two-year-olds. The first winter they get silage, what they will eat twice a day, with ground oats and barley, or oats and corn (two-thirds corn), clover hay and shredded corn fodder. Feed until pasture is good. The next fall commence to feed before pastures begin to fail. Bring them to fall feed

gradually. In fattening, remember you cannot fatten on silage alone. No matter how well eared the corn is, you must have more corn. We feed about like this: In the morning, thirty-five to fifty pounds of silage and a good panful of ground oats and barley, or oats and corn, or bran and corn, or shorts and corn; about ten o'clock they have what shock corn they will eat. Their mangers are also filled with clover hay. At night, they get the same feed of silage with the oats and barley, etc. After this is eaten, they get crushed or snapped corn, what they want; a little oil meal is also beneficial. After they are on full feed we generally feed them from 100 to 120 days.

The trouble with us farmers is, we cannot tell by actual figures just what is gained by the use of silage in producing beef, as we do not weigh the animals nor the feed consumed; the only way we can judge is from one year to another. As we have fed steers on dry feed, on whole corn and on ground corn and with silage, I will say that I have never had as good success as when I fed silage in conjunction with the other feeds mentioned. We allow the steers to run in a yard and feed in the barn, where they can go in and out as they please, with fresh water and salt always before them.

When it is considered that average land will produce all the way from twelve to twenty tons of silage per acre, and when in addition to this it has been proven that corn can be converted into silage as quickly and as cheaply as it can be handled in any other way, it surely presents a topic to the beef producers of the corn belt that is of more than ordinary interest. A bunch of steers fed out at the Kansas Station on silage required 715 pounds of grain to make one hundred pounds of gain in silage-fed steers, and 733 pounds of grain to make one hundred pounds on steers fed no silage. Not only were the gains made by the silage-fed steers a little greater, but these sold on the market for twenty-five cents a hundred more than those without silage.

We submit this topic at this time not in the hope that there will be any sudden introduction of silos among beef producers, but rather that we consider it quite worth while to keep the matter agitated, because, without question, under certain circumstances the making of ensilage out of the corn crop is the most practicable and feasible way to handle it.

### SEEDING DOWN WITH BARLEY.

The following communication has been received from a subscriber, Mr. W. B. Starkey:

I have a piece of very rich land which I desire to get into red clover. It was recently manured heavily and I know that a cereal crop will grow very rank on it. Now, if barley is used for a nurse crop, would it be advisable to sow the seed thickly or thinly? It seems to me that if I sow thick it will smother out the clover, while on the other hand if it is seeded with barley lightly the crop will be much more apt to lodge.

Do you think it would be better to attempt to seed down to barley, or would it be advisable to sow to clover before laying the corn by?

If the chief aim in this instance is to obtain a stand of clover, and incidentally, of course, to get as much barley as possible, we would advise a light seeding of barley and a comparatively heavy seeding of clover. If there is used from six to eight pecks of barley per acre and the seed is all well covered, the chances are that a fairly good crop of barley will result and at the same time clover will not be crowded out. True, the barley may lodge as the soil is comparatively quite rich, but if it is not too thick the clover will stand a little hardship of this kind.

The plan of seeding in corn previous to the last cultivation is being adopted more and more. We have in mind a number of farmers who have succeeded in a marked degree during the last ten

# Tools and Their Uses

## The Best Tools You have Ever Bought at the Same Prices You have Always paid



HIGHEST GRADE BY SPECIAL TEST

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FARM AND GARDEN HAND-TOOLS

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CLEVELAND, OHIO, U.S.A.

**AMERICAN FORK AND HOE COMPANY**  
CLEVELAND, OHIO, U.S.A.

The above is a reproduction of the title page of "Tools and Their Uses," an extremely valuable book which will be sent free to any of our readers who will write for it to the American Fork & Hoe Co., 1335 American Trust Building, Cleveland, Ohio. No man thoroughly understands his business unless he understands the tools and machinery he uses. This is especially true of the farmer. Be sure and write today to the above address; also, read the article on "Special Purpose Tools" on page 6 of this issue.



years in getting their meadows established in this way. Possibly the most extensive advocate of this plan is Mr. W. P. Adams, of Sac county, Iowa, who seeds down in his corn fields anywhere from one to two thousand acres annually. Mr. Adams rarely, if ever, misses a stand and he sows just before cultivating the corn the last time.

#### CEMENT FLOOR FOR HOGS.

One of our subscribers, Mr. J. D. Vorhees, sends the following communication:

I would like to have the question of hog flooring discussed in your paper. I am particularly interested in the matter of cement floors. The one objection that I see one could raise to this kind of flooring would be that it might induce rheumatism. I would like very much to hear from some of your subscribers who have used the cement floor, stating their experience along this line.

The question of the best kind of flooring for hogs is one that cannot be considered absolutely settled. Undoubtedly, the cement floor answers every practical purpose, and has but the one objection, namely, that it is rather cold during the winter and early spring months. In the case of little pigs, it is almost impossible to keep them from getting on the cement, and of course it stands to reason that this experience does not contribute to health.

Those who have used cement floors are divided in their estimate as to its value. Generally, however, it is necessary to use some wood flooring on at least part of the pen, and for this purpose one-inch lumber answers quite well. Of course, it adds a little to the expense, but if it enables one to save his little pigs, the extra expense is a small matter.

We ask our readers who have had experience with the cement floor to express their views through these columns for the benefit of others. We especially desire to have the disadvantages of this floor set forth particularly regarding the danger of inducing rheumatism.

#### PROPER NUMBER OF CORN STALKS PER ACRE.

The following communication has been received from a subscriber, Mr. J. O. Winship, of Putnam county, Ill.:

Recently I have seen discussions in your paper as to the form of ears of corn and the number to grow per acre. Years of experience have taught me that while three feet six inch rows is the standard width, it is not the best width. Three stalks per hill would give 10,668 stalks per acre, which is too thick; and two stalks per hill would give but 7,112 stalks per acre, which is too thin. Rows should be of such width as to admit of planting three kernels per hill, or narrow enough so that two kernels would produce about the same number of stalks per acre as the three per hill would. With three feet eight-inch rows three per hill would give 9,720 stalks per acre and three-foot rows two per hill would give 9,680 stalks per acre, and at that we are fortunate if we have 9,000 stalks at husking time. This would give us ninety bushels per acre at 100 ears per bushel, or, under very favorable circumstances, ninety ears per bushel would give us 100 bushels per acre, which shows the extreme difficulty of raising over 100 bushels per acre.

My experience teaches me that to increase the number of stalks per acre will diminish the yield rather than increase it. I have found that the largest variety that will safely ripen gives the largest yield. After hundreds of experiments with every type of ear, I find that to greatly increase the number of rows shortens the ear, lessens the per cent of shelled corn, makes it later and difficult to dry out. I find the best type of ear is seven and a half inches in circumference and ten inches long. If larger ears are wanted they might be increased to eight inches in circumference, and as long as desired; but I would rather increase the length than the thickness of the ear.

Ears seven and a half by ten inches will weigh a pound, and at that rate would yield 128 bushels per acre with a stand of 9,000 stalks per acre. I figure as many stalks with two ears as there are barren stalks. I consider eighteen to twenty rows about the right number. I have found that a rectangular grain gives better weight and better yield than an extremely wedge shape; that corn that shells 85 per cent shelled corn will give a better yield than corn that shells 90 per cent; and that moderately rough corn weighs out better than extremely smooth kernels. I have also found that you can run corn out more in three years than you can improve it in five. It takes nearly a lifetime to bring up run-out corn to excellence. You cannot get good seed from run-out corn even though you select good-looking ears, because the ears have been pollinated by inferior and barren stalks. I have found that the yield is fully 33.1-3 per cent better where a high grade of seed is planted than where scrub seed is used. It does not pay to try to bring up the average or to make up for missing hills by planting more kernels in some of the hills.

A number of important points are touched on by Mr. Winship. His ideal ear, for instance, being ten inches long and seven and a half inches in circumference, would make almost an ideal for any man in the corn belt, providing, of course, that it has the shape to yield about 85 per cent of grain.

The plan of choosing corn of rec-

The Homestead has been counting its list of subscribers by states to ascertain what changes have resulted from the various contingencies which cause newspaper circulations to shift from one state to another—such as removals of farmers across state lines, development of new territory or new interests in old territory, etc. The result has demonstrated remarkable stability in Homestead circulation, the proportions in the principal states of the corn belt remaining substantially the same, though there are gains everywhere. Iowa leads with 57,375 subscribers, which, by the way, is many thousands more than any other agricultural weekly published in Des Moines claims in all the states of the union put together. Illinois with 15,930 and Nebraska with 15,044 subscribers come next in order, and the remaining subscriptions, about 12,500 in all, are largely concentrated in the neighboring states of the corn belt.

Of all the agricultural papers, The Homestead carries the largest number of live stock advertisements, representing the greatest number of individual breeders. This supremacy is an all-the-year-round matter and there is no exception to it. It is the result of the two commanding factors of circulation and service. The Homestead has by many thousands a larger circulation than any competitor, and it is concentrated in a homogeneous territory, rich in live stock. Its subscribers are of a better class, demanding the most reliable information and service, such as The Homestead gives. Its field men are just such experts as the stockmen of the middle West like to meet. They are in close touch with live stock conditions everywhere. Their work in the sale ring is universally praised. Their visits to the breeders of this vast, rich territory are productive of mutual information and benefit. Their notes from the field are prolific in matters of interest and value to the 100,000 subscribers of The Homestead. Is it strange, under these conditions, that The Homestead is outstripping all rivals in this valuable feature of an agricultural paper?

There are many ways in which it pays the farmer to advertise. He may need help, male or female, which he cannot secure in his own vicinity. He may have lands to sell or may wish to buy improved or unimproved land for some particular purpose. He may want to find a tenant, or, if a tenant himself, may desire to secure a good farm to operate on shares or for cash rent. He may want to buy or sell a vehicle, or a machine, or a musical instrument, or a set of books, or a business of some kind, or a pet bird or animal, or live stock of some character. There is, indeed, hardly any sort of business transaction involving a considerable sum of money which cannot be promoted at times by the use of printer's ink; and

tangular-shaped grain is also a good one, and for that reason it is not always practicable to go beyond a certain point in the matter of increasing the depth of kernel. A kernel that tends to be rectangular in shape is one with strong constitutional powers, and such kernels usually produce strong sprouts.

We indorse the idea expressed here that corn that shells out 85 per cent is better than corn that shells 90 per cent, and that moderately rough corn weighs better than the smoother varieties. The 85 per cent corn means that there is a certain balance maintained between the grain and the cob, and if you expect to keep up the stamina and size of your corn there must be a cob of fair size. Ninety per cent corn tends to get short in the ear and it also tends to get narrow in the kernel, thereby producing grain that is very hard to plant.

It is also true that corn in three years will degenerate, if not rightly handled, more than can be regained in five years. For that reason we think that it is necessary to fix a type in your mind and select closely to it year after year.

advertising in farm papers of large and extensive circulation is the most effective kind of printer's ink. The farmer's world is no longer a narrow one, bound by his physical horizon. The railroad, the steamboat, the telegraph, the telephone and the printing press are broadening all human relations, and we who till the soil are neighbors to all the world, with closer commercial relations to our fellow-craftsmen in other sections of our own country and other countries than ever before.

For the low price of five cents a word you can become an advertiser in the classified department of The Homestead, and your advertisement will be inserted without additional charge in The Farmer and Stockman, a great farm paper with over 56,000 subscribers, mainly in Missouri, Kansas and Oklahoma, and also in The Wisconsin Farmer, a splendid agricultural weekly of Madison, Wis., which has 34,000 subscribers, mainly in Wisconsin, Minnesota and the Dakotas. The three papers combined have 190,000 subscribers, equivalent to 950,000 readers (as every copy of a paper like The Homestead averages at least five readers) and thoroughly cover ten of the best and most productive states of the middle West, where the farmers have plenty of money to buy what you have to sell. As there is considerable expense attendant upon handling the advertisement in these three papers, we have fixed a minimum charge of \$1.20 for any advertisement. In other words, no advertisement is inserted for less than \$1.20, even if less than twenty-four words. Every number, initial letter and abbreviation counts as one word, including your name and address.

In order to insure insertion in any issue, copy should be in our hands on or before Saturday of the preceding week. Our terms on classified advertising are strictly cash with the order to save the expense of bookkeeping. It will pay you to try this low-priced popular advertising.

None of our advertisers are better pleased with their results than those who use The Homestead alone. They thus avoid the losses attendant upon the use of weak mediums, which are always expensive, even when their rates are low. Mrs. J. W. Bloxham, of Grundy Center, Iowa, breeder of White and Silver Laced Wyandottes, writing under date of March 15th, says: "I have always had splendid results from my advertisement in The Homestead and have never found it necessary to advertise in any other."

Mr. Jasper Lacey, of Neoga, Ill., who recently advertised Mammoth Bronze turkeys for sale, writes under date of March 14th: "The advertisement in The Homestead brought us many sales."

Mr. F. L. Morse, of Floyd, Iowa, breed-

er of several varieties of chickens, writes under date of March 13th: "I have had excellent sales from my advertisement in The Homestead this winter and I thank you for the business your paper has brought me."

The Homestead is happy in the belief that many of its 100,000 subscribers give it the first place in their affections. Here is a letter from Mr. W. M. McCoy, of Tabor, Iowa, who takes two other farm papers and several journals of other kinds, but frankly says that he likes The Homestead best of all of them. He is a subscriber for the Red Letter combination. Equally strong preference is expressed by Mr. J. H. Clayton of Booneville, Miss., who is taking forty publications, but declares that none of the thirty-nine others fills the place of The Homestead, to which he accords "a wide niche, distinctly its own."

A Webster City, Iowa, subscriber expresses appreciation of The Homestead's poultry and live stock advertisements, enumerating them among its interesting and valuable features. This brings out a fact which many intelligent people now recognize, namely, that modern advertising is of great real value to the reader, and that a newspaper or magazine which does not have an abundance of advertising appears lifeless and unattractive. Much advertising of these days is designed and written by specialists and embodies valuable information. The illustrations, too, are often good and suggestive. No one who does not read advertisements can keep fully abreast of the times.

Expressing the opinion that The Homestead is the greatest agricultural paper in the United States, Mr. N. O. Biner, of Cook, Neb., orders our Red Letter Combination, which includes The Homestead, the Chicago Weekly Inter Ocean, the Kansas City Weekly Star, The Homemaker and The Farm Gazette, all of which we offer to our subscribers for \$1.25 a year. This great combination is attracting thousands of subscribers, old and new, and everybody is pleased with it. We advise our readers not to forget the Red Letter combination when ordering reading matter for the year.

"The Homestead is all right in every sense of the word," writes Mr. C. A. Wonderly, of Benedict, Neb. "I have taken it so long that I do not feel like doing without it, as I am a farmer, and not a young one, either. I first read 'Farm Furrows,' Agricola's 'Day by Day,' and Henry Hatch's communications, and follow up with the rest as I get time. I have often thought I should like to attend the Iowa State Fair and get a chance to meet those gentlemen." We trust that not only Mr. Wonderly, but thousands of our other old friends will attend the fair this year and meet the members of our editorial staff there.

covered by the disturbance of the soil by frost.

However, it is our experience that just as good results may be obtained by waiting until the land is sufficiently dry on the surface to stand harrowing without puddling. Then sow the grass seed on the surface and harrow two or three times. It will do the wheat no harm, but on the other hand will in every way improve the prospects for a better crop. As a general thing, the soil of a fall sown crop gets rather firm during the winter, being more or less compacted with the rains and snows, so that the surface is left in a somewhat crusted state. The harrow breaks this up and makes of it a mellow, friable seed bed. We have in mind a number of instances where wheat thoroughly harrowed two or three times early in the spring yielded as much as forty-five or even as much as forty-seven bushels per acre, thus demonstrating that sensible harrowing does not injure the crop.

Working all day with wet feet at this time of the year will cause more sickness than can be cured with a barrel of medicine.

A good type is described by Mr. Winship, namely, corn that is seven and a half inches in circumference, ten inches long and bearing about eighteen or twenty rows. Then, if to this is added a certain degree of roughness on the outer end of the kernel you have a vigorous type of corn.

#### SEEDING DOWN WITH WHEAT.

A subscriber at Wapello, Iowa, sends the following communication:

I have twenty acres of winter wheat which I would like to seed down to timothy and clover. Now, would it be better to seed it down this spring or to plow the ground after the crop is removed next July and sow wheat again along with timothy in the fall?

Winter wheat makes an ideal crop with which to seed down to timothy and clover, and in many cases just as good a stand can be obtained by sowing in the spring as in the fall.

Of course there is a right and a wrong way to do the seeding. A good method is to sow the timothy and clover seed just as early in the spring as possible; indeed, many advise sowing before the period of freezing and thawing ceases. If this is done the seed is apt to be



## Farm Furrows

Turned by a Practical Farmer.

A nail in time saves nine.

Too many farmers keep cows. The cows should keep the farmers.

Those who know, say that after a man has taken a few glasses of rye on board he begins to feel his oats.

The best varieties of fruit to grow are those which sell the best, even if they don't just suit your palate.

Sunshine is as necessary to the little pigs now on the farm as a government license is to the blind pig in the village.

Everything may come to him who waits, but the one who hustles will generally bring himself to what he wants in less time.

Fence the barn yard in so you do not have to spend the time you might be resting in running horses and cattle around the neighborhood.

Some of those, I notice, who held the harrow cart up to ridicule last season have experienced a change of heart and now ride in style behind their drag like other thoughtful men do.

Although a man should select and start his seed corn in a way that will make him feel confident that it will grow, without having his feelings in the matter bolstered up by actual test, it is nevertheless quite a source of satisfaction to run a thorough test anyway, and know for certain that it will not be necessary to replant any of the field.

An eastern editor has figured out a scheme by which an income of \$13,000 is realized annually from a ninety-acre farm. He acknowledges that it has never been tried "off" paper.

South Dakota stockmen interested in different breeds are strongly organized in an association with headquarters in Mitchell. An annual directory and report is issued, a fine sale pavilion has been erected and very successful sales have been conducted, all of which speaks well, indeed, for the citizens of that state.

A farmer we know bought several car loads of lumber last summer from the wreckers of the St. Louis Exposition and after building a fine barn and granary, sold enough lumber to pay nearly the whole bill.

Farmers in the southern states plant Spanish peanuts and let their hogs harvest the crop. Wonder why a variety of this nut cannot be secured that will

## It Tells at the Pail

Give the cows what they need and they will give you what you want. No mystery about it. We don't claim to balance the ration, but we do claim to improve digestion by supplying the animal with exactly what the noted medical colleges and authorities claim the animal needs to increase production. No one can doubt that all growth depends upon digestion—we know that only about fifty-five per cent. of the food of a healthy animal is digested. What the average animal digests we don't know—but Dr. Hess Stock Food will make every cow, steer and hog digest the largest possible amount of food and convert it into profit. If we fed a cow or steer for the same purpose we feed ourselves, they perhaps would not need a tonic continuously. But we make it a business to overfeed

the steer, crowding him to an early market, and that's why they should have something to aid digestion.

## DR HESS STOCK FOOD

the medicinal stock tonic and prescription of Dr. Hess (M.D., D.V.S.) is just what the overfed animal needs. It does not supply additional protein to make bone, muscle, etc., but it does make the food of the farm produce the maximum amount of growth and milk production, besides curing and preventing stock diseases.

Professors Quinlan, Winslow, and Finlay Dun, the most noted medical writers of the age, tell us that bitter tonics improve digestion, iron makes blood and the nitrates assist nature in expelling poisonous material from the system. These ingredients make up Dr. Hess Stock Food—isn't this pretty strong proof? But besides this every pound is sold on a written guarantee.

100 lbs. \$5.00 } Except in Canada and  
25 lb. pail \$1.60 } extreme West and South.  
Smaller quantities at a slight advance.

Where Dr. Hess Stock Food differs in particular is the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic, and this paper is back of the guarantee.

Free from the 1st to 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your failing animals. You can have his 96 page Veterinary Book free any time for the asking. Mention this paper.

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-c-a and Instant Louie Killer.

INSTANT LOUIE KILLER KILLS LICE.



grow in the north. I have seen some that did fairly well.

What inconsistent people there are in the world. Did you ever notice that the man who is generally the loudest in his opposition to "book farming" is always the keenest to give his advice on all points about farming?

I notice that the plan of making use of by-products has entered into the fuel industry and in a southern city of the corn belt a product called "coal-ette" is now being made by molding slack and pitch into handy sizes for stove use.

Happiness is largely a matter of habit. The more often a person makes up his mind to gracefully accept the different conditions of his environment the more fixed will become the habit of being joyful. One need not necessarily be satisfied to be happy.

It is the worst kind of carelessness to watch and care for breeding stock up to the time for them to produce off-

### From Factory to Farm

14-in. Steel Beam Plow, Double Shin  
best that money can build, only

**\$8.65**

12-in. \$7.95  
16-in. \$9.25  
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Sulky Plow \$25  
Gang Plow \$39  
1000 other articles. Big Catalog Free. Special Catalogs of Bugies, Harness, Steel Ranges.  
Best Walking Cultivator, 4 shovel, \$12.00.  
Improved Riding Cultivator, 4 shovel \$19.00.  
Improved Riding Disc Cultivator, 6 Disc, \$24.95.  
Corn Planter, complete, 80 rods wire, \$27.25. Tell us what you want when you write for catalogue. Address

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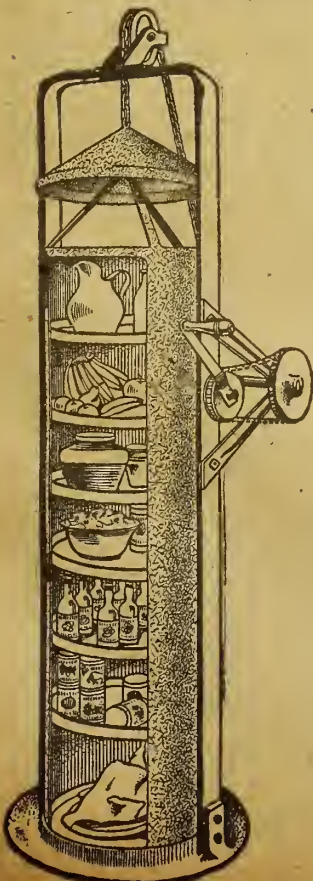
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Best Sewing Machine Gt. equal to any \$50 machine	\$17.50
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Best Walking Cultivator, 4 shovel and Eagle Claws, \$15.95.  
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A refrigerator that keeps meat, milk, cream and butter fresh and cold without the use of ice. A refrigerator that doesn't cost anything to keep cold no matter how hot the weather is, that's the

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The Galesburg will pay for itself in one season by the eatables you save, to say nothing of the saving on ice.

It costs less than a good sized refrigerator and does not cost a cent to keep cold.

It is made of heavy galvanized iron, cannot get out of order, never wears out, can be operated by a child.

We allow you to try the refrigerator for 30 days absolutely without cost to you. If at the end of that time you do not want it, send it back at our expense. The Galesburg is the greatest invention of the age; learn all about it from our illustrated booklet, it's yours for the asking.

Send for a copy today—it's free.

**GALESBURG CORNICE WORKS**  
10 E. Ferris St., Galesburg, Ill.

spring and then fail to be on hand at the critical period. No man ever built up a very large bank account by such methods. It would be just about as reasonable as to leave the harvest field for a month's vacation.

A good grafting wax may be made of resin, four parts; beeswax, two parts, and tallow, one part, each by weight. Melt all together, then pour in vessel of cold water. When cool enough, work it like taffy until light colored. Interest the boys in top grafting and other forms of plant grafting and they are more likely to do less grafting in other things.

The government formula for a durable exterior whitewash, as well as that made with skim milk, has been found to be a very satisfactory article for small farm buildings and fences where the surface is unplanned or weather-beaten. I have just tried a new recipe which promises to make a durable coat and very cheap. Mix together fresh slacked lime, two gallons, and salt, two pounds. Dilute to a thick cream, and add soft soap liquefied at the rate of one pound to fifteen gallons paint. When applied it does not show much color, but turns white when dry.

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The Roof Book covers the whole subject of roofs for residences, barns, cribs, poultry houses, outbuildings, stores and factories. You can get a free copy by simply asking for it. With the aid of the illustrated Roof Book, you can lay a waterproof and fire-resisting roof on any kind of a building and be absolutely sure of a handsome, economical and satisfactory job. The Roof Book tells how to make valleys, gutters, etc. Gives directions for making the cuttings and flashings around chimneys, skylights and fire-walls. How to make all joints water tight. How to measure a roof. How to cover old shingle roofs. How to make poultry houses vermin proof. No matter what you want to know about roofs, you'll find it all in the Roof Book. It explains the waterproofing, toughening and flint coating processes that make our famous No-Tar Roofing safe, durable and economical. No-Tar Roofing is cheaper and better than shingles, steel, iron and other roofing material. Keeps any building warm in winter and cool in summer. Unsurpassed for siding, as

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GOOD PAY, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentices, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.

well as roofs of poultry and stock buildings. It is entirely free from coal tar. Non-odorless, vermin proof. If the old shingle roof on your house or barn is leaky, better get the Roof Book and learn how you can cover the old shingles with No-Tar Roofing, at small expense and avoid all roof troubles. In addition to the free Roof Book the Heppes Company will send you free samples of No-Tar Roofing, and tell you ten ways to test it and prove its superiority. Send postal for free Roof Book to the Heppes Company, 2481 Fillmore St., Chicago, and get posted on the roofing question. See advertisement on page 13.

### THE SECRET OF PAINT DURABILITY.

It is impossible for paint to give satisfactory service unless it is made of pure materials, properly mixed to suit the requirements of the work and properly applied. Adulterated paint, no matter how fancy its name or the so-called guarantee that goes with it, is never durable. It is bound to crack, scale and fade. The real secret of durability in paint is the use of pure materials. The Carter White Lead Company, of Chicago, Ill., makers of the famous Carter strictly pure white lead, have just published a very valuable booklet called "Pure Paint." This booklet tells how to distinguish pure paint from adulterated, and how to save money on your paint bill. This is really a valuable book, but it can be secured free of charge, together with six beautiful color schemes, by any of our readers who will write the Carter White Lead Company, Dept. D, and ask for it. This firm have been making strictly pure white lead for more than twenty-five years and are in a position to give reliable advice on anything pertaining to paint. Do not fail to write for the booklet. It will save you money. See advertisement on page 9.

### CHEAP ONE-WAY RATES.

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.



# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## GOOD EARLY PASTURE FOR HOGS.

There is no inquiry submitted more frequently to the editor of this paper than that relating to the establishment of hog pasture. The situation in thousands of instances in the corn belt is simply this: The meadows and pastures are possibly not fenced hog-tight so that hogs cannot be turned into them, or, it may be that newly seeded-down fields have been killed out so that at the last moment one finds himself obliged to seed down something that will make a growth quickly, so that sows with their pigs may be turned to pasture in good time in the spring.

Mr. F. B. Chapman brings up the subject at this time, and says:

I have no hog pasture and am anxious to start one as early as possible in the spring. What would you think of the plan of sowing oats and clover together and turning the hogs in when the crop is about eight inches high? If this plan were adopted, would I stand any chance of getting a stand of clover after pasturing it all summer? Any plan that you can suggest that will help me out of the dilemma will be keenly appreciated.

The sowing together of clover and oats early in the spring is one of the best solutions for the difficulty for the time being. However, the mixture, unless the growth of clover is exceedingly strong, does not last long, as the oats send up woody stems and soon become unpalatable. Hog pasture, as a rule, is not only needed during May and June, but is needed the whole season, and for that reason it is better to sow a mixture that will remain green longer.

Rape alone or a mixture of rape and clover, if seeded early, generally gives good results. If the hogs are kept off until there is a growth of six or eight inches it is surprising how much pasturing the rape crop will stand.

There is another mixture that has been tried and found to answer the purpose fairly satisfactorily under certain conditions. We refer to the practice of sowing fall rye in the spring along with rape. By sowing six pecks of rye and five pounds of rape seed per

## A Budget of Real Letters

Here's a "Budget" of real letters written by farmers and stock-raisers in their own language and handwriting.

If you enjoy reading the actual experiences of your fellow farmers telling how they have battled and conquered scab in sheep.

How they have stopped disease among their hogs when they were dying off at a rapid rate; how they have rid their stock from ticks, lice, fleas, mange and eczema.

How they prevent these scourges gaining further foothold—this "Budget" will particularly interest you.

You will get a lot of valuable information that may be the means of saving you hundreds of dollars.

These letters were sent to us by farmers who have used Dipolene—that great germ destroyer, preventive and cure of all farm stock diseases.

They are actual, positive evidence that there's nothing you can get which will prove as good, safe and sure a means of keeping disease off your farm as Dipolene.

Dipolene is a pure coal tar preparation that is perfectly harmless—non-poisonous. It promptly cures scab, mange, eczema, etc., kills lice, ticks, fleas, and when sprinkled around barns, sheds, pens, in troughs, etc., is a positive preventive of all stock diseases.

As a dip it is effective and economical. One gallon makes 100 gallons of strong solution. Will not discolor or injure wool or feathers and is beneficial to skin.

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Is a remedy every farmer should have on hand and use occasionally. It's the best insurance against loss from disease you can get.

Let us send you this "Budget of Real Letters" to prove our claims. They are better arguments than ours—they are actual facts.

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Telling Their Experiences with DIPOLENE In Their Own Handwriting.

To convince you of its true merit without risk we allow you

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Buy a can at your dealer's—

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it 30 days, if not as represented send it back

at our expense. Isn't that fair?

You can't afford to risk loss by not taking

advantage of this liberal offer.

Marshall Oil Co., Dept. D-1, Marshalltown, IA



acre a very satisfactory mixture of green food will result. The rye instead of shooting up like oats and barley and heading out, will grow more or less incumbent in its nature and largely produce leaves. In some cases it will remain green all summer, or at least through June, July and August. If it is not too severely pastured the rape comes on and will furnish excellent fall feed.

We have in mind a case where a five-acre pasture of this kind last year furnished practically all the pasture needed for 125 hogs from the first of June until winter. Of course these hogs were fed grain every day, but most of the time was spent on this mixture.

## A GOOD WAY TO SEED ALFALFA.

The following communication has been received from a subscriber, Mr. Paul F. Werner, of Doniphan county, Kan.:

In a recent issue of your paper one of your subscribers from Doniphan county, Kansas, gave his experience with alfalfa, so I thought I would express a few thoughts on the same subject. I have had excellent results from plowing land early in the spring and keeping it in a good state of cultivation until about the first of August. Alfalfa of all crops must be seeded on a well-prepared soil or it will not flourish. The cultivation destroys weeds in addition to bringing the soil into a fine state of tilth. If you sow the alfalfa in the spring you will find it necessary to cut the weeds back with the mower two or three times and, all things considered, I think it is much better to destroy the weeds with cultivation and therefore give the crop every possible chance after it is seeded. Of course it requires considerable labor and your soil is producing nothing part of one year, nevertheless I think alfalfa is a crop that will pay well for taking this time with the preparation of the seed bed.

The plan here suggested works exceedingly well in many cases. It corresponds somewhat closely to the plan of summer fallowing land for winter wheat.

In many cases where oat, wheat or barley stubble is plowed in July or August, in order to prepare the soil for alfalfa, the land becomes so dried out that there is not enough moisture to germinate the seed. It is not uncommon to have the seed remain in the ground several weeks in the fall before it germinates, and when this is the case the crop hardly ever makes out enough to go through the winter satisfactorily.

Up to the present time the matter of obtaining a stand of alfalfa is by no means an exact science, and we are not

sure but what the plan here suggested comes as near being a scientific plan as any other method that has been advocated.

## RENTING ON THE SHARE BASIS.

The following communication has been received from an Oklahoma subscriber:

I have a 240-acre farm fenced hog tight. There are on it three hogs sheds fifty feet long, windmill pipe lines, two houses and good improvements generally. Now, if I should rent it on the basis of the renter furnishing half the tools, half the work stock, half the seed, half the cows and half the hogs, what proportion of the increase and produce should go to the renter and what part of it should be mine?

Something depends on the value of the land per acre. We know of many instances where land is rented on this basis and each, that is, both renter and landlord, receives half of the increase. For instance, in the case of the cows, the renter, of course, does the feeding and uses feeding stuffs that are grown on the farm but the returns from the milk and butter are divided equally. The same would be true as applied to the hogs. If a thousand dollars' worth of hogs are marketed before the lease expires the landlord receives \$500 as his share, and the renter \$500.

As a rule, it is the custom for the renter to furnish all the work horses, but there is no reason why the arrangement mentioned here could not be carried out; that is, each to furnish half the work horses.

It sometimes happens that very desirable tenants are available who do not have the necessary capital to invest in half the stock, and in that case the plan followed necessitates that the renter pay interest on half the valuation of all live stock that is left on the farm.

## FERTILITY IN CLEARED TIMBER LAND.

The question of fertility in cleared timber lands has been brought up in the following communication:

How do you account for the richness of cleared lands when timber has been removing fertility from such land for fifty years? It seems to me that if a forest does not reduce the amount of plant food in the soil a crop of corn should not either. Does not the fact that cleared lands are rich indicate that plant food comes largely from air and water.

It appears that this writer has fallen into a very common error. With a few facts and a little more reasoning it is easy to show the fallacy of the writer's argument. Now the statement about the forest removing fertility is contradictory. The growing trees have not removed an ounce of fertility, not even enough to grow a leaf, unless the trees have been removed as fire wood or lumber. Year after year the leaves fall to the earth, returning a large part of the plant food used. The roots have drawn on sources of plant food deep in the soil, bringing to the surface indirectly through the leaves mineral plant food that the average crop would never reach. In thirty or fifty years, as the life of the tree may be, the very essence of the fertility in the soil for many feet below the surface has been gathered and deposited on the crust in the form of leaf mold. In this form it is easily available by plants when incorporated in the seed bed. The log that is eventually removed represents but a very small part of the plant food secured by the roots.

The plant food taken from the soil by a crop of corn or other plant is a different question. The grain is always removed and frequently the whole plant. Practically nothing remains except the

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A New Edge Drop "The Perfection"

1—Short Coupled, Wheels gauge Depth Perfectly. Light Draft.  
2—Two Disc Marker. No ropes or shifting of marker to bother with.  
3—Side Valve at Cut Off. Plants all the big grains.  
4—Thoroughly Tested last year. Splendid Results.

Corn Raisers everywhere should carefully consider this machine. Send for new catalog of our Implements, Wagons, etc., especially mentioning this Planter. Write a postal today.

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## An Active Retired Farmer.

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roots. There would certainly be no comparison of the amount of plant food removed in this way for thirty or more years with that removed by the tree.

Chemical analysis of the soil show that it supplies a large part of the plant food required that cannot be obtained from any other source. In the growing plant carbon, from which the woody tissues are largely formed, is taken directly from the air by the leaves. Nitrogen from the atmosphere must first be fixed in the soil by legumes before it can be appropriated by the plant. Water is the medium for transporting plant food.

The Homestead and The Homemaker, \$1.25 per year.

## How Much Paint to the Can?

UNCLE Sam sets the Standard Measure for a gallon at 231 inches. The "HIGH STANDARD" PAINT can has 231 inches inside. Every time you buy a "HIGH STANDARD" gallon can, you get a gallon of paint. Every time you buy a 28-inch-inside can, you get short measure—even though it is filled to the brim.

Every size can of "HIGH STANDARD" is full U. S. Government Standard Measure of paint—not capacity only. So when you are offered paint a trifle "cheaper" than Lowe Brothers, see if the quantity is there.

But paint quality is the real consideration, after all. That is where the real economy comes in—satisfaction and service.

## Lowe Brothers "High Standard" Liquid Paint Gives Best Results

in spreading and covering, working and wearing—a difference of 30 to 50 per cent. over "cheap" paint which quickly proves its costliness.

"HIGH STANDARD" PAINT is made of the materials which a third-of-a-century of practical and scientific paint-making has proven to be best; mixed and milled, ground and reground, by powerful machinery to an indescribable fineness and a perfect union of solids and liquids. "HIGH STANDARD" PAINT is sealed in air-tight cans—which keep it always fresh and good—and marked with "The Little Blue Flag"—Your Protection.

There is a Lowe Brothers Paint for every use and a Lowe Brothers dealer in nearly every town. Write us for nearest dealer's name and our practical booklet, "Paint and Painting." Mailed Free.

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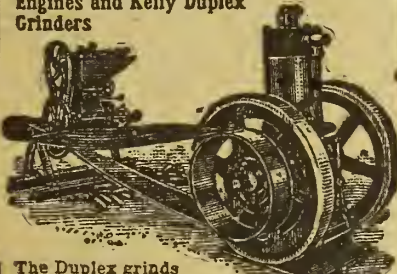
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**The Howe Standard**  
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# POTATO GROWING,

BY JOHN B. IRWIN, MINNESOTA.

The potato business, as it is carried on today, has been varied to adopt itself to the conditions of the different localities. But the most advantageous way of planting and growing and harvesting the crop is now practically the same in all sections, and the same methods can be used with early as with late potatoes.

Near the city of Minneapolis we find it much to our advantage to raise early potatoes on sand loam and late potatoes on the heavy clay. With good management we can usually have early potatoes in the market 80 to 90 days from time of planting, and yielding from 75 to 200 bushels to the acre. If the season is early we find little difference between fall and spring plowing on heavy or light sand, but fall plowing is the safest, as it is firmer. We use a hand cutter which by a lever forces the potato between knives so placed as rarely to miss one or two eyes on a piece and a good man or boy will cut 50 bushels per day.

For planting we use the machinery which drops one row, making ditch and covering as it goes. We leave the ridge left by the planter over the potato row, as that gives a chance for the sun to better the soil, and, furthermore, when we harrow crosswise, to the rows, it takes down these ridges leaving the ground in and near the rows absolutely free from growth of weed or weed seed to germinate, as about two and a half to three inches of the ridge is taken off.

By cultivating quite deep and close to

the row the first time, all of the ground not worked up by the planter is loosened which is especially desirable on fall plowing.

Then a weeder is very nice to smooth down the surface and leave a dust mulch after rains to conserve a moisture. Our paris green sprayer covers four rows at once and requires a boy or man and one horse. We hill the potatoes a little the last time we cultivate and after we go through and dig them with horse digger the ground is ready and level, ready for a crop of corn fodder or fall silage for cattle.

For ten years we have planted from the 10th to the 15th of April, and before we plant oats, and though we always have frost after that, and once on the 30th day of May our potatoes, four to six inches high, were frozen down, they came on and did well. Though they do not get above the surface for a month after the planting even at that early time, the difference will be easily noticed in the maturity of the crop.

The Early Ohio is the standard variety with us and if we choose they will remain in the ground to be dug in the fall with little injury unless from grubbing or excessive rains rotting them in low places.

There are other varieties that may be as good or better, but the Early Ohio seems to be a standard in most markets and we want the best shipping as well as local prices at our command.

## TREATING POTATOES FOR SCAB.

The following communication has been received from a subscriber, Mr. L. V. Hall:

I wish you would give me some directions for treating potatoes for scab. Planting time is near at hand and I find that my potatoes are slightly scabby. I understand they will be all right for seed providing they are run through some kind of a dip.

Possibly one of the simplest scab remedies is to use formalin and water in the proportion of one pound of the former to thirty gallons of the latter. Formalin is a liquid which, from a chemical standpoint, is 40 per cent formaldehyde and may be obtained from any druggist. It is a powerful disinfectant, though when it is diluted with water it is not a poison. Of course, it must be handled with care in its pure state, as it is very strong.

The best way to treat potatoes is to take the mixture of formalin and water in the proportions named and place in a tank, hoghead or barrel, then immerse sacks containing the potatoes and leave them to soak for a period of two hours. If the potatoes are placed in a gunny sack the mixture will freely penetrate and thoroughly operate on the scab.

After leaving the potatoes in the liquid two hours, scatter them on the ground or on the floor so that they will be rapidly dried.

While under ordinary circumstances the treatment named above will insure a crop that to a large extent is free from scabbiness, at the same time we do not think it is a good policy to use potatoes for seed that are very scabby. In the first place, when this disease goes beyond a certain point it affects the "eye" or germinating part of the potato so that one is apt to fail in getting a good stand of potatoes. However, if the surface of the potatoes are only slightly affected and it is not practicable to find clean seed, it is by all means advisable to take the time to run them through the formalin treatment.

## Special Purpose Tools.

No more valuable work relating to the farm and garden has been issued than the book, "Tools and Their Uses," the front cover page of which is reproduced on the first page of this paper. The American Fork & Hoe Company, 1335 American Trust Bldg., Cleveland, Ohio, is sending it free to readers of The Homestead on their request.

"Tools and Their Uses" deals with a subject of growing importance to all tillers of the soil, and one which has never before been so fully handled—that is, hand tools, hoes, forks, rakes, weeders, cultivators, etc., and particularly the new special-purpose hand tools brought into use by the constantly widening ex-

tent of intensive agriculture and the cultivation of new kinds of crops.

Besides the many requirements for farm and garden hand tools, the desire and oftener the necessity of saving time and labor in this day of large production, high wages and scarcity of help, have led to the invention of a tool for every kind of work, thus adding to the number of special-purpose tools now in demand.

It is certain that nothing can replace hand tools; nothing else will do the careful work and put on the finishing touches which count so much and produce the dollars of profit.

The book, "Tools and Their Uses," goes interestingly into the methods of making the famous True Temper line of farm and garden hand tools. It is free from technicalities and is fully illustrated. The making of a representative tool is described and pictured, stage by stage, from the raw material to completion. The book abounds in illustrations and explanations of the uses and possibilities of tools.

It is pointed out that in the manufacturing of True Temper tools, the principles of mechanics are closely studied to give every part just the exact degree of strength required, and the precise shape necessary to enable the farmer to work perfectly with them.

The relative weight of the two ends of each tool is evenly distributed; the leverage and the fulcrum points are mathematically adjusted; the bends, dips and gathering sweep are formed with studied accuracy.

That is why they "hang" so perfectly. The right hang is something you cannot see or well define, but you can feel it, and you know it the instant you get a well-made tool into your hands.

Every True Temper tool also has its weight and strength adjusted and equalized according to the purpose of that particular tool. The waste of strength and the loss in dollars and cents in using clumsy tools, or tools not suited to the work, are figured out with this observation:

It takes more time and muscle to do poor work with a poor tool than it does to do good work with a good tool—A True Temper tool.

Unsuitable tools are to be avoided, just as you would avoid poorly-made tools. Your wife's scissors will cut wool, but you don't shear sheep with them.

You could cut wheat with a mower, but you would not think of doing it that way. The old-fashioned spade is cast aside for the modern spading fork.

You don't pitch hay with a manure fork. You would waste time and effort if you did.

There is fully as much to be gained by using the proper tool for each and every kind of field and garden work.

The gardener cannot succeed if he attempts to cultivate his plants with hoes built for the cotton or tobacco industries.

The cotton planter cannot afford to waste

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time and effort by attempting to use garden hoes to work his cotton crop.

Where is the farmer who would use an old-fashioned scoop, after he had once seen and used the scoop fork for handling corn, potatoes, onions, beets, turnips and all kinds of vegetables, without bruising or injuring them?

A chapter is given each class of tools. The farm scenes, reproduced from photographs, would make the book worth preserving.

Altogether it is a noteworthy addition to the farmer's library. None should be without "Tools and Their Uses," and none need be, since a postal card will bring a copy, if addressed to the American Fork & Hoe Co., 1335 American Trust Bldg., Cleveland, Ohio.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 100,000, reaching a farm population of at least 550,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGGS for hatching, Barred Plymouth Rocks exclusively. Guaranteed fresh, fertile and true to name, 25 years experience, matings better than ever this season, satisfaction guaranteed, prices low, circular free. H. M. Jones Co., Graceland Farm, Berwick, Iowa. Shipping point Des Moines, all express companies.

FOSTER'S Barred Rocks cleans the platter at Southern Iowa Poultry Show. If you want to win buy eggs from stock scoring to 93. One dollar per sitting, five dollars per hundred. Write for circular. Albert Foster, Russell, Iowa.

THE QUALITY of my White Plymouth Rocks will produce prize winners. My poorest mating is headed with a \$25 male bird direct from Fisher. Eggs from my yards are 15, \$3.00; 30, \$5.00. It. C. Shetler, Van Wert, Iowa.

BARRED Plymouth Rock eggs. Also a few extra cockerels left. Finest flock of large, big bodied, blocky, high scoring, 200 egg per year producing hens. Low prices. Write me. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

STANDARD BRED Barred Plymouth Rocks exclusively. No better bred birds than ours. Eggs, \$1.50 per 15; \$2.75 per 30. Write us if you want good ones; we have them. A. W. Nickols, Box 637, Indianapolis, Iowa.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

BARRED Plymouth Rocks. Chicago and New York winners. Heavy laying strain. Eggs only \$2.00 per 15. Ten chicks guaranteed. Circulars. Sherwood Clock, Hampton, Iowa.

KENNEDY'S Barred Rocks. Eggs for hatching, \$1.00 per sitting; \$4.00 per hundred. From extra good layers. No culls shipped. Write J. S. Kennedy, Blocton, Iowa.

BARRED Plymouth Rocks exclusively. Large bodied, good layers; 15 eggs, 75c; 30 eggs, \$1.25; 100, \$3.50. Satisfaction guaranteed. Mrs. G. W. Saunders, Marceline, Mo.

BARRED PLYMOUTH ROCK eggs, four best American strains, \$2.00 per 15. White Wyandottes, White Quill strain, \$1.00 per 15. J. M. Knowles, Stockport, Iowa.

BARRED Plymouth Rocks exclusively. Twelve years a breeder. Eggs, 15, \$1.00; 30, \$1.75. Large deep bodied birds, good layers. D. E. Donahay, Newton, Iowa.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 60c per doz. Mrs. John Holmgren, Elmore City, Ia.

BARRED ROCKS—Eggs for hatching. Ideal strain, 15 for \$1.00; 30 for \$1.75. Satisfaction guaranteed. Mrs. Lizzie Lemke, Merrill, Iowa.

EGGS—Pure bred Barred Rocks, guaranteed fresh and fertile. 75c per 15; \$1.25 per 30; \$3.50 per 100. S. A. Linn, Independence, Iowa.

WHITE Plymouth Rock eggs for hatching from fine, large bodied birds of Fisher strain, 15 for \$1.00; 100 \$5.00. C. J. Rose, Ogden, Iowa.

PURE BARRED ROCK EGGS, farm range, 75c per 15; \$1.00 per 100. Larger lots cheaper. Mrs. K. Gilt, Route 2, Merrill, Iowa.

WHITE ROCKS, Fishel strain, high scoring farm range; 15 eggs, \$1.00; 30, \$1.75; 100, \$4.00. D. W. Crouch, Ogden, Iowa.

BUFF PLYMOUTH ROCK eggs, \$1.00 for 15. Pekin duck eggs, \$1.00 for 12. Mrs. J. W. Martin, Mason City, Illinois.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

BARRED ROCK EGGS, 25, \$1.00; 100, \$3.00. Mrs. C. H. Medbury, Wadena, Iowa.

## LEGHORNS.

PURE ROSE COMB BROWN LEGHORNS. Eggs, 15, \$1.00. Rates on fifty or more. Baby chicks 15c a piece. My mite remedy free to every purchaser. Cheap as dirt. Mrs. Ida Standiford, Reading, Kan. "Up-To-Date" Farm.

BROWN LEGHORNS, Single or Rose Comb, eggs; also a few Rose Comb cockerels left. Finest flock of heavy layers, excellent 225 eggs per year. High scoring. Prices low. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

ROSE Comb Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazel Dell Poultry Farm, Chas. Lyman, Clarinda, Iowa.

LEGHORNS, Single Comb White, exclusively. Eggs for hatching, breeding and prices right. Write for descriptive circular. I guarantee satisfaction. H. M. Humphrey, Lake City, Iowa.

ROSE COMB BROWN LEGHORNS exclusively. Twenty eggs, one dollar; one hundred four dollars. Strong, healthy and extra good layers. C. E. Lister, Iowa City, Iowa.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York prize winners. 25, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

ROSE Comb Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

S. C. B. LEGHORNS are the kind that lay. Eggs from prize winning stock, \$1 for 15, \$5 per 100. Mrs. Rosa Gardner, 1103 Walnut St., Osage, Iowa.

ROSE COMB Brown Leghorns, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 30, \$1.00. E. B. Shinn, Route 3, Brighton, Iowa.

S. C. W. LEGHORNS, Exclusively, standard bred. Choice select eggs, 15, 75c; 30, \$1.00 per hundred. Geo. Gaul, Tipton, Iowa.

ROSE AND SINGLE COMB Brown Leghorn eggs. Prize winners in pens. Mrs. Clyde Nelson, Birmingham, Iowa.

## TURKEYS.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

EGGS—White Holland turkeys, from selected young stock; plenty of size. 11 for \$2.75; 22 for \$5.00. J. H. Shirky, Norborne, Mo.

## RHODE ISLAND REDS.

MY HANSEN STRAIN Single Comb Reds win wherever shown. Eight prizes, Greenfield, Ill. Three prizes on three entries, State Show, Macomb, Ill. Three prizes, Illinois State Fair. Eggs, \$1.50 per 15. Few cockerels, Harry I. Crane, Grafton, Ill.

SINGLE COMB Rhode Island Reds. Greatest egg producing breed. Prize winning stock. Eggs \$2.10 per 15. Ten chicks guaranteed. Write Louis Carter, Hampton, Iowa.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State. \$2 for 15. C. A. Kenworthy, Oskaloosa, Ia.

ROSE COMB Rhode Island Reds best winter layers. Eggs from prize winners, two dollars for fifteen. H. A. French, Algona, Iowa.

SINGLE COMB Rhode Island Reds exclusively. Eggs sold under high hatch guarantee. Address, H. W. Bolton, 5, Denison, Ia.

SINGLE COMB REDS exclusively. Eggs, \$1.00 and \$1.50 per sitting. Also incubator eggs. Mrs. G. E. Ostheimer, Eldora, Iowa.

RHODE ISLAND REDS—Eggs, one dollar sitting, six dollars hundred. G. Weiser, Humboldt, Ia.

GRAND Rose Comb Reds. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## WYANDOTTES.

WHITE WYANDOTTES exclusively, Noxall strain. Here is quality and utility, birds are pure white, good shape, good combs, and great layers. Eggs, \$2.00 per 15; \$3.50 per 30. Geo. Houge, Slater, Ia.

WHITE WYANDOTTES, three entries, Chicago 1906, won first pullet, second cockerel; three entries, 1907, first pullet, second and third cockerel. Write for circular. W. E. Fowler, Route 2, Rochelle, Ill.

WHITE WYANDOTTE EGGS, \$1.00 per 15; \$1.50 per 30; \$4.00 per 100 from pen scoring 93 to 96. \$2.50 per 100 from range flock. Mrs. Ira J. McKinley, Melrose, Iowa.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

BURD'S BUSINESS BREED, White Wyandotte winners. Eggs, \$1.00, \$3.00 per 15; \$5.00 per 100. Folder free. Write Maple Dell Farm, Route 4, Lee, Ill.

WHITE WYANDOTTES exclusively, good blocky great layers. Book your order early for eggs at 75c, 15; \$1.25, 30; \$3 per 100. H. G. Bodwell, Hamilton, Mo.

WHITE WYANDOTTE cockerels, hens and pullets for sale. They are beauties; eggs from high quality stock, \$2 per 15. S. W. Harr, Riverside, Ia.

WHITE WYANDOTTES. I will sell a limited number of eggs, \$1.00 for 15, from my prize winners. Geo. Aid, Gallatin, Mo.

## LANGSHANS.

BLACK LANGSHAN EGGS from high scoring stock, \$1.50 per 15; \$3.75, 45. Typical Black Langshan shape and color. Mrs. Sarah F. McKeen, Sac City, Iowa.

BLACK LANGSHANS. Exhibition stock for sale, with individual records, some obtaining a score of 96½. M. O. Braaten, Whitewater, Wis.

BLACK LANGSHAN EGGS from prize-winners and stock scoring 92 points. \$1.00 per 15; \$1.50 per 30. Mrs. M. A. Barnes, Leighton, Iowa.

FIFTEEN Black Langshan eggs, \$1.00; 100 for \$5.00, from fine large stock. Catalog free. Address, Margaret C. Daly, Anamosa, Iowa.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Phillip Stalcup, Lorimer, Iowa.

## ORPINGTONS.

BOGARDUS' ORPINGTONS—S. C. Buff and Black. First prize winners at Chicago, Cincinnati, Hagerstown. Send stamp for mailing list. Twelve grand yards. Eggs, \$3 and \$5 per 15. O. A. Bogardus, Warsaw, Ky. Box H.

ROSE COMB BUFF Orpington and Rose Comb Brown Leghorn eggs, \$1.50 per 15. Eggs from stock, 100, \$3.00; 200, \$5.00. Mrs. J. W. Floyd, Gentry, Mo.

GRAND Single Comb Buffs. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## BRAHMAS.

LIGHT BRAHMA EGGS from high scoring stock for sale, 15 eggs, \$1.00; 45 eggs, \$2.50; 100 eggs, \$4.50. J. G. Goddard, Deep River, Iowa.

EGGS from high-scoring Light Brahmans, \$1.25 per 30; \$3.75 per 100. Mrs. A. J. Applegate, Gilmore City, Iowa.

LIGHT BRAHMA EGGS, \$1.25 per 15; \$5.00 per 100. N. VanBuskirk, Blue Mound, Kansas.

## MINORCAS.

ROSE COMB MINORCAS—They lay twenty dozen eggs a year. Eggs for hatching from prize stock. Illustrated circular free. G. A. Clark, Seymour, Indiana.

S. C. BLACK MINORCAS—Non-sitters, best of layers; 15 eggs, \$1.50. Geo. A. Blackburn, Dunbarton, Wis.

## MISCELLANEOUS POULTRY.

BLUE RIBBON Poultry Club won this winter 40 first premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Sebright and Black Thai Japanese bantams, Bronze turkeys, Rouen ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter, (secretary), Clarinda, Iowa.

MAMMOTH Bronze turkey eggs, 25 cents each; Toulouse geese, 15 cents each; Pekin ducks, \$1.50 per 15, \$2.25 per 30. Single Comb Brown, White and Buff Leghorns; Rose Comb Brown and White Leghorns, \$1.25 per 15, \$2.00 per 30. Single Comb Buff Orpingtons, \$2.00 per 15. Mrs. Wm. Gulda, Osgood, Iowa.

BUFFS EXCLUSIVELY—Single and Rose Comb Leghorns, Orpingtons and Rocks. Breeding pens are best ever owned, winning first in leading shows. Stock and eggs for sale. Satisfaction guaranteed. F. W. Buchanan, Route 2, Guilford, Indiana.

EGGS FOR HATCHING—35 varieties turkeys, ducks, geese and chickens. Winners of 35 prizes at last fair and poultry show. Incubators and brooders for sale; 4c for 65-page catalog. Larkin & Herzberg, Box O, Mankato, Minn.

IRA GREGORY, originator famous Yellowshire strain Barred Plymouth Rocks, Bronze turkeys, Pekin ducks. Twenty years reliable and winning kind. Breeders and eggs for sale. Ira Gregory, Box P. P., Lexington, Ill.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

SINGLE COMB Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92½ to 94½ points. Eggs for hatching 75 cents for 15, 100 for \$3.00. Mrs. William Hudson, Lohrville, Iowa.

MAMMOTH BRONZE turkey and White Wyandotte eggs for large stock of extra quality and outstanding individual merit. Farmer's prices. W. S. Henderson, Browning, Ill.

READY NOW—S. C. Rhode Island Red and Black Langshan eggs. Four pens; Reds, \$2 and \$1.50, Langshans, \$1.50 and \$1. J. L. & L. Raymond, Hampton, Ia.

EGGS from pure prize winners. Single comb Brown Leghorns and Barred Plymouth Rocks, 50c per 15, or \$3 per 100. Pearl McKibben, Barney, Iowa.

EGGS—S. C. W., S. C. B. Leghorns, B. P. Rocks, Pekin ducks, 34 firsts 1907. Write for circular. Mrs. Sven Skele, Story City, Iowa.

EGGS from Rose Comb White Leghorns, Barred Rocks, 75c per sitting; \$1.00 per hundred. Circular free. F. Wendt, Aiden, Minn.

WHITE ROCKS scoring from 91-95. Eggs, \$1.50 per 15. Pekin ducks, \$5.00 per 100. Stuart Industrial Academy, Stuart, Iowa.

FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Aledo, Ill.

## BLACK SPANISH.

WHITE FACED Black Spanish exclusively for 11 years world's fair winners. Eggs \$1.50 per 15, \$4.00 per 50, \$7.50 per 100. H. W. Chestnut, Centralia, Kan.

## DUCKS.

WILD MALLARD decoy ducks, farm raised, guaranteed pure wild, broke for hunting, per pair, \$3.00; eggs, \$2.00 per 12. S. J. Barnett, Gerlaw, Ill.

FARM RAISED Rouen ducks, \$1.00. Drakes, \$1.25. Eggs, \$1.50 per eleven. Will J. McCarty, Route 5, Amboy, Ill.

## DOGS.

RATS! My Scottish Terriers will make them git. Very fine puppies, males \$10, females \$7; pedigree with sale. Bred bitches \$25. Registered and expert raters. S. W. Harr, Riverside, Iowa.

PEDIGREED Scotch Collies for sale at reasonable prices. John Fagan, Cumming, Iowa.

## DAY BY DAY

Agricola

Queer isn't it, or is it? When you hear your preacher quote Hicks or any other long range weather prophet approvingly, you at once put a bargain counter value upon his scriptural expositions.

One thing is to Agricola a constant enigma: The more stupid the pig the keener his eye for a hole in the fence.

I lately heard an amateur phrenologist say that you can estimate a man's brain power by looking at his head. Well, if he is a farmer it is not necessary to even see his head. Just look at his fields and his stock. A farm is an enlarged picture—more than a picture—an exposition of the farmer.

A certain spunky woman in one of her daring heart to heart talks epitomizes the above thus: "I can judge of a farmer's brain power by the kind of bull he keeps."

Burn up the rubbish of the farm and dooryard, and in the meantime burn last year's blunders out of your mental area. Hold fast only to the good. Grit is good; gumption is better.

Good intentions too often flatter us.

They are promising now, but they do not always count up well at corn husking time.

As to the anti-child-labor crusade: Neglecting to teach the child to work is neglecting that part of its education which makes the other part valuable.

The well-bred man does not quarrel with his neighbor about the color of the hair of his horse, his wife, his cow, his pig, his baby, or anything that is his neighbors' except his religion. Sometime he may not quarrel about that, realizing that the ten thousand different shades and hues of religious color are merely different expressions of the white light of divine love.

Increased popularity enlarges a man's chances to make a donkey of himself. Moses lost nothing in the end by retiring for forty years in the wilderness.

It is the small shredder that is the most dangerous. This is a regrettable fact, for the time seems to be coming when the farmer must do most of his own work, and he needs to do it with his own machinery and manufacture what he grows into the final form in which he feeds it.

The large shredder has self feed tables. The small shredder has to be fed by hand and the aperture gets clogged of-

ten and the temptation to push the stalks between the small snapping rolls is very strong. Safety levers will stop the rolls from drawing the hand in further, if you can reach them, but too much has already been done before there is need to use the safety lever.

The way for a woman to get up-to-date machinery is to convince her husband that her time is valuable.

Seneca lived as long ago as the birth of Christianity and some of his original aphorisms are good yet. Here is one: Human happiness is lodged in the soul, not in the flesh.

Does it pay to raise trees for fuel? Probably. But if we "come to a full stop" after the word "trees" the answer is an emphatic yes. It does pay to raise trees.

The disk plow has few friends in this locality, but the few it has are sanguine. It is not recommended by even its friends for plowing sod, but for sticky, gumbo soil, and also for dry hard soil it is more than the peer of the mold board plow.

It does really look as if the reason why the fanning mill is not better appreciated is because it is cheap in price. If its cost were \$500 every farmer would

want one. And when he had one, he would use it.

This is not a syllogism, but it is nearly as conclusive: Dark, musty corners are the nurseries of disease germs. Sunshine is Nature's germicide. Roll up the window curtains.

Veterans at the Leavenworth, Kan., Soldiers' Home, recently ate poisoned hash and several hundred were taken to the hospital.

## THE ROOF OF A BUILDING

determines more largely the life of the building than any other part of its construction. All know it is necessary to have a good foundation, good structure and then a good roof. The best kind of foundation and structure will soon give way to the elements of time and weather unless they are protected. The foundation is never built with the intention of being fully exposed to the weather. Its qualities are of a supporting nature and not of a protective nature, which latter quality belongs to that of the roof. A building is no better than its roof. Some builders make the mistake of thinking that because the construction of a building is poor, a good roof need not be built. We believe this is a mistake. The weaker the building, the more necessary it is to have a good roof which will protect the weak parts of its makeup. Ruherold roofing is made to stand the test of time, which means that it must be weather proof and fire resisting. It contains no tar or paper and will not rot, crack, tear or melt. Write for prices and samples to the Standard Paint Company, to their general office at 100 William St., New York, or their branch offices as given in the advertisement on page 5. Mention The Homestead when writing.



# CLASSIFIED ADVERTISEMENTS

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## REAL ESTATE.

300,000 ACRES rich farm lands for sale in tracts to suit purchaser in the Great Fertile Northwest Texas. Price \$5.00 to \$20.00 per acre, terms 1/3 cash, balance ten years' time at 6%. Beautiful gently rolling prairie, entirely free from stone and gravel, all susceptible of cultivation; soil chocolate loam two to four feet deep; plenty rain, good water, good titles. Write for further information. Tell us how many acres you will buy if suited. Leslie Brothers, De Kalb, Mo.

WHY NOT COME to Redwood County, the garden spot of Minnesota? There never was a better time to make profitable investments in improved farms than are offered here now. I have a number of snags with high-class improvements. 600 acres adjoining this town site, \$45 per acre; 150 acres, one mile, \$35; 250, five miles, \$30; 160, five miles, \$30. For further information, write A. J. Weldon, Wabasso, Minn.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

320 ACRES FAIRM in Sherman County, Kansas. 60 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, Goodland, Kan.

FOR SALE—500 farms, stock ranches in Kansas, Missouri and Texas. Before you buy, sell or exchange, write for our free list, giving full description, location and price. We suit you in quantity, quality and price. F. H. Humphrey, Ft. Scott, Kan.

IF YOU WANT a fruit ranch, if you want to make money, invest in Lake Chelan fruit lands, big developments this spring; new railroad and development of immense water power assured. For information write C. G. Tidout & Co., Chelan, Wash.

OKLAHOMA 25 CENTS—Oklahoma colored new state map and book describing soil, crops, rainfall, climate, church, school and social conditions, with free information mailed on receipt of 25-cents. James M. Powers, Lawton, Oklahoma.

WE SELL Iowa farms, Canadian, Texas and Western lands. List your land or business with us. We can sell it wherever located. Canada lands a specialty. Western Land Company, 321 West 4th Street, Waterloo, Iowa.

CENTRAL MISSOURI FARMS—For farms and homes that will prove both satisfactory and profitable, write for new illustrated list; 160 farms described and priced. Geo. W. Hamilton & Son, Fulton, Missouri.

FOR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

## REAL ESTATE.

EIGHTY-ACRE FARM—40 acres plow, balance pasture and meadow; 9-room house, new granary, small barn, all in good repair; school house, 20 rods, 5 miles railroad town; rural delivery and telephones, enough timber for firewood; German and American neighborhood, 5 miles to Catholic church. Price, \$2,100, \$1,200 cash, balance easy. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

EIGHTY ACRES timber land, new set of buildings, good well, 5 miles from town, one mile to school and church, 2 miles to creamery, 20 acres cultivated, 5 acres meadow, balance timber pasture. Price, \$2,500, easy terms, \$300 down. Buildings would cost to build now, \$1,200. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

CASH FOR YOUR PROPERTY wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 390 Bank of Commerce Bldg., Minneapolis, Minn.

EIGHTY ACRES, 2 1/2 miles from Anoka. Good buildings; 70 acres plow land; some timber; 12 miles from Minneapolis. Tools included. Price \$3,900, one-half time. W. H. Palmer, Anoka, Minn.

EIGHTY ACRES sugar beet land, Hamilton Co., Kansas; 2 miles county seat; 55 acres under ditch, Arkansas Valley land, \$40 acre. Mortgage \$1,800 (trade). E. H. Johnson, Peabody, Kansas.

340 ACRES within 80 rods of the city limits of a city of 7,000 people; good black soil, clay subsoil; \$25 per acre less than market value. Write us for particulars. Santee Bros., Cedar Falls, Iowa.

FARMS FOR SALE in corn belt. Improved and wild lands for homes and investments. Irrigated and northern land. Write for new list. A. W. Baird, Marne, Iowa.

IDAHO, MISSOURI, AND SOUTH DAKOTA, Ranches, farms, and lands, for sale cheap and on easy terms. Write for lists to R. F. Buller, Hailey, Idaho.

FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargain. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

MONEY GROWS in Canada in the wheat fields. I will help you procure these fields. Write me for information. Asberry Singleton, Gladstone, Manitoba, Canada.

FOR SALE—153 acres, \$37 per acre, best of soil, plenty of fruit. Close to school and church; good buildings, some timber. B. F. Conn, Blakesburg, Iowa.

FOR SALE—160-acre farms to actual settlers, easy payments. Address, Wm. H. Bush, 248 Adams St., Chicago, or James A. Bush, Amarillo, Texas.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone, \$30 to \$40 an acre. M. Wight, Iantia, Barton Co., Mo.

A GOOD FARM FOR SALE—160 or 500 acres, three-quarters of a mile from depot. G. H. Watson, Barry, Illinois.

## REAL ESTATE.

IF YOU WISH to trade your farm for city property send full description and let us know what you want. Globe Realty Company, 716 Northwestern Building, Minneapolis, Minn.

RELLEW & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

PATENTS, Trade-marks, Labels, Copyrights. Send for my free book, "How to Get Them." Best service. Why not have it? It costs no more. Send description for free opinion of patentability. Advice free. Joshua R. H. Potts, Lawyer, 80 Dearborn St., Chicago; 306 Ninth St., Washington.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hnssey, Des Moines, Iowa.

## HORTICULTURE.

STRAWBERRY PLANTS—75 varieties; catalog telling how to grow them, sent free. D. McNally Co., Sarcoxie, Mo.

STRAWBERRY GROWING taught at home. Book free. H. T. Schild, Ionia, Mich.

DAHLIAS—Twenty kinds, \$1.00. Catalog. H. Burt, Taunton, Mass.

## GASOLINE ENGINES.

EIGHT Horse Power, Callahan Gasoline Engine cheap; guaranteed. L. Bendit, 1300, W. 11th St. Kansas City.

## CATTLE.

A FEW CHOICE Aberdeen Angus bulls for sale at farmer's prices. Best blood strains. Write or come. Satisfaction guaranteed. James Ferrier, Mason City, Iowa.

RED POLLED CATTLE. Special prices for 30 days on good cows and heifers, bred. Write for booklet and particulars. O. P. Russ, Ravenwood, Missouri.

## HORSES.

FOR SALE—Native bred Percheron stallion, all right every way. Would trade for other property. C. W. Ramsey, Oakley, Iowa.

## MISCELLANEOUS.

TRY THEM FREE. Simply write for our Eye Tester; then send us your tests and we will make spectacles or nose glasses (your choice), fitting your eyes exactly, and mail them to you. Try them five days and if they are just right—the best you ever saw—remit \$1.00. If not, don't pay a cent. Guthrie Optical Co., Guthrie Center, Iowa.

TYPEWRITERS—All makes, all prices. Large stock of 22 makes to select from; prices 1/2 to 1/3 manufacturer's prices. Slightly used and factory rebuilt machines our specialty; full guarantee. We ship on approval anywhere. Write for bargain list. B. F. Swanson Co., 222 Fifth Street, Des Moines, Iowa.

EGG PRESERVER—Best known; keep fresh a year at one cent dozen. Take 10c eggs and sell for 25c. Send 50c for recipe to W. Tennant, Guthrie Center, Iowa. Reference, Homestead.

CREAM! CREAM! Send us your next shipment that we may convince you that profits will be increased by shipping direct. Des Moines Creamery Co., Des Moines, Iowa.

BOYS AND GIRLS—Premiums given for simply sending names of your neighbors. Ask for particulars. Downee, 2900 Washington Ave., St. Louis, Mo.

MANLOVE AUTOMATIC GATE. Send stamp to secure valuable souvenir free. Manlove Gate Co., Milton, Ind.

## HOGS.

FOR SALE—Proud Advance 39272, and Hunter's King 43169. Large, fancy Poland China boars, tried breeders. Great herd headers for some good breeder. Write for prices and descriptions. J. R. Sparks, Box 23, Hunter, Okla.

DUROC JERSEYS, heavy boned, lengthy kind, good colors; weigh 80 to 100 lbs each, \$10.00 to \$12.00. Buy my pigs and save high express charges. W. H. Johnson, Spickard, Mo.

DUROC PIGS at weaning, either sex \$7.00; pairs not akin \$12.00; trios \$16.00. Order now. Hilcrest Farm, Bryant Building, Kansas City, Mo.

## AGENTS WANTED.

AGENTS WANTED to sell our remedies. Horses, dogs and poultry. They are endorsed by owners, breeders and fanciers. Liberal terms. Chance to make money. We give and accept references. Address for particulars, Oleg Remedy Company, 132 East Twenty-third St., New York City.

## ANGORA GOATS.

WELL BRED Angora goats in pairs or any number to suit. W. L. Dale, Bassett, Neb.

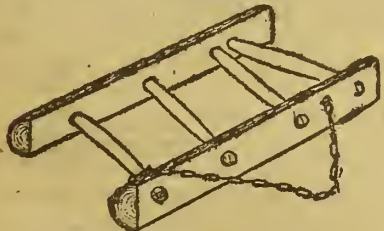
REGISTERED Angora bucks. Elmer Culver, Route 1, King City, Mo.

## ABOUT THE ROAD DRAG.

Interest in the road drag is being manifested more strongly than ever, judging from the number of inquiries received. One of these reads as follows:

As I have become much interested in working roads with the road drag I would like to have you kindly print full description of one and directions for use. A neighbor near by has kept a model road with nothing but an old log drag.

The first advice that we would offer anyone about to make his first road drag is to make it as simple an affair



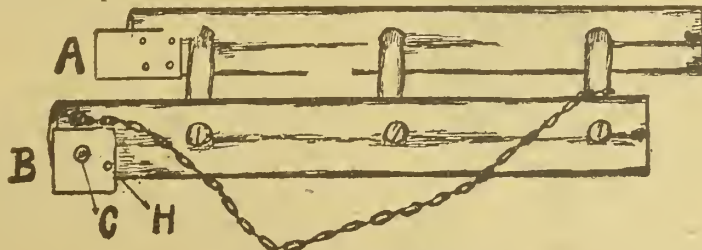
THE SPLIT LOG DRAG.

as possible. There is no need of buying expensive lumber if you have a good, straight log or railroad tie on the place. Neither is there any need of having steel shoes and other attachments made to start with.

If a log is used it should not be too heavy and its length may vary from seven to nine feet, though eight feet is a good measurement. The halves are secured in position by cross pieces of tough timber, as shown, and the faces of the halves are commonly two and a half feet apart. Remember that the halves are not directly one behind the other, as they are sometimes placed by mistake. When you have tried a drag for a season, made according to the first illustration, then you are in a position to make improvements.

A great many people use the drag in the way of a grader, in which case the surface of the road may be dry. To secure the result originally intended by the road drag, the work should be done soon after a rain, when the surface is wet and can be molded into shape rather than graded. Use a slow team, drive

up one side of the ruts and down on the other side. This will not only smooth the surface, but pack it also. Continue



THE DRAG AS A GRADER.

to do this whenever needed and you will notice an improvement in the road each year.

Our second illustration is the idea of the Hon. C. C. Dye, of Decatur county, Iowa. This kind of a drag is to be used on roads where there is more or less erosion and it is necessary to widen the driven road by cutting in the bank alongside and fill in the center of the road. It is made according to the following directions: To any ordinary drag made of a split log or sawed timber, bolt on a piece of sheet steel shaped from a plow share or lay, as shown by letter (a). The piece should extend out from the end of the log about six inches and is about six inches from top to bottom. When it is desired to cut into the road bank, the team is hitched nearer to the shod end of the drag than usual and this throws the projecting edge of (a) into the bank. The attachment (b) is intended to cut a deeper gutter on the side of a flat road. It is made from the same material as (a) and is permanently bolted onto the log at (c), extending below the lower edge about two inches. The bolt (h) may hold the plate in either one of two positions. When not desired to use the plate it may be put out of commission by removing (h), turning the plate on the pivot (c) and rebolting in the new position with (h) through a hole made for that purpose. In this position the edge of the plate facing (b) in the present position will be even and parallel

with the lower edge of the face of the log. When the lower edge of the logs have become worn off, a steel or iron

shoe may be put on, but it should not cover much more of the edge than the forward half.

## The Week in Kansas.

This has been the most remarkable week of weather ever experienced in Kansas, in the month of March. It has been double-distilled essence of spring and summer weather. As a result of it, trees are fast coming out in leaf, pastures are green, the wheat is waving in the wind, while the flowers on all fruit trees and on the flowering shrubs along the creeks fill the air with their sweetest perfume.

Had we been told that spring was going to come to Kansas all in a week, we would not have believed it ten days ago. As soon as two weeks ago we were planning on this not being a very early spring, as it did not seem possible, but wonders have been performed by the last nine days of weather. Oats sown on this farm one Saturday were making the drill rows green the next Saturday, and now the field is green, twelve days after the seed was sown. At some time during every day the thermometer registered better than eighty, and the nights were very warm. With this for temperature, and the soil in the prime of condition, everything just had to grow. It was unable to help it. It was forced to do some rapid growing.

The wind has been in the southwest

every day for ten days, some of the time blowing what the daily newspapers refer to as a gale. This evening it has shifted to the northern quarter, for the first time in two weeks, to stay there for any length of time. The southwest wind has simply brought the temperature of the far Southwest along with it, and now we are hoping the north wind will not bring us, in a like manner, the coolness of the North. A freeze now would do damage, and we must not allow it within the borders of the state. If there is danger of its coming, we must get up a heat in some way, to counteract it.

The daily papers have been filled with "green bug" stories for several days. The latest reports have it that the "green bug" has been blown "from the devastated wheat fields of the Southwest," into the wheat belt of Kansas. A report from Salina tells of the pest being seen in fields there. Inasmuch as the interest in the Thaw trial was lagging, the daily press probably felt that something to liven matters up was needed. The "green bug" has done it.

There are clouds this evening. They may mean rain. A shower would do no hurt, but we need no more. Long days are now utilized by field work, and we're getting along so well that we would very much dislike to be hindered by unnecessary wet weather. Henry Hatch.

Coffey Co., Kan., March 27, 1907.

## ALL THE STOCK LIKE IT.

All the stock like a good stock food, especially at this season of the year when fodder is getting stale and a whiff of the green pastures comes floating to the herds and flocks confined in the yards. This is the result of artificial conditions which are imposed upon stock by present methods. In the wild state, animals are able to secure necessary spring tonics by eating bark, roots and other things of similar nature. Not so with the stock that is dependent on food which man supplies them—they must take what is given. If the food is not adapted to their needs, they suffer. The Prussian Stock Food Tonic is a tonic suited to the needs of stock when conditions of an artificial nature make the system torpid. Write today for the stock raisers' manual to the Prussian Remedy Company, St. Paul, Minn. Kindly mention The Homestead when writing. See page 19.



## OUR DAIRY DEPARTMENT.

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## The Dairy Barn.

To the Editor of The Homestead:

In building a dairy barn, care should be taken to have a gentle slope from the barn in at least one direction, affording good natural drainage for both barn and yard. If the barn is already built and poorly located, draining and grading will do much to remedy the evil. In most cases it would take but a small amount of labor with plow and scraper when the ground is in suitable condition to handle, to give the surface of the yard a slope from the barn sufficient to carry off the surface water. Even if dirt has to be hauled in from outside the yard to accomplish this, it will not be expensive.

The dairyman needs a warm, well-lighted and well-ventilated barn to shelter his cows. The size depends upon the number of cows that are to be kept or capacity of farm.

I prefer a basement barn or rather a barn built on a hillside, with the side of the barn up against the hill or some way that leads to a second story. This gives ventilation and doorways on the ends and side of barn. The basement is best made of stone or brick, but if this is deemed too expensive a wall under the one side that stands next the hill will be sufficient and the other three sides may be of frame, or cement walls may be constructed in many instances cheaper than rock or brick, as a handy man can build a cement wall himself and the only cash out will be for the material used. The stable for dairy cows should be well lighted and ventilated. It should have tight walls and ceiling and a sound floor. Dairy cows, when crowded into dark and dirty stables, cannot be expected to produce as much milk, nor milk with as wholesome properties as those provided with clean, airy quarters where the sunlight enters through numerous windows and where the foul air of the stable is replaced by pure air without subjecting the cows to injurious drafts. Tight walls and ceilings prevent excessive loss of heat in cold weather, and thus contribute to the comfort of both cow and milker. When on full feed, the dairy cow is

hard worked and less able to withstand extremes of weather than is other stock, for her energies are then being exerted in the direction of production rather than self-preservation. It is not only more humane, but more profitable to keep her warm by making the stable comfortable, instead of compelling her to use large amounts of expensive food in maintaining her body temperature. In the dairy barn no one thing is of more importance than a sound, impervious floor. The benefits derived from such a floor when properly constructed are, the animals are more comfortable and, hence, more profitable. The manure may be saved and applied to the land without loss. Stables are cleaned with less effort. Cleaner milk is produced, which commands a higher price.

One of the great leaks on the farm is the constant loss of fertility occasioned by the wasting of manure. When the liquid as well as the solid manure finds a ready escape through cracks and knot holes, with no means of regaining it, the possible profits of the farm are greatly reduced. Within the past few years the use of cement and concrete in making an impervious floor for dairy cattle has become quite general. In fact, the cement floor is looked upon by dairymen in the more progressive regions as essential. Its first cost is somewhat greater than that of a wooden floor, but when its durability and convenience are considered it is by far the cheaper. The fact that it is permanent adds greatly to the importance of its introduction and use in all dairy regions where so many cows are kept and the conservation of manures is such a vital problem. In cold weather cattle on cement floors must be well bedded, else there may be injury done the udder by coming in contact with the cold cement. It is advisable to haul the manure directly to the field from the barn, but if this is not feasible it should be removed at least 200 feet from the barn. In no case should it be allowed to accumulate against or near the dairy barn and no swine pen should be nearer than 200 feet, on account of the odors being readily absorbed by milk. It helps one a great deal in arranging stanchions, stalls, etc., to visit some good dairy farm and see how others have done the work and what little conveniences experience has developed. Many of these things are advertised in the papers, and circulars may be obtained for the asking that will help to solve some of the

## The Empire proves its claims

CLAIMS are words, proofs are facts.

Mere claims have often sold goods. Proofs are a record of dollars made.

You, or any one else, don't want the cream separator that *claims* the most. You want dollars from your handling of milk.

Therefore you want the *proved* separator, the dollar-making

## Frictionless Empire Cream Separator

Here are some *facts* that will interest you: The Empire Turns the most easily—is practically frictionless;—Is most easily washed—a few simple parts without a cranny or crevice in them;—

Gets all the cream, and the highest quality of cream at that;—

Is durable—will not get out of order—will cost you practically nothing for repairs.

These facts spell dollars for you, if you give them the opportunity.

## Let Us Prove Them

Send for our new catalogue and proofs. Ask for our free dairy books too. They cost you *nothing*, but will show you where you can make *dollars*.

**Empire Cream Separator Co.,**  
Bloomfield, N. J. Chicago, Ill.



# STRENGTH

DURABILITY

SIMPLICITY

no other separator so strongly built, or so simple in construction.

## Sharples Tubular Cream Separators

get all the cream, have low supply can, are easy to run, easy to clean, because there is only one little piece in the bowl to cleanse after each running, and the machine oils itself. It combines **Utility, Simplicity and Durability.** A glance at the pie-plate construction of most separators will give you a fair idea of what we mean by "simple construction" and "strength." For full information about the Sharples Tubular write for booklet E. 121



Mr. R. Carpenter, Davenport, Wash., says "Having used a Sharples Cream Separator over sixteen years can say it is just fine."

**THE SHARPLES SEPARATOR CO.**  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.

problems that confront the individual who has determined to go into the dairy business. Don't be afraid to ask questions or seek information from older and more experienced persons, for invariably they will take as much pleasure in imparting advice as you will in receiving it.

New York.

J. P. Fletcher.

### Side Helps to the Balanced Ration.

To the Editor of The Homestead:

The balanced ration is absolutely essential to the economical production of milk; but, while this is true, the balanced ration will not be nearly so effective when the cow is poorly sheltered, abused or irregularly milked, fed or watered as it would be were all these rules observed.

Therefore, I feel that the articles I have written on dairy rations would not be complete without adding the side helps. Take, for instance, the matter of shelter. The dairy cow is delicately organized and cannot withstand the chilly blasts of winter and the cold spring and fall rains and produce milk economically. The fattening animal converts a great deal of its food into fat and can withstand cold and inclement weather without difficulty. If compelled to, the milk cow will do the same, but her purpose is not to produce beef. I can look back, not altogether without remorse of conscience, to the time when I used to compel my dairy cows to run in the stalks every day except the stormiest days, when I thought I was very merciful to fill the racks with hay and leave them in the lot.

I never thought of keeping them in the barn during the day as I did my horses. Oh, no! that would cause too much cleaning. But we do learn a few things by dear experience, and when I found that my cows were not even paying for the feed they consumed I began looking around for the cause. I subscribed for the best dairy papers, secured all the bulletins I could bearing upon experimental feeding and care of dairy animals, and I soon found that I had been on the wrong track.

I first began stabling my cows night and day and starting them on a balanced ration on the seventh day of January. I was at that time low on milk and thought it a good time to experiment. I was only milking four fresh cows and two strippers. They were only giving eighty-five pounds a day. By stabling night and day, except when they were turned out to water, and feeding a balanced ration they increased their flow by January 20th to 144 pounds per day. At this time other fresh cows

## A Money-Maker For You

Works Quicker, Easier — Lasts Years Longer than Others. Clean Skimming Guaranteed.

Own an Illinois and you'll get more profit from every cow. Experience of thousands of farmers and dairymen proves it. Don't buy a cheap Separator—you'll be sorry. Get the best. The speed mechanism of the Illinois is much heavier than on ordinary separators, yet it runs with less work. It's easy to turn, easy to clean. No vibration. Low down supply can. Handles fresh or cold milk.

## The ILLINOIS Dairy Separator

is equipped with the wonderful Turbine Disc Bowl

built with the accuracy of a watch. Free from crevices, corrugations or cups. Always in balance. Strong, smooth, cleanable. The Illinois will last a lifetime. Get ALL the butterfat. Get our

**Big Free Catalogue**

American Hardware Co.  
Dept. 8 Ottawa, Ill.



## "STOP RUNAWAY"

The ZIEGLER Neckyoke Center is insurance against broken poles and runaway teams.

Pole can't let down. Never breaks; years of wear. Only practical center. Simple and costs less than the other kind.

"ASK THE DEALER."  
ZIEGLER NECKYOKE CO., Coffeyville, Kans.  
Write Today for Free Illustrated "Story of a Runaway"

were added, so we did not continue the experiment longer; but, suffice it to say, they made material improvement in their flow after this for some time and maintained their flow throughout the winter. The best cows I had, I had been condemning simply because they had not had a chance to show their ability.

Experiments along this line at the Indiana station show that three cows, kept in a warm barn at night and turned out in a lot in the daytime, produced, in forty-eight days, 161 pounds less milk than a like number of cows kept under the same conditions, except that they remained out only an hour each day. The better sheltered cows ate less feed and gained 231 pounds, while the exposed cows lost thirty-three pounds in live weight. When we notice also from this experiment that these exposed cows were partly sheltered from the winds by an open shed in the day time and had a comfortable barn at night, it does not require a very fertile brain to figure out the reason why many cows on our



farms are not economical producers. There are other side helps, such as plenty of light in the barn, ventilation, etc., of which we have no data, but which are essential just the same.

Our purpose, however, in these articles is to bring out the improvements which any farmer can make with very little extra cost and will put dollars in his pockets. Of course there are some cows that no amount of care or scientific feeding would make profitable milkers, but, my dear fellow farmers, before you condemn your most faithful servants, give them a chance to redeem themselves and I will guarantee you will be blest in the act. O. O. Brewbaker.

Monthly Variations in the Cream Test.

To the Editor of The Homestead:

Nearly every creamery patron has, at one time or another, noted a variation in the different cream tests that are sent him regularly with the pay check from the creamery. Not infrequently the correctness of the test is doubted. An examination of the factories' method of testing usually reveals no cause for this difference and it is often a perplexing matter to know the cause of the variance. The fact is there is a considerable number of causes that may act separately or together in a way that can cause wide difference in the monthly report issued by the creamery.

The cream separator is a common cause. Where it is run by hand and especially by boys, as it commonly is, or by inexperienced help, there is an easy chance to produce a cream of uneven richness. Slow turning results in thin cream, as a greater amount of milk finds its way through the cream spout than where the machine is run faster.

The separator is therefore the first thing to investigate, as it is naturally at the fountain head of all the trouble. The only remedy is more careful manipulation. If the separator is being operated at the same speed, and skimming

the same amount per hour, from one month to another there ought not be any great variation in the test of the cream.

The introduction of fresh cows into the herd, which is not unusual at this time of the year, may result in changing the uniform richness of the milk and consequently the cream by allowing more of the skimmed milk to pass out the cream spout. For example, suppose a herd was near the end of the period of lactation. There would be a great deal of strippings in the milk. The test should run quite higher than when those same cows were fresh and were giving their full yield of milk, that is, if the cream screw on the separator remained unchanged.

Sometimes the cream hauler is to blame partly for a variation, in the test. If he is careless in taking samples he can easily get different samples mixed. Or he can take a sample that will not be representative of the cream in your offering. He may forget to stir it and take a sample that is largely composed of the richest cream on the top. Again his sampling tube may be filled from the bottom of your can. Of course, if he gets the richest one time and the thinnest another in equal proportions, the result will probably be about right. Nevertheless a careless way of taking samples may be one of the sources for the variation.

There are a great many causes that may tend to create this variation. It is just as likely that the trouble may lie with the seller of the cream as the buyer. It is well in any case, however, to learn the reason for the variation of the test. Dairyman.

Stack & Hultine Make \$95 Average.

The sale of Short-horn cattle made by Messrs. Stack & Hultine, of Harvard, Neb., on March 20th, made an average of \$95 on twenty-seven head sold. The sale was well attended and the good things of the sale were picked up at good prices. The top price paid was \$177.50 for the great cow, Nebraska Belle, a daughter of the great Scotch bull, Goldie, she going to Messrs. G. B. Lobb & Son, of Clay Center, Neb. There was an extra good lot of bulls in the offering and they sold at prices very satisfactory to the owners. Below is a list of the purchasers: Sweet Auburn, John Brady, Kearney, Neb. .... \$130.00 Daisy, W. H. Carper, Harvard, Neb. .... 105.00 Duke of Mirth, Chas. Fitzinger, Harvard, Neb. .... 67.50 Pussy 3d, Willie Lorimer, Harvard, Neb. .... 72.50 Saronville Duke, John Brady, Kearney, Neb. .... 62.50 Grand Duke, same ..... 62.50 Grover, C. E. Anderson, Harvard, Neb. .... 67.50 Kathleen, G. C. Sheer, Harvard, Neb. .... 120.00 Duke of Glencoe, A. G. Roberg, Saronville, Neb. .... 90.00 Togo, John Brady ..... 87.50 Kuropatkin 2d, O. C. McVey, Stockham, Neb. .... 62.50 Clayton, Jacob Hamberger, Harvard, Neb. .... 70.00 Roderick Dhu 3d, Frank Deringer, Harvard, Neb. .... 92.50 Favorite, John Brady ..... 72.50 Scott Wallace, S. J. Johnson, Harvard, Neb. .... 85.00 Truelove 6th, John Brady ..... 135.00 Banker, C. J. Lovegreen, Harvard, Neb. .... 90.00 Nebraska Belle, G. B. Lobb & Son, Clay Center, Neb. .... 177.50 2d Admiral Thickset, H. B. Mizner, Harvard, Neb. .... 90.00 Bella, James Stack, Harvard, Neb. .... 135.00 Rose of Knox 5th, John Brady ..... 100.00 Young Rose, same ..... 137.50 Maud Gonne 2d, same ..... 112.50 Joe Kelly, Geo. Yost, Harvard, Neb. .... 65.00 Young Duke, John Benson, Saronville, Neb. .... 107.00 Prince of May, G. W. Phillips, Harvard, Neb. .... 80.00 Wildwood Duke, P. M. Sheer, Harvard, Neb. .... 95.00

Whittington-Harris Poland Sale at Redfield, Iowa.

The weather man was undoubtedly laying for the above named gentlemen when they chose the 13th day of March to hold a combination sale at the above place. Roads were almost impassable. However, a good crowd came out, as they had good prospects of seeing some nice stuff. In this they were not disappointed, and Mr. Whittington's consign-

IMPORTANCE OF BUYING CREAM SEPARATORS THROUGH LOCAL AGENTS.

This heading voices a most important consideration in the purchase of a Cream Separator, and points a most serious objection to the purchase of such a machine by the "mail order" method, even if good separators were sold in that way.

While the Cream Separator is a simple machine when once understood, it is nevertheless of the greatest possible importance that it be set up and started just right, and that the user have the brief personal use instruction necessary in its handling and operation. If not, it may mean several years of difference in the life of the machine and a good many dollars of difference in the results from its use.

Then, no matter how carefully used, things do happen, even to the best of separators. It makes a lot of difference if you have a competent man near at hand to tell you just what is wrong and how to fix it. It makes even more difference to be able to get necessary repair parts right and quickly, instead of having to send off to some distant concern for them, which only sells machines somebody else makes, and whose employees would not know a separator if they saw it, and the parts for which are more likely to be wrong than right when you do finally get them.

All this is the business of the local agent for DE LAVAL machines. It is just what he is expected to do for users. Of course, he makes a small commission out of it, but the user can mighty well afford to pay that commission, and it would be a big mistake to try to save it, even in the purchase of a good separator. It is still more so in the purchase of the kind which is sold in the "mail order" way.

The buyer of a Cream Separator should never lose sight of the big DAILY difference in dollars-and-cents results between the good machine and the poor one. A DE LAVAL catalog, to be had for the asking, helps to make plain these differences.

**THE DE LAVAL SEPARATOR CO.**  
RANDOLPH & CANAL STS. CHICAGO General Offices: 173-77 WILLIAM STREET MONTREAL  
1213-15 FILBERT STREET PHILADELPHIA 74 Cortlandt St. 14 & 16 PRINCESS ST. WINNIPEG  
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Use Carter Strictly Pure White Lead, mix with pure linseed oil and dryer, and you will have fresh paint that will look better, wear longer and cover more than any canned paint mixture or substitute for pure white lead.

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is every atom paint. None of the clay, chalk, water, benzine, etc., that cause ordinary imitation paints to scale, crack and fade. Gives any desired color. Sold by reliable dealers everywhere.

Send for our booklet, "Pure Paint." Shows six beautiful color schemes, and tells how to properly paint farm buildings. Tells how to test white lead and detect adulterants, and will save you money. Sent FREE.

Address Dept. D,  
CARTER WHITE LEAD CO., Chicago, Ill.  
Factories: Chicago - Omaha.

SAVE 20c PER SHEEP ON EVERYONE YOU SHEAR WITH THE NEW STEWART SHEARING MACHINE ONLY \$9.75

If you have but five sheep it will pay you to own this wonderful shearing machine. It does not cut or hack sheep like hand shears. 4 Combs & 4 Cutters, and gets one pound and over more wool per head. It shears any kind of wool easily and quickly.

WE GUARANTEE IT FOR 25 YEARS All gears are cut from solid metal, not cast; all the driving mechanism is enclosed from dust and dirt and runs in oil. 95 per cent of all the shearing machines used in the world are Stewart patents. Send \$2.00 with your order and we will ship C.O.D. for the balance. Our valuable Free Book—"More Profit in Shearing," by the champion shearer of the world, will interest you. Send for free copy and our big new catalogue showing the largest line of shearing machines on earth. It will pay you. Send today. CHICAGO FLEXIBLE SHAFT CO., 234 Ontario Street, CHICAGO.

Yes, Something New!

THE Monarch Cream Separator

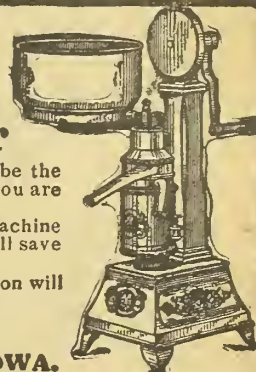
is a step in advance of all others. We guarantee it to be the lightest running and most convenient machine made. If you are needing a separator, why not get one up-to-date?

We have fewer parts to wear out, therefore it is a machine of longer life. It will not only save all your cream, but it will save your strength. Why buy a man-killer?

If we have no agent in your town, our cash proposition will save you money.

Write us for free catalogue and state the size of your dairy.

LISLE MFG. CO., Box 39, CLARINDA, IOWA.



Just Write the Davis Boys For a Catalog and Prices Today

They will send it by return mail post-paid and you will be surprised at the low, reasonable prices they are asking for their improved 1907 model



We Manufacture the Davis

DAVIS CREAM SEPARATOR

direct from their large factory. They'll quote you straight Wholesale Factory Prices if you write today and answer this ad, and save you 20 to 50% if you want to buy a standard, up-to-date cream separator. Note out of new machine in this ad. It's a little beauty with the small, wonderful, cone bowl, always in balance because it's made so true it balances itself. Therefore bound to run easier, more easily regulated to skim close and produce heavy or thin cream. Low supply can, large capacity, simple enclosed gearing, easy running, easy to clean. It's made of best materials and fully guaranteed. They prepay freight and guarantee safe arrival at your nearest depot. Say on a postal or in a letter right now, "Send me your Money Saving Catalog No. 118" Davis Cream Separator Co., 541 North Clinton St., CHICAGO, U. S. A.

ment averaged \$41.75, with \$72.50 for top price and only one selling below \$30. The boys created quite a sensation when they drove their herd boar, Osborne's Perf. 119141, into the ring. He is a 500-pound yearling and measured ten and one-half-inch bone on sale day. The two gifts bred to him brought \$81. A large number of mail bids came, but few landed anything. Colonel L. L. Luther secured the following prices:

- | Lot.                                  | Price.  |
|---------------------------------------|---------|
| 1. E. H. Jackson, Jefferson, Iowa...  | \$40.00 |
| 2. I. H. Wasson, Linden, Iowa...      | 72.50   |
| 3. M. V. Leeper, Redfield, Iowa...    | 35.00   |
| 4. Emery Skinner, Adel, Iowa...       | 45.00   |
| 5. J. C. Harris, Panora, Iowa...      | 60.00   |
| 6. J. E. Wilson, Jamaica, Iowa...     | 40.00   |
| 7. Sub, R. Burchfield, Linden, Ia...  | 27.00   |
| 8. Dan Moorman, Redfield, Iowa...     | 45.00   |
| 9. S. Shanholtzer, Stuart, Iowa...    | 50.00   |
| 10. M. V. Leeper                      | 48.00   |
| 11. Dan Moorman                       | 42.00   |
| 12. E. B. O'Hare, Redfield, Iowa...   | 60.00   |
| 13. J. G. Newell, Redfield, Iowa...   | 50.00   |
| 14. J. H. Alexander, Adel, Iowa...    | 36.00   |
| 15. J. H. Collins, Stuart, Iowa...    | 30.00   |
| 16. G. T. Junkins, Dexter, Iowa...    | 57.00   |
| 17. E. M. Wilson, Panora, Iowa...     | 39.00   |
| 18. T. M. Redfield, Redfield, Iowa... | 32.00   |
| 19. E. H. Evelt, Stuart, Iowa...      | 31.00   |
| 20. S. Shanholtzer                    | 26.00   |
| 21. S. Smith, Stuart, Iowa...         | 42.00   |
| 22. R. J. Woodyard, Redfield, Iowa... | 45.00   |
| 23. A. Moorman, Redfield, Iowa...     | 43.00   |
| 24. W. McTaggart, Perry, Iowa...      | 36.00   |
| 25. J. H. Alexander                   | 30.00   |
| 26. W. McTaggart                      | 38.00   |
| 27. J. B. Willson, Panora, Iowa...    | 39.00   |

- |  |       |
|--|-------|
| 28. T. W. Slifer, Redfield, Iowa...    | 38.00 |
| 29. T. M. Redfield                     | 40.00 |
| 30. J. T. Wacht, Redfield, Iowa...     | 31.00 |
| 31. B. Wickwire, Redfield, Iowa...     | 30.00 |
| 32. R. Burchfield, Linden, Iowa...     | 25.00 |
| 33. Harker & Mitchell, DeSoto, Ia...   | 45.00 |
| 34. J. B. Wilson                       | 27.00 |
| 35. T. M. Redfield                     | 34.00 |
| 36. H. P. Weidemeir, Adair, Iowa...    | 30.00 |
| 37. E. R. Morton, Yale, Iowa...        | 36.00 |
| 38. M. W. Thornburg, Redfield, Iowa... | 40.00 |
| 39. H. P. Weidemeir                    | 41.00 |
| 40. R. Burchfield                      | 26.00 |
| 41. W. McTaggart                       | 43.00 |
| 42. J. H. Wasson                       | 52.00 |
| 43. Sub, J. T. Wacht                   | 25.00 |
| 44. D. G. Wilson, Panora, Iowa...      | 53.00 |
| 45. Dan Moorman                        | 36.00 |
| 46. J. B. Wilson                       | 30.00 |
| 47. J. H. Alexander                    | 34.00 |
| 48. R. J. Woodyard                     | 29.00 |
| 49. J. H. Wasson                       | 30.00 |
| 50. R. J. Woodyard                     | 30.00 |

BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once, before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



## 476 DROPS PERFECT



### J. I. CASE Round Hole Plate Runner Planter

actually dropped 476 kernels without missing or breaking a kernel. It may even do better. Exhaustive tests have proven it to have the most accurate drop of any planter made.

It does not crack the corn. And it will drop in check at whatever speed the team may travel. We cannot tell you here all the reasons why it is so much better than other types of planters. We cannot explain its wonderful dropping mechanism. You must see it to understand. Ask your dealer or send for free catalogue. Address:

**J. I. CASE Plow Works**  
Dept. R22 Racine, Wis.

### Horse-Power Sparamotor

Kills Wild Mustard in growing Grain without injury to the Grain; and improvement in crop more than repays the cost. Ask for treatise W. free. Agents wanted.

**Sparamotor Co.** Buffalo, N.Y.



### Red Tag Trees

The Red Tag is the identification mark on all genuine

### PHOENIX TREES and PLANTS

The sturdiest and best nursery stock experience and good soil can produce. Look for the Red Tag on all trees you buy. Send to-day for free catalogue.

**PHOENIX NURSERY CO.**  
610 PARK STREET, BLOOMINGTON, ILL.

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Fruit and Vegetable Packages of every kind. Send for catalog E.

**New Albany Box & Basket Co.**  
New Albany, Ind.

### Jewell Seeds and Trees

Have been planted since 1868. Always reliable. Most complete line of hardy stock in the U. S. Five catalogs. The Jewell Nurseries, Box 16, Lake City, Minn.

### EVERGREENS

Nursery grown, hardy everywhere. All sizes for all purposes, lowest prices. 50 bargain lots, first class, prepaid \$1 to \$10 per 100. Also Nursery grown Forest Trees. FREE:—One beautiful Black Hill Spruce to every customer. Send for free Cat. and Bargain Sheet. D. Hill, Evergreen Specialist Box 51, Dundee, Ill.

### TREES At Half Price.

EVERGREENS, Good stocky, well-rooted, transplanted trees, 5c. each. Three-year apple trees 10c. each. \$6.00 per 100. Our catalog will tell you all about our cut prices on ROSES, BULBS, SHRUBS, BERRIES, SHADE TREES, Etc. A postal will bring it.

**BRISTOW NURSERY CO.**  
Box 210, Hampton, Iowa

When writing please mention this paper.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### Spraying With Copper Sulphate.

To the Editor of The Homestead:

There has been considerable discussion recently in regard to spraying with copper sulphate for fungous diseases before the leaves and blossoms have come out upon the trees. It is hard to get a definite recommendation either way, however, as no very conclusive experiments seem to have been performed.

Considering the fact that copper sulphate is soluble in water and hence more penetrating, it would appear that its use would be commendable wherever possible. Moreover it is much stronger than bordeaux mixture and it is quite probable that it would destroy many fungi before they had started into growth. It is recognized that bordeaux mixture will not do this, also that many of the fungi start into growth before the leaves and blossoms appear, and hence at a time when copper sulphate solution may be used.

We would recommend that in an orchard which is very badly infected, especially with apple scab, that at the latest possible time before the leaves and blossoms appear a thorough spraying should be given with a solution of copper sulphate according to the following formula:

Copper Sulphate ..... 4 to 6 lbs.  
Water ..... 50 gallons

This must not be used after vegetation has started, as it will burn and injure it very severely. In the last few bright warm days before the leaves come out its use should result in considerable good. It should, of course, be followed with three or four thorough sprayings with bordeaux mixture at the season advances.

Franklin Brown.

Try a Few Acres of Beans and Peas This Season.

To the Editor of The Homestead:

Beans and peas can be made the most profitable crops on the farm when their full value is known and utilized. They may be grown for seed or fodder, and by those farmers who observe a regular rotation of crops they can be placed with such grains as corn, wheat, oats, barley, etc., to excellent advantage.

The last-named grains to do well require plenty of nitrogen in the soil, and to secure good crops year after year, the supply of nitrogen must be replenished in some manner. Beans and peas, being leguminous crops, gather the free nitrogen from the air and deposit it in the soil and therefore supply just the element which the other grains remove. They take the place of fertilizer and at the same time the crop is very valuable. The seed always commands a good price and the vines make the very best kind of food for cattle, sheep, horses, etc., as they are rich in protein, which is the most expensive constituent of stock foods.

A good four-year rotation would be corn on clover sod, followed by beans or peas, then wheat and sow to clover. A three-year rotation would be beans or peas on clover sod, followed by wheat. The crops in the rotation may be varied, of course. Many prefer planting beans or peas in place of clover, as they are a more sure crop and as a rule more valuable, considering both the market value of the seed and the high feeding value of the straw.

As the time for planting is drawing near, a word in regard to the preparation of the soil should not be out of place. Early plowing is essential to the best results. As beans and peas are not planted until late in the spring many farmers let the plowing go until shortly before planting time, to the great detriment of the crop. To get the best results the land should be plowed about five or six weeks before the time for planting, and in the meantime should receive frequent harrowings to produce a loose, mellow seed bed. With heavy clay soils, even better results will be obtained if the land is plowed in the fall and then well worked in the spring until planting time.

In the rush of spring work it may seem like spending a great deal of valuable time on simply the preparation of the soil, but the returns will more than



## USE IOWA Seed Corn

If You Want Perfect Corn.

Iowa stands at the head as a corn growing state. The soil and climate here are specially adapted to it and practically all the best varieties have originated with us. Seed corn has been our great specialty for over 20 years, and we are the largest dealers in the U. S. It will pay you to try our

### BIG 4 FOR 1907

**New Golden West.** The nearest perfection of any corn ever offered. Notice cut showing depth of grain, smallness of cob and how well it rounds out over both tip and butt. Ears large and solid; bright golden yellow. Matres in 100 days. Per pk. 65c; bushel, \$2.00; 10 bushels, \$17.50.

**Iowa Silver Mine.** Has the reputation of being the most productive of all. Yielded 215 bushels per acre in the great corn contest. Per peck, 60c; bushel, \$1.60; 10 bushels, \$14.00.

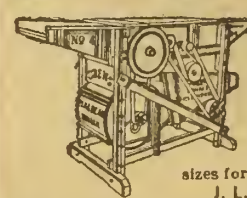
**Iowa Gold Mine.** Deepest grained pure yellow variety. Matres in 90 days. A veritable mine of wealth for farmers. Per peck, 60c; bushel, \$1.60; 10 bushels, \$14.00.

**Farmers' Reliance.** Earliest dent corn in existence. Matres in 85 days. Double the size of Pride of North, with deep grain. Every farmer should plant this extra early. Per peck, 60c; bushel, \$1.60; 10 bushels, \$14.00.

**SPECIAL OFFER.** One peck each of above for \$2.00; one bushel of each, \$8.25. Above prices are for thoroughly tested seed from selected ears. Write today for a copy of our large, illustrated catalog, describing all the best varieties of Seed Corn, Oats, Wheat, Potatoes and all other farm and garden seeds. If you mention this paper in your request we will also send small samples of all of the above varieties.

**IOWA SEED COMPANY, Des Moines, Ia.**

## Learn How to Raise Beans and Peas With Profit



OUR NEW BOOK fresh from the press tells you all about it. It is entitled "HOW TO GROW AND HANDLE YOUR BEAN AND PEA CROP SUCCESSFULLY." It is full of information, given by the best authorities in the country, and it is free for the asking, if you tell us how many acres of beans or peas you can raise, if you should think it profitable. This book shows you that beans and peas bring you more money per acre at less expense than any other crop, and you can depend on what the book says. It also tells you about the OWENS BEAN AND PEA THRASHER.

The only machine that thrashes without splitting, and separates the vines and pods, and has a double cylinder. It is built in different sizes for the jobber, the large and small raiser of beans and peas. Write today. J. L. OWENS CO., 614 SUPERIOR ST., S. E. MINNEAPOLIS, MINN.

## A SWEET CHESTNUT TREE

To get this valuable "Blizzard Belt" Chestnut quickly introduced and at same time gain new friends, we offer to send a Hardy Sweet Chestnut tree 1 year old, entirely Free to a limited number of property owners not already our customers. Mailing expense 5cts which send or not as you please. A postal will bring the tree. Our Catalog containing 64 colored plates of our "Blizzard Belt" Fruits, Ornaments, Evergreens, etc., and a mine of valuable information for fruit-growers is free. Write today. The Gardner Nursery Company, Box 702, Osage, Iowa.

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

## WRAGG NURSERY GUARANTEES

WE PAY FREIGHT. We Grow Our Own Stock and Guarantee it to be the best on the market. We have a full line of TREES, SHRUBS, ROSES and EVERGREENS, etc. which we will ship you on approval, freight prepaid.

Why not order Evergreens, of which we make a specialty, for a wind break for your home? We guarantee lowest prices on everything in our line. Write for free cut-rate price list.

**M. J. Wragg Nursery Co.,** 330 Good Block DES MOINES, IOWA

## Get All Your Hay and Grain is Worth by Shipping to J. J. CONSIDINE CO., 99 No. Jefferson St., CHICAGO

**HAY** RECEIVE HIGHEST QUOTATIONS AND QUICKEST RETURNS. **GRAIN** REFERENCE: National Bank of the Republic. Write for market quotations. FREE UPON REQUEST.

## Seed Corn

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grown Seeds. Get our catalog. **THE ADAMS SEED CO., Decorah, Iowa.**

pay for the time and labor expended.

It requires some experience in the culture of beans and peas, the same as all other crops, to secure the best results, and one thing which is a fact, but is not appreciated by many farmers, is that as a rule better results will be obtained from the second crop of beans or peas on the same land than from the first.

Try a few acres this season.

A Bean Grower.

### The Culture of Asparagus.

To the Editor of The Homestead:

During recent years the culture of asparagus has received more attention than in former years, yet the supply does not yet equal the demand. Although there are many very extensive

beds there is still room for more. Every farmer should have a bed of this most wholesome and delightful vegetable, if not for market, enough should be raised for family use. There is not a vegetable that pays better for the amount of labor and expense on the same amount of ground.

There are two methods by which plants can be secured, viz., from seeds and from roots. If roots can be obtained from a reliable firm this is the quickest way to start a bed, and the earlier returns will more than pay for the plants, but plants should not be over two years old for the best results. There is so little difference in the looks of the stunted old roots and the young that an unreliable firm is apt to pawn them off for two-year-old plants. Th



writer once ordered two hundred and fifty roots from a local nurseryman, who used shipped stock and at the same time planted roots grown from seed in the home garden. The result is a nice bed of thrifty plants from the home grown, but not a spear to show for the former. But roots can be purchased from reliable firms with good results. The writer has had good success taking up the young plants that grow from the fallen seed by taking them up after a rain, being careful to take up enough dirt not to disturb the young plants and setting them in rows or beds where they were shaded, between apple trees. They should not be disturbed till two years old. If there is not an old bed from which young plants can be secured, nearly all seedsmen have them for sale. The seed should be sown early in the spring and when two years old, transplanted in a bed where it can remain permanently. If properly taken care of it will be profitable for many years. I have known one to pay well for over twenty-five years, when the owner left it to renters.

The selection of the ground is quite important, if for early use or market and for rapid growth the soil should be a little sandy and not on low ground where the water would stand. It should not be shaded, but have the direct rays of the sun. The ground should be free from rock, rubbish and weeds and should be heavily manured. The ground should be plowed deep and well pulverized, then rows marked out two to six feet apart, making a furrow six inches deep, in which the crowns or roots are to be set. Some growers vary as to the distance between the rows and plants, but the important thing is to have room for thrifty rows and room enough to cultivate between the rows. Asparagus should not be cut till the second year, and the season for cutting should not be delayed longer than the first part of July, as it is injurious to the life and vitality of the roots.

In the fall when the tops have matured they should be cut down and burned, then a heavy dressing of manure applied and left till the frost is out in the spring. When the ground is dry enough to work well it should be cultivated, taking a shallow furrow, so as not to cut off the crowns, but to simply pulverize the soil. Then go over the ground with a good harrow. Some growers may vary from these methods with good results, but the writer has marketed some fine asparagus, which has been complimented as "the best on

## A Common-Sense Talk On Manure Spreaders

I. H. C. Corn King and Cloverleaf Spreaders

THERE'S no doubt that the right kind of manure spreader is a good thing for you to have. It is probably true that there is no other farm machine that, if rightly chosen, is as valuable to the farmer. If manure is spread properly and at the right time, its money value far exceeds what you're apt to think.

But when you buy a manure spreader have a care. There are many of them on the market, and many with various "special features"—fancy affairs that do them more harm than good.

When you buy a spreader look out for these things—and avoid them. What is chiefly to be desired is *strength and simplicity of construction*.

Strength is essential because a manure spreader has to carry a heavy load and the rear end—the machine end—has hard work to do.

Simplicity of construction lessens the chance of the machine getting out of order and gives *light draft*. You know there are a good many manure spreaders that don't get out of the shed after the first year. They make too much trouble and cause too much delay.

are strong and simple. The frame is carefully-selected, well-seasoned lumber, and is strengthened by heavy cross sills and truss rods. They have steel wheels with staggered spokes, and both hind wheels have clutches. The box is made of selected stock and is securely fastened to the frame by heavy steel cleats. Corners are re-enforced with steel plates. Everything is of the very best.

Both of the rear wheels are drivers, and insure plenty of power. A large sprocket with heavy chain drive transmits the power to the cylinder. The cylinder is large and strong, and the square teeth (extra long) are made of the best high carbon steel.

The power for driving the apron is applied on both sides, giving an even movement and making binding impossible. The rollers are attached to the under side of the slats instead of to the frame.

The vibrating rake is a most important feature, and is found only on Corn King and Cloverleaf spreaders. It levels the load and brings the manure squarely up to the cylinder—a thing which is absolutely essential to

proper spreading. The teeth on the vibrating rake are held in place by coiled steel springs so they never break but adjust themselves to the size of the load.

And as a result of simple construction, the operation is simple. Any one who can drive a wagon can operate an I. H. C. spreader, for one lever does it all. There are ten feeds, ranging from ten to thirty loads per acre. The apron stops of its own accord when the load is all fed out. By reversing the lever it returns and again stops when back in position. No need to watch it at all.

These are some of the reasons why you should investigate I. H. C. Corn King and Cloverleaf spreaders before you buy. There are many other good points about them that are explained in our catalogues. There are two kinds—Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each made in three sizes.

Call on the Local Agent or write for catalogues.

INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U. S. A.  
(INCORPORATED)



the market." But every farmer should raise enough for home use if not for market. Some can asparagus the same as peas or sweet corn, cutting it up and filling the bottles with cold water and cooking three hours, but the writer has not tried the experiment. E. E. G. Minnesota.

### The Clark-Lessman Sale.

The Short-born sale of Messrs. Wm. Lessman and A. B. Clark, at Wayne, Neb., on March 13th, was well attended and it was a decided success. Thirty-eight head averaged \$100.39. The bulls averaged \$104.40. Mr. Clark sold fifteen head of young bulls which averaged \$103. The top price of the sale was \$200 for Scotch Fashion, and he was purchased by Messrs. O. S. Bare & Son, of Clearwater, Neb. The cattle were not specially prepared for sale, but were in good condition for the buyers present. Colonels Cunningham, Dennis and Walker cried the sale. Below is a report of those selling for \$100 and over:

A. B. CLARK—BULLS.		
Gwendoline Chief, one year, M. H. Damme, Wayne, Neb.	110.00	
Fame's Hero, one year, L. S. Windsor, Wayne, Neb.	160.00	
Duchess' Victor 252588, one year, Wm. Willoughby, Newcastle, Neb.	100.00	
Jupiter 2d 275133, one year, Wm. Jones, Laurel, Neb.	105.00	
Roan Comet, one year, Alfred Sivers, Newman Grove, Neb.	150.00	
Hector 2d, Chas Pfiel, Wayne, Neb.	100.00	
Dewey Vermouth, one year, Frank Owens, Vermouth, Neb.	115.00	
Harrison, one year, John Newman, Wayne, Neb.	110.00	
Baron Cup, one year, Geo. I. Parker, Coleridge, Neb.	102.50	
Red Gauntlet 4th, Hans Luedert,		

Bancroft, Neb.	110.00
W. M. LESSMAN—COWS.	
Daisy Fashion, two years, G. C. Saberson, Allen, Neb.	140.00
Rose, three years, L. S. Windsor, Wayne, Neb.	100.00
Rosemary of Maple Lodge, nine years, A. B. Clark	100.00
Queen 3d, Seever, Newman Grove, Neb.	100.00
Lady D'Arc 3d, two years, F. M. Hooper, Carroll, Neb.	115.00
Daisy Bell, two years, G. C. Saberson	135.00
BULLS.	
Scotch Fashion 135959, eight years, O. S. Bare & Son, Clearwater, Neb.	200.00
King Fashion, one year, Lusk Evans, Carroll, Neb.	102.50
Royal Arch, two years, B. P. Peterson, Carroll, Neb.	117.50

### LOW RATES TO THE PACIFIC COAST.

Low-rate Colonists' tickets on sale daily until April 30th. Daily and personally conducted tours in through Pullman tourist sleeping cars to San Francisco, Los Angeles and Portland.

Very low rates for the round trip will be in effect to San Francisco and Los Angeles April 25th to May 18th, limited to July 31st, and June 8th to 15th, limited to August 31st; also to Portland and North Pacific Coast points June 20th to July 12th, limited to September 15th. Favorable stop-over arrangements. Apply to any ticket agent of the North-Western Line for full particulars.

The Homestead and The Homemaker, \$1.25 per year.

## SEED CORN

I have an early yellow "Improved Corn," 10 days earlier than "Reid's" corn. I can give history of this corn for 70 years. I sell seed in the ear only and guarantee satisfaction or your money back.

The Counties in which my corn was planted last year by the experiment station and the record was:

COUNTIES.	BU.	COUNTIES.	BU.
Kossuth, -	78-4	Greene, -	65-3
Story, -	62-1	Polk, -	60-4
Chickasaw, -	68-3	Marshall, -	67-5
		Page, -	53-1

G. GREGORY, - - - RALSTON, IOWA  
Half mile north of town. Reference: Ralston Savings Bank.

### Northern Grown Reid's Yellow Dent Seed Corn

EVERY ear tested if you want. Your money back if it don't suit you. Carefully selected and crated.

A. M. AVERY & SONS, MASON CITY, IA.  
Phone No. 3, Averydale line No. 2.

### GOLD MEDAL SEED CORN

FROM stock that won the \$2,000 Burg wagon. 300 bushels Reid's Yellow Dent home grown and kiln dried, \$2.00 per bushel in ear, or \$1.75 shelled. Satisfaction guaranteed. Twenty years' experience. W. P. COON, AMES, IOWA

### 300,000 RED CEDARS.

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list. GARLAND & FOWLER, AFTON, IOWA

### The Jewell Nursery Co.

(Box 16,) Lake City, Minnesota  
Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1868. Hardy seeds, trees and plants. Agents wanted—Good pay.

Farmers! Make your own carriage top dressing for your use or to sell to others. Also Weatherproof Whitewash. Either formula 50c or both for 75c. Guaranteed. B. E. Wright, Superior, Neb.

SEED CORN Funk Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

GINSENG Small stock of plants, 3. 2 and 1 yrs. old. Seeds 18 months old for sale cheap. L. H. Wright, Le Mars, Ia.

STRAWBERRY PLANTS 15 best varieties, Special—300 Sensator Dunlups \$1. Fred I. Steum, Dexter, Iowa.



Peterson's Fountain 40714—This is one of his black four-year-old Percherons which weighs 1,900 pounds and is a very sure breeder. His sire was Kellerman 10715, and his half brother to Absalom, the horse that took first prize and reserve championship at St. Louis in 1904. This is the type of horses H. E. Peterson, of Lyons, Neb., has for sale. He has a nice lot of two-year-olds, coming three. They are in fine condition and ready for service. Anyone wishing a good horse can come to Lyons either via B. & M. or Northwestern railroads and find the kind that pleases.

**CLOVER**  
Largest growers of  
Clover, Timothy, Grass,  
Oats, Barley, Corn, Speltz,  
Rape and Farm Seeds of all kinds in America.  
**FREE**  
Our mammoth 148-page Catalog is mailed  
free to all intending buyers; or send  
**8c IN STAMPS**  
and receive sample of perfect balance ration  
grass seed, together with Fodder Plants,  
Clovers, etc., etc., and big catalog free.  
**JOHN A. SALZER**  
**SEED CO.**  
LA CROSSE, WIS.

## Fire or Kiln Dried SEED CORN

OUR leader is Brown's Choice, which we years ago developed from Leaming stock. Reid's Yellow Dent, Iowa Silver Mine and Yellow Rose, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

JOHN E. BROWN & SONS, MITCHELLVILLE, IOWA

**SEEDS**  
All the best novelties and standard sorts of Garden and Farm seeds. Send for handsome, illustrated catalogue of Seeds, Plants, Poultry Supplies, Nursery Stock, etc., and special Bargain List of Vegetable and Flower seeds. Mailed FREE at 2 cents per packet and upwards. Write to you, if you mention this paper.  
**IOWA SEED CO., Des Moines, Iowa.**

## SEED CORN

NORTHERN GROWN. Seven varieties. Sold in ear or shelled and graded as you prefer. All our own growing; also all kinds of nursery stock. Send for catalogs.

THE GATEWAY NURSERY & SEED CORN CO.  
Le Mars, Iowa.  
Mention The Homestead.

## IOWA CLOVER

TESTED for germination and purity. Our "PURITY BRAND" is guaranteed free from Quack, Mustard, Canada Thistle, etc. Absolutely the best. Homegrown Medium Red, Mammoth and Timothy. Also Alsike, White Clover, Alfalfa, Blue Grass, Genuine Dwarf Essex Rape, Adams' ENGLISH OATS and bird seeds of every description. Pure bred SEED CORN, Garden and Flower Seeds. Get our catalog.

THE ADAMS SEED CO., - DECORAH, IOWA

**CLOVER**  
New Crop  
IOWA GROWN  
Recleaned  
and Tested  
Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.  
**IOWA SEED CO., Des Moines, Iowa.**

**EVERGREENS**  
200 Norway Spruce, 3 to 6 in. \$1; 100 Arbor Vitae, 3 to 6 in. \$1. Prepaid by mail. Many other \$1 bargains. Larger trees by express or freight very cheap. Sixteen different kinds. Price List free. HARVARD NURSERY, Box IV, HARVARD, ILL.

**SEED CORN**  
REID'S YELLOW DENT  
Improved Pride of the North. Scientifically bred, carefully selected. If corn is not satisfactory, it may be returned and money refunded. Shipped in ear or shelled as desired. W. G. GRIFFITH, McNabb, Ill.

AGENTS wanted to introduce Burbank's wonderful stoneless plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.



## The Clarke Short-horn Sale.

The greatest sale held in the West in many a day was that of Mr. C. E. Clarke of St. Cloud, Minn., at South Omaha, on March 27th. Those who knew the Clarke herd had predicted a good sale and were not disappointed. The cattle were in excellent condition and it was an offering that is seldom found in a public sale ring. The leading Short-horn breeders of the central West were present. Iowa was well represented and many of the best cattle went to breeders in this state. Nebraska was out in full force, as were also Missouri, Illinois and Minnesota. Col. F. M. Woods opened the sale with one of his characteristic talks and laid considerable stress on the offering that was to be sold. He paid a tribute to Mr. Clarke and the work he had done in behalf of Short-horn cattle, and also to Mr. Leslie Smith, his well-known herdsman, who was mainly responsible for the success of the Meadow Lawn herd. Colonel Harris paid his respects to Mr. Clarke and his herd, and spoke of his quarter of a century acquaintance with the work of this well-known breeder. Mr. B. O. Cowan was also called upon and spoke highly of the cattle about to be sold. Fifty-four head brought \$17,620, or an average of \$326. Forty-two head of females averaged \$33.54 and twelve bulls averaged \$301.25. Mr. H. C. Duncan purchased 47th Duchess of Gloster at \$1,000, the highest price of the sale. Fairplay 6th and her bull calf sold for \$830 and was purchased by Mr. C. R. Warren, of Glenwood, Iowa. Mr. C. P. McCartney, of Gresham, Neb., secured Knight Commander, an International prize winner, at \$825, he being the top of the bull offering. With the exception of the Westrope sale in 1901, this was the highest average on Short-horns ever made at South Omaha. Colonel Woods cried the sale and was ably assisted by Cols. Geo. P. Bellows and Al. P. Mason. Below is a list of those selling for \$100 and over:

## COWS.

Fairplay 6th, four years, and b. c., C. R. Warren, Glenwood, Iowa.....	\$830
Pretty Maid, two years, F. O. Lowden, Oregon, Ill. ....	600
Graceful, two years, A. F. Williams, Corwith, Iowa .....	405
Duchess 4th, three years, F. O. Lowden, Meadow Lawn Nellie 2d, three years, H. F. Brown, Minneapolis, Minn.....	625
47th Duchess of Gloster, two years, H. C. Duncan, Oshorn, Mo.....	410
Miss Mysie 2d, two years, same.....	1,000
Imp. Pine Blossom, six years, J. T. Judge, Carroll, Iowa.....	380
Imp. Circe 6th, seven years, C. R. Steele, Ireton, Iowa .....	700
Imp. Janette, six years, and c. c., Dale Bellows, Maryville, Mo.....	400
Molly 3d, one year, Jno. Rasmess, Lake City, Iowa .....	510
Water Violet 6th, one year, Peck & Beckwith, Calhoun, Neb.....	275
Darling 2d, one year, F. A. Edwards, Webster City, Iowa.....	415
Duchess Queen, one year, same.....	360
Queen's Daisy, one year, Flynn Farm Company, Des Moines, Iowa.....	210
Duchess 7th, one year, E. A. McDonald, Wisner, Neb.....	180
Duchess 6th, two years, C. R. Steele.....	400
May Blossom, two years, same.....	305
Pine Blossom 2d, two years, Dr. R. A. Van Ness, Windom, Minn.....	150
Meadow Lawn Nellie 2d, two years, J. R. Mansfield & Son, Wisner, Neb.....	405
Merry Maid, two years, Flynn Farm Co. 250	
Duchess Queen 2d, ten months, A. C. Shellenhager, Alma, Neb.....	325
Duchess 5th, two years, Retzlaff Bros., Waiton, Neb.....	275
Sweet Maid 4th, one year, F. O. Lowden Dairies Maid 2d, one year, Ed Williams, Corwith, Iowa .....	410
Janette 3d, one year, S. S. Hall, Pender, Neb.....	275
Fair Play 8th, one year, J. R. Mansfield & Son.....	300
Water Violet 5th, four years, F. O. Lowden.....	200
Sweet Jasmine 2d, two years, Ed Williams.....	420
Imp. Fair Play, four years, E. A. Hess, Council Bluffs, Iowa.....	320
Lancaster of Glencoe, three years, H. C. Duncan.....	350
Lady Lancaster, one year, Dr. J. G. Brenzler, Broken Bow, Neb.....	220
Columbia 2d, eight years, W. C. Childres, Council Bluffs, Iowa.....	130
Columbia 4th, two years, A. A. Ulstrom, Memphis, Neb.....	205
	130

## The Greatest of Musical Inventions—the Two-Horn

# DUPLEX

## Phonograph

### On Trial

IT is the one phonograph that gives you all the sound vibrations. It has not only two horns, but two vibrating diaphragms in its sound box.

Other phonographs have one diaphragm and one horn. The Duplex gets all the volume of music; other phonographs get the half. Not only do you get more volume but you get a better tone—clearer, sweeter, more like the original. Our handsomely illustrated

## Free Catalogue

will explain fully the superiority of The Duplex. Don't allow anyone to persuade you to buy any other make of phonograph without first sending for our catalogue.

The Duplex is not sold by dealers or in stores. We are Actual Manufacturers, not jobbers, and sell only direct from our factory to the user, eliminating all middlemen's profits. That

**Duplex Phonograph Co., 179 Patterson St. Kalamazoo, Mich.**



O. L. Chase  
St. Louis, Mo.

Ingredients were bought and mixed by the painter, Ready-mixed paint settles on the shelves, forming a sediment at the bottom of the can. The chemical action in ready-mixed paint, when standing in oil, eats the life out of the oil. The oil is the very life of all paints.

Paint made by the painter cannot be properly made on account of lack of the heavy mixing machine.

My paint is unlike any other paint in the world. It is ready to use, but not ready-mixed.

My paint is made to order after each order is received, packed in hermetically sealed cans with the very day it is made stamped on each can by my factory inspector.

**NOTE—My 8 Year Guarantee Backed by \$50,000 Bond.**

# I Am the Paint Man

**2 Full Gallons Free to Try—6 Months Time to Pay**

**I Guarantee Freight Charges.**

I ship my thick pigment, which is double strength, freshly ground, in separate cans, and in another can I ship the pure, old process Linseed Oil—the kind you used to buy years ago. Any child can stir them together.

I sell my paint direct from my factory to user you pay no dealer or middleman profits.

## My \$100.00 Cash Guarantee

I guarantee, under \$100 Cash Forfeit, that the paint I am offering you does not contain water, benzine, whitening, or barytes—and that my Oil is pure, old-fashioned linseed oil and contains absolutely no foreign substance whatever.

I guarantee the freight on six gallons or over. My paint is so good that I make this wonderfully fair test offer:

When you receive your shipment of paint, you can use two full gallons—that will cover 600 square feet of wall—two coats.

If, after you have used that much of my paint, you are not perfectly satisfied with it in

every detail, you can return the remainder of your order and the two gallons will not cost you one penny.

No other paint manufacturer ever made such a liberal offer.

It is because I manufacture the finest paint, put up in the best way, that I can make this offer.

I go even further. I sell all of my paint on six months' time, if desired.

This gives you an opportunity to paint your buildings when they need it, and pay for the paint at your convenience.

**Back of my paint stands my Eight-Year officially signed, iron-clad Guarantee.**

For further particulars regarding my plan of selling, and complete color card of all colors, send a postal to O. L. Chase, St. Louis, Mo. I will send my paint book—the most complete book of its kind ever published—absolutely free. Also my instruction book entitled "This Little Book Tells How to Paint" and copy of my 8-year guarantee.

**O. L. CHASE, The Paint Man.**  
Dept. 27 St. Louis, Mo.

Oxford of Grandview, two years, Flynn Farm Co. ....	250
Belle of Grandview, one year, C. F. Behier, Wisner, Neb.....	230
Fashion Queen, one year, W. E. Hall, Merville, Iowa .....	150
Rose Stern 8th, five years, Chas. Rapp, St. Edwards, Neb.....	205
Mable of Grandview, four years, E. B. Gross, Gross, Neb.....	140
Alice K. 12th, and c. c., W. E. Hall.....	230

## BULLS.

Nonpareil Victor 2d 258255, two years, Thos. Andrews, Cambridge, Neb.....	555
Nonpareil Knight 2d 263205, one year, O. L. Ulstrom, Memphis, Neb.....	365
Fair Knight 262490, one year, T. A. Davenport, Belmond, Iowa.....	330
Knight Commander 263720, one year, H. C. McCartney, Gresham, Neb.....	825
Pittlivie's Nonpareil 258256, two years, M. E. Vandenburg, Sargent, Neb.....	305
White Hall's Stamp 203208, one year, W. F. Rieschick, Falls City, Neb.....	305
Ivy's Hero 263200, one year, A. O. Brewer, Shenandoah, Iowa.....	150
Red Victor 263206, one year, E. R. Jones, Henderson, Iowa.....	235
Winsome's Stamp 263209, one year, H. K. Forsythe, Griswold, Iowa.....	150
Little Joe 263202, two years, S. S. Winchell, Wiota, Iowa.....	200
Nonpareil Stamp 2d 273779, one year, A. F. Bleck, Benson, Neb.....	100

## SUMMARY.

54 head .....	\$17,620; average..\$326.11
42 females .....	14,005; average.. 333.54
12 bulls .....	3,615; average.. 301.25

### Billiter, Burriss & Billiter's Sale of Stallions.

Reports from Carroll, Neb., where the above establishment held their sale of imported stallions March 13th, state that exceptionally good prices were secured for everything that was sold. A dozen choice stallions were advertised and sold for prices given below. The attendance was large and represented all parts of the country. A few of the stallions went to Iowa parties. Buyers were well pleased with the showing that this establishment made, and undoubtedly these breeders and importers have made a good impression on the horsemen of their state and surrounding states in this their first auction sale. Five Polled Durham bulls brought good prices, as is shown in the attached list. Watch these people in the future for something good.

## STALLIONS.

Imp. Perron 44331, five years, Michael Nagel, Dedham, Iowa.....	\$1,950
Imp. Patriot 44325, five years, Henry Hughes, Carroll, Neb.....	1,000
Imp. Mignon 44321, six years, G. L. Carlson, Norfolk, Neb.....	950
Imp. Mazagan 44326, six years, Ted	

## 30 DAYS-FREE TRIAL

The Famous SPLIT HICKORY Vehicles

**BUGGIES**  
And How They Are MADE

**You Pay Us Nothing, Until You Are Satisfied.**

**Send No Money** But write me at once for full information about this most liberal offer. Remember, you can have 30 days' free trial on any of my famous Split Hickory Vehicles, and you don't have to pay us any money unless you are satisfied. Don't buy a buggy or vehicle of any kind from any one until you get my valuable Buggy Book. It is the most wonderful Book about Vehicles ever published. Just write me a postal card and say: "Send me your free Buggy Book," and I will send it to you by return mail absolutely free. Write me now, before you forget it. H. C. PHELPS, President

**THE OHIO CARRIAGE MFG. CO., Station 31, Cincinnati, Ohio.**

**This Valuable BUGGY BOOK Mailed FREE Write For It**

Perry, Wayne, Neb.....	930
Imp. Pipola (10821), eight years, Jas. Steavens, Shoals, Neb.....	915
Imp. Arthon 44322, seven years, John Jones, Omaha, Neb.....	900
Polo (29686), five years, H. C. Ehlers, Carroll, Neb.....	600
Deercreek Plunger (40359), three years, Carey Sutton, Belden, Neb.....	760
Bollivar (46211), three years, Walt Hulbert, Carroll, Neb.....	600
Colliers (44526), two years, E. A. Tailes, Laurel, Neb.....	600
Domo (46375), two years, Michael Nagel, Dedham, Iowa.....	505
Royal (44338), two years, Henry Boerner, Randolph, Neb.....	480
<b>POLLED DURHAM BULLS.</b>	
Orange King II. (5785), Ward Williams, Carroll, Neb.....	127
Bill Lovering, W. J. Miles, Wayne, Neb.....	125
Colonel (5214), Robt. J. Williams, Carroll, Neb.....	80
Royal Duke, S. Jenkins, Carroll, Neb.....	70
Dunham's Duke, W. Langenberg, Hoskins, Neb.....	70

### Elerbeck & Lewis Make Good Sale.

The sale of Poland China hogs made by Messrs. Elerbeck & Lewis, of Beatrice, Neb., was well attended by breeders and farmers of that portion of Nebraska, and an average of \$35 was made on thirty head. Everything was in prime condition and extra good results are expected from this bunch of sows. Below is a list of those selling for \$20 and over:

Lot.	Price.
1. G. O. Rains, Grand Island, Neb.....	\$41.00
2. C. E. Shaffer, Topeka, Kan.....	69.00
3. C. L. Ruyle, Rockford, Neb.....	31.00
4. A. R. Sigler, Pickrell, Neb.....	46.00
5. W. J. Townsend, Beatrice, Neb.....	60.00
6. Same .....	40.00
7. C. E. Shaffer .....	70.00
8. J. Burget, Beatrice, Neb.....	56.00
9. John Muller, Beatrice, Neb.....	34.00
10. L. E. Bloodgood, Beatrice, Neb.....	33.00
11. S. C. Crangle, Beatrice, Neb.....	40.00
12. Mrs. Van Boskirk, Beatrice, Neb.....	26.00
13. Jno. Muller .....	50.00
14. Same .....	40.00
15. Henry Coleman, Beatrice, Neb.....	19.00
16. G. O. Rains .....	27.00
17. F. Van Boskirk, Beatrice, Neb.....	30.00
18. Thos. T. Hilton, Beatrice, Neb.....	32.00
19. F. E. Lenhart, Beatrice, Neb.....	36.00
20. S. E. Johnston, Beatrice, Neb.....	47.00
21. L. E. Bloodgood .....	22.00
22. C. L. Ruyle .....	26.00
23. F. Van Boskirk .....	22.00
24. Same .....	27.00
25. C. L. Ruyle .....	21.00
26. J. Burget .....	21.00
27. C. L. Ruyle .....	23.00
28. Same .....	23.00

The annual meeting of the Texas Cattle Raisers association at Fort Worth was a decided success. The attendance of Texas stockmen was heavier than for many years, indicating that they are prosperous, while on account of the scarcity of free transportation, as well as for other reasons, there were comparatively few Northern men there. There was quite a little trading. Twos sold at \$20@22, or largely around \$21, while yearlings went at \$16@16.50,

## THIS ON TRIAL FREE

### MILL

We'd like to tell you how we send our "Corn Belt" Feed Mills on 30 days trial free, and why it's the mill for you to buy. This is the one mill you'll like better the longer you use it. 20 days gives you time to see how it works—how it's made. "Corn Belt" Mills grind all kinds of grains evenly and rapidly. Write today for free catalog describing full line of sweep and power mills.

**Spartan Mfg. Co.**  
282 Chambers St.,  
Salem, Ill.

prices that were not very much higher than a year ago. Cattle have wintered well and indications are that the movement North this spring and summer will be fully as large as a year ago, and possibly heavier. The convention came out strong for reciprocity, and it loomed up as a paramount issue. Short-horn breeders are elated over the capture by that breed of the grand championship. The Texas Short-horn Breeders association elected the following officers for the coming year: President, David Harrell, Liberty Hill; vice president, Charles McFarland, Weatherford; secretary and treasurer, Stuart Harrison, Fort Worth.

## BABY'S ITCHING RASH

Face and Feet Covered—Rest Broken and Would Cry Till Tired Out—Immediate Relief and Speedy

## CURE BY USING CUTICURA.

"My baby was about nine months old when she had rash on her face and feet. Her feet seemed to irritate her most, especially nights. They would cause her to be broken of her rest, and sometimes she would cry until she was tired out. I had heard of so many cures by the Cuticura Remedies that I thought I would give them a trial. The improvement was noticeable in a few hours, and before I had used one box of Cuticura Ointment her feet were well and have never troubled her since. I also used it to remove what is known as 'cradle cap' from her head, and it worked like a charm, as it cleansed and healed the scalp at the same time. This may be the means of helping other suffering babies. Mrs. Hattie Currier, Thomaston, Me., June 9, '06."



April 4, 1907.]

## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## MARRIAGE OF FIRST COUSINS.

A Subscriber, Hartington, Neb.—Is it lawful for first cousins to intermarry in Nebraska?

Answer—First cousins can lawfully marry in Nebraska.

## BANKRUPTCY—EXEMPTIONS.

A Subscriber, Perry, Iowa.—A neighbor recently took advantage of the bankrupt law, and still has forty acres of land on which he lives. Does the law exempt forty acres of land for a married man. What other property, if any, is exempt?

Answer—The United States bankruptcy law allows a person who takes advantage of its provisions to have exempt the same property which the law of the state where he lives, exempts from execution and attachment. In Iowa a homestead of forty acres is exempt by state law.

## QUARANTINE EXPENSES.

Mr. Will Leamer, Hubbard, Neb.—When the board of health quarantines a family on account of small pox, what are its duties in the matter, under the laws of Nebraska, especially with reference to the support of the family while the quarantine continues?

Answer—In cities and villages the matter is regulated by ordinance, so if your case is in a city or village, you must look to the particular ordinance relating to quarantine. Where the county board quarantines a person or a family at a hospital, pest house or other place, the county is liable for all expenses, including support of such person

or family, but where a person or family is quarantined at the home of such person or family, the county is not liable for the support of the person or family, but only for the strictly quarantine expenses.

## DIVISION OF CROP.

A Subscriber, Bridgewater, So. Dak.—A rented his farm to B for one year, rent to be one-third of the crop. The lease expires on the first day of March, 1907. B left the place last fall just before corn picking. He hired A's share picked. Has B a legal right to sell the cornstalks against A's consent?

Answer—While it depends somewhat upon the language and terms used in the lease, we think that B has a right to sell two-thirds of the stalks in the field, to be taken off before the expiration of his term. Your general statement that the rent was to be one-third of the crop, would seem to bear out such a conclusion. The crop consists not only of the grain, but of the stalks as rough feed, as well.

## CONNECTING WIRE WITH TELEPHONE LINE.

An Iowa Subscriber.—Twelve farmers formed a mutual telephone company. It was not incorporated. The members mutually agreed that there should not be more than twelve phones on the line. Another party wanted to attach a phone, but this was refused by the members of the company; then the party did attach his phone to the line without the consent of the members of the company. Had he any right to do so, and what steps are necessary to make him disconnect his phone?

Answer—He had not. He is liable to a fine not exceeding \$500 or imprisonment in the county jail not exceeding six months. Perhaps if he knew this he would disconnect his phone. The company has a right to disconnect it without any legal proceedings.

## VETERINARY MEDICINE AND SURGERY.

A Subscriber, Logan, Iowa.—If a person has taken a course of study in veterinary medicine and surgery and secured a diploma from a correspondence school in Canada or elsewhere, can he lawfully practice as a veterinarian in Iowa?

Answer—He cannot. In order to practice veterinary medicine and surgery in Iowa, a man must hold a diploma from a legitimate recognized veterinary college, or the veterinary department of an agricultural college that is recognized, and also pass an examination before the state board of medical examiners.

## RAILROAD FENCE—MISSOURI.

Mr. C. W. Lindsay, Jamesport, Mo.—(1) Are railroad companies in Missouri required by law to fence their rights of way with a woven wire hog-tight fence? (2) Is it necessary to notify a railroad company to construct such a fence between its right of way and the adjoining lands belonging to a private owner?

Answer—(1) They are required to fence with a lawful fence, sufficient to prevent horses, cattle, mules and all other animals from getting on railroad; but it need not be a woven wire, hog-tight fence; any other kind that will answer the purpose being sufficient. If



## For the Protection of Property and Pocket-book

Pure White Lead Paint protects your property against rot and rust; against repairs, replacement and deterioration. It makes buildings, wagons, and implements look better, wear better—and sell better when you want to sell.

Use only Pure Linseed Oil and Pure White Lead made by the Old Dutch Process, which is sold in kegs with this Dutch Boy trade mark on the side.

This trade mark protects you against fraudulent mixtures sold as white lead, adulterated white lead and worthless substitutes for white lead.

Look for the Dutch Boy when buying paint.

## Send for Book

"A Talk on Paint," gives valuable information on the paint subject. Sent free upon request.

## NATIONAL LEAD COMPANY

in whichever of the following cities is nearest you:

New York, Boston, Buffalo, Cleveland, Cincinnati, Chicago, St. Louis, Philadelphia [John T. Lewis & Bros. Co.] Pittsburgh [National Lead & Oil Co.]



All lead packed in 1907 bears this mark.

## ROOF BOOK FREE

Illustrated ROOF BOOK, just off the press, tells how to lay durable, water-proof, weather-proof and fire-resisting roofs on residences, barns, cribs, poultry houses, outbuildings, stores, etc. How to cover old shingle roofs. No tools necessary but a knife and a hammer. Tells all about the famous

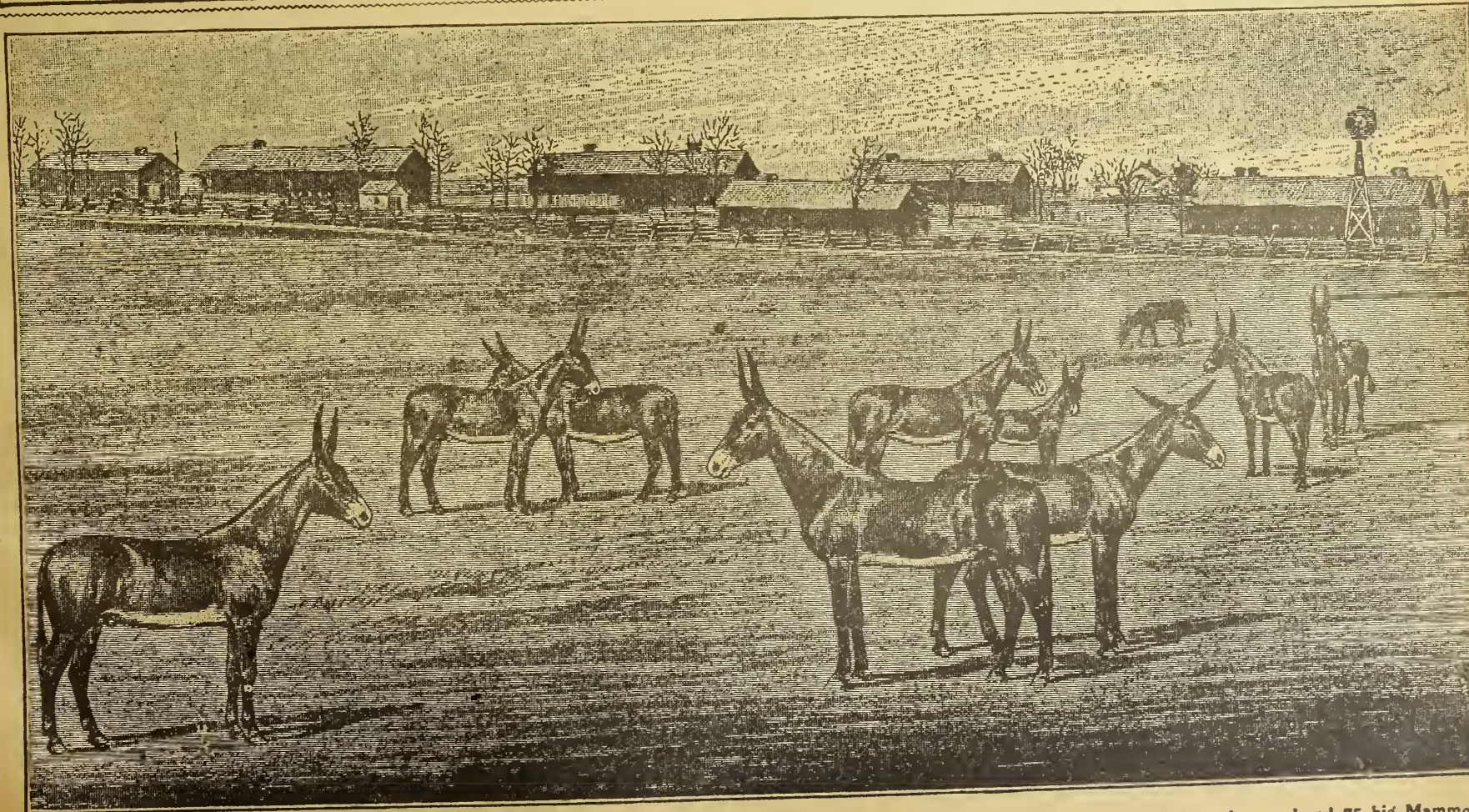
## NO-TAR ROOFING

which is better and cheaper than shingles, slate or tin. Water-proof, fire-resisting and acid-proof. Contains no tar but is made from asphalt and cannot dry out or run in the sun. Flint-coated, flexible and easy to lay. Best dealers sell NO-TAR ROOFING. Special nails and liquid cement FREE in every roll.

FREE SAMPLES TO TEST When we send you the Free Samples of NO-TAR ROOFING, we will tell you TEN WAYS TO TEST IT and PROVE its superiority to any other roofing.

DEALERS—Write for our Roofing-Business Promotion Plan. Address THE HEPPESS CO., 2481 Fillmore St., Chicago

a company neglects to fence its right-of-way for three months, the land owner may do so at the company's expense and recover actual cost, compensation for labor, ten per cent interest per annum and attorney's fees; meanwhile the company is liable for double damages for all injuries occurring for want of a fence. (2) When repairs are needed, five days' notice must be given.



The above illustration is of the Famous Pike County Jack Farm owned by Col. Luke M. Emerson, of Bowling Green, Mo. Col. Emerson has on hand 75 big Mammoth Jacks and 25 Jennets that are now being offered. See page 39 for Col. Emerson's advertisement.



## This 230 Egg Incubator

\$12.75



We Pay the Freight

East of the Rockies.

Here's an offer never before equalled. The famous

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We issue the best book ever written on incubators—written by a man who has spent 25 years in perfecting them—by the man who made the Racine. It tells facts that you must know to get the right incubator. Don't buy without reading it, for the book is free. We pay the freight.

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The White and Brown Leghorns are the greatest layers in the world. I keep 2000 of the celebrated Chamberlain laying strain on my Experimental Farm, and to increase the sale of my Perfect Chick Feed, I will send to anyone who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Only 2 sittings sold to one person. White or Barred Plymouth Rock, or White or Silver Laced Wyandotte Eggs \$1 per sitting. This is a rare chance to get a start of extra fine stock. Send money and have your orders booked at once. W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, MO.

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and Almanac for 1907 contains 220 pages, with many fine colored pictures of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It is really an encyclopedia of chickendom. You need it. Price only 15c. C. C. SHOEMAKER, Box 1216 FREEPORT, ILL.

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GREIDER'S FINE CATALOG 1907 tells all about pure-bred poultry and describes 60 varieties. 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. H. H. Greider, Rheims, Pa.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## "DUCK POINTERS."

James Rankin gives the following formula for feeding laying ducks:

Equal parts wheat bran and corn meal; 20 per cent Quaker oat feed; 10 per cent boiled turnips or potatoes; 10 per cent of clover rowan, green rye or refuse cabbage chopped fine; 5 per cent of grit. Feed twice a day all they will eat with a lunch of corn and oats at noon.

The first eggs laid by young ducks are very apt to be infertile. Fortunately, however, if the birds are well fed and cared for, this trouble rapidly diminishes, the fertility later on often reaching from 90 to 98 per cent. Watering is a very important matter. They foul their drinking vessels so quickly, that fresh water should be supplied at least four times a day.

The feeding of young ducklings has been reduced to almost an exact science. The following formulas are also given by James Rankin:

The first four days, feed equal parts of rolled oats and cracker crumbs; 10 per cent hard-boiled eggs, chopped fine; 5 per cent coarse sand. Feed four times a day what they will eat clean.

From four days to three weeks old, feed equal parts of rolled oats and wheat bran; 10 per cent corn meal, 5 per cent coarse sand, 5 per cent finely ground beef scrap, skated; finely cut green clover, rye, or cabbage. Feed four times a day.

From three to six weeks old, feed equal parts corn meal, wheat bran and Quaker oat feed, 3 per cent fine grit, 5 per cent beef scraps; mix in green food. Feed four times a day.

From six to eight weeks old, feed three parts corn meal, two parts wheat bran, one part Quaker oat feed, 3 per cent grit. Feed three times a day.

From eight to ten weeks old, feed two-thirds corn meal, one-third equal parts of wheat bran and oat feed, 10 per cent beef scrap, 3 per cent grit; oyster shells and less green food. Feed three times a day. They should now be ready for market.

H. B. Geer is responsible for the statement that a duck must have water about its eyes daily, or it will not thrive. But if a tank or trough of sufficient depth is provided for the ducks to sink their heads in the water clear out of sight, they can do without the pond or stream. When this is not done, they gum up about the eyes, become listless, sit about, don't eat, and soon die. Young ducks that do not have water as above suggested, drop off one by one, to the owner's loss.

Before the laying season it is better to feed more bran than corn meal, but after the laying has become an established fact, reverse by feeding more corn meal than bran. It has been estimated that in its seven months laying season, an average duck will lay about 120 eggs.

## Feeding for Eggs.

To the Editor of The Homestead:

Notwithstanding the fact that the farmer's hen now produces a score of billion of eggs that are worth a half billion dollars, just about equal to the value of the wheat crop, nothing is more apparent than that the egg production of the country is nowhere near the total that could be reached if the average farmer or farmer's wife had a better knowledge of the simplest rules of feeding and general management. If I were asked to point out the greatest deficiency on the average farm, I should not hesitate to name the poultry department if it could be dignified by such a title. And yet the main principles of poultry management can be condensed into a very few words. It is a science, to be sure, like every department of the farmer's profession, and can be gone into deeply and with a corresponding degree of profit, like every other science, but the mere observance of a very few of the simplest rules would treble and quadruple the number of eggs at present obtained. At present I am living in the suburbs of a town, but I find the suburbanite fully as much in the dark toward the requirements of mother hen as his or her more rural neighbor.

The most essential part of poultry management is knowing how to feed and it is exactly here that the most ignorance is displayed. My observation is that the commonest and at the same time the most serious error lies in the quantity rather than the quality of the feed. The plain truth is that the average hen simply does not get enough to eat to be able to lay eggs. All

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Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c. FRANK FOY, BOX D, DES MOINES, IOWA.



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Live deer, all ages, white swans, California quails, ferrate, Belgian hares, Jack rabbits, wild geese, brants, canary birds, goldfish, Homer pigeons, mink, hand-raised parrots, all kinds of wild ducks, fancy pheasants and Scotch collie puppies. We have no catalog. Write your wants. We buy all kinds of rare animals and birds or any of the above stock. Deer Lake Park, Severy, Kan.

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for sitting, but the eggs of turkeys are even more delicate. They should be kept in an even temperature of fifty to sixty degrees, but the temperature, if not extreme either way, is not of so great importance as is frequent turning of the eggs. Turn them at least once a day, twice is better, and keep covered away from the light and dust. If compelled to keep them in a dry atmosphere, put a damp cloth in the bottom of box occasionally. If they were to be kept without turning the yolks would stick to the shells, and if the eggs dried out too much the effect would be equally disastrous.

It is much better to save up eggs sufficiently long to be able to make about two sittings of the entire lot. In this way you may have all the little poult on the same mixture of feed at the same time, and this also does much to lighten the labor of care-taking. Besides, if the poult are of equal size they will not be able to injure one another by tramping and crowding when they begin to run in one flock. If good care is taken of the eggs they will hatch well after having been kept four weeks. I have never tried keeping them longer. I have always found it best not to delay a large hatch for the few eggs some late-laying hen will produce. B. F. W.

## How to Tell the Laying Hens.

To the Editor of The Homestead:

Most of us have seen, at least in advertisements, mention of the Potter and the Hogan methods of telling the laying hen. Many have found these valuable, while others appear to discredit their reliability, in part at least. We find in an exchange the method of a poultry expert in England, which is certainly interesting, and worth looking into. This Englishman's name is Chapin, and he claims to be able to pick out all the laying hens in a flock by simply looking at the head. He maintains that it is not so much dependent on the shape of the hen's body as the certain shape of the head, eyes, and head feathers. In a good layer the eyes are prominent, well set to the front, the head is narrow, alert, and set in a certain poise. The head feathers must lie flat away from the comb. Feathers growing up at the side of the comb indicate a poor layer.

Poultry knowledge is disseminated in England by poultry lectures in various parts of the country. These lectures are

## Care of Turkey Eggs.

To the Editor of The Homestead:

One of your subscribers sends the following communication:

I would like to know at what temperature turkey eggs for hatching should be kept, and how is the best way to keep them.

Care of the turkey eggs should not cease with the gathering of them from the nests, for success with the season's crop depends upon the manner in which they are cared for previous to incubating. Chicken eggs are tender enough to need careful attention while saving up

L. R. Johnson.



well attended and much interest shown. Mr. Chapin is in great demand to explain his methods and to answer questions. It will be well for poultry folk who read this brief outline of his theory, to test it in their own yards, and report their conclusions.

A funny story was told in connection with Mr. Chapin's lectures. At one meeting a young man brought a hen for Mr. Chapin to examine that had never laid an egg to the family's knowledge; never had been seen on a nest, and was considered without doubt a drone among the busy layers. Nothing of this was told Mr. Chapin, of course, and when, upon examination, that gentleman stated that she was then laying, and was also a hen that would produce over a hundred eggs a year, the laugh seemed to be upon the lecturer, but he maintained that he was right. The discussion waxed warm, and ran into bets. The young man was so confident in the matter, so certain that his hen never had laid, and never would lay, that he had her killed and dressed right there, with two veterinarians in the audience as referees. The hen was found full of eggs maturing for regular laying. The owner was dumfounded at the revelation, but upon investigation it was found that the hen, from the first egg, had gone to a neighbor's barn to lay, and he had appropriated her eggs. Thus was Mr. Chapin's knowledge vindicated, and his theory gained great credence.

Mrs. S. B. Titterington.

### Pure Bred Poultry on the Farm.

The poultryman expects and gets 150 to 200 eggs per hen yearly as compared with seventy-five eggs laid yearly by the farmers' hens. In July and August when spring chickens are bringing twelve to fifteen cents per pound on the market the poultryman has a fine lot, averaging in weight four to five pounds, while the farmer must wait until September or October and receive only six or seven cents per pound. Thoroughbred poultry will always make a good showing for the amount of food consumed while common stock will not.

To start with pure-bred poultry it is not necessary to invest a small fortune, as many believe. If you have a mixed flock and do not wish to dispose of them at once and start with pure-bred poultry, improve the laying qualities of your mixed stock; get a pure-bred cock bird from some fancier who has a good laying strain. Mate him with your mixed hens and the next generation will be better layers. Remember the male bird is half your flock. You can get a pure-bred male bird that is not good enough in color perhaps to reproduce his own breed, but is in other respects a good bird and just what you need to introduce new blood into your mixed flock.

Select the breed you are going to raise, and learn all you can about it. The first year get a setting of eggs from some reliable breeder who handles the kind of stock you wish. Or, if you can buy a good pen of them, better still. Take good care of these eggs or pens, whatever it may be and you will be surprised how soon you will own a very fine flock of pure-bred chickens. Each year select your best layers which are good in shape, color and size, and breed from these. The advantage gained by using selected layers is that in a few years you can develop 200-egg hens.

Weed out the old hens. Early hatched pullets are the ones that fill the egg basket when winter prices are high. That is the hen to keep. One year old hens lay better eggs for hatching, but not so many as pullets. After that age most hens do not pay as layers and should be marketed.

In selecting your breed it is not so much the breed as the strain. For instance, we find some Plymouth Rocks which have been bred for high egg-productiveness and which will be just as good layers as the little class, such as the Leghorns.

Too often we find pure-bred poultry condemned because of the lack of selecting the best layers each year. In selecting stock you choose the best. Why not do so with poultry?—(August Hock before Farmers' Institute, Storm Lake, Iowa.)

### POULTRY PARAGRAPHS.

Misfortune will at times come despite the most careful attention. And occasionally we will trip over some stumbling block. But the man who will pick

himself up and make an effort to get the best of his troubles is the one who will come out all right, and profit by his sad experience.

It is not an easy matter to make a pet out of a duck. Geese are more of a domestic nature, and some very interesting stories are told of how ganders have become inseparable companions of old men and women.

The man with a bad temper makes a poor poultryman. Some people are easily vexed, and every shortcoming is sure to cause a rise of temper. Hens are at times contrary, so that it needs a sunny disposition to balance matters.

When a shipment of dressed scrub or mongrel carcasses are sent to market, there are all sorts and conditions. Some are long and some are short-backed, and the majority invariably lack in fullness of breast. This is not the rule when the carcasses of thoroughbreds are marketed.

A hen that is laying is a bigger feeder than one not laying. The amount of grain a heavy layer will consume varies with the individual, regardless of breed. The secret of feeding laying hens for maximum profits lies in close observation by the feeder and intelligent application of the same.

It pays to cater to the market demand, regardless of its whims. If the customers call for brown eggs, keep only such hens as lay brown eggs. If white eggs are wanted keep only white-egg layers. If the trade is a select one, breed for large eggs; have every dozen of uniform size and color. Careful work means success.

At one time the Indian Game enjoyed a boom that promised to be a big success, but all of a sudden the fame of the breed has died out. This, no doubt, was due to the fact that as a breed they are poor layers. As a table fowl there are none better. The breast resembles that of a pheasant or prairie chicken. The heft of the meat lies on the breast, and this fact, with its bright yellow skin and legs, made it a desirable broiler and roasting fowl.

A well-known English poultryman thus comments on capons: "I have eaten capons more than once, and agree with some of our best poultry authorities that the quality of the fowl had been injured for the sake of gaining a little size, and being able to keep cockerels in table condition till twelve months old or longer. I consider caponizing a piece of useless cruelty, only equaled by the old system of spaying heifers, which happily obtains no more."

### The Great American Hen.

The greatest thing in the United States today is the hen. Her portrait "rampant" ought to appear on every dollar, half, quarter and dime that Uncle Sam puts out; for the actual fact is "Biddy's" business brings in more of those same dollars, halves and quarters than any other single—and we might almost say double—American industry. Three hundred million dollars' worth of poultry products is "Biddy's" yearly contribution to the farmer's pocketbook, and if the exact truth were known, a goodly number of those 300,000,000 were made by men and women who have studied how to feed the hen. Such men use good, sound, chicken sense. They begin with young chicks, and follow a consistent system of feeding all through the life of the hen, using with the regular ration that wonderful discovery of Dr. Hess—Poultry Pan-a-ce-a—which builds healthy flesh, bone and feathers, and makes early laying a habit. Now, let us say right here that Dr. Hess Poultry Pan-a-ce-a is not a stimulant. Rather, it is a health-giving tonic, which helps the hen to get out of her food all that Nature would otherwise supply. Poultry Pan-a-ce-a helps the hen to digest her food properly, which of itself gives her health and vigor. It aids assimilation; every grain or particle of food goes where it is most needed to build bone, flesh, feathers, or to make eggs, so that the greatest possible good is realized in the least possible time. The saying that "an ounce of prevention is worth a pound of cure" is doubly true in the poultry business. The wise henman cures his hens before they get sick, and his one certain agent for doing it is Dr. Hess Poultry Pan-a-ce-a. Poultry Pan-a-ce-a and Instant Louise Killer are the result of long study and experiment under just such conditions as the farmer meets with in his own yards. Dr. Hess & Clark, of Ashland, Ohio, are so confident of the good you will get from these preparations that they are willing to give a written guarantee with every package. The cost is so small it's hardly worth considering.

### POINTERS.

—The cockerels which Mrs. P. L. Carroll, of Hampton, Iowa, is using on her Barred Rock flock this year were purchased direct from Messrs. Latham and Bradley Bros. yards. Eggs are for sale from this flock, also from the flock of Mammoth Bronze tur-

### POULTRY.

**SIXTEEN FIRSTS AND ELEVEN SECONDS**  
In Two Shows in 1906 by the  
**IOWA POULTRY FARM.**  
Barred Rocks White Rocks  
S. L. Wyandottes S. C. B. 1. Reds  
Stock For Sale. Farm Raised.  
EGGS. \$1.00 PER 15.  
J. W. RADEBAUGH, INDIANOLA, IOWA

**SPRINGWATER FARM POULTRY.**  
A FEW CHOICE Mammoth Bronze toms and hens for sale. All scored and a fine lot. Will sell reasonable for quality of stock. Address,  
**WHISLER BROS., FAIRMOUNT, IOWA**

**BARRED P. ROCK GIANT RINGLETS.**  
EGGS from stock scoring 91 to 93%. \$2 for 15; \$7 for 100. We guarantee 10 chicks to each sitting. Also W. H. turkeys and Toulouse geese eggs at \$2 for 10. Won 15 1st prizes at three shows last season.  
**W. H. SHAW & CO., MONROE, IOWA**

**S. L. Wyandottes** Pekin ducks and Bronze turkeys. Eggs from high scoring, big boned stock at \$1.00 per thirteen, \$2.00 per thirty, \$5.00 per hundred. Ducks \$1.00 per nine, \$2.00 per twenty. Turkeys \$3.00 per nine, \$6.00 per twenty. Send postal for my 1907 catalog. Address,  
**J. D. Smith, Route 3, Montezuma, Iowa.**

**POULTRY BREEDERS!**  
DON'T read this unless you want choice Mammoth Bronze turkeys and Barred Plymouth Rock pullets. A few White Wyandotte cockerels left. Also one 220 egg Cypress incubator. Eggs in season.  
**W. J. SMITH, CAMPBELL, IOWA**

**Westview Poultry and Stock Farm**  
EGGS from Barred Plymouth Rocks, Light Brahmas and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address,  
**Mrs. J. C. Webber, Montezuma, Iowa**

**B. P. ROCK EGGS** From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cocks and chks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners and sired by state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

**...Blanche Belle Poultry Yards...**  
SOME Barred Rock cockerels for sale. Large boned, shapely fellows, brothers of my Ames winners. Eggs from correctly mated pens. Write for prices.  
**PETER OLESON, SLATER, IOWA**

**BARRED PLYMOUTH ROCKS** Single Comb Brown Leghorn eggs for hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$1.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa

**BARRED ROCK EGGS** 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Blue barred, Ringlet strain, scoring to 92. Also M. B. turkey eggs, Mission King and Giant strains. Prize winners, scoring 96, \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

**EGGS** For sale from choice matings. Barred P. Rocks and Bronze turkeys, Shellabarger strain. Write for free circular describing my matings. Prices right. Also six fine M. B. turkey toms at \$3.00 each. M. V. Leeper, Redfield, Iowa

**LIGHT BRAHMA** S. L. and Partridge Wyandottes. M. B. turkey, Toulouse geese and Pekin ducks. Write for prices of eggs. Address, O. C. McKee, Montezuma, Iowa

**B. P. ROCKS.** S. L. Wyandottes, S. C. B. Leghorns. Eggs of high score; J. D. Lambert strain; also S. L. Wyandottes and S. C. B. Leghorns at a bargain. Mrs. R. DeJaeger, Route 6, Waterloo, Ia.

**ROSELAWN FARM.**  
WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 100, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

**S. C. B. LEGHORNS,** hens and pullets \$1 each. Also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

**BUFF Rocks** for sale.—150 pullets, hens, cocks and chks., scoring from 90 to 94% pts. Prices reasonable. Eggs in season. Mrs. Chas. Steddom, Lacey, Ia.

**WHITE P. Rocks** exclusively. Eggs \$1.50 per 15; 11 chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisa Co., Ia.

**ROSE and Single Comb White Leghorns** and Black Langshans. Cockerels, hens and pullets for sale at \$1.00 each. Joseph Kappes, Jr., Ashton, Ia.

**EGGS for HATCHING** from high scoring Rouen ducks at one dollar per ten eggs. Address, J. H. Howarth, Moulton, Iowa

**EGGS** S. L. Wyandottes, \$1, 15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys 2.50 per 9. Choice stock. Mrs. F. R. McLaughlin, Manning, Ia.

**LIGHT BRAHMA EGGS** Twenty-five for one dollar, \$3.50 for one hundred. Address, Mrs. Lem Wyle, Clarksville, Iowa.

**EGGS** Barred Plymouth Rock, \$1 and \$2 per 15; \$3, \$5; \$5, 100. W. Wyandottes, \$2, 15. Mating list. W. C. Frazier, Atlantic, Cass Co., Ia.

**BARRED P. Rock** eggs from extra good stock. \$1.50 for 15. M. B. turkey eggs from large birds, good color. \$3 for 9. Jas. Atkinson, Des Moines, Ia.

**WHITE WYANDOTTE EGGS,** \$1.50 per 15, \$2.50 per 30, \$6.00 per 100. Hens score 95 to 96%. Address, Mrs. L. M. Estes, Audubon, Ia.

**ROSE COMB** Brown Leghorns exclusively. Eggs for hatching. \$1.50 per thirty. \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

**PRIZE** Winning Light Brahmas and Barred Rocks, scoring 90 to 93. Eggs \$1 per 13, \$2 per thirty. J. Q. Swallow, Box 89, Nodaway, Iowa

**Single C. White Leghorns** Exclusively. Wyandottes, Buff Rocks, and Blanche strains. Eggs for sale. W. C. Jones, Richland, Ia.

**S. C. BUFF** Orpingtons, the famous Cook strain. Large fine birds, solid buff. Eggs \$1.50, 15. Sent in patent shippers. D. W. Boydston, Nevada, Ia.

**EGGS** For hatching from high scoring birds. M. W. H. turkeys, \$2.50; 10; I. P. ducks, \$1.50, 11; W. Wyandottes, \$5, 100. Mrs. C. F. McLaughlin, Gray, Ia.

**PARTRIDGE COCHIN** Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; fancy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

**FOR SALE** Barred P. Rock eggs, 28 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

### POULTRY.

## BARRED PLYMOUTH ROCK

—EGGS FOR HATCHING—  
Pen No. 1, hen and pullet mated with cockerel scoring 93, of the Ringlet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mated with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

**MRS. E. F. ESCHER, Manning, Iowa**



## 219 Egg Strain Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

**W. A. HARTMAN, Winterset, Iowa**

## Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

**Mrs. B. F. Wilcoxon, Fort Des Moines, Iowa**

**Mammoth Bronze and White Holland Turkeys.**

BOTH hens and toms for sale. Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Duncer, Lamoni, Iowa.

**Mike's S. C. Buff Orpington Ranch.**  
EGGS from scored birds. Cook strain. Pen No. 1 scores from 92% to 94, 15 eggs \$2.00, 26 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

## White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from F. High scored birds. Mrs. Jessie Teale, Route 4, Lamoni, Iowa.

**BARRED Plymouth Rock** Eggs at Lawndale Stock Farm. Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerel that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.50; 30 for \$2.25; 45 for \$3.00. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

**BARRED PLYMOUTH ROCK EGGS.**  
FOR SALE.—\$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 90% point cockerel. Address,  
**J. M. JANSSEN, Sibley, Iowa**

**P. O. Box 627, R. R. 3**

**MAMMOTH BRONZE** White Holland turkeys Barred and White P. Rocks. Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

**GREAT SQUARE DEAL STRAIN**  
WHITE Wyandottes, large, blocky birds, greatest of all winter as well as summer layers. Send for our free illustrated folder before you buy any eggs for hatching. North West Poultry Yards, Preston, Iowa.

## High Island Poultry Yards.

S. C. B. LEGHORNS and Buff stocks. 100 eggs, \$3.50 and \$4.00; 15, \$1.00; 30, \$1.50. Young chicks, 10 cts. each. Fifteen years' experience, fine stock.

**Mrs. J. G. Butt, Star Route, Glencoe, Minn.**

**BARRED PLYMOUTH ROCK AND SINGLE COMB BROWN LEGHORN**  
EGGS for hatching. Every bird in our breeding pen scores from 90 to 95%. Eggs for balance of season \$1.50. H. A. Trimble, Indianola, Iowa.

**ROSE Comb Brown Leghorns**, exclusively. Eggs from stock scoring 92-93% by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93%, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 30; \$3.50 per 100; \$6.00 per 200. R. H. Stewart, Charles City, Iowa.

**BLACK** Langshan eggs for sale from large boned, vigorous birds, having full farm range, 15 for \$1.00, 45 for \$2.50. H. M. McKee, Sac City, Ia.

**Rose Comb** Brown Leghorn eggs at \$1 per 15, \$2.25 per 50, \$4 per 100, from stock scoring 91% to 94%. Address, Eva D. Tull, Alta, Ia.

**ROUEN** DUCK eggs, booking orders at \$1 per sitting from first prize winners at Henry Co. fair, 1906. H. Schehl, R. 2, Prophetstown, Ill.

**BUFF** P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa

**WHITE WYANDOTTES** Barred, White and Buff Rocks, 20 eggs, \$1.00, from birds that always win prizes. J. T. Molloy, Atfion, Ia.

**SINGLE COMB BROWN LEGHORN** Eggs, 75 cts. per 15, \$1.25 per 30. Address, Collins Brothers, Viola, Iowa.

**SEVERAL** Large, Black Langshan cockerels for sale. Eggs, \$1.00 for 20; \$4.00 for 100, from high scoring stock. Mrs. Geo. Tutt, Marathon, Ia.

**BARRED** Plymouth Rocks exclusively. Large, thirty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa

**ROSE COMB WHITE LEGHORNS** Eggs, thirty for \$1.50; 60, \$4.00 per hundred. M. T. McEvoy, Emmetsburg, Iowa

**BUFF** Rock eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Rink & Son, Shelby, Iowa.

**UPLAND** Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Hans, Waucoma, Iowa.

**SILVER LACED WYANDOTTE EGGS**  
FOR \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

**15** LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.



keys. Mention The Homestead and write for prices. See this page.

—Mrs. E. F. Escher, of Mannig, Iowa, offers Barred Rock eggs for sale at popular prices.

—Mr. George Glass, of Sac City, Iowa, is offering eggs from Indian Runner ducks. His advertisement appears on this page.

—Barred Plymouth Rock eggs of the Bradley and Norval strains are offered for sale by Messrs. Aye Bros., of Blair, Neb.

—Mrs. L. C. Reese, of Prescott, Iowa, is offering Plymouth Rock eggs for sale from a very choice pen, and at reasonable prices.

—Mr. John Barnes, of Farland, Ill., is offering Barred Plymouth Rock eggs for sale in his advertisement that appears on this page of The Homestead.

—Light Brahma eggs from good stock are for sale by Mrs. J. M. Dries, of Ashton, Iowa. Write her for further information. See advertisement on this page.

—Mr. Peter Geiger, of Minden, Iowa, can furnish Homestead readers with eggs from several varieties of pure-bred poultry. His advertisement appears on this page.

—Eight years of experience in breeding the Golden Single Comb Buff Orpingtons is the record of Mr. A. LeFevre, of Earlville, Iowa. On this page he offers eggs from this breed.

—Carefully assorted eggs from Light Brahmas for hatching are advertised by Mr. Oren G. Spall, of Pleasantville, Iowa. See this page and mention The Homestead when you write.

—Mrs. J. A. Campbell, of Manning, Iowa, writes: "We have three Mammoth Bronze toms left that we will sell at reduced prices. They are nice, big fellows." See advertisement on this page.

—Mrs. H. Osterfos, of Hedrick, Iowa, is offering eggs from choice Black Langshan chickens and Mammoth Bronze turkeys for sale in her advertisement that appears on this page of The Homestead.

—Mr. C. A. Kenworthy, of Oskaloosa, Iowa, advises readers of this paper that he can supply eggs from his Single Comb Reds at popular prices. Mr. Kenworthy was a leading winner at the Iowa State Show the past winter, and guarantees a square deal.

—Mr. D. A. Good, of Ogden, Iowa, writes that his White Plymouth Rocks are simply fine. They are largely of the Fishel strain and are good layers and vigorous stock. Those wishing White Rock eggs should write him their wants, which will be promptly answered. See advertisement on this page.

—Mrs. Jas. Cockerton, of Whiting, Iowa, wishes to get in communication with buyers of eggs from Barred Rock chickens and Toulouse geese. The sittings which she will send out are from choice bred stock adapted to farm conditions. See the advertisement on this page for prices, and mention The Homestead when you write.

—Eggs from Mammoth White Holland turkeys, large Pekin ducks and Barred Plymouth Rock chickens are for sale at prices that should make quick sales, quality considered, by Mr. Fred Post, of Moulton, Iowa. These eggs are from high-scoring fowls and prize takers. Write your needs and kindly mention The Homestead. See advertisement on this page.

—Mr. M. S. Smith, of Grinnell, Iowa, whose new advertisement appears on this page of The Homestead, writes: "My pens are headed by the best males I have ever owned. They are from eastern prize winners and from stock that has been winning premiums regularly each year at Boston and New York." Mr. Smith is advertising Barred Plymouth Rock eggs for sale.

—Mrs. J. H. Richardson, of Bristow, Iowa, wishes to inform our readers that she has eggs from some very high-class White Holland turkeys. These eggs are from mature, vigorous birds which have been carefully mated. If you are looking for a good place to buy turkey eggs we would suggest that you answer this offer which appears on this page. Kindly mention The Homestead.

—Mr. M. Hummel, of Monroe, Iowa, is better prepared than ever to furnish Homestead readers with pure-bred Barred Plymouth Rock eggs from high-scoring, first-prize stock. He won eighteen first and second prizes at the Central poultry show and the Jasper county fair. His fowls have the size, bone and harrling. Eggs guaranteed fertile, and prompt shipment. See advertisement on this page.

—Write Mr. S. V. Latham, of Montezuma, Iowa, for eggs from choice prize Barred Rocks. The flock this year is at its best and the fowls are large and marked right, while the blood is that noted the country over for superiority. Mr. Latham has shipped to every state in the union. Look up his advertisement on this page for egg prices, also on Bronze turkeys, Pekin ducks and Toulouse geese. Write for catalog, mentioning The Homestead.

—Mrs. Silas Cobbs, of Marathon, Iowa, writes that her Barred Plymouth Rock flock this year is in the best shape to produce high-class eggs that it ever has been. By a system of careful mating the eggs are insured of a high degree of fertility. One yard is headed by the first-prize cockerel at the Northern Iowa Poultry Show this last winter with a score of 92½. Mated to him are twelve hens and pullets of fine quality. The farm flock is headed by a first-prize bird at the Rollo show and the hens are high scorers. Mrs. Cobbs also has some fine Mammoth Bronze turkeys, Toulouse geese and Pekin ducks. Prices for eggs are quoted on this page. Write and kindly mention The Homestead.

—"Do as you agree," is the motto that heads the business stationery of Mr. Grant Gallaher, of Spencer, Iowa. This poultry breeder is offering eggs from his flock of big Bronze turkeys, headed by the prize tom at the Northern Iowa poultry show last winter. A common weight for the hens is twenty-three to twenty-eight pounds, so buyers should certainly get heavy birds from these eggs. The flock of giant Barred Rocks is headed by first and second-prize cocks weighing from eleven to thirteen and one-half pounds and females nine to twelve pounds. Markings are correct. Satisfaction is guaranteed. Write today to this breeder. See

## POULTRY.

## Poultry Supplies.

As we are the largest as well as the oldest dealers in poultry supplies west of the Mississippi river we can offer many items of interest to poultry breeders. We also handle thoroughbred poultry and eggs for hatching. Don't fail to send for a copy of our new illustrated price list. Complete catalog of seeds, plants, etc., also free if you mention this paper. Write at once.

IOWA SEED CO., - DES MOINES, IOWA.

## EVERGREEN LAWN FARM

M. HUMMEL, PROP., MONROE, IOWA.

BREEDER of monster B. P. Rocks for 24 years. Yards headed by Iowa State and Jasper County Fairs first prize winning stock, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 18 first and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

The Evergreen Poultry Farm, Marathon, Ia. Eggs: B. P. Rock, great large ones, free range; 15, \$1.50; 30, \$2.50; 100, \$5.00. White Wyandotte, headed by 1st prize ckl. at Northern Ia. Poultry show. Yd. 2 is pullet mated headed by 3rd prize ckl. Eggs either yard \$2 per 15. M. B. Turkey eggs \$5 per 10. Toulouse geese eggs 25c each. P. duck eggs \$1.25 per 11. Orders filled promptly. Write, Mrs. Silas Cobbs.

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$4.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa.

## EGGS! EXPRESS PREPAID.

BARRED Plymouth Rocks, choice selected stock, 15, \$1.50; 30, \$2.50; 100, \$5.00. White Wyandotte birds from yards that won in six entries, 1st, 2d, 3rd at Chicago Show, 1907. \$2.50 per 15. Address, Roy Stacy, "The Red Hog Man," Rochelle, Ill.

EGGS FOR HATCHING from pure bred poultry and eggs of 20 kinds for sale. Barred and Buff Rocks, Pekin ducks, Bronze turkeys, Toulouse geese, bees and fox hounds a specialty. Enclose stamp for catalog. Address, J. Fred For, Redfield, Iowa.

BIG BRONZE TURKEY EGGS \$5.00 per 10. Flock tom at Northern Iowa Poultry show, and hens weighing 23 to 28 lbs. Giant Barred Rock eggs, flock headed by 1st and 2d cocks and 92 point cockerels scored by Heimlich. Males weigh 11 to 13½, females 9 to 12. Satisfaction guaranteed. Grant Gallaher, Spencer, Ia.

## BARRED ROCK EGGS.

The cockerels heading my pens from 1st pullet at Boston and 4th cockerels at New York 1906. Eggs \$1.00 to \$1.50 per 15. Write for mating list. MATT S. SMITH, GRINNELL, IOWA.

Mammoth White Holland Turkeys, Large Pekin Ducks, Barred Plymouth Rocks.

EXTRA large high-scoring prize winners. 10 turkey eggs, \$3; 10 duck, \$2; 13 Barred Rocks, \$2. FRED POST, MOULTON, IOWA.

## White Wyandottes Exclusively.

EGGS, \$1.50 per 15 or \$2.25 per 30. Our flock is free from brass, are of good size and shape. I guarantee 10 chicks to hatch or eggs will be replaced at half price. Orders filled promptly. Address, A. J. PODENDORF, LOGAN, IOWA.

CHOICE eggs from choice extra big bone, full blood Black Langshans, no red feathers, 20 for \$1. Big banded M. B. turkeys, eggs, 15c each. Yearling tom weighs 35 pounds. Mrs. H. Osterfos, Hedrick, Iowa.

LOOK HERE! Barred Plymouth Rock eggs for hatching; combination of best strains, 75 cents for 15 or \$4.50 per hundred. John Barnes, Route No. 2, Sparland, Ill.

BARRED ROCK EGGS Pens headed by sons of the World's Champion of 1906. Also Mammoth Bronze turkey eggs. Mrs. P. L. Carroll, Hampton Iowa

BUFF ROCKS Clear buff, large farm raised stock, Indian Runner ducks. Eggs of either, \$1.00 per sitting; \$4.00 per 100. Address, George Glass, Sac City, Iowa

LIGHT BRAHMAS Bred exclusively for ten years. Eggs, \$1.50 per 15. Oren J. Spall, Pleasantville, Ia.

EGGS For hatching, from pure bred Buff Cochins, Barred P. Rocks, White Wyandottes, \$1.00 per 15. Peter Geiger, Minden, Iowa

WHITE HOLLAND Turkeys. High-class breeding stock; all but one are yearlings. Eggs, \$2.25 per 9. Mrs. J. H. Richardson, Bristow, Ia.

LIGHT BRAHMAS Eggs for hatching at 50 cts, a sitting from stock as good as the best. Address, Mrs. J. M. Dries, Ashton, Iowa

GOLDEN S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.75 for 26. A. LeFevre, Earlville, Iowa

ROSE COMB White Leghorns. State Fair prize winners, eggs 75c per 13; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa

WHITE Plymouth Rock eggs from birds scoring 94½, farm range; \$1 per 15, \$1.50 per 30, \$2 per 50 and \$3.50 per 100 eggs. D. A. Good, Ogden, Ia.

MAMMOTH Bronze toms; B. P. Rock eggs \$1 per 15; \$4 per 40; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Ia.

MAMMOTH BRONZE Turkey eggs. Also Pekin duck eggs. Turkey, \$2.50 per 9; duck, \$1 per 9. Mrs. A. Kison, Audubon, Iowa.

Barred Rock eggs from pullet bred farm raised fowls including scored stock; \$1, 15; \$5, 100; Toulouse geese eggs, 25c. Mrs. Jas. Cockerton, Whiting, Ia.

his advertisement on this page and mention The Homestead when you write.

## WHITE WYANDOTTE EGGS.

On this page of this week's Homestead will be found the advertisement of Mr. A. J. Podendorf, of Logan, Iowa, who is offering White Wyandotte eggs exclusively at \$1.50 per fifteen, or \$2.25 per thirty. Mr. Podendorf's flock is of good size and shape. He guarantees ten chicks to hatch or eggs will be replaced at half price. That is a fair proposition and it comes from a reliable breeder. Send him an order.

## POULTRY.

## HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks, 1st premium wherever shown. Yards headed by high scoring exhibition cockerels. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and J. K. Felch's reserved pens, and sell 15 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$1.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. I mate them by standard rules. A good hatch guaranteed. I am an expert caponizer. Catalog free.

REUBEN E. SANDERS, PROP. FULL MOON POULTRY FARM - MONTEZUMA, IA.

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, Montezuma, Iowa

## S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wycoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. J. E. Brown, Richland, Iowa.

## H. C. CLYMER, BERTRAM, IOWA.

STILL has some very fine Bronze turkey toms and 50 good yearling Barred Plymouth Rock hens that he will sell cheap if taken soon. Barred P. Rock eggs, \$2.00 for 15. Write.

## BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Fine catalog free.

S. V. LATCHAM, Montezuma, Iowa

## EGGS FOR HATCHING

MAMMOTH Bronze Turkeys, Barred Plymouth Rocks and Pekin Ducks. Prices reasonable. Correspondence solicited.

G. M. GRINSTEAD, Mitchellville, Iowa.

## Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

CLAR Lavin Poultry Farm, 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93, pullets score from 90 to 93½. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

## EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-11 Audubon, Ia.

## Barred Plymouth Rock Eggs For Hatching.

\$1.50 PER 15; \$2.50 per 30; \$4.00 per 45. Parent stock direct from Bradley Bros. and W. H. Neibert strains. Males and females are clear barred to hide and scoring to 92 and 91 respectively. Write C. C. DRAKE & SON, La Harpe, Ill.

PAUL'S WHITE WYANDOTTES. THE KIND that lay well, weigh well, and win in the show room. Cockerels and pullets from one to five dollars each. Eggs, farm raised, 50c per sitting (13). Exhibition pen, \$1.50 per sitting. Eggs guaranteed strictly fresh, F. G. Paul, Laurel, Iowa

## BARRED PLYMOUTH ROCK EGGS

15 FOR \$1.45 for \$2, 100 for \$4. From as fine a flock of hens as any man has. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

## Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Ittee, Prescott, Iowa.

LEGHORNS AND ROCKS—Eight years breeders of B. P. Rocks, Single Comb White Leghorns, Rose and S. C. Brown Leghorns. We offer eggs from choice matings with guarantee of 65% fertile at \$1 for 15, \$4 per 100. Barker Bros., Indianola, Iowa

CHERRY HILL POULTRY FARM. BREEDERS of Golden, Silver and Buff Wyandottes, B. P. Rocks and S. C. White Leghorns. First prize Iowa State Fair. Stock and eggs for sale. Peterson Bros., Props., Indianola, Iowa

WYANDOTTE EGGS. BUFF, Golden and Silver Laced, \$1.50 for 15; \$2.50 for 30; \$6.00 per 100. We guarantee at least 3 chicks per sitting; if not, eggs replaced at half price. Address, A. L. Anderson, Indianola, Iowa.

BUFF Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. R. Stilson, Montezuma, Iowa.

TWO pens standard mated Barred Plymouths, cockerel and pullet, eggs \$1.00 per 15. Incubator lots from range flock 100, \$3.75; 2 sittings, \$1.00. W. E. Shutt, St. Charles, Iowa.

## LIGHT BRAHMA EGGS.

FROM prize winners, good winter layers and heavy birds for market. Eggs 15 for \$1. Mrs. W. W. Drake, Whiteset, Iowa.

## SILVER LACED WYANDOTTE

EGGS \$1.00 for 15, Buff turkeys \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

Rose Comb Brown Leghorn eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

PURE bred black and white Langshans. Lt. Brahmas and M. B. turkeys, stock and eggs, prices right. Mrs. S. E. Newell, Route 6, Audubon, Iowa.

PRIZE-WINNING Black Langshans exclusively, scoring to 94 at Duqueno, 1907. Eggs, 13 for \$5; 26 for \$1.50. W. W. Baskerville, Earlville, Iowa.

EGGS for hatching, S. C. Buff Orpingtons, \$1.50 per 15; Golden Buff Rocks, \$1.00 per 15; \$5.00 per 100. Mrs. H. R. Fuller, Route 4, Rolfe, Iowa.

MY ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

## POULTRY.

## 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN, ALTA, IOWA

## STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 25 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerels; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that black and win. Eggs guaranteed fertile.

## BLACK LANGSHAN CHICKENS

I HANDLE THEM exclusively. Eggs for hatching. Pen No. 1, cock, scores 94½, price per sitting, \$1.25. Pen No. 2, cock, scores 94, price per sitting, \$1.00. O. H. STILSON, CORWITH, IOWA

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

## S. C. RHODE ISLAND REDS.

NOT equaled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. F. H. Thiel, Renwick, Humboldt Co., Iowa.

## ROSE COMB BROWN LEGHORNS.

FOR 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 18, \$1.50; 50, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$3. Ella Tharp, Mt. Sterling, Ia.

BARRED ROCKS Famous Eclipse strain. Son of 1st hen, Chicago, mated to pullets scoring 90 to 92 points. Will produce winners. Eggs 15, \$1.50; 30, \$2.50. O. J. Volland, Slater, Ia.

WHITE Plymouth Rock eggs, Fishel strain, 26 eggs for \$1.25, 50 for \$2.25, 100 for \$4.00. Extra good flock, score up to 94 points, farm range. Address, Mrs. O. J. Early, Bristow, Iowa.

EGGS FOR HATCHING from pure bred S. C. W. Leghorns and Barred Plymouth Rocks at 75 cents per 15, \$2.00 per 50, \$3.50 per 100. Address, Robert Holm, Rural Route No. 1, Patou, Iowa.

BUFF WYANDOTTES. Pen No. 1, first pen Iowa State Fair 1906, also first pen at Whiteset, Ia. Pen No. 2, headed by 1st cockerel at Indianola, Ia. 94½. Eggs \$1.50 for 15. A. E. Goodman, Indianola, Ia.

MY FINE BARRED P. ROCK Pullets, scored to cks scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50, 111 Auestad, Slater, Iowa.

EGGS FROM CHOICE MATINGS. Rose Comb B. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

PURE BRED Single Comb Black Minorca eggs, 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

PLYMOUTH ROCK EGGS Barred and Buff, respectively, \$1.50 for 15; \$2.50 for 30. Guarantee 65% fertile. L. T. Cathoon, Indianola, Iowa.

LEGHORNS S. C. Brown and White. Birds bred, scoring to 96. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianola, Iowa.

SINGLE Comb Brown Leghorns. Knap strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

SINGLE COMB White and Brown Leghorns. Each variety on separate farm. Eggs \$1.00 per 15; \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

BLACK LANGSHAN eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

EGGS FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

WHITE WYANDOTTES, standard bred. Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

BARRED Plymouth Rock eggs. Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

BARRED P. R. eggs for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

OTTUMWA Poultry Yards. Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

EGGS FROM FOURTEEN LEADING varieties of poultry. Great bargains, quality considered. Address, Burton J. Hoyt, Pleasantville, Iowa

WHITE PLYMOUTH ROCK EGGS, 15 for 75 cents, 30 for \$1.00, 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa

10,000 BARRED PLYMOUTH ROCK EGGS for sale. Bradley Bros. and Judge Norval stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

EGGS BARRED PLYMOUTH ROCK, line bred. Three matings, cockerel, pullet and field. Prices right. Mrs. Mary Pierce, Nevada, Iowa

BARRED PLYMOUTH ROCK and Light Brahma eggs for hatching; from high scoring birds. 15, \$1.50; 30, \$2.50 H. G. Pudney, Toledo, Ia.

EGGS FOR SALE—Largest, best pure bred White Wyandottes, Light Brahmas and I. P. ducks. Honest deal. E. S. Dyas, Bellevue, Iowa.

FOR SALE—Single Comb B. Leghorn eggs, 75 cts. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manilla, Iowa.

SILVER Laced Wyandottes, some choice cks. That I will be sure to please you, \$1 to \$3 each. Eggs \$1.50 per 15. H. G. Smith, De Soto, Iowa.

FOR SALE—Eggs from White Wyandottes of fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

"SPECIAL, high-class snappy lot, Barred Rocks, Cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.



April 4, 1907.]

# PILES

## FISTULA--NO MONEY TILL CURED

Henry Brunkhorst, General Merchandise, Blackburn, Mo., writes: "March 28, 1902. You cured me years ago of Piles and I am pleased to report that I have no more trouble with rectal trouble you may rest assured I will advise return of my complaint. Should I ever hear of any one suffering with rectal trouble you may rest assured I will advise them to consult you."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

**DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.**

### IN AND AROUND WISCONSIN.

The first government "automobile" map of any part of Wisconsin will be issued following the completion of the topographical survey of the Sparta and Cross Plains country. This survey has been about two-thirds completed and probably will be finished this coming season. The definite plans for work in Wisconsin have not been fully perfected.

Throughout this section of Wisconsin the tip-top roads will be particularly designated, so that automobilists armed with this map, may choose the best routes.

Fred Pabst, Jr., of Milwaukee, has purchased 121 head of horses, constituting practically the entire Plymouth Hackney stable in Massachusetts, which has been one of the leading breeding establishments in the country, devoted to the production of high-stepping harness horses. The horses will be shipped to Milwaukee immediately.

A large colony of immigrants from Holland are on their way from Europe to Sheboygan. The colony is made up of several hundred people. Sheboygan has had many colonies of Greeks, Austrians, Russians, and Lithuanians in the past few years, but never such a large number at one time from Holland. The Greeks are the best, it is said, of the foregoing colonies which have reached here in recent years, but it is anticipated that the Hollanders will exceed all of them. Work for the immigrants is to be secured in all parts of the city and at the different plants.

What is claimed to be the largest negro in the United States died last week at Appleton, Wis. His weighed 640 pounds and he was said to be gaining a pound a week up to his death. He was only seventeen years old.

According to reports issued by the Western Passenger Association, Wisconsin stands third in the list of states receiving the largest number of immigrants during the last seven years. Minnesota heads the list with nearly eighty thousand and to her credit. Wisconsin took over sixty-six thousand homeseekers from foreign lands.

Wisconsin dairy herds are generally well protected by law from tuberculosis infection from outside the state, but no good laws have been provided to check the spread of this disease from one community to another. Through the efforts of the Agricultural Experiment Station and the state live stock sanitary board a bill has been introduced in the legisla-

ture with this object in mind. It passed the law will require all transfers of stock within the state to be officially tested.

Lodi claims to have one of the most complete and largest tobacco warehouses in the state. The structure was erected by the Lodi Improvement company under a ten year lease to the United Cigar Manufacturers' company, of New York. The structure cost \$30,000. The dimensions of this mammoth building are 90x272 feet, and has a storage capacity of 11,200 cases.

### Some Hints on Saving Young Stock.

To the Editor of The Homestead:

The greatest loss to the live stock interests of the central West, comes during the spring months, when the pregnant females are producing young. Extreme carelessness at this time is the rule, rather than the exception, on a majority of farms. Those who would question this statement, have but to observe closely in their own neighborhood to verify it. In many communities a loss of 40 per cent of the pig crop is not unusual, and the loss in calves and lambs is correspondingly heavy.

This loss is avoidable. It is possible and practicable to save over 95 per cent of the young animals by judicious feeding of the pregnant animals, and by careful management at time of parturition.

It is possible and very desirable to so arrange the breeding of females that are to produce in the spring as to have the young animals come within about a month's time. Because of the lightness of regular farm work in March, and the superior thrift of early born lambs and pigs, this month is most suitable, although somewhat better shelter is required than would be necessary in May.

Pregnant cows, ewes or sows should be kept separate from other stock for the last sixty days in order that they may be fed as their needs require, and that they may not be injured by less quiet animals. Exercise is absolutely necessary. The run of a winter blue-grass pasture suffices for cows, and there are but few days when they cannot run out for four or five hours. Ewes and sows are more sluggish at this time, and must be driven, or induced to take exercise by being fed a noon-day meal some 300 or 400 yards from their regular sheds. This daily exercise keeps the animals in strong, vigorous condition and greatly reduces danger of loss of either ewes or sows.

Feed is given to pregnant animals for two purposes: First, to maintain the animal by supplying the heat and energy needed in the life processes—walking, breathing, eating, digesting and assim-

lating food, maintaining body heat and in the actual work of building the foetus; second, to supply the materials actually used in building up the growing foetus. In other words, we supply food as follows:

First, to maintain life and to hold body weight and to allow for the labor of building up the foetus.

Second, to provide the materials from which the foetus is built.

A mature female does not require expensive protein feeds for her maintenance. We can, therefore, feed her as we would if she were dry, allowing somewhat more liberal amounts to compensate for the energy she is expending in building the foetus.

Common farm feeds—corn fodder, clover hay, sorghum fodder, and corn, barley and some oats—will suffice. Aside from this we must furnish the material which builds the foetus. This must be of special kind, for the growth of the young animal in the uterus, is almost wholly of bone and muscle. Because of this we must feed such bone and muscle-forming feeds as alfalfa and clover hay, and oats, bran, and shorts. Tankage and oil meal are also of value.

Cows—pregnant—will do splendidly on corn fodder and clover hay, and a grain mixture of corn, bran and oats in proportions of one-third each by weight. The roughage may be fed to the limit, the grain need not exceed one-half pound per 100 pounds live weight of animal. Ewes will do well on the same feeds as recommended for cows.

Sows may be fed one-fourth corn, one-half oats, and one-fourth bran and shorts, the last two mixed in equal parts and fed in slop form once a day. The corn and oats should be fed dry. If clover or alfalfa hay is available, the sows should be allowed all they will eat, but the grain ration need not exceed one and one-half pounds per 100 pounds weight of sow. Only such amounts of slop should be fed as will keep the sows in a cool, laxative condition. Excessive slop feeding results in weak pigs. Sows managed as above indicated will not become feverish at farrowing time and kill pigs, as some do.

When parturition time approaches, one man should devote his entire time to the direct care of the pregnant females, and where these exceed fifty in number, two men will find ample work. Breeding records will show when the females are about to produce. Cows can be kept in box stalls in warm quarters. Ewes should be kept in a separate part of the shed, walled off as the lambing room. This can be kept warm with a large stove. For sows a farrowing house and small individual hog houses, afford the best system. The farrowing house should not be expensive. A building thirty-two feet long, twenty-six feet wide, six feet high at sides, and ten or twelve feet high in center, with windows in sides and roof, will allow room for a six-foot alley and two rows of four pens, each 8x10 feet. With cracks battened, and the sides banked up for a couple of feet with manure, a good sized stove in the center will maintain a satisfactory temperature, even during the coldest March storms. In such a building eight farrowing sows can be cared for at once, and it is possible, by grouping together two sows whose pigs are a couple of days old, to take care of ten or twelve sows at one time.

With cows, ewes and sows to look after, and two fires to maintain on cold days and nights, there will be ample work for a man both night and day, and constant attention, especially at night, is necessary for best results. Stalls and pens should be cleaned, disinfected and well bedded after each animal has occupied same, before another is placed in such stall or pen.

In the actual care of the females, experience is necessary, and this can best be gained by working for a time with an experienced man. Cows rarely require assistance, but where labor pains have lasted for two or three hours without result, attention should be given, and knowledge of how to look after this work must be gained by actual experience. Ewes usually come through well, and both lambs and calves should be rubbed partially dry with a wisp of straw, and assisted to rise and suck, care

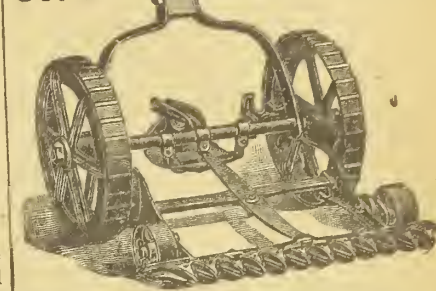
### Cut Out and Send This!

DRS. THORNTON & MINOR, 1010 OAK STREET, KANSAS CITY, MO.  
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed \_\_\_\_\_ Town \_\_\_\_\_ State \_\_\_\_\_

## Clipper Lawn Mower

Dixon, Ill.



## THE MOWER

"WHAT will kill all the weeds in your lawn. If you keep the weeds out so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear."

The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12 in. Mower, \$5; No. 2—15 in. Mower, \$6; No. 3—18 in. Mower, \$7; No. 4—21 in. Mower, \$8. Send draft, money order or registered letter. Mention the Homestead when writing.

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to be tanned for Robes, Coats, Rugs, Harness and Lace Leather. Practical and Technical knowledge of Tanning. Superiority in workmanship and finish makes our work the kind YOU want. Write for new booklet and price list.

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being taken to see that the udder of the dam is clean. Little further attention is necessary. Sows that have been properly cared for, usually farrow without trouble, but the herdsman should always be in attendance. A wooden tub, or half barrel with hot bricks in the bottom and some straw and a cloth over these, makes an ideal place to put the young pigs as fast as they are farrowed. A cloth may be thrown partially over the top, to keep in the warmth. Here the young porkers will keep warm, and will dry off. If the sow is not through farrowing in half an hour, let the new born pigs nurse, and restore them to the basket until the farrowing is completed, when the pigs may be left with the sow, care being taken to see that the younger pigs have a fair chance to nurse.

The farrowing pens, lambing pens and calf stalls should all have plenty of sunlight. From the time the pigs are two or three days old, they should be forced to take some exercise in the alley way, and by the time they are a week old, the sow and the pigs may be moved out to the individual hog houses, where they will do well if given clean pens, sunlight and some exercise every day. From this time on the youngsters can be counted on to do well, and the losses will be slight.

The suggestions made are not theoretical, but are based on the practical experience of our most successful stockmen. The most important single point is that of close attention, both night and day, on the part of an experienced man. The extra work so expended will yield more in cash returns than will any other labor exerted on the stock farm, and means stock saving of the most practical kind.

Ames, Iowa. Wayne Dinsmore.

CHEAP RATES TO THE PACIFIC COAST. Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



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WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

This is Huttig.

through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the Island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap. Now, here's how I feel about it. If you have use for roofing—

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you my booklet B and special ironclad Roofing Guarantee. Write me personally, and do it to-day.

**HUTTIG MANUFACTURING CO.,**

707 East Second Street, Muscatine, Iowa

*H. W. Huttig*

PRESIDENT.



# \$1.50 FOR 100 SQUARE FEET STEEL ROOFING

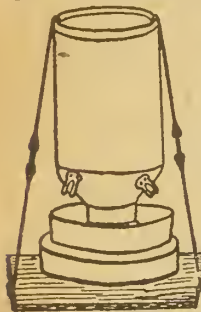


**Over a Million Square Feet at One-Third Reduction. Buy Your Roofing and Building Covering Direct from Us. We Save You Big Money**

Our Steel Roofing is cheapest in price of all steel roofings. It is the most economical in the long run. It is the most durable. It withstands the elements better than any other kind. It is superior in every respect. Stronger, lasts longer, does not become soft in hot weather. Does not crack, dry or rot. Withstands winter storms. Does not soak up. Drains your roof perfectly. Makes it fire proof, lightning proof, water proof. Much cheaper than shingles. Lasts three times as long. Away ahead of slate. Does not break or crack. No tar or patented compounds. It is the ideal roof covering. Prepared roofings are expensive and not satisfactory. Steel roofing does not taint rain water. Makes your building cooler in summer and warmer in winter. Thousands of squares sold every month. Farmers everywhere using it for covering houses, barns, outbuildings of all kinds, storm sheds, poultry houses, hog sheds, etc. Just the thing for elevator siding, stores, churches and buildings of every sort. Easily laid. No special tools required. Hammer and nails, that's all. Absolutely new, fresh from our factory. All ready to put on when received. Can be laid over old roofs.

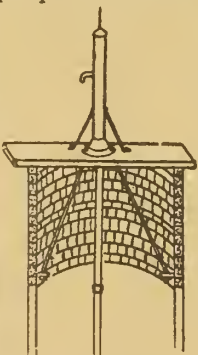
## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

The following sketch represents a poultry fountain which one of our subscribers finds to be one of the best that he has ever tried. It consists of a large milk can, a wide pan, a flat stone and some hooks and tighteners. All of these are clearly shown in the illustration. To fill the fountain set the can right side up. When filled, place the pan bottom



side up over the top of the can. On this place the flat stone, over which and over all lay the board. Place the hooks and the tighteners in position so that they will hold the whole business in position. The fountain is then reversed and as soon as the pan is partly filled with water the outflow of water from the can should be checked. The advantage of this fountain is that it does not need to be filled often, and in winter the stone may be warmed to keep the water in the tank from freezing. In summer, of course, the flat stone is not essential.

The attached illustration represents the method by which one of our subscribers fastens the pump down to the platform so that the windmill does not move it up and down in a high wind. To carry out this idea the well must be curbed with stone or brick at least a part of its depth down. On opposite sides of the well curb several feet below the platform, pieces of strap iron are inserted into the curbing, leaving a small area exposed, through which a hole is bored to receive one end of a rod, the opposite end of which is bolted to the pump base at the platform.

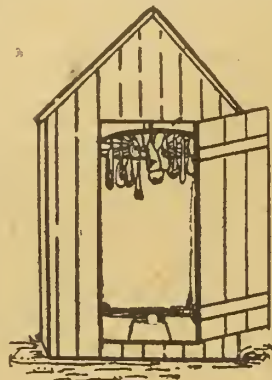


Probably too few people appreciate the value of the salt and tar box for sheep. It is generally known by those who have had experience with sheep that this breed of farm animals are often bothered with grubs which are a certain form of parasite that becomes lodged in the passages of the head and nostrils. In some cases these grubs are found in such large numbers that they almost clog up the passages, and sometimes result in the death of the animal which they afflict. The grub secures entrance to the head through the outside opening of the nostril. A large fly lays the grub egg at the opening of the nostril and in various ways it is worked up into the head where it lodges and develops. The salt and tar box is intended as a preventive against the fly that lays the grub egg. Most any form of a self-feeding salt box may be fitted with the tar addition, which consists of a roll of any coarse absorbent cloth material which can be attached just above the place where the salt comes out of the feeder. If in such a position any sheep that licks salt will rub its muzzle against the tar-soaked material. Sheep will take salt frequently enough to always have sufficient tar odor about their heads to repel any flies that would care to alight on this part of their bodies. Pine tar is



generally used, for the reason that it is more adhesive when once it becomes attached to the animal. It is probable that any tar preparation of a heavy consistency would do just as well. It requires but a few moments to attach this roll of cloth to your salt box, and if you have been troubled with grubs in the flock it will certainly be worth your while to try this idea which Mr. R. E. West, of Polk county, Iowa, sends in.

Those who have a great deal of meat to smoke will find a very handy contrivance in the form of a wheel hung in the top of the smoke house, on which the meat is hung. Use any old buggy or machine wheel that has a large diameter and is sufficiently strong to hold several hundred pounds of meat hung around its circumference. The wheel is left on its axle if possible,



which is firmly attached to the roof of the smoke house, so that the plane of the wheel will be about on a level with one's head and so it can be turned to present any of its sides to the door of the smoke house. All one has to do is to turn the wheel, and in this manner it will be very easy to get at any ham, shoulder or side meat that has been hung. Where the meat is hung on cross beams or around the sides it is often more or less unhandy to find the desired piece. On a wheel there is less opportunity for mice to reach it, at the same time there is also always good light, as the meat is close to the door when it is being examined.

Planting potatoes by hand is slow work, and any device that is practical and can be rigged up on the farm will certainly interest those who have several acres of potatoes to plant the coming season. Such a device is used on a great many farms, though it is probably not nearly as common as it should be. To rig up a planter of this kind the regular corn planter is used or, better still, if any old abandoned frame of a planter with the wheels and shoes still in good shape is at hand it may be used just as well. Spouts two feet long to fit the height of the shoe are made with diameter at the lower end sufficient to allow several small potatoes to pass through without stopping up the opening. At the upper end the spout is six or seven inches in diameter and fits closely to a box in which the prepared seed potatoes are placed. The spouts are attached to the shoe of the planter with leather straps. When ready to plant the operator takes a position on the frame of the planter just above the shoe so that he can use both hands in dropping the seed potatoes into the shoe. If it is desired to plant two rows there may be an operator for each shoe. Boys can do this work just as well as men, and they are not so heavy to haul. It will be seen that it is necessary to have the seed bed in good mellow condition, else the shoes of the planter will not go deep enough to get the seeds under sufficient soil. It requires a good steady team and one that will take a very slow gait, since to drop the potatoes with any degree of uniformity the operator must work very fast. This method of planting potatoes is in practice on a good many farms, and it is certainly a plan well worth trying where



several acres of tubers are put in each season. Two boys and a man can do the work of planting in less than half the time and just as satisfactorily as if furrows were made and the potatoes dropped by hand.

**SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.**

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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Fine steel beaded ceiling, \$2.00 per 100 square feet. Ideal ceiling for stores, offices, kitchens, restaurants, etc. No falling plaster. Always neat and attractive. Economical and lasting. Furnished ready to put up. No special tools required. Comes in sheets 24 inches by six and eight feet long. Also used for siding.

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to all points east of Colo., except Okla., Texas and Ind. Ter. To these points we pay the freight at 15c per square additional. To all points west of Kansas, we pay the freight at 50c per square additional. Satisfaction guaranteed or money refunded. We will send roofing, siding, ceiling, etc. to anyone answering this ad and mentioning this paper, C. O. D., with privilege of examination, if you will send us 25% of the amount of your order in cash, balance to be paid after material reaches your station. If not found as represented you do not have to take the shipment, and your deposit will be cheerfully refunded.

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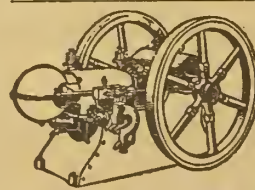
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DOUBLE THE CAPACITY OF OTHER MILLS. TWO-HORSE mill has 25 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bu. per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for seven years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill. Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Bovee Grider & Furnace Works, Waterloo, Ia.



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NEW PLAN FOR COOLING CYLINDER.  
REDUCES WATER TANK TO A FEW GALLONS.  
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**ST. LOUIS WRECKING & SUPPLY CO., 3807 MANCHESTER AVE., ST. LOUIS.**

several acres of tubers are put in each season. Two boys and a man can do the work of planting in less than half the time and just as satisfactorily as if furrows were made and the potatoes dropped by hand.

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## PATENTS

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Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.





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Curb, Splint, Sweeney, Capped Hock,  
Strained Tendons, Founder, Wind Puffs,  
and all lameness from Spavin, Ringbone  
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### Prussian Stock Tonic

Is for all the stock, and whether they're  
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It keeps them healthy because it makes the  
digestive organs work properly. No torpid  
liver where there's a little of Prussian Stock  
Tonic in the feed. In the Big \$3.50 Fall there  
are over 1200 doses,—enough to add a good  
many dollars to the value of your stock.

Write to-day for our Stock Raisers' Manu-  
al and tell us what stock you own.

**PRUSSIAN REMEDY CO.**  
St. Paul, Minn.

## SECURITY GALL SALVE

POSITIVELY HEALS  
**SORE SHOULDERS**  
SORE NECKS OR BACKS ON  
**HORSES AND MULES**  
IT HEALS THEM ANYWAY  
IN HARNESS, UNDER SADDLE OR IDLE  
IF NOT SOLD IN YOUR TOWN WE WILL SEND YOU

**FREE** SAMPLE, if you send us  
the name of your dealer.  
Put up in 25c, 50c and \$1.00 Cans  
**MONEY BACK IF IT FAILS**  
**SECURITY REMEDY CO.**  
MINNEAPOLIS MINN.

FOR BARB WIRE & ALL CUTS USE  
**SECURITY ANTISEPTIC HEALER**



## Scar Tissue can be removed and hair grown on by **ABSORBINE**

used as directed on page 19 of  
Pamphlet with each bottle. Ab-  
sorbine will heal a Scar quickly  
without leaving a Scar, reduce  
inflammation or any soft bunch  
without blistering, and horse can  
be used. \$2.00 a bottle delivered  
or at dealers. Book 9-C, Free.

**ABSORBINE, JR.**, for mankind, \$1.00 bottle. Cures  
Strained, Torn Ligaments, Varicose Veins, Vari-  
cocele, Hydrocele, enlarged Glands and Ulcers.  
Allays pain quickly. Book "Evidence" free.  
W. F. YOUNG, P. D. F., 40 Monmouth St., Springfield, Mass.

## PROE DEAN'S KING CACTUS OIL

### THE BEST LINIMENT FOR MAN OR ANIMAL

CURES CUTS, SPRAINS, BURNS, BRUISES,  
SCALDS AND ALL EXTERNAL HURTS.

15c, 50c, and \$1 Bottles, \$3 and \$5 Cans at Druggists.

**OLNEY & MCDAID, MFRS. CLINTON, IOWA.**

## A. S. ALEXANDER, V. S.

MADISON, WIS.,  
Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN. Advice and  
prescription by mail, \$1.00.



DEATH TO HEAVES  
Guaranteed

**NEWTON'S HEAVE AND COUGH CURE**  
A VETERINARY SPECIFIC.  
15 years sale. One to two cans  
will cure Heaves. \$1.00 per  
can. Of dealers, or express  
prepaid. Send for booklet.  
The Newton Remedy Co., Toledo, O.

## VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this  
department to regular subscribers only. We do  
not answer veterinary inquiries for the benefit of  
"neighbors." Parties desiring information will be  
required to send their names in full with their ad-  
dress. No question will be answered by mail unless  
accompanied by a fee of one dollar. In order that  
correct information may be given, the symptoms  
should be accurately described, stating of how long  
standing, together with color and age of animal, and  
what treatment, if any, has been resorted to. All vet-  
erinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### FARCY.

I have a horse whose hind leg began swell-  
ing, then, at the forward part of the ankle  
or hock joint, broke open and matter and  
blood keeps coming out. The flesh seems to  
be crushed and leaving the bone. I thought  
she had been kicked at first, then the front  
leg went the same way. I thought there was  
something in the leg, but there was not. It  
is something new to me, as I have had horses  
for the last fifteen years, but never saw any-  
thing like this before.

This would seem to be a sure enough  
case of farcy, which is the skin form of  
glanders; incurable, malignant, contag-  
ious. According to state law, affected  
horses must be destroyed and the prem-  
ises properly disinfected and the own-  
er receives remuneration (in part) for  
horses killed. The matter should be  
looked into by the state veterinarian,  
as it is his duty to investigate free of  
charge to owner. Meanwhile, notify the  
local health officer as to what we have  
said. If you can have a qualified vet-  
erinarian examine the horse, do so, as  
he may decide that the disease is "cel-  
lulitis" rather than farcy and, in that  
case, state veterinarian would not have  
to be notified.

#### LUMPY JAW.

I have sixteen steers let out to winter.  
Two months ago one swelled under both  
jaws, which I then supposed to be a wen.  
The swelling has since broken and another  
steer is now similarly affected. Also a third  
steer has a small knot coming under upper  
jaw. I regard all three cases as lumpy jaw.  
Please inform me whether lumpy jaw is con-  
tagious and whether the steers affected  
should be separated from the others. What  
treatment would you advise?

Strictly speaking, the disease is not  
contagious, but invasive, and it is not  
usual to separate affected animals. If  
steers are in fit shape for slaughter,  
they should be sold for that purpose,  
as the meat will be sound when disease  
is in first stage and body has in no  
way become emaciated. Treatment con-  
sists in cutting out the diseased cen-  
ters or in splitting them open and in-  
serting corrosive sublimate wrapped in  
wet cotton to cause sloughing. Iodid  
of potash may also be given in one dram  
doses twice daily in water, but this will  
cause emaciation.

#### WORMS.

(1) I have a male hog and two sows.  
The male has been overworked and the  
sows are wormy and run down on corn. I  
am seeking your advice—is venetian red good  
to destroy worms and how much would you  
give? (2) I have a late colt foaled about  
June and the mare was getting very poor,  
so I weaned the colt about September 20th.  
It did fine for a while, but is very poor now  
and is swelled around the mouth. I grease  
it with turpentine and grease, feed oats, corn,  
hay and shredded fodder. It won't eat bran.  
I feed a small amount of oil meal. What  
must I do?

(1) We have no information relative  
to effects of venetian red on worms.  
Readers who have used it for the pur-  
pose are invited to give their experi-  
ence. Better use turpentine as so often  
advised here. (2) Colt may be infested  
with worms. We do not understand  
what is the matter with his mouth, but  
the treatment mentioned will do more  
harm than good. Allow free access to  
a box containing a mixture of four  
parts salt, two parts flowers of sul-  
phur, one part ground gentian root and  
half part dried sulphate of iron.

#### CATARRH.

Will you tell me what is the trouble with  
my sows, and what to do for them? About  
two months ago I bought two sows and they  
began to cough. I thought they had worms  
and treated them with turpentine. They are  
still coughing and breathe hard while lying  
down. They snore. They sneeze and some-  
times their noses bleed. They sneeze often  
and breathe hard. Otherwise are in good  
shape. I feed corn.

If sows are not pregnant give them  
dried sulphate of iron in their food,  
commencing with ten grains twice daily  
and increasing slightly until discharge  
ceases. Sprinkle chlorid of lime in pen  
each morning. Allow plenty of exercise  
each day and feed very light rations,  
without corn. If at all possible, syringe  
nostrils once daily with a mixture of  
one dram of tannic acid in a quart of  
warm water. If sows unfortunately suf-  
fer from "snuffles" (bull nose) they will  
not recover. As there is a possibility  
of latter disease, keep them away from  
other swine.

#### TEETHING TROUBLES.

I have a colt coming three years old in  
the spring. He slobbers so bad that it



# IOWA STOCK FOOD

## LOOK OUT

For the **WORMS** that  
kill your Hogs.

# FREE


To any person who has never fed **IOWA  
WORM POWDER** we will send a \$1.00  
package **FREE** on receipt of 25 cents in  
stamps for postage and packing.

will cure the mange and scab, kill  
lice, ticks and any vermin on your  
animals. Your animals can be kept clean of lice and skin  
diseases if you use Iowa Dip. Iowa dip is the best on the  
market. A trial will convince you. Write us for prices.

Address Department A.

## IOWA STOCK FOOD CO.

Jefferson, Iowa.



## Blacklegoids

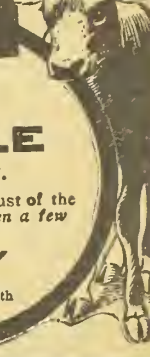
Simplest, Safest, Surest Vaccination  
for the prevention of

### BLACKLEG IN CATTLE

NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the  
instrument. You cannot afford to let your cattle die of blackleg when a few  
dollars spent on Blacklegoids will save them. Write for circular.

**PARKE, DAVIS & COMPANY**  
HOME OFFICES AND LABORATORIES, DETROIT, MICH.  
NOTICE.—For a limited time we will give to any stockman an injector free with  
his first purchase of 100 vaccinations.



## IT'S SAFE, STRONG, SPEEDY, DURABLE

You can break colts easier with this cart. No matter what position  
animal gets in you can dismount instantly.

### CHAMPION CART

Nothing to tangle legs. It's great for road  
use. Absolutely no horse motion. Pleasant  
to ride in. A "hummer" for track use. Seat can  
be adjusted to balance rider thus taking all load  
off the horse. Write quick for free descriptive booklet.

**CHAMPION CART COMPANY, 107 Cavin St., Ligonier, Ind.**



makes him poor. I put him up nights and  
feed him corn, oats and good hay, but no  
clover hay. He eats well, but it does not  
seem to do him any good.

Colt is cutting sixteen new teeth and  
shedding twelve of them, so that he  
cannot masticate properly. It is like-  
ly that milk tooth crowns have failed  
to drop off and a veterinary dentist  
should be called in at once to remove  
them or lance gums over those seen to  
be coming through. Give colt old ear  
corn to chew on, as it helps the teeth  
come through gums.

#### BOG SPAVIN.

I have a four-year-old mare that has  
something like a bog spavin and thoroughpin  
in one hock. About a year and a half ago  
she was kicking in the barn. In a few days  
I noticed her hock swollen. It is not very  
large nor does it lame her any. I doctored  
it a little at the start and it got better. She  
is a valuable mare. Kicking is her worst  
fault. Refused \$200 for her last fall. Please  
give me information as to what to do for  
her.

Give her a box stall when in stable  
and she will be less liable to kick and  
injure her hock. As the swelling does  
not cause lameness, we think it would  
be advisable to let it alone; but if she  
is not pregnant and you are very anx-  
ious to clean up the joint, then re-  
peated blistering may do some good, al-  
though such distensions often prove in-  
curable. A suitable blister would be  
a mixture of one dram each of pow-  
dered cantharides and biniodid of mer-  
cury in an ounce of lard.

#### WARTS.

I have a calf that has large seed warts  
coming on his neck and shoulder, and they  
look very bad. It is catching among the  
other calves. What will I do to get rid of  
them?

The best treatment is to dissect out  
each wart and lightly sear bleeding  
places with a red hot iron. Saturat-  
ing each wart once daily with glacial  
acetic acid, also, will remove them and  
is said that a mixture of one part ord-  
inary baking soda and eight parts lard  
applied daily by rubbing will have the  
same effect. There is very little, if any,  
chance of warts spreading to other cattle.

## Fistula and Poll Evil

Any person, however inexperienced,  
can readily cure either disease with

### Fleming's Fistula and Poll Evil Cure

—even bad old cases that skilled doctors  
have abandoned. Easy and simple; no  
outlay; just a little attention every fifth  
day—and your money refunded if it ever  
fails. Cures most cases within thirty days,  
leaving the horse sound and smooth. All  
particulars given in

Fleming's Vest-Pocket  
Veterinary Adviser  
Write us for a free copy. Ninety-six  
pages, covering more than a hundred vet-  
erinary subjects. Durable bound, in-  
dexed and illustrated.

**FLEMING BROS., Chemists,  
210 Union Stock Yards, Chicago, Ill.**




### ...CURES... FISTULA, POLL EVIL.

In 4 to 16 weeks. When just  
forming usually cures without  
discharging in four weeks.  
Humane and easy to give.  
Price, 50 cts.  
Treatise free upon application

**CLOUSE & STAMM, Chemists,  
22 S. STATE ST., GENESEO, ILL.**

"I cured eight horses of fistula with the above remedy."—Nor-  
man Shearer, Supervisor of Munson Township, Geneseo, Ill.  
May 19, 1906.




## The "STAY THERE"

### Aluminum Ear Markers

are the best. Being made of aluminum they  
are brighter, lighter, stronger and more  
durable than any other. Fit any part of  
the ear. Nothing to catch on feed trough  
or other obstacle. Your name, address and  
any series of numbers on each tag. Sam-  
ple tag, catalogue and prices mailed free.  
Ask for them. Address

**WILCOX & HARVEY MFG. CO.,  
197 Lake St., Chicago, Ill.**



## HOG CHOLERA

CURED and prevented, worms run out and hogs  
made healthy and thrifty in a few days at a  
small expense. Write for book of reliable infor-  
mation on care and treatment of hogs. Also reports of  
public tests. Address,

**Dr. J. H. Snoddy Remedy Co.,  
Box 852, Des Moines, Iowa.**





## ADVERTISING NOTES.

Kherian oats is offered for sale by Messrs. Aye Bros., of Blair, Neb.

Seed corn, sold under the Holden test, is offered for sale by the Gateway Nursery Company, of Le Mars, Iowa.

Mr. L. H. Wright, of Le Mars, Iowa, is offering ginseng plants for sale. His advertisement appears on page 11.

Silk and satin remnants, beautiful pieces in different sizes and colors and squares and corners will be sent to anyone on receipt of price by addressing the Seville Lace Company, West Orange, New Jersey. Mention The Homestead when you write. See page 18.

For \$4,500 cash, the balance on three years' time, you can secure one of the finest 200-acre farms in Henry county, Missouri. The farm is situated near Browningtown, Mo., and is within easy reach of Kansas City markets. Write the Western Stoneware Company, Monmouth, Ill., for a fuller description of this farm and mention this paper.

Owing to the large number of settlers and land seekers who are going into the district west of the Missouri river in North Dakota, land prices have been rapidly advancing. The E. M. Kieron Land Company, of Minneapolis, Minn., own lands there in Morton and Hettinger counties and are offering them in tracts from quarter sections up. See their advertisement on page 28.

Those who have not yet secured a remunerative position for the coming season will do well to write to the World Medical Company, Dept. H. 8, St. Paul, Minn. They are prepared to use a number of good salesmen this summer, selling a nice line of goods. No money is required to start and if you are interested in this line of work see page 21 for their advertisement.

For northern grown Reid's Yellow Dent seed corn we invite our readers to write to Messrs. A. M. Avery & Sons, of Mason City, Iowa. Every purchaser is promised satisfaction or money back. This is a straightforward offer of carefully-selected seed, crated for shipment without loss. Don't neglect to get your order in before their supply is gone. Write today and mention The Homestead. See page 11.

Close connection between the farm and factory is responsible for the low prices which are being quoted on many of the farm implements. It is the plan of present day methods for meeting competition. Extremely low prices are quoted on all the regular farm implements on page 3. You should not fail to investigate this proposition. For further description write to the Hapgood Plow Company, 117 Front St., Alton, Ill. See page 27 for this special offer.

On page 27 an Iowa jeweler is offering to supply each one of the thousands of readers of this paper with a high-grade watch. He claims to carry all the leading makes in stock. All he asks you to do is to write him and give him an opportunity to show you the merits of his goods. He is certainly quoting low prices and he should have no difficulty in disposing of good watches at this price. If you are out of a time piece and intend to buy one, write to Mr. Louis C. Rathbun, of Maynard, Iowa. Kindly mention this paper when writing.

## NEW AND SECOND-HAND TRACTION ENGINES.

A great opportunity is offered to buy a good engine at practically cost-price and ranging in size from eight to fifteen horse power. Some of these are new and others are second hand and are ready for immediate shipment. Write to O. S. Kelley Manufacturing Company, Iowa City, Iowa. Their advertisement appears on page 27, and kindly mention The Homestead when writing.

## INSURE THE CORN CROP.

It doesn't take a hail or wind storm insurance agent to insure the corn crop, neither will a good seed bed insure a maximum crop. Some good, common sense on the part of the farmer in selecting and testing his corn planter will come more nearly insuring a good crop than any other thing which he may do. It matters little how high the corn tests, how favorable the season or how well prepared the seed bed, unless an even stand is secured maximum results will never occur. A cheap corn planter would be expensive as a gift. Of all the farm tools, the corn planter is the one to be selected with the greatest care. The J. I. Case round hole plate runner planter has been developed until it is nothing less than wonderful in its distributing mechanism. You really should see the new model. By actual test, it has distributed 476 kernels without missing or breaking a kernel. This is remarkable. Ask your dealer to show you

one of these planters and remember that it is the J. I. Case planter. If he does not have it, write for free catalog to the J. I. Case Plow Works, Dept. R22, Racine, Wis. See page 10 for their advertisement.

## THIS FARM WILL SELL.

One of the finest farms in the central states is advertised for sale in this issue in the Lands and Homes department. It is located in Jackson county, Missouri, nine miles from Kansas City. Most of it is rich corn land which has been tilled at a cost of \$35 an acre. Think what a fine home such a farm near Kansas City would make. This farm is actually worth \$50 more than the price asked. It consists of 390 acres and is offered for sale by Mr. J. H. Lipscomb, Fidelity Trust Bldg., Kansas City, Mo. Look up the advertisement on page 29 and write him.

## PREPARE FOR THE HAY CROP.

Experience is a wise teacher and those who have hay tools to install in their hay barns should not delay this important matter. When the hay crop is ripe, everything wants to move along smoothly. It is a season when delays are expensive. The Law Manufacturing Company, of St. Paul, Minn., are preparing to furnish you itemized estimates of the cost of a first-class equipment of hay tools in your barn. See their advertisement on page 32 and write them at once.

## FARM AND GARDEN TOOLS AT FACTORY PRICES

generally insures a bargain. Saving money this way is like adding to your bank account. You get exactly the tool which you want and with very little delay. The Greenville Implement Company, Dept. 4, Greenville, Mich., are making special prices now on their fine line of farm and garden tools. You should write them at once for their handsome colored catalog and special free book on gardening. See page 5 for their announcement.

## EVERY ROLL

of Waterproof Rubber Roofing sold by the Farmers' Supply Company, of West Branch, Iowa, is guaranteed. This brand of roof covering is made in three sizes, the one-ply which sells for \$1.35 per hundred feet, the two-ply at \$1.90, and the three-ply at \$2.50. This brand needs no coating and has no sand surface to cover defects. It will stand any climate and it is claimed to cost only one-third as much as shingles considering the difference in lasting quality. Write for samples and address your inquiry to the Farmers' Supply Company, West Branch, Iowa. Mention The Homestead when you write. See page 32 for illustration and particulars.

## MAKE WASHING EASY

by buying the best washing machine on the market that you can find. The old-fashioned way of breaking women's backs over the wash board has largely passed away, thanks to the efforts of inventors and the H. F. Brammer Manufacturing Company, of 1457 Rockingham Road, Davenport, Iowa. They are offering a first-class washer on page 24 of The Homestead. This washer, which is known as the Royal Blue, is very handy to operate, as well as of nice design, and should be a boon to every family who do their own washing. Write today for booklet and valuable suggestions on washing. See page 24 and remember to address them in full as given above.

## LOOKING FOR THE PAINT MAN?

If you are looking for the paint man, right here is where you will find directions to locate him. The paint man to whom we refer is a man who makes paint, instead of using it. He not only makes paint, but sells paint, for he has placed himself under forfeit to sell only high-class paints and oils. The good, old-fashioned paint which we used to see years ago is the kind that this paint man is making. He offers an eight-year guarantee on the paint which he makes, and this is certainly a proposition worth investigating. Before you buy your supply of paint, write to Mr. O. L. Chase, the paint man, Dept. 27, St. Louis, Mo. See page 12 for advertisement.

## BIG SAVING TO FARMERS.

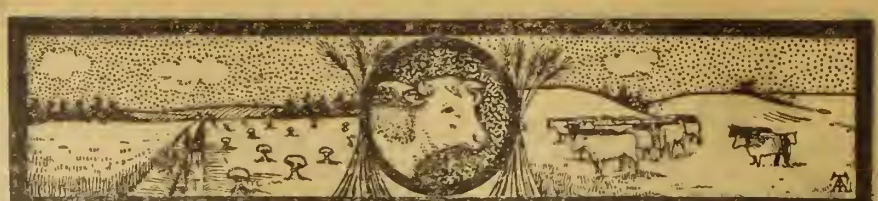
Anyone in need of lumber, pipe, roofing, plumbing supplies or farm machinery of any kind should write at once to St. Louis Wrecking & Supply Co., 3867 Manchester Ave., St. Louis, Mo., and get their prices, as a big saving can be had on these articles. This concern have purchased the Tyrolean Alps, the greatest feature of the World's Fair, and the historic coliseum and music hall which has made St. Louis famous, and have ten million feet of lumber all in first-class condition which can be bought at half price. They have just issued a very complete catalog which they will send postpaid to any of our readers upon request. See advertisement on page 18.

## A BUGGY BARGAIN.

Before we end this little tale we are going to tell our readers just where they can find the description of what is claimed as one of the greatest bargains in buggies that is offered to buyers this season. The buggy is made of first-class material throughout and trimmed in popular colors. It is nicely finished in nickel and leather and is a very fine appearing buggy altogether. Special prices are being made on this buggy for the simple reason that they are being made by an implement factory which at certain seasons of the year can turn these buggies out to keep their force of men at work. For the price and further description see page 23 and note the offer is made by the Hapgood Plow Company, 402 Front St., Alton, Ill.

## NOT RABBIT FENCE.

The Anchor Fence, manufactured by the Anchor Fence Company, of Cleveland, Ohio, is not of the rabbit wire kind. All its horizontal are of large, hard steel coiled spring wire and they are fastened at every intersection to the upright stays so there is no possibility of their slipping. The result is a fence that is strong and tight and maintains its upright character. The wires are heavily galvanized. The coil permits the fence to adjust for extremes in temperature without sagging and breaking. If you need fence a good thing to do is first to write the manufacturers for their free fence book and make a study of the Anchor Fence. When you put up a wire fence get something



# Buy A Combination Farm

HERE is one place where you can buy grazing land for your live stock and irrigated land for farming purposes side by side—That is in Sunny Southern Alberta, Canada.

Just stop and consider the advantages of such an arrangement as that—For farming purposes you have a never failing water supply which insures your crop when you place seed in the soil—You also are assured of having a constant supply of water for your live stock.

On the irrigated portion of your farm you can raise most any kind of grain or root crops—you can raise forage for your live stock.

On the non-irrigated section you will have the finest range for your live stock to be found in the world. The native grasses on the plains of Alberta are rich in the fattening properties so much so that Alberta beef shipped direct from the ranges has come to be considered as fine as the corn fed beef of the States.

Good markets are one of the features of Alberta—the farmer has no difficulty in selling everything he raises at prices as satisfactory, considering

the cost of production, as are to be had anywhere.

Combination farms in the irrigated district of Southern Alberta are to be had at a price so low and on terms so easy that everyone should own a farm. Of course, the irrigated lands cost a little more than the non-irrigated and that is the advantage of being able to get a combination farm. A live stock range can be secured very cheaply, while in other districts where nothing grows on non-irrigated lands the settler must pay high prices for every acre whether he desires to utilize it for live stock raising or not.

The water supply in Canada is unfailing because the government does not authorize the construction of more ditches than there is water to fill, and the heavy water supply comes down from the mountains just at the season of the year when it is most needed, during spring and summer.

Come to Alberta and get a combination farm—we will be glad to tell you about the low prices and easy terms—We will also be glad to tell you how to see the country at very low cost—it is a fine trip. Write us for information and then come up.

## CANADIAN PACIFIC IRRIGATION COLONIZATION CO., Ltd.

71 Ninth Street, West,

Calgary, Alberta, Canada.

Sales Department, Canadian Pacific Railway, Irrigated Lands.

## PILES, FISTULA AND OTHER RECTAL, BOWEL AND STOMACH TROUBLES ARE DANGEROUS IF NEGLECTED

IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

## ADDRESSES OF A FEW OF MY IOWA PATIENTS CURED.

G. C. Wardfield, Traer, Ia.; Mrs. W. B. McCaul, Villisca, Ia.; A. E. Miller, Vinton, Ia.; Henry Smith, Morning Sun, Ia.; G. A. Wood, Humboldt, Ia.; H. F. Opfer, Waucon, Ia.; W. Smouse, Washington, Ia.; T. O. Williams, Morning Sun, Ia.; T. J. Ochiltree, P. M. Morning Sun, Ia.; Rev. Robert Carroll, Ft. Dodge, Ia.; M. A. Crawford, Clarion, Iowa. BOOKLET SENT FREE.

J. M. AULD, M. D., 80 DEARBORN ST., Dept 11, CHICAGO, ILL.

good and substantial. It is better to do the job so it will last many years. See page 25 for illustration and write for the catalog, kindly mentioning The Homestead.

## PRESS YOUR HAY

with an Ohio self-feed baling press. It is an all-steel frame machine, with a license to last a lifetime. One horse will bale more hay one day on the Ohio than two will bale a machine of less superior make. Start a horse and that is all there is to it. The sweep is a full circle with three strokes to the round. No bridge to stumble over and an extra leverage. You'll want one when you see this year's model. Write for the catalog to the Ohio Cultivator Company, Dept. 13, Bellevue, Ohio.

## STATE LAND SALES.

Mr. Samuel C. Iverson, of St. Paul, Minn., auditor of the state of Minnesota, announces on page 29 of this issue of The Homestead the dates and places at which he will conduct sales of school and other state lands. These dates extend from June 11, 1907, to July 3d, and the sales will include some of the very best lands of the good state of Minnesota. This is a rare opportunity to secure a good home, and, at the same time, make a good investment in lands that are bound to advance in price. These lands will be sold at public auction to the highest bidder. Fifteen per cent of the purchase price must be paid at the time of sale. The balance may run forty years at 4 per cent annual interest if desired. The title to all state lands is perfect. Write Mr. Iverson, St. Paul, Minn., for his valuable book on Minnesota lands, also list of the lands offered at this sale. This is a rare opportunity. Mention The Homestead.

## CURED OF FISTULA WITHOUT LOSS OF TIME FROM BUSINESS.

The Institution of Drs. Thornton & Minor, of Kansas City, Mo., have been curing people afflicted with piles, fistula and other rectal diseases for thirty years. Below we give a letter from one of the most prominent bankers in Missouri. Read it: "Platte City, Mo., April 16, 1902. Drs. Thornton & Minor, Dear Sirs:—I will say, concerning your treatment, there is nothing like it. I can't say enough for you or your treatment. After fifteen years' suffering with the piles and several months with fistula, I was treated twice a week by you, going from my home to Kansas City and returning, never losing time from my business. I was perfectly cured and paid nothing until I was satisfied with the cure. Yours respectfully, C. B. Cockrill, President Exchange Bank." If troubled with any of the above diseases look

up the advertisement of Drs. Thornton & Minor on page 17 and write them.

## SHEEP SHEARING MACHINES.

Everyone who owns sheep in any number will do well to write the Chicago Flexible Shaft Company, 234 Ontario St., Chicago, Ill., for their attractive catalog of modern shearing machines. They advertise a new shearing machine in this issue that in price and quality should appeal to all who are in the market for anything of this kind. This firm now make hand-power shearing machines so well and so low in price that they are rapidly displacing the old hand shears everywhere.

## AN ESSENTIAL IN BREAKING COLTS

is a well-made cart. No matter how bad a horse may cut up, he is no danger of hurting himself or his driver when he is hitched up in a Champion cart, such as is manufactured by the Champion Cart Company, 107 Cavin St., Ligonier, Ind. The cart is fitted with an adjustable seat, which makes it possible to adjust the weight, no matter how heavy the driver. This takes all the load off the horse and makes a very convenient and satisfactory arrangement all around. Write today for free booklet and see page 19 for further details.

## A GARDEN LAND IN KANSAS.

Garden City, Kan., is known to be situated in one of the finest areas of irrigated farm lands in the Southwest. It now offers unexcelled opportunities to those who wish to engage in the culture of sugar beets, alfalfa, fruit, live stock and dairy farming. It is located in an ideal altitude and climate and irrigation resources are inexhaustible. Write for full information regarding this country to Mr. W. McC. E. Rowan, Garden City, Kan., Secretary of Industrial Club. See page 29 for advertisement.

## THE CRUEL TEAMSTER

cares little for the comfort of his team. It probably never occurs to him that his team cannot do their best unless they are in the best of condition. A sore or gall on the shoulder as big as the palm of your hand scarcely attracts his attention until it becomes so large that his horse absolutely refuses to pull. Then it is a rather late time to begin treatment. If any teamster has good common sense and any feelings at all for his team he will see a gall almost as soon as it starts. Just as soon as there appears any small swelling on the face of the shoulder it is likely a gall or blister. Go after it right there. Get a box of Security Gall Salve and apply according to directions. It heals while the horses work. See the advertisement on page 19 and

**Durable Harness**

Your harness will always look well and wear well, and will give double service if treated with

**EUREKA Harness Oil**

Prevents rotting. Gives a glossy black finish. Makes leather soft, strong and durable.

**BOSTON COACH AXLE OIL**

Is the best axle lubricant. Will not gum or corrode. Superior to castor oil and more economical. Sold everywhere—all sizes.

Made by **STANDARD OIL CO.**  
Incorporated



write for a free sample of gall salve, if you cannot obtain it in town, write to the Security Remedy Company, Minneapolis, Minn.

FOR THE RETIRED FARMER

who wishes to utilize spare time by doing some pleasant, remunerative work, there is being offered on page 4 an attractive ginseng proposition. The offer is that of county manager for a company with headquarters in Chicago. Everybody knows that the great tonic properties of this herb have created a wide demand for it ever since the plant has been known. The offer no doubt opens a splendid opportunity to those in a position to accept it. Write today to the Ginseng Tonic Company, 4552 Forestville Ave., Chicago, Ill.

CANNOT PRAISE ABSORBINE ENOUGH.

Mr. W. N. Van Daron, of Handon, Tenn., writes under date of December 26, 1905: "I received your bottle of Absorbine and it has taken the bunch all away. It has helped my horse so much I cannot praise it enough." Absorbine does not blister or remove the hair and horse can be used during treatment. It is a prompt and permanent remedy for removing bunches and blemishes from horses and cattle, allaying pain, healing cuts, overcoming lameness. Get a bottle today, or if you want more information before purchasing, write for Absorbine pamphlet. Absorbine is \$2 per bottle, express prepaid. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

HOW TO SAVE ON THE COST OF A WATCH.

There are just as many ways of buying a watch as there are makes of watches. On page 22 a plan is given whereby you can buy a first-class Elgin watch and at the same time save the price of what an ordinary watch would cost you. These watches are guaranteed to be first-class in every particular and at the prices quoted are undoubtedly being sold out at wholesale. The company making this offer guarantee their responsibility and are making this low price

for the purpose of introducing their goods. You can order this watch direct from this advertisement if you desire, though if you wish to know more about their great offer write for their big catalog which fully describes many other of their specialties in the line of household articles, etc. Address your inquiry to Herr, Thomas & Co., Dept. 88A, Pittsburg, Pa.

THE PRICE OF A CREAM SEPARATOR largely determines its sale. The price, however, is not always an indication of quality. The Davis Cream Separator, which is being advertised on page 9, are quoting especially attractive prices at present. The construction of this machine is claimed to be far above the price which is asked for it. It is a perfect skimmer, easily cleaned and turns easily. In sending for further information, ask for money-saving catalog No. 118 and address your inquiry to the Davis Cream Separator Company, 54L N. Clinton St., Chicago, Ill. Write them.

THE CLIPPER LAWN MOWER.

Something new in the line of lawn mowers is advertised this week on page 17. The Clipper is manufactured by the Clipper Lawn Mower Company, Dixon, Ill. One needs only to study the illustration appearing in the advertisement to note the several points of merits in its construction. It cuts grass and weeds of any height and leaves a smooth lawn. Another feature deserving of notice is that it does not pull the grass, as is apt to be the case with a rotary mower, especially when the knives become dull. There is a general demand for the "Clipper," which indicates that it is correct in its construction and operation. The company have been flooded with orders and their factory is crowded to its utmost capacity to meet the demand. Full particulars may be obtained by addressing the manufacturers, mentioning this paper.

SOMETHING NEW IN CREAM SEPARATORS.

The Lisle Manufacturing Company, Box 39, Clarinda, Iowa, advertise in this issue something new in the line of cream separators. They are prepared to offer a cash proposition to those who have no agent in their locality and need to buy direct. The claim which they make for their cream separator is that it is the lightest running and most convenient machine up to date; also that there are few parts in its construction, which reduces the liability of breaks. It is to be regarded as a machine of long life, at the same time it is a machine of high efficiency as a saver of cream, as well as strength. For a free catalog and other desirable information regarding this separator, write the above address. See page 9 for advertisement.

STEEL ROOFING AT FACTORY PRICES.

For \$1.50 per 100 square feet the Chicago House Wrecking Company are offering a first-class grade of steel roofing. They have on hand a million square feet of this material, having secured it at bargain prices. They are now giving users of this material the advantage of this great reduction. In buying direct from this company you save a great deal of middlemen's profits. Freight is paid on this material, so you will know when ordering just exactly what the price of it will be at your station. Besides the roofing, they are quoting special prices on brick siding and metal ceiling. Their 500-page catalog No. WB500 is free to those who write for it. It contains a full line of bargains from cover to cover. Among the many thousand things quoted within its covers are a few of the articles advertised on page 18. There you will find a coupon which, if you will fill out correctly and mail, will bring you their catalog.

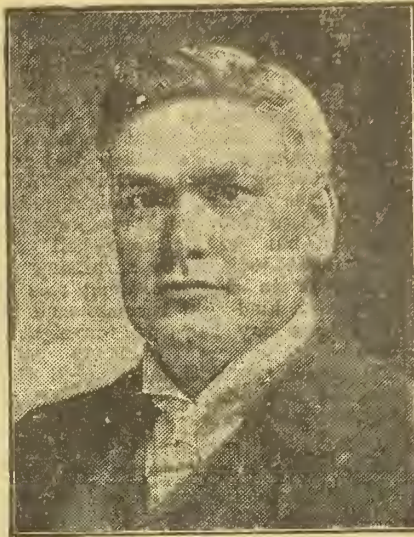
GREAT VEHICLE BOOK FREE.

The Ohio Carriage Manufacturing Company's catalog for this season contains 184 profusely-illustrated pages. All the latest styles of buggies are so perfectly pictured by photographic reproduction that they seem to stand out before you. It should certainly be worth your while to know exactly what materials are used in the making of good buggies; to know what parts are wood, metal or leather. It should also interest you to know what kind of a guarantee goes with a buggy and who stands behind this guarantee. All the vehicles put out by this company are made to stand the hardest kind of usage. In this elaborate catalog will be found a full description of all the points necessary to the knowledge of buggy users. Its pages are filled with information about the Ohio Carriage Manufacturing Company's famous split hickory line, buggies, wagons, phaetons, surreys, carriages, carts and every imaginable style of vehicle. We think we are fully justified in asking every buggy buyer to send for this catalog, as it contains some of the latest and best offerings on the market. See page 12 for the advertisement and address Ohio Carriage Manufacturing Company, Station 31, Cincinnati, Ohio.

THE GREATEST REFRIGERATOR INVENTION OF THE AGE.

What will undoubtedly prove a boon to housewives in the line of a refrigerator which needs no ice is the "Iceless" refrigerator manufactured by an Illinois firm. It is undoubtedly something which will fill a great need, as not every family has the advantage of a good supply of ice for hot weather. It is almost impossible to keep a good supply of food ahead unless there is some means of preventing it from souring or deteriorating during the hot summer months. The housewife that must prepare every meal as it comes must make herself almost a permanent fixture in the kitchen. With a good refrigerator, food can be prepared in amounts that will be sufficient for several meals ahead. With an "Iceless" refrigerator this can be done on any farm now. The refrigerator is simple in its construction and easy to operate. It is made to stand the wear and will keep meat, milk, cream, butter and other edibles in good condition from one day to another. The cost of the Iceless refrigerator is so low that it will undoubtedly keep the manufacturers overtaxed to supply the demand. A free trial is allowed and this way you have an opportunity to become acquainted with the advantages of this new system of keeping food. It is probably one of the greatest

# 30-Days' Catarrh Treatment Free



T. F. WILLIAMS, M. D., Consulting Physician.

JOSEPH ZARN, Harrisburg, Neb., writes: "I am feeling better than I have for years and believe your treatment has cured me. I feel satisfied that I will need no more medicine."

MRS. T. W. SHERIDAN says: "I am so much improved in health that I have decided to discontinue treatment. I think your medicine has accomplished great good and I wish you all the success possible." Mediapolis, Iowa, R. R. No. 3.

I am offering you exactly what I say, a full thirty-days' treatment of your catarrh free; all you need to do is to send me the coupon properly filled out. I know I am able to cure you, for I have in the past twenty years cured thousands of catarrh sufferers and I have testimonials from Maine to California and from the Lakes to the Gulf that tell of my cures. Testimony from grateful patients that will gladly tell you all about their own case and how I cured them. My free offer gives you the opportunity of testing me before you begin to pay for the treatment.

WM. BECKETT, Sbarsburg, Iowa, writes: "I am feeling well and will not need any more medicine. Your medicine certainly has done all you claimed. I will recommend your treatment to other catarrh sufferers."

W. A. DICKEY, Madrid, Ia.: "Both wife and I are doing nicely and feel that we have fully recovered and will not need further treatment. We are very much pleased with the result and thank you for the strict attention you have given us."

FREE TREATMENT COUPON.

DR. T. F. WILLIAMS, 408 Flynn Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

NAME .....

ADDRESS .....

household inventions of the age. You may learn all about its construction and efficiency by writing for the illustrated booklet to the Galesburg Cornice Works, 10E Ferris St., Galesburg, Ill. See page 3 for a picture of this refrigerator.

CATARRH TREATMENT ONE MONTH FREE.

Dr. Williams, of Des Moines, Iowa, has from time to time, through the columns of this paper, announced his willingness to send to any of our readers a month's treatment free. He wants to give every sufferer of catarrh of the head, nose, throat, bronchial tubes, stomach, liver, bowels, kidneys and bladder, no matter how chronic the case may be, an opportunity of testing the curative powers of his own private methods of treatment for this dreadful disease, and he makes the public this astonishing offer, to treat free of charge any case of catarrh for one entire month. If you have tried others, and have failed to be benefited after expending a large amount of money, you should see the advantage of trying his treatment under this offer for one month. If you are not benefited to such an extent that you care to continue the treatment until cured, you are under no obligations to do so. Dr. Williams has cured thousands of patients of the very worst cases of Catarrh, and his faith in his own ability to cure is so great that he has no hesitancy in making this liberal offer. Many times one month's treatment alone completes the cure. Address Dr. T. F. Williams, 408 Flynn Building, Des Moines, Iowa, using the coupon found on this page.

GET ALL THE VALUE OUT OF THE MANURE.

The figures on the waste of manure annually are startling. Necessarily the estimates are somewhat in the rough. But if anyone will stop to consider the waste on his own premises, from various causes, he must see that the figures in the aggregate would be appalling. One of the greatest of all the wastes is in the way manure is applied to the land. The common method is to haul it out and either attempt to spread it with a fork at once, or to throw it off in piles and then spread it later on when leisure is found. Just remember that plant life can only take its nourishment in liquid form, and the waste by this method of manuring is apparent. It falls from the fork in piles and lumps. Then it dries and when a rain comes, the fertilizing element is largely washed away. Scarcely half of it enters the soil to enrich it or to nourish immediately the growing plant. Contrast this with spreading manure by machines. Take either the Corn King or the Clover Leaf Manure Spreader manufactured by the International Harvester Company. The spreader tears the manure apart and spreads it thin and evenly. There are no lumps to waste. Every particle of its fertilizing contents is in condition to enter and enrich the soil. The plant roots can lay hold of it at once. The results are immediate. The future benefits to the land are also many fold greater. There is hardly a more useful farm machine today than one of these I. H. C. manure spreaders. They are very similar except in the matter of apron. The Corn King is a return apron; the Clover Leaf is an endless apron spreader. Which one to buy is a matter of personal preference. Local International dealers, who

Porter's "Meadow King" Hay Carrier



Has wide open mouth, with swinging fork pulley. With this Carrier you can fill the mow closer to the roof of barn than with any other Hay Carrier. The throat of the Carrier has a very large opening, which permits the pulley to approach with a swinging load, and the load can swing in either direction when loaded in the Carrier.

J. E. Porter Co., - Ottawa, Ill.

**PATENT YOUR IDEAS**  
\$100,000 for one invention; another \$3,500. Book "How to Obtain a Patent" & "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense. Patent Obtained or Fee Returned.  
CHANDLER & CHANDLER, Patent Att'ys,  
956 F. Street, Washington, D. C.

are found in most every town, are able to give the arguments in favor of each, respectively, and to explain fully their other merits. Catalogs and other printed matter may also be had from these agents, giving detailed information. See advertisement on page 11.

HOMES IN THE NORTHWEST.

Why not settle on the government land, of low-price farm lands that are improved, in South Dakota; thus staying near at hand instead of journeying to a distant region where the climatic conditions and social surroundings are widely different? Special low rates are in effect the first and third Tuesdays of each month to all South Dakota stations on the North-Western Line. It will pay you to investigate. New lines are opening up extensive territory to development, creating the chance of a lifetime. Ask your ticket agent to give you full particulars, with maps, pamphlets, and complete information regarding railroad rates and the steps necessary to secure government land free.



## KRESO-DIP

### FOR SPRING DIPPING

### AND Hand Dressing All Stock.

PUTS AN END TO LICE, TICKS, MITES, FLEAS, MANGE, SCAB, RINGWORM, ALL SKIN DISEASES.

Don't waste time and money on inferior dips.

## KRESODIP

NON-CARBOLIC. STANDARDIZED.

Prepared in our own laboratories. Ask your druggist for Kresodip. Write us for free booklets telling how to use on all live stock.

## PARKE, DAVIS & CO.

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BRANCHES: New York, Chicago, St. Louis, Boston, Baltimore, New Orleans, Kansas City, Indianapolis, Minneapolis, Memphis, London, Eng.; Montreal, Que.; Sydney, N.S.W.; St. Petersburg, Russia; Bombay, India; Tokio, Japan; Buenos Aires, Argentina.



## WE WANT MORE SALESMEN

With a fair supply of energy and ability, you can make from \$100.00 to \$200.00 a month net profit, selling our Household Remedies, Extracts, Spices and Animal Foods direct to the consumer. No money required; we furnish the goods on time, no experience necessary; we teach you how to sell our goods. Better write us today for particulars if you mean business.

WORLD MEDICAL CO.  
Dept. H 8 ST. PAUL, MINN.

**MAKE MONEY**  
pulling stumps, grubbs, etc., and clearing land for yourself and others. Hercules Stump Puller is the best.  
Catalog FREE. Hercules Mfg. Co., Dept. B70, Centerville, Ia.



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

At a luncheon the other day there was a woman—a visiting woman—who made quite an impression. This woman was at such pains to be gracious, she was so anxious to create a good impression, that she over-reached herself. One voted her insincere, another called her a gusher, and no one, I fear, gave her the admiration and regard she so evidently craved.

I keep thinking of this woman. The reason is, she stands for both an "ought" and an "ought not."

It is perfectly legitimate to desire to be well thought of, and it is not only perfectly legitimate, but eminently proper, to say and do gracious things. The sum of the world's happiness depends largely upon these things and it would be immeasurably increased if people would only cultivate love of approbation and the habit of being gracious in the little affairs of every day.

Last week at a study club gathering, the only son of the hostess assisted in serving the refreshments. The little fellow (he was perhaps nine years old) passed teacups and carried cake as nicely as any trained waiter could have done, and all the while he bore himself like a little gentleman. As the club members were making their adieux one of the women said to the hostess, "Your cake is delicious, Mrs. S. I'd like the recipe, but I'd a good deal sooner have your boy. You wouldn't part with him, of course, and I don't wonder. He's a darling, and he surely does credit to your training." The hostess had been looking a trifle fagged and pale, but she flushed and brightened with pleasure, and grasping the speaker's hand, said warmly, "Oh, thank you. I'm so glad to know you like Willis." That evening when her husband asked, "Well, and how did your club meeting come off?" Mrs. S. replied, "Oh, very well, and Willis helped so nicely that Mrs. C. complimented me about him."

Probably every one of the club women that afternoon had noticed the charming behavior of the son of the house, but only one had taken thought that praise of her little lad would be sweet to the mother.

It seems to come natural to some persons to be gracious, but if graciousness is not a natural gift it may be an acquired accomplishment. But here we come back to our starting point. When people cultivate the art of being gracious they often go too far. In the desire to make themselves agreeable by giving pleasure they overdo and become, according to temperament, effusive or insincere.

To be forewarned is to be forearmed. If we who desire to cultivate the grace of graciousness, the habit of saying and

doing little courteous things, will at the same time cultivate sincerity and self-restraint, we may escape both the pitfalls which beset the pathway to our goals.

As I write I find myself picturing a home in which every member of the family strives to seize every opportunity for being gracious, courteous and kind. The picture is so beautiful I feel like suggesting that mother, father and children in the homes of this great Home make a compact to try the experiment for a week. They might begin on Sunday morning and have their first experience meeting Sunday evening. At the experience meeting each might tell, not of successes (they would speak for themselves), but of failures and afterthoughts. It is really surprising when one gets to thinking along this line, how keen hind-sight becomes, and hind-sight one day helps to fore-sight the next.

In connection with the thought of systematic self-culture, three maxims seem worth while quoting; they are:

"What we truly and earnestly desire to be, that in some sense we are."

"The most important of all is the education of the will."

"By persistent labor man may attain to all excellence."

It is evident that we can make ourselves by desire and effort. What we can do, we may do; and in this case, what we may do, we should do.

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

Talk happiness. The world is sad enough. Without your woes. No path is wholly rough. Look for the places that are smooth and clear.

And talk of them to rest the weary ear. Of earth, so hurt by one continuous strain Of human discontent and grief and pain.

Talk faith. The world is better off without Your uttered ignorance and morbid doubt. If you have faith in God, or man, or self, Say so—if not, push back upon the shelf. Of silence all your thoughts, till faith shall come.

No one will grieve because your lips are dumb.

Talk health. The dreary never-ending tale Of mortal maladies is worn and stale. You cannot charm, or interest, or please, By harping on that minor chord, disease. Say you are well, or all is well with you, And God shall hear your words and make them true.

—Ella Wheeler Wilcox.

## HOW MAKE AND KEEP THE FEET BEAUTIFUL.

It is very foolish for a woman to think that she can increase the beauty of her foot by trying to crowd it into a shoe many sizes too small. She only distorts and destroys the curves and outlines that give the foot its beauty. A woman's foot is always in proportion to her size, and for a large woman to try to make her foot appear much smaller than nature intended it to be, is simply to throw it out of harmony with the rest of her physique, and when any part of the body is out of proportion with the rest of it, the beauty of it is destroyed. Low shoes for summer, soft slippers for the house, high shoes for winter. Any one, or all of these, a woman may wear and yet have her feet dressed in a common sense and comfortable manner. I do not think there are many women nowadays who wear thin-soled shoes for outdoor wear. The heavy sole has become very popular and is the only sensible thing for general wear. It is a foolish



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EDDYSTONE  
PRINTS**

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You know them; your mother knew them also. Exactly the same high quality that first made Simpson Prints the standard. Better designs than ever; some designs in a new silk finish. Absolutely fast colors.

Ask your dealer for Simpson-Eddystone Prints

Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.





**"A Kalamazoo Direct to You"**

End your stove worries! Get a Kalamazoo Stove or Range on a **360 DAYS' APPROVAL TEST** and a \$20,000 bank guaranty on durability, convenience and economy of fuel. You cannot get a better at any price, but you save from \$5 to \$40 by buying from the actual manufacturers at **Lowest Factory Prices—We Pay the Freight**. At least get our prices and compare our offer. Send postal for catalogue No. 165.

Kalamazoo Stove Co., Mfg., Kalamazoo, Michigan.

Our patent oven thermometer makes baking and roasting easy.

## Cancer Cured at Home

I have so perfected my Mild Combination Treatment that patients may use it at their home with as good results as though it were applied at my offices. I will gladly furnish to every sufferer positive and indisputable proofs that my treatment **does cure Cancer**. I will furnish ample evidence of my integrity, honesty and financial and professional ability. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—write for my book, "Cancer and Its Cure." It will cost you nothing and will tell you how you can be cured at home. Address,

**DR. O. A. JOHNSON, SUITE 371, 1233 GRAND AVE. Kansas City, Mo.**

Have you a friend suffering from Cancer? Do them a favor they'll never forget by sending them this ad

woman who will venture out in rainy weather with her feet poorly clad.

Woman do not walk as much as they should. This is largely because they do not wear a practical shoe and walking is made painful by bunions, corns, etc. With the feet free from blemishes and clad in comfortable shoes a long walk in the country, a ramble in the woods, would not only be an enjoyable outing, but would cause one to breathe the fresh air, bring into play the muscles, stir up the dormant circulation, invigorate the brain, bring the glow of health and vigor.

Sunshine is the constant demonstration in our own every-day living, of that love for our fellow-men that will make the world brighter for ourselves and others. That love that will continually shine in kind words and loving deeds for others. That love that compels us to rejoice with them that rejoice and weep with those who mourn.

We often do more good by our sympathy than by our labors, and render to the world a more lasting service by absence of jealousy and recognition of merit than we could ever render by the straining efforts of personal ambition.—Dean Farrar.

## SIMPLIFIED SPELLING.

Speaking of phonetic spelling, we certainly need it, from this story:

Little Willie came home from school one afternoon, crying, and on being asked by his mother the cause, he told her that he had missed a word in spelling and had been whipped by his teacher.

On being asked what the word was and how he spelled it, Willie told her the word was pneumonia and that he had spelled it n-e-u-m-o-n-i-a.

The next day Willie came home crying even harder than the day before.

His mother, asking the cause, was informed that Willie had missed another word in spelling, and had been whipped for his mistake.

He told his mother that the word he missed was neuralgia, and that he spelled it p-n-e-u-r-a-l-g-i-a.—Judge.

## THE HUNGRY CROCODILE.

Upon a little dinky,

A-swimming in the Nile,

Appeared quite unexpectedly,

A hungry crocodile,

Who, with that fierce politeness

That makes the warm blood freeze,

Remarked, "I'll have some dark meat,

Without dressing, if you please."

—Selected.

## FOR THE COOK.

Vienna Chocolate—Put into a double boiler one or one and a half scant quarts milk and heat nearly to the boiling point. Cut four ounces chocolate in fine bits and put into a small granite ware or iron saucepan with a level salt spoonful salt, two tablespoonfuls sugar and two tablespoonfuls hot water. Cook until smooth and shiny and do not be afraid of cooking too long. Now whisk into the hot milk, beating lightly with a Dover egg beater. Flavor with vanilla or cinnamon and serve at once, putting a tablespoonful whipped cream in each cup and filling up with chocolate. Cooking the chocolate in this way prevents it from settling in the cups and does away with the greasy taste that many object to.

Baked Eggs—Break the required number into a shallow baking pan; season with salt, pepper and small bits of butter dropped around over them and pour over the whole a cup of good, rich cream. Put in a very hot

oven and bake until they begin to turn white on top. Eggs cooked in this way are very delicate and different in flavor from the ordinary.

Beef a la Mode—Among the good, plain and wholesome dishes with which we may stay our souls an occasional dish of beef a la mode is not to be despised. To make it, procure a nice thick piece of beef from the rump, weighing about five pounds. Chop fine a stalk of parsley and one onion, and add a tablespoonful of salt and a teaspoonful of pepper. Cut three ounces larding pork and four ounces raw ham into finger-thick strips, and with a sharp pointed knife make incisions in the meat an inch apart. Roll the pork and ham in the seasoning, then insert the strips alternately into the incisions. Make the meat round and fasten securely with string. Put into the bottom of an iron saucepan three thin slices of larding pork and a quarter pound of raw ham, then three onions (sliced), two carrots and a small bouquet of soup herbs. Place the meat on top of this, then add sufficient stock or broth to reach half way up the meat. Cover with buttered paper, put on the lid and simmer gently three and a half or four hours. When tender remove the strings, trim neatly and lay on a hot dish. Skim the liquor in the kettle and free from fat, using a piece of brown paper to absorb all that cannot be poured off. Put into a saucepan a tablespoonful each of butter and flour, and when frothy add two cups of the strained broth and cook until thickened slightly and smooth. Pour a little of this sauce over the meat, which should be arranged on a hot platter, and garnish with boiled potatoes put through a ricer into little mounds, carrot balls and small white glazed onions. Serve the remainder of the sauce in the sauceboat.

Dried Beef—Cut a round of beef into four pieces—after it has thoroughly cooled after killing—and rub each piece all over lightly with salt and let it remain a day. Make a brine of one gallon water, half pound of brown sugar, a teaspoonful of powdered salt-peter, and salt enough to float an egg. Put meat in this brine and turn it every other day for eight days. Then hang the meat in a cool, dry place. Can be used when dry enough to eat. Smoking will spoil flavor.

Country Sausage—Six pounds of lean pork, three pounds of chine fat, three tablespoonfuls salt, two tablespoonfuls of black pepper, four of pounded and sifted sage, and two of summer savory. Chop lean and fat pork fine, mix seasoning in with your hands. By tasting you may decide to change the flavor by adding more of this or that. Pack in hog casings or else make casings out of stont muslin. Dip in melted lard and hang in a cool, dark, dry place. If preferred, the sausage can be packed in jars and melted lard poured over the top.

## AMONG OURSELVES.

At last a man has arisen to give us his experience regarding the marriage of men and women differing widely in age. Farmer Bill would seem qualified to speak on matrimony, for he has married three times; twice, women very much younger than he, as you will hear:

My wife and I have been reading in Among Ourselves the subject, "Disparity of Age," from June Bug's letter down to the present time. You say the discussion is closed unless some belated man rises to tell how he has gotten along with a partner a good many years his junior. My experience might go a long way to solve the question about difference in ages. Now,


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**Genuine 17 Jewel**

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I like Sunny Jim's Wife's letter and what she says in regard to the only reasons for marriage. There is only one—love. A motive which when sanctified by a desire and a resolution to improve and elevate each other and to live true and holy lives before God, cannot fail to bring down the blessings of Heaven. I have been married three times, and I find where this motive is acted upon, there you will find a happy home. I was married when I was twenty-nine years old, the age Sunny Jim's wife says a man or boy begins to know something. My partner was a society belle twenty-three years of age. We started to live the simple life on the farm. She was happy in her husband's love and the home she was helping him to make. Society had no charms compared to her home. The blessings of Heaven seemed to be showered upon us, for we soon had the old farm paid for and a beautiful home started on the banks of a lake that bounded the place, but sickness and death came before it was finished. A few moments before the end came she asked me to hold her in my arms. I picked her up as a child and as she pillowed her head on my breast her last words were a blessing for my kindness. This was the end of sixteen years of happiness. We had no children and for a long while I was all broke up. I could not go back and look over the old farm house her hands had made beautiful while living. The house at the lake was rented as a summer resort and I went there to board for two seasons. There was an assistant cook, a girl I took to be nineteen years of age, who would bring a lunch out into the hay field and at the table she would see that I always had the best. She knew the way to a man's heart was through his stomach. When the lease of rent was thrown up we were married and went to keeping house. After we were married she told me she was only seventeen years old, just out of school. Now, June Bug, I want to call your attention to this fact, that difference don't cut any figure if a married woman wants her sparking days and can find more pleasure in other company than her husband's. Circumstances alter cases, as Mrs. Violet says. There was a difference of twenty-nine years in this marriage. We had two children and were happy until she went out into society. Then trouble and divorce. I made a third venture on the sea of matrimony. This time there is a difference of thirty-three years in our ages, but my wife never thinks of this. She is happy in the thought that I love her and the little baby girl she bore me. Her love for me is not only told to me, but shown by actions, which speak louder than words. As I return from my work how pleasant to look up to the window and see two faces anxious for papa's return. I always kiss my wife and baby every time I go out to my work. We are living the simple life, which is the happiest, out on the farm, happy in each other's love, happy in the home and little Rosebud who makes that home more beautiful. We agree with President Roosevelt that just as the highest work for the normal man is work for his wife and children, so the highest work of the normal woman is the work of the home. This advice means living near to God's laws. My advice to all young ladies who contemplate marriage is to consider not the difference in age or

the beautiful home a man may give you, but his character, which should rule supreme. Go to him in truth and righteousness. Gentleness and love will win his confidence and love and as you value your future happiness don't betray it. Morality and character must be with you and back of your married life. Character includes truth, righteousness, gentleness and love. Your marriage will not be a failure if these rules are lived up to, for it is these characteristics that go to make up the perfect life.

Farmer Bill sent a photograph of himself and wife and baby; it is a pleasant looking group and his letter would indicate that he is a kind-hearted, considerate husband, but would a jury consider his story evidence for or against the case, I wonder? If we could hear from Wife Number 2 it would be interesting, and if we could hear from Wife Number 3, say in five years, that would also be interesting. As a man grows older if he improves himself he should become increasingly attractive and he should have no trouble in winning a woman younger than himself; the trouble is apt to be the holding of her. It is unnatural for a young girl to be content to "settle down" to the steady diet of home-keeping which a man up in years usually desires; occasionally such an experiment may turn out well, but it only goes to show that exceptions prove the rule.

Mrs. Maggie V. Camden has something to say which fits in here:

Among Ourselves is a good place to have scraps, but we are so far apart I guess there is no danger, so will add my scrap, which will be a combination of scraps. In the first place don't tell the girls to marry for love and nothing else. In some it works all right, but more often it don't. When young, love is all we think about, and we overlook all bad habits before marriage, but after marriage things take a different course. Those bad habits don't stop after you are married. Then the trouble begins. That love sours somewhat when we see the man we married for love and love only come home in such a shape that we must turn our heads in disgust. Drink is a good love killer. If I had a daughter I would say marry for money, then you will have something to fall back on, but get a good man. And girls, don't marry an old man thinking it will be your last chance. Wait a while and see. Better never marry than to have a family of little ones and an old man to care for. Married life is long, but single life is short, so don't be in a hurry.

Although women have said somewhat upon this subject I shall give Mrs. Jones the privilege of a word or two:

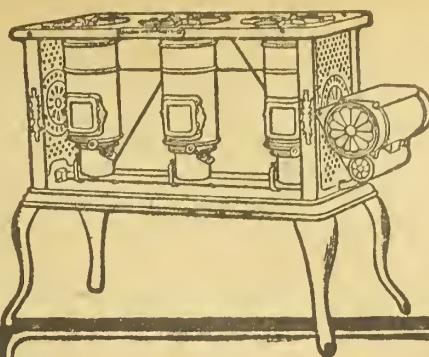
If all a woman cares for is to slave for her husband and cast duty to the children aside, let her marry the man as old as she likes. If she wants a true sympathizer and companion in the full sense of the word and someone to be her escort to church; lectures or fairs, then take someone nearly her own age, two or four years older at most. If you want any happiness don't marry a man unless he truly loves you, no matter if you worship him. A cold look and cross words when your heart aches for a carefree time after time will soon lessen your worship. So consider all things before marriage and after make the best of things and ask God to help you bear your trials. Be as pleasant and kind as possible doing your duty, whether he does or not.

This discussion serves to bring out the fact that marriage is a very serious contract. This is well. And as thoughts of love come with spring-time it is to be hoped that some of our readers have been helpfully served by what has been said. By the way, won't some one who has given a pretty home wedding write about it for the benefit of the circle within the next few weeks?

Mr. G. Lawrence has something for us which will entertain the men especially:

The clipping in issue of February 28th in which we, the husbands on the farm, stand charged with such extreme neglect of personal cleanliness, of table manners, of consideration for the wife and children and the many other minor faults mentioned therein, is too utterly absurd and one-sided to deserve notice. But since the charge is made against only farmers as a class, I wish to enter on behalf of the farmers' wives' husbands a plea of "not guilty," and the burden of proof rests upon the author of the article. There are rare exceptions where a farmer may be found to fit the case, but the same is true of men in other walks of life, and sad, but true, it may be said of some women that the shoe would fit. The man or woman who ever possessed that quality called pride never quite loses it after marriage. One may easily mistake foppishness in a young man for pride, and pride in the young lady is too often nothing but a love of dress, with an indulgent father perhaps to foot the bills. In one, as well as the other, the wearing qualities of the pride are about like those of fire gilt jewelry—the pride (?) soon goes. Men cannot all be merchants, or doctors, or teachers, or lawyers. Some must till the soil and do many other kinds of labor in which good clothes would last about as long as a snow ball in a furnace, and the woman who loves a man for his many manly virtues and not for his clothes or his money, will see in the horny-handed son of toil, in spite of common clothes and sun-browned face, "a man for a' that."

That is a very apt figure Mr. G. Lawrence uses to illustrate the futility of wearing good clothes while doing certain kinds of work; all that he says is marked by good sense, but is he not



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begging the question just a little? Some farmers are as careful about cleanliness and a good appearance when work is done as any men anywhere, but are farmers as a class as particular as they might be? While at work men should wear suitable clothing and due allowance should be made for rest time when it is a luxury to lie around in dishabille, but is there any excuse for a man tumbling into bed without bathing and refusing to remove the underwear worn while working? And why should a farmer go to town, as some do, looking like an old tramp? I myself have seen, on the same wagon, a neatly dressed woman and a man beside whom no self-respecting woman could sit with pleasure. It was against this sort of thing I fancy that our correspondent of a few weeks ago entered a protest. It might be illuminating if some of the men who indulge in the habits referred to would let us hear from them. I wish they would.

Mrs. S. E. O. comes with a good word for us:

Last summer at Chautauqua, a lecture given by Dr. Matt Hughes, of Kansas City, contained the following. In speaking of the newspaper and the thing that takes, he said, "Goodness is not news." One may have the qualities of a saint and he ever so virtuous; that is not news. But let one step aside from the path of right, do something really shocking—that is what the papers have for news. The thought is on the same line as that expressed by one Among Ourselves not long ago in regard to scandal. The majority of readers must prefer that sort of fare dished up or there would be a different kind served. I believe we can remedy this if we each one resolve that we will neither give ear nor eye to that which is not up to the mark. There is one more thought presented by Mrs. Custer County. How shall we keep our boys from the Sunday hall game? She

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would like an answer from the fathers, but I am the mother of quite a family and know whereof I speak. My friend, if you and Mr. Custer County are compelled to stay at home on the Sabbath and rest, and your boys consider themselves too old now to attend Sunday school, I am afraid there is no remedy to keep them from the Sunday hall game or any other place they wish to go.

It is good to hear from both the fathers and the mothers on matters that pertain to the children. Let us listen to a word from Mr. C. E. K., who has decided views on the subject of Sunday base-ball:

What shall our boys do on Sunday? This



question appeals to me as a father. I want my boy to grow up to be an honest, God-fearing man, one who observes the Sabbath in its best sense and has reverence for God's word. But can I expect it if I am too tired or too careless when Sunday comes to attend the church services myself? "Like father, like son." I believe in heredity in religion, as well as in other lines, and we that have descended from the old Puritan stock have inherited a reverence for the Sabbath that is above Sunday picnics, ball-games, etc. I try to be a companion to my boy and try to impress on him the fact that the best people do not desecrate the Sabbath. "Cleanliness is next to Godliness," and when Sunday comes I believe a man should observe it first by being clean, well shaven and well dressed, and then attend church services, both preaching and Sunday school. During the afternoon either good, wholesome reading or a walk through the fields with the children is helpful and restful.

As a rule fathers would like their lads to grow up "honest, God-fearing men." They know that such children will never bring shame upon their parents and are likely to make a success of life, but sometimes the father counts it too much trouble to lead the way. Such men need the lesson taught a man who had only one son, a lovable little lad whom he secretly adored. One day this man took his son to a restaurant, and to please the lad allowed him to order his own dinner. The boy picked and chose without any trouble until it came to something to drink; the wine list confused him then and turning to the waiter he said: "I'll take whatever my father takes to drink." The boy's words pierced the father's heart like a dart; he promptly countermanded his order for wine and from that time became a total abstainer.

Mrs. Viola has a story for us which those who think of adopting a child will read with special interest:

As no one has made a reply to "A Foster Mother" who wrote for our department some time ago, I feel that I must give my own experience, and perhaps save someone else from making the same mistake we did. We adopted a boy when he was a tiny baby. We thought it would be better not to tell him that he was not our own child until he was old enough to understand. We went far from our old home, among strangers, and thought our secret was safe. But not so. A friend came to visit us and told our boy

we were not his parents. He was just at the age when it is hardest to control a boy. I could not if I would, and I would not if I could, tell of the heartaches that followed. I would only say if you adopt a child don't keep the fact from them, for someone will tell them. It might be all right with some natures, but with others they would rebel just as our boy did. God only knows how we had loved, prayed and worked for him.

One wonders if the heart of Mrs. Viola and her husband is more sad than that of fathers and mothers who have been disappointed by children of their bodies. One wonders, too, if it be not always better to frankly tell an adopted child the truth rather than rear it in a belief which may be rudely shattered at any time. Opinions upon this subject would doubtless interest many Among Our-elves.

With a word about canned meat for summer use from "A Busy One" we shall adjourn:

I wonder how many of the sisters can meat for summer use. It is such a blessing to be able to run down cellar and get a can of meat. One can just put it in the reservoir a few minutes and it will come out of the can easily. We cut meat as for steak, lay it in layers and season with pepper and salt just as if you were going to cook it and then cut in pieces just small enough to put in your Mason jars; seal and boil in the boiler. Any nice meat is all right for canning and one can use the bones for soups during cold weather. If company drops in unexpectedly or you are extra busy it saves worry and fuss.

#### Dressmaking and Millinery, No. 563.

Sylvia Silverthorne, Muscatine, Iowa.

[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of the paper nor to the editor of the Home Department.]

Some of the noticeable trimming features of the season's separate skirts are so ample and yet so effective and easily copied that it is worth while mentioning them. As you have noted in many of the skirt designs there is a panel effect between the smaller pleats. Bias pieces of the material or of silk two or more inches in width, or I may say in graduated widths where two or more are used, are cut in lengths that reach nearly across the width of the pleat or panel, these being stitched to the skirt at the top edge only. The ends and lower edge are hemmed or simply turned over and stitched, or all the

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[5600 Fancy Blouse, 32 to 40 Bust.]

edges are piped. One or several bias bands are frequently put quite around the skirt some inches from the bottom, these being attached only at the top edge. This mode of trimming, in bands of silk, is one of the best on the chiffon panamas and the volles that are usually made up over linings of silk. And speaking of linings leads to the suggestion that oftentimes these sheer fabrics in black or in colors are lined with plaid or striped silk or one of its good imitations. If the dress material is in a color the dominant tone in the plaid or striped lining should harmonize with it. Then, too, it is safe to select the silk that is to be used for trimming in the self tone, lest in combining there might be a lack of harmony.

No. 5600 is an extremely attractive design in a fancy blouse, and a careful study of the illustration will show you its possibilities whether an elaborate or a simple development is desired. In the design or pattern there are graduated pleats that extend from shoulder to waist line at front and back. These may be left plain. As pictured, embroidery done on the material trims the pleats, as it does also those on the sleeves. Embroidery also edges the V-shaped opening at front and back. Frills of the material edge all these pleats, but only part of their length, this mode of "frilling" being an especial feature of the season's decoration. I have taken up this subject at some length in a former paper, so I need only repeat here that the frills may be of the material, of lace or of embroidery. Silk is frequently used for these on a waist or other material. Notice that the ends of these frillings are graduated to a point where they are joined to the pleats. The chemise of lace or net should have a lining of chiffon or very

thin silk. The pattern provides for a lining. This may be used or omitted, much in this matter depending on the material of the garment. Pattern No. 5600 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering.

The sailor blouse costume seems never to lose favor, as it is as high in favor this season as ever, and few girls will complete their spring wardrobe without a suit made on its pleasing lines. The design No. 5597 is simple and yet with possibilities of elaboration, either in the materials or the manner of its makeup. In wool with a contrasting collar of silk, all-over embroidery



[5597 Girl's Blouse Costume, 6 to 12 Years.]

or lace, or having the collar elaborately braided it becomes a very dressy affair, while for general wear the gingham and similar materials develop pleasingly. The skirt is joined to a plain waist that serves as a lining. On this the shield is faced. The waist closes at the front and is adjusted at the bottom by means of elastic cord. Pattern No. 5597 is cut in sizes for girls of 6, 8, 10 and 12 years of



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## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson I. Genesis XXVIII, 1-5, 10-22 April 7, 1907.

#### Jacob's Vision and God's Promise.

Esau's prowess could easily undo Jacob's plotting. Mother and son seem not to have duly appreciated the risk of exciting the rage of the hunter used to striking deadly blows. The Edomite, like another elder brother, and with more cause than he, was at once inflamed with murderous enmity. The mother's wit was not long in scenting the danger, and she bade her favorite fly. . . . Jacob was heir apparent to the chieftainship of a tribe growing with phenomenal rapidity; the successor of a vast Oriental estate; but he must needs take his departure in the most ignominious plight; no caravan or escort; not so much as a single servant; nothing but

the stick in his hand. Out he goes, a shelterless fugitive, a tramp, with four hundred and fifty miles and forty years of exile ahead of him. The odds seem against him; for he has been enervated by tent-life, while his pursuer is used to chasing game. One cannot but contrast the grandson's sorry exit with the grandfather's happy and stately entrance to that land. . . . The man who was so used to the sweets of domesticity was getting further and further from home, his sorrows increasing all the way. He must needs keep far from the dwellings of men. He starts at every sight and sound. Bitter are his tears, fervent are his prayers. But the Lord delays his coming, as He did to His disciples, storm-tossed on Gennesaret. For two nights, probably, the fugitive must lie down in the gloaming uncomfortable. . . . On the evening of the third day (probably) Jacob lighted on (literally) the place—likely one of his grandfather's camping places. The very sight of the altar may have strengthened his faith. Doubtless he began there the wrestling which made him Israel forty years later at the Jabbok. The kingdom of heaven suffered violence that night as Jacob laid his head on a stone from Abraham's altar. . . . The last object left on the dimming vision of the patriarch may have been the jagged staircase, the receding rock ledges opposite, and faintly revealed in the starlight. In his dream the steps rise to heaven, are illuminated by an unearthly radiance, and peopled by angel forms. But all this is but by way of approach to the ineffable person of Jehovah, who stands above it. . . . The mere vision would have been indescribably comforting, but the spoken word is added. The fugitive is assured that the very ground on which he lies he shall possess; and that his progeny shall be so numerous that they cannot be confined in narrow limits, but shall break out toward the four points of the compass. Jehovah's protective company is assured. . . . Jacob, on waking, cries: "Jehovah was here, though I had forfeited all claim upon Him, and had no right to expect His coming." A holy awe fills the dreamer's soul. He cries again: "Why, this lonely place proved the very portal to Jehovah's palace!" . . . He converts his pillow into a pillar, and makes an oblation upon it from his scanty cruse. He names the place "House of God." He enters into a sacred treaty of reciprocity. "Since God has made his assuring promises, I will make mine. This spot shall be a permanent place of worship, and I will tithe my income."

#### Analysis and Key.

1. Possibility and danger of Esau's rage overlooked. Mother advises flight.
2. Jacob's exit in contrast to Abraham's entrance.
3. Jacob's fear and loneliness.
4. Camps on the third night at "The Place." Site of Abraham's altar (probably). Religious impressions of place. Faith and prayer.
5. Last object on Jacob's closing eye. Jagged staircase of receding rocky ledges. The ladder of the dream.
6. Jehovah: protective company assured by dream.
7. Jacob's gratitude. Sign of pillar and oblation. Promise of dedication of site and tithing of income.

#### The Teacher's Lantern.

The story of Jacob puts no premium on craft in the management of one's affairs. "The Lord used Jacob for holy purposes"—yes; but in spite of his despicable conduct, not because of it. The seal of Divine disapproval is clearly affixed. Those who think chicane—a little of it, at least—indispensable to success, find no comfort or justification in this instance.

Jacob was terribly punished. He was separated forever from his doting mother; was exiled forty years; got paid back in his own coin, with compounded interest. As he practiced a fraud to get a blessing, so Laban practiced one on him to withhold the woman he loved. Great are the advantages of solitude.

## Examine Fence Carefully

before you buy it and see whether the stays are made of *whole wire* or short pieces. It makes a big difference in the strength of the fence and as the *whole wire* fence costs you no more, and is fully twice as strong, why buy the other? Our stay wire is continuous—one piece running continuously up and down across the fence without an end for many rods. Thus we preserve and utilize *all* the strength and service there is in the wire, fully half of which is wasted in cut stay fences—sacrificed to convenience and speed in manufacture. Our method of weaving is a little slower and costs us a trifle more, but it's worth while—it's the only correct way of weaving a fence.

**30 days approval.** But why argue and hesitate? Let us ship you what fence, etc. you need on 30 days approval. We want you to examine and test it. We want to show you the difference between ours—the best made fence on earth, and the other fences that are being offered to you. During the 30 days you can test it thoroughly. You can put up a part of it or all of it and turn your stock against it. Give it any kind of a test you wish. After examining it and comparing its construction with others we will gladly let you be the judge. If you don't like it, send the whole business back and it won't cost you a cent as we will pay freight both ways and refund every cent you paid. 17 years experience with this kind of fence gives us the confidence to make this offer.

We prepay freight to any steam railroad station in the United States on 40 rods or more and guarantee the safe delivery of your shipment. Our free Fence Book tells all about Advance Fence. Let us send it to you with freight paid prices on our line.

**Advance  
Fence Co.,**  
34 Old St., Peoria, Ill.



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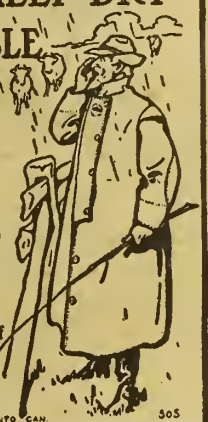


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All No. 9 Steel Wire. Well galvanized. Weighs 1/2 more than most fences. 15 to 25¢ per rod delivered. We send free sample for inspection and test. Write for fence book of 133 styles. The Brown Fence & Wire Co., Cleveland, Ohio.

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Many styles and heights; Diamond or Square Mesh; prices low. Sold direct from factory. 30 days free trial, freight prepaid. Catalogue free. **KITSELMAN BROS.** Box 290, Muncie, Ind.

### Cheap as Wood.



We manufacture **Lawn and Farm FENCE**. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is free. Write for it to-day. **UP-TO-DATE MFG. CO.,** 927 10th St., Terre Haute, Ind.

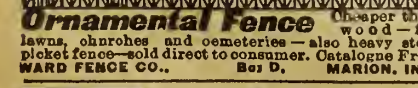
### Anchor Fence

Combines strength and beauty with long life. Large, hard steel wires. Heavily galvanized.

**FARM AND ORNAMENTAL**  
Handsome, easy to build, always stands erect. Ask for Fence Book 12. **ANCHOR FENCE & MFG. CO.,** Cleveland, Ohio.

### Ornamental Fence

Cheaper than wood—for lawns, shrubbery and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue free. **WARD FENCE CO.,** Box 5, MARION, IND.



### FENCE Strongest Made

Made of High Carbon coiled wire. We have no agents. Sell direct to user at factory prices on 30 days free trial. We pay all freight. Catalogue shows 37 styles and heights of farm and poultry fence. It's free. Buy direct. Write today. **COILED SPRING FENCE CO.,** Box 20, WINCHESTER, INDIANA.

### DON'T RUST FENCE

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### THE "DENNING" FENCING IS FAMOUS

For its "Peerless Tie" close mesh, strength and durability. Our motto is "not how cheap but how good." Yet our prices are as low as any compared with weight. We use the best **galvanized steel wire**. Our hog fence is superior. Our poultry fence beats the world. Our lawn fence is ornamental. Our **slat corn cribs** and **steel grain bins** are popular. Ask your dealer, or write us for catalogue.

THE DENNING WIRE & FENCE CO. : : Cedar Rapids, Iowa

The way of the transgressor is hard. If Jacob had pushed on into the town of Luz, chances are he never would have seen the ladder. Our age needs more chance to meditate. The pendulum has swung to the opposite of mediaeval anchoritism. Quaintly and well does George Herbert say: "Choose sometime to be alone—Salute thyself!"

The stoniness of Jacob's pillow had better not be unduly emphasized. It was not an unusual hardship then, nor to this day, in the East. William Taylor, missionary bishop to Africa, carried a stone in his satchel. It had a notch in it as if artificially made just to conform to a human head. The bishop was wont to supplant feather pillows with his stone, and affirmed that it drew the heat from the head and superinduced to sleep.

Be careful not to make the ladder of the vision serve too many purposes. Jesus in His conversation with Nathanael makes it the symbol of His Mediatorial work, which spans the chasm between God and man, and makes intercommunication possible. That is enough. (John 1, 51.)

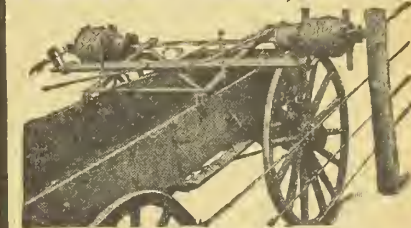
The pillar reared and anointed may stand for the use of form in religion. Constituted as we are, the employment of religious ceremony is indispensable. Someone says the forms of religion are like a ladder. The vitally religious man uses the ladder to reach a greater altitude. The formalist just keeps running up and down it to exhibit his agility.

Alms and prayers are inseparable. Jacob evinced his sincerity by pouring one-tenth of the oil in his cruse upon the memorial he had set up. This required faith; for the oil seemed indispensable for the comfort of his long journey. The Divine claim is small. God takes the earnings of one finger, and lets us keep that of the other nine.

Once in childhood, far from home, I was taken by a person I did not know to a strange house. The loneliness was almost insufferable; but just as we entered the hallway I glanced up the staircase, and there on the landing stood my father, smiling at me. The whole situation was changed in an instant. That is but a faint suggestion of how the sight of the Heavenly Father, standing at the head of the staircase of the dream, must have banished Jacob's loneliness and reassured him.

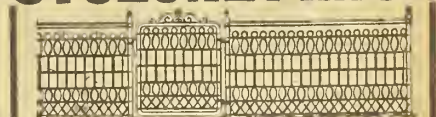
Events and persons cluster about Bethel like filings about a magnet. Here Abraham had a tent and God had an altar. (Gen. xii, 8.) Here Abraham

### Farmers and Stockmen, Attention!



No danger handling barb wire if you use the **Stark Combined Wire Reel and Stretcher** (patented). It is just the thing for building new barb wire fences and for rolling up barb wire if you wish to remove any old fences. This machine is placed on a wagon box and fastened thereto with clamps by two bolts, without any injury to the box, and one man in the seat driving the team can roll up more barb wire without scratching his hands or tearing his clothes than twenty men could do by hand, and it is rolled up on spools in just as good shape as new wire coming from the factory, and can be used again for building new fences. For building new fences two spools can be placed on the machine and be unrolled at the same time as fast as the team can walk, and the wire is stretched by the same machine. For further information write to **C. W. STARK, - MOUNTAIN LAKE, MINN.**

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**Special Prices to Churches, Schools and Cemeteries**

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### BEST MADE

**MUSGRAVE**  
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**STRONG AND HEAVY**  
23 wires and 6 in. stay  
**LAWN FENCES & GATES**

Automatic Farm Gates  
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### A SPEEDY WIRE STRETCHER

The Automatic Steel Lever Stretcher draws 40 rods of wire tight in one pull, and always past end post. A daisy applicator and staple puller. Prepaid \$1.25. Illustration free. Agents wanted.  
**OTTO SCHWIEN, Box 204, Davenport, Iowa.**

showed his generous spirit in allowing Lot first choice in the partition of the



land, and let his uncanny greed in taking the best portion (xiii). Here Jacob dreamed (xxviii, 19) and made oblation (xxxv, 14, 15). It was the depository of the ark, and there was an altar there to which the people generally resorted. (Judges xx, 19.) It was one of the holy cities to which Samuel resorted as circuit judge. (1 Sam. vii, 16.) Elijah (2 Kings ii, 23), Elisha (2 Kings ii, 23-25), Jehu (2 Kings x, 29), are associated with it. Among the prophets, Amos (v, 14-22) and Hosea (xii, 4, 5) refer to it.

A foul blot is on the fair record of this ancient place. Almost continuously with the pure worship of Jehovah at this place runs the worship of local divinities, until Jeroboam makes calf-worship the state religion of the Northern Kingdom. (1 Kings xii, 28.)

Strange that a place so conspicuous in the Old Testament is not so much as mentioned in the New. Yet Jesus and the apostles must have been often in this locality.

Probable that the name Bethel was in use with a religious significance before Jacob applied it to this site. It certainly continues in use with the same significance; as, for example, the chief sanctuary of the Mohammedan world, the Beithallah of Mecca.

Jewish tradition says that the stone Jacob set up at Bethel was removed to the second temple and used as the pedestal of the Ark of the Covenant. It is supposed to have survived the destruction of the Romans.

The ruins of Bethel cover four acres, and consist of very many foundations and half-standing walls. Eastward is a hill covered by the most perfect heap of ruins to be seen even in this country of ruins. This is oft-mentioned Ai.

#### The Lakewood Farm Sale.

On Wednesday, March 20th. Mr. H. G. McMillan, of Rock Rapids, Iowa, held his ninth public sale of registered Percheron stallions and mares under very favorable circumstances and again demonstrated the possibilities of making a good sale conducted on strictly honorable lines. The square deal has been the watch-word at all preceding Lakewood sales until now the public is fully convinced that when an announcement from Lakewood occurs they have the assurance that everything offered will be sold and that every imperfection possessed by any of the animals offered will be carefully pointed out. March 20th was an ideal day for such an occasion, and the tremendous crowd that greeted Mr. McMillan and faced the auctioneers must certainly have been gratifying to him. A variety of states were represented, as will be seen

in the sub-joined list of buyers. In the forenoon the stallions were sold, twenty-two of them bringing the snug sum of \$15,280. No high prices were realized on any of them, and as is usually the case, the Calypso stallions were in the best demand. In the afternoon forty-one mares were disposed of for the sum of \$19,440. These mares were scattered almost to the four quarters of the earth. Mr. A. C. Huidekoper, of Meadville, Pa., was again a purchaser of some of the choicest mares in the offering. The other buyers were from surrounding states nearer home. The auctioneers—Cols. F. M. Woods, Pat McGuire, Dan Sayre and M. D. Shutt—all did most excellent work in securing the rapid bids from the eager buyers who were anxious to get hold of one or more of the choice things from Lakewood. The Calypso mares and fillies, like the stallions, were in best demand and outbid those of any other line of breeding. After Colonel Woods' very able speech, Mr. McMillan was called to the stand and asked to make some remarks relative to the sale about to be opened. Mr. McMillan publicly declared that this sale, like all its predecessors, would be conducted on honest and honorable lines, with no by-bidding and with nothing covered up in any way, shape or form. He stated that whenever an animal was brought into the ring and nothing said relative to his soundness, that of itself carried with it a guarantee that the animal was right in every way. There were only four animals out of the sixty-three sold for which any apology was needed, and this explanation was made when each of these four animals was lead into the ring. The results of this sale prove another great victory for the home grown Percheron, and also is another epoch in the successful history of the great breeding establishment at Lakewood. It was said at Mr. McMillan's December sale that he could never again put forth such an offering of high-class stallions and mares, yet at this March sale it was possible for Mr. McMillan to excel that offering at least in some respects, and when the sale was over there was still an active demand for good stallions and mares. The Homestead congratulates the proprietor of Lakewood and trusts that the missionary work that has been done by this establishment will continue to materialize substantial gain for the worthy proprietor, Mr. H. G. McMillan. The sub-joined list of every animal sold, and with the postoffice address of each buyer, will be an interesting study for those who were not able to be present:

#### STALLIONS.

Roland, nine years, Negro, M. O. Standard, Canastota, S. D.	\$ 870
Flasco, eight years, Romeo, Geo. H. Johnston, Viborg, S. D.	740
Lochinval, two years, Calypso, Fred Smickleberg, Wakefield, Neb.	1,110
Corallien, three years, Calypso, F. A. Stuker, Dunbar, Neb.	1,350
Docile, three years, Sampson, G. E. Moore, Estherville, Iowa	860
Toreador, three years, Calypso, A. W. Moir, Orange City, Iowa	1,010
Juneau, ten years, Clampan, D. J. Eggers, Denison, Iowa	560
Gipsy Boy, three years, Morse, J. K. Dennison, Vermillion, S. D.	760
Le Clair, seven years, Brilliant, E. H. Tolls, Laurels, Neb.	475
Brevet, four years, Godolphin, D. Moran, Lake Audes, S. D.	720
Rodrigo, five years, Calypso, Ira Kelsey, Cornburg, Iowa	810
Mustaches, three years, Hercules, H. F. Dayton, Quincy, Ill.	430
Exposition, three years, Troupier, Lee Baker, Lynch, Neb.	825
Clarence, three years, Coriolan, E. R. Kellner, Kingsley, Iowa	550
Ezano, two years, Calypso, Chas. Bakelander, Minnesota Lake, Minn.	1,030
Castelet, two years, Calypso, Chas. Hudsonow, St. Ansgar, Iowa	490
Hawkeye, two years, Calypso, A. Mitchell, Jasper, S. D.	490
Jean, two years, Coriolan, A. J. Vaughn, Loomis, Neb.	600
Mohawk, two years, Calypso, W. H. Wehb, Spencer, Iowa	465
Consul, two years, Coriolan, M. D. Shutt, Rock Rapids, Iowa	350
Theodore, two years, Coriolan, J. C. Van Hoy, Holstein, Iowa	305
Gendarme, three years, Fearnought, W. W. Vaughn, Marion, Iowa	480

#### MARES.

Adelaide, five years, Calypso, A. C. Huidekoper, Meadville, Pa.	700
Faucy, five years, Illustre, same.	500
Romagna, eight years, Nubian, H. Kheliu, Shelby, Neb.	500
Lillie, eight years, Illustre, E. Hooper, Minnesota Lake, Minn.	670
Florentina, six years, Seducteur, J. M. Clark, Lincoln, Neb.	575
Fidelia, six years, Seducteur, Pat McGuire, Holstein, Iowa	610
Camille, three years, Calypso, A. C. Huidekoper	900
Rehnda, four years, Brilliant, G. Haggerty, Haggerty, Iowa	575
Topsy, five years, Pommier, H. Kheliu	525
Lavina, six years, Seducteur, A. J. Stonberger, Savage, Neb.	420
Zama, three years, Theodore, Dr. C. O. Seaman, Coon Rapids, Iowa	380
Gracie, four years, Calypso, H. F. Dayton, Quincy, Ill.	395
Helena, three years, Calypso, G. W. Patterson, Worthington, Minn.	410
Fantline, four years, Sophomore, H. F. Dayton	385
Junette, four years, Calypso, W. M. Moile, West Port, S. D.	455
Geannette, six years, Normand, Fred Brown, Gotham, Wis.	900
Diana, four years, La Thiel, A. C. Bailey, Southernland, Iowa	430
Cordova, three years, Calypso, Dr. C. O. Seaman	405
Clarissa, three years, Calypso, E. Hooper	465
Cathariuc, four years, Chaucellor, G. W. Patterson, Worthington, Minn.	370
Lucinda, four years, Narcisse, H. C. Hoover, Fulton, S. D.	610
Grey Lady, three years, Tempest, G. W. Patterson	370
Anita, three years, Chancellor, W. H. Webb	405
Marguerite, three years, Coriolan, W. W. Vaughn	410

## Going to Build?



If you are planning to build have a care in the selection of materials. Don't let price get the better of quality.

## LINOFELT

will cost you a little more than building paper but it will keep your house warm and comfortable and save about a third on your fuel bills. It's a great deal cheaper to build a warm house once than heat a cold one all the time.

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**The Purest Coal-Tar Dip**

The successful shepherd watches his sheep as a cat watches a mouse. He dips in Zenoleum to keep the sheep free from ticks and lice. He dips to cure scab, if by accident scab infests his flock. He disinfects the pens to keep them clean and the sheep healthy, because healthy sheep grow into good fleeces and more mutton. This makes a flock profitable. **ZENOLEUM is recommended as a remedy for stomach worms.**

**The Principal Sheep Breeders in America**

## USE ZENOLEUM

They find it the best of all dips after many years' experience. *Forty-two Agricultural Colleges* say "Zenoleum is best." It is equally good for many ailments and diseases of cattle, horses, swine, and poultry, and has a hundred uses of interest to good housewives.

**No Strings to the ZENOLEUM Guarantee**

Here it is: If Zenoleum is not all we say it is, or even what you think it ought to be, you can have your money back. No talk, no letters—just money.

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131 Lafayette Avenue  
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**Free Booklet - Veterinary Adviser**

64-page book for Stockmen written by Agricultural College Authorities. *Positively free for the asking.* Send postal quick.

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**Prices At All Dealers**

Small size, 25 cts; Quart, 50 cts; Half gallon, 90 cts; One gallon, \$1.50; Five gallons, \$6.25—or we will deliver one gallon or more, charges paid, to your station. **Ask Your Dealer First.**

Perline, four years, Chancellor, John Brown, Memphis, Tenn.	425
Cremona, three years, Coriolan, G. Haggerty	465
Eleanor, three years, Tempest, John Brown	305
Cecelia, three years, Coriolan, Capt. Jones, Sioux Falls, S. D.	270
Rosalie, three years, Calypso, Dr. C. O. Seaman	435
Bosette, three years, Superieur, W. Barnett, Steward, Neb.	415
Elsie, three years, Coriolan, H. H. Hammond, Lynch, Neb.	350
Manda, eight years, Toneyau, Wm. Prim, Elk Point, S. D.	420
Lucinda, four years, Narcisse, H. C. Lowrey, Nevada, Iowa	385
Flora, two years, Calypso, G. W. Patterson	730
Sophrouia, two years, Calypso, C. R. Walworth, West Port, S. D.	375
Marian, two years, Calypso, G. W. Patterson	490
Fauette, two years, Calypso, same.	510
Minuet, two years, Calypso, C. R. Walworth	380
Black Bess, two years, Cleto, H. H. Hammond	315
Emeline, two years, Coriolan, G. W. Patterson	610
Mae, two years, Theodore, M. D. Shutt	290

#### SUMMARY.

22 stallions	\$15,280; average, \$694.55
41 females	19,440; average, 474.15
63 head	34,720; average, 551.00

#### The McLaughlin Sale.

The Short-horn sale of Mr. W. H. McLaughlin at his farm near Shelby, Iowa, on March 18th, was well attended and an average of about \$100 was made on everything. Mysie Glover, a Duchess of Glover bull, topped the sale at \$205, and the four-year-old Duchess of Glover cow, Duchess, topped the female offering. Quite a number in the sale were young helpers and young bulls. These were largely the get of his well-known Scotch bull, Baron Kead 3d. Col. Geo. P. Bellows cried the sale. Below is a list of those selling for \$90 and over:

#### COWS.

Duchess, four years, E. A. Cobb, Harlan, Iowa	\$195.00
Nerissa 18th of Maine Valley, seven years, W. H. Brown, Shelby, Iowa	120.00
Violet's Flower, nine years, C. W. Daws & Son, Harlan, Iowa	180.00
Violet Flower 3d, one year, L. C. Green, Avoca, Iowa	90.00
Catherine 4th, five years, Fred Bloomer, Minden, Iowa	92.50
Scottish Queen, three years, Thomas Guinan, Portsmouth, Iowa	120.00
Secret Maggie, six years, F. H. Copeland, Portsmouth, Iowa	125.00
Minerva 2d, eight years, B. F. Roland, Portsmouth, Iowa	100.00
Violet 2d, three years, L. C. Green	92.50
Angeline, two years, F. Linn, Shelby, Iowa	130.00

#### BULLS.

Mysie Glover, one year, L. Burnam, Harlan, Iowa	205.00
Steadfast, one year, Fred Bloomer	130.00
Nugget, one year, John Pomeroy, Shelby, Iowa	130.00
Glover Jr., one year, Peter Claussen, Tennant, Iowa	145.00
Scarlet Lad, one year, Henry Claussen, Shelby, Iowa	102.50
Prince Royal, one year, Henry Johnson, Persla, Iowa	100.00

#### White Bros.' Angus Sale.

The dispersion sale of Aberdeen Angus cattle made by Messrs. White Bros., at Perry, Iowa, on March 19th, brought out a splendid crowd of breeders, and everything was disposed of at good prices. The cattle were in nice breeding condition, but were not spe-

cially fitted for sale. Everything sold well, and especially the more desirable families. Blackbird Eclipse of Glen Lea, a five-year-old daughter of Leander of Dalmeny out of a daughter of Moon Eclipse, topped the sale at \$360, and was purchased by Mr. Chas. Escher, Sr., of Manning, Iowa. Her two-year-old daughter, Blackbird Eclipse of Dallas, went to Mr. L. L. Atwood, of Spencer, Iowa, at \$275. Messrs. Chas. Escher & Son were heavy buyers of the good things in the sale. Mr. W. C. Sanger, of North English, Iowa, secured Home Dale Queenan, a Queen Mother cow, at \$300, and her year-old daughter went to Messrs. Rosenfeld & Siverly, of Kelley, Iowa, at \$195. The latter firm also secured the ten months old Blackbird heifer, Blackbird Eclipse of Perry, at \$310. The herd bull, Prince of Pilsen, went to Mr. P. M. McNamara, of Des Moines, Iowa, at \$200 and was the bargain of the sale. The females averaged \$117 and the bulls \$88. The average on the entire sale was \$110. Col. Silas Igo cried the sale. Below is a list of those selling for \$100 and over:

#### COWS.

Blackbird Eclipse of Glen Lea, five years, Chas. Escher, Sr., Manning, Iowa	\$360.00
Imp. Eustace of the Dell, seven years, L. L. Atwood, Spencer, Iowa	205.00
Imp. Kate 2d of Tullnally, four years, Chas. Escher & Son	200.00
Home Dale Queenan, four years, W. E. Sanger, North English, Iowa	300.00
No. 62	195.00
Eleanor of Maple Grove, ten months, L. L. Atwood	150.00
Lavender 11th of Tullnally, seven years, Tom Scott, Perry, Iowa	130.00
Lavender of Escher Springs, four years, Wm. Spear, Neola, Iowa	100.00
Aquila, five years, Griffin & Son, Manson, Iowa	105.00
Alfalfa Georgiana, four years, C. Escher & Son	150.00
Lala 2d of Dallas, 2 years, Griffin & Son	125.00
Blackbird Eclipse of Dallas, two years, L. L. Atwood	275.00
Entoria of Dallas, two years, Chas. Escher & Son	300.00
Kale of Dallas, two years, Charles Escher & Son	305.00
Quila, two years, Griffin & Son	125.00
Blackbird Eclipse of Perry, ten months, Rosenfeld & Siverly, Kelley, Iowa	310.00
Kale of Perry, ten months, Chas. Escher & Son	195.00

#### BULLS.

Prince of Pilsen 59249, six years, P. M. McNamara, Des Moines, Ia.	200.00
Home Dale Quality, one year, C. C. Leeper, Colfax, Iowa	135.00
Kent of Dallas, one year, W. D. McCabe, Osage, Iowa	185.00
Eaton of Dallas, one year, August Voge, Portsmouth, Iowa	167.50
No. 62, Queen Mother heifer, Rosenfeld & Siverly	195.00

#### CANADIAN-AMERICAN LAND AND INVESTMENT COMPANY.

The above is a limited company dealing with choice Canadian lands, particularly in the province of Alberta. This is the first time this advertisement appears in our columns and we ask our readers to give it special attention, should this be in their line. During these days of land speculation it is very necessary that the buyer be fully informed as to the character and quality of the land he buys. The company above mentioned are prepared to put land seekers in close communication with those having land for sale. Full information and printed matter regarding these cheap and valuable Canadian lands may be obtained by writing the Canadian-American Land and Investment Company, Ltd., 14 Burns Block, Calgary, Alta.



**Buy Roofing Direct from the Mills**



**BEACON-ITE**  
LONG LIFE ROOFING  
We Pay the Freight

**Better Barn Roofing**

There is no building around your premises that requires a better roofing than your barn. On the quality of its roof depends the protection of your stock, grain, feed, machinery, etc., which is of vital interest to you. One leak during a heavy rain is liable to cause more damage than a new roof of BEACON-ITE would cost.

When you put a new roofing on your barn, why not use a material that will not leak? BEACON-ITE LONG LIFE ROOFING is made of materials that make it absolutely water-tight. Isn't this the kind of roofing you want for all of your buildings, one that you will not have to patch after every rain?

About the cost: BEACON-ITE is the only roofing you can buy direct from the mills; thereby saving the dealers' profit. We pay all the freight charges.

Write to-day for FREE samples of this water-proof roofing and our wholesale prices. Then judge for yourself.  
BEACON-ITE MILLS, Dept. 4, St. Louis.

**Traction Engines For Sale.**

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

**THE O. S. KELLY MFG. CO.,**  
IOWA CITY, IOWA.

**WATCHES, Watches My Specialty. That's Why**  
I want to prove to thousands of readers of this paper, that I can save you from 20 to 50 per cent on any make of a watch. I handle nothing but high-grade watches—Elgin, Waltham, etc. Drop me a line today and let me tell you why I can save you money, give you better service and satisfaction than elsewhere.

**\$3.95** For a genuine 18 size 7 jewel ELGIN or WALTHAM Watch complete in solid nickel screw back and bezel case. Now this is an extraordinary low price for a high-grade watch, one that you can't afford to miss even if you have a watch. Why buy a watch that you know nothing about and give more for it, when here I offer you standard makes, known the world over as the best, at prices never before heard of? Think of it, order today—send postoffice order. Watch will be finely regulated, carefully packed and sent you by express.  
Louis C. Rathbun, Maynard, Ia.

**FOR SALE.**

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

**W. R. HAINLINE,**


Blandinsville, Illinois



**SOLD ON 3 Months' Trial.**  
1907 model gasoline engines, all sizes. Highest class, simple engines made. Three months' trial will prove it. For general information and prices address,  
**Holland Engine Co., Dept. L, Cedar Rapids, Ia.**

**FOR SALE AT A BARGAIN**

SIX slightly used Cyclone well drilling machines, 5 five steam, one gasoline power. All in first class shape. Also 2 1/2 horse power gasoline engine. Address,  
**B. F. RICHARDSON,**  
DUBUQUE - IOWA.



**BEST REMEDY FOR SORE EYES**  
Cures inflamed, granulated lids, pink eye, ulcers, wild hairs, etc. For cataracts, floating spots, cataracts before the eyes, there is none better. See a bottle. Testimonials free. **Arzt's Optical Co., 145 8th Ave., Des Moines, Ia.**

**SEND 2 CENT STAMP FOR SHEET MUSIC**  
Louis Music Co., 124 Cass St., Dayton, Ohio.

**Send Postal Card** for free illustrated catalog, all the new necessities, jewelry, specialties, funny tricks, etc. Write today. Monarch Supply Co., Kansas City, Mo.

**ANCHOR FIRE INSURANCE CO.**  
BEST terms for farmers ever offered. Capital stock \$100,000.00. Address, J. S. Clark, president, Des Moines, Iowa.

**SELL** tobacco and cigars locally or traveling. Salary or commission. Full time or side line. Steady work, good pay; promotion. Address, Morotock Tobacco Works, Box P, 98, Danville, Va.

**LOVERS** Of needlework send for our catalog No. 96, for stamped hats, shirt waists; new things for summer wear. Household Supply Co., 1103 N. Grand, St. Louis, Mo.

**WANTED**—Men to do tile ditching. Must be able to furnish good reference and sober. Please state prices wanted on different depth ditch. C. H. Drake, Hazleton, Iowa.

**ECHOES FROM A KANSAS FARM.**

By Henry Hatch.

There is no standing still in any trade just now. This certainly is prosperity. In our nearest town (one of about 300 people) there are now nine business and dwelling houses under course of construction, with six more to be started soon. The towns and the country are building up together, so it seems.

Farmers, as a rule, do not take much pride in seeing a town build up, where buying and selling is done on the plan of giving the town fellow the best of the bargain. There are towns in the West that have been noted for high prices of goods sold and low prices of grains and stock bought. We do not care about seeing such towns improved in the way of new buildings.

We never have lived nearer than seven miles to a town, so the time we have spent in town has been limited. We usually aim to make the round trip in a half day, so must do what business there is to be done, and start home. We know of some men who spend so much time in town that they become forgetful; forget to go home before their wives have the chores done.

One of our neighbors bought a new disk harrow a few days ago, and went out to try it today. His field was still too muddy, but before he got out he went far enough to spring the frame to each section of disks. The machine is made altogether too light, but it was made to satisfy the demand for a cheap tool. This one probably cost from \$5 to \$6 less than the "standard" style of harrow. It always pays to add enough to the price to get the very best, no matter what kind of a machine you are buying. We haven't been able to find a single exception to this rule.

For the last half dozen mornings the boo-oo-oom of the prairie chickens has been heard. This early morning call of the wild rooster never fails to remind us of earlier days than these. When we first came to Nebraska, we would not only hear these calls all around us, but would often see the birds as they did their calling. Once father shot a prairie chicken, while standing in the kitchen door, and always one could get all such game he wanted by taking a short tramp. In a very few years from now the prairie chicken will be very nearly extinct. We are surprised that as many hang onto life here as do.

Why is it there is always a feeling of half sadness and half pleasure comes over a person when something recalls the earlier days of these prairies? It does not seem possible that even we have seen the upbuilding of this western empire. The time seems so short to when farm homes did not average ten to the township. In this short space of time what wonders have been wrought! There will never be such a rapid and wonderful transformation as this again. Twenty years ago we knew every family within twenty miles; now we hardly speak to the neighbor living on "the next eighty."

There will be a whole lot of corn listed again this season hereabouts. If March had been a favorable month for plowing, the acreage of listed corn would have been cut down surprisingly, for the majority of our farmers, down deep in their hearts, still believe that plowing and surface planting is the best. But, being short-handed, anyway, and with unfavorable weather for field work keeping us at the house and the teams in the barn, listing will be the usual recourse to get the crop in on short notice. Many, however, will use the disk harrow before the lister, helping to stir much more of the soil than the lister alone would. With a disk harrow, a riding lister and four good horses, one man can handle more ground in this way than by plowing and top-planting, as he is working with bigger tools all the time.

It has now been eleven years and one month since the writer landed on the present farm. It seems but eleven months, instead. We are wondering this evening if other localities have seen the changes in this length of time that this one has. We haven't been able to take the time to see; besides, traveling on railroads costs a farmer money. He cannot get free rides as politicians can.



**"All Solid Everywhere—Not Shoddy Anywhere."**  
The soles of KIRKENDALL SHOES are made from Oak-Tanned Leather. Only the very best oak-tanned and slaughter leather is used, and it is not tanned by the short, quick acid methods so commonly used by many tanners. Where but a short time is needed to tan leather by acids, it is a process of months to produce oak-tanned leather, and oak-tanned leather is the old-style, original hark-tanned leather. It is the best leather obtainable, and is vastly more durable than ordinary tannage.

**KIRKENDALL'S ELECTRIC WELT SHOES**

Are made for those who want foot comfort; for people tired of ordinary footwear; people who want their shoes to look well, wear well, and retain their shape. They are the most flexible, comfortable shoes on the market. Thoroughly reliable western-made shoes, will withstand all reasonable wear.

Your dealer undoubtedly has KIRKENDALL SHOES, in all leathers, lasts and sizes. Ask him. If he has not, he can get them for you. Send us his name and address.

**F. P. KIRKENDALL & CO.,**  
1101-1105 Harney Street  
OMAHA, NEBRASKA.  
"Western Made for Western Trade."



But a farmer cannot always leave his work, should he be provided with a "pass." Our past eleven years have been busy ones, but, as we look back over them this evening, there are no regrets. Every member of the family is still here and we are just starting in another season of work with times never more prosperous. Eleven years can bring a good deal of sorrow or a good deal of pleasure.

**Ridding Premises of Cholera**

To the Editor of The Homestead:  
I notice in a recent issue of your paper that one of your subscribers, Mr. A. H. Gerrard, asks for the experience of others on some phase of the hog question. For instance, he asks how long a person should wait after losing his hogs by cholera before making purchases of breeding stock. Now this will depend on circumstances. The hog house might be disinfected or a temporary house built in a short time, but I would not advise anyone to buy hogs at present prices and put them in lots or pastures where hogs have died from cholera before the ground had been plowed and had produced a crop of some kind.

If a temporary house could be built in a new place the case would be different, though there would still be some danger of infection being carried by other stock or by wagons used in hauling feed.

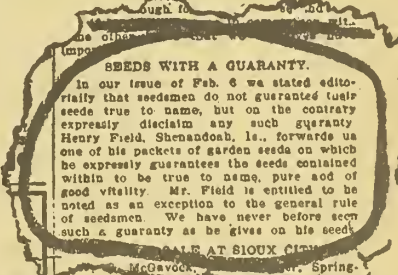
By all means, save the sows that live through a siege of cholera because they are then immune from the disease. Ten years ago the hog cholera killed off all my hogs but one. This one was bred as soon as she was in good condition to a male that had passed through the disease. She farrowed nine pigs in November and the next July eight of them weighed 2,140 pounds. Four years later the swine plague, which is sometimes called cholera, carried off about half of my shoats. The sows that survived were bred two months later to a male that had previously had cholera and the litters from those sows did exceedingly well. However, one must be careful not to breed sows until they are in good, thrifty condition. It is not enough to fatten them merely, but they should have shorts or other feeds that contain protein to build up the system.

One must be very careful about feeding after hogs have passed through a siege of cholera. The disease leaves their stomach and intestines very much irritated, and consequently it would be a great mistake to use coarse foods. It is much better to feed slops or ground feed that is of as little bulk as possible until the animal is in normal condition. Audubon county, Ia. P. Peterson.

The Missouri legislature has been exceptionally good to the farmers of the state at its recent session. Liberal appropriations were made for good roads, a bill was passed that provides for county farm experiment stations, another authorizes county courts to appropriate not over \$100 annually for the aid of agricultural or horticultural societies, and one other provides that farmers can register the name of their farm with the

**One SEEDSMAN Who GUARANTEES His Seed True to Name**

Clipped from Breeders' Gazette Feb. 20th



**SEEDS WITH A GUARANTY.**  
In our issue of Feb. 6 we stated editorially that seedsmen do not guarantee their seeds true to name, but on the contrary expressly disclaim any such guaranty. Henry Field, Shenandoah, Ia., forwards us one of his packets of garden seeds on which he expressly guarantees the seeds contained within to be true to name, pure and of good vitality. Mr. Field is entitled to be noted as an exception to the general rule of seedsmen. We have never before seen such a guaranty as he gives on his seeds.

SALE AT SIOUX CITY, IOWA.  
McGowan, Shenandoah, Ia., Spring-  
measured 120 lb.

This clipping in connection with the list of exposures of adulterated seeds, make mighty interesting reading.  
For 12 years I have carried a guaranty of purity, genuineness and germination on the seed I sell, and I propose it shall stand 50 years more. I have faith enough in my seeds that I am willing to back it up.  
This guaranty has helped me in building up the best seed business in the west. I sell all my seeds subject to a guaranty of Government Standard or better. I sell subject to your test and approval. I will ship on approval. I sell all kinds of seeds, seed corn, grass seed, garden seed, small grain and all on the same terms. Write for catalog and free samples, or send along your order for shipment on approval.

**HENRY FIELD,**  
Seedsman

Box 25, Shenandoah, Iowa.

county clerk for one dollar which will prevent it from being adopted by other farmers. The office of county highway engineer was created, the pure food law, and the bill establishing the office of state bee inspector for the protection of the common honey bee. Much beneficial legislation has been accomplished in all lines this past session.

**In the Good Old Days**  
the only way of tanning sole leather was by the use of oak bark. This required some months, but the result was a leather that possessed in the highest degree all the life and long wearing qualities, that a leather could have. Present day methods of leather tanning have changed. The old-fashioned way has been too slow. Much leather now in shoes on the market is poorer than cloth and paper. Poor tanning is largely the cause. In the Kirkendall Electric Welt Shoe only the very best oak tanned sole leather is used. These shoes are built for comfort and lasting quality. Ask your local dealer for Kirkendall's Electric Welt Shoe and if he does not have them write direct to F. P. Kirkendall & Co., 1101-1105 Harney St., Omaha, Neb., sending your local dealer's name and address. See the advertisement on this page. Mention The Homestead when writing.



IN THE GREAT SOUTHWEST.

An immense fissure caused by the bursting of a large gas well near Sapulpa, I. T., is on fire and attempts to confine the gas have so far failed.

Fifteen suits are to be filed in the United States circuit court at St. Joseph, Mo., against three of the large railway systems of the Southwest, for violation of the thirty-six hour law. In most cases the shipper authorized the keeping of stock on the train the full thirty-six hours which request was not granted.

A large stock feeder at Seneca, Neb., had fifty head of steers die in four days last week from being poisoned. Strychnin was discovered in the stomachs of those dead.

The present outlook for a fine fruit crop in Missouri this year is unusually bright, according to a statement made by W. H. Barnes, secretary of the state horticultural society. He says that the winter has been a splendid one, with all of the moisture needed, and barring a sudden radical change there is every reason to hope for a record crop. Peaches, however, do not look as favorable as other larger fruit. Apples, pears, cherries and plums are in fine condition.

The "dead" record in hogs arriving at markets during the hot weather of last week has been something frightful. Unloading chutes at all points have been strewn with carcasses of animals that died in the cars enroute to the markets. St. Joseph had about 500 dead one day and a proportionally large list on other days.

Frederick Saugrain, the oldest living man to be born in the Louisiana purchase, and the oldest native born citizen of St. Louis, celebrated his 100th anniversary. He was a lifelong personal friend of General U. S. Grant, who he helped erect a cabin on Granvois Creek near St. Louis.

A clash between federal authorities and a negro society of fanatics at Muskogee, I. T., resulted in the death of several colored parties.

W. J. Honeyman, Greenwood county, Kan., broke all state records of Poland China sales recently. Purity Girl, sired by Meddler, the world's champion boar, and out of a Thistledown dam, sold for \$1,100, going to parties at Peck, Kan. Several others sold for \$500 per head. Total on sale of forty head was \$5,447.20.

The Kansas State Board of Health has opened a school of instruction at Topeka, for the purpose of giving the four field inspectors in the state a course of training preparatory to starting them out on a crusade against impure food-stuffs. After receiving several days of instructions and listening to lectures by the state's analysts the field inspectors will be taken on a tour of the city and given a little practical work.

Hereafter veterinary practitioners in

Kansas must have a license to ply their profession and Gov. Hoch has appointed the following board: H. A. Maxwell, Salina, one year term graduate. T. N. Hadley, Kansas City, Kan., two year term. D. O. Knisely, Topeka, three year term.

The prospects for a large crop of fruit in the new state of Oklahoma were never more flattering than they are this spring. What is more to the point, the farmers of Oklahoma seem to appreciate the fruit growing industry as never before. The local hardware dealers report that more spray pumps have been sold this year than in ten years before. Moreover, the fruit growers are evincing an active interest in organizing along lines that will aid them in disposing of their crop. Cold storage for Oklahoma apples was resorted to for the first time in a commercial way during the past year and with very satisfactory results. Commercial orchards are increasing both in number and size.

The prairie dog of Western Kansas is not quite dead, though Professor Popenoe, who is in charge of the state poison laboratory, reports that there has been a great decrease in sales of poison the past three or four years, due to the thorough success that has followed the use of the college mixture. The total sales of prairie dog poison for the last three years is 8,831 quarts. The sales of gopher poison has been smaller, but very constant, and orders came from all over the eastern half of the state.

The biggest book ever published by the Kansas state board of agriculture is the 15th biennial report and consists of nearly 1,350 pages, and will call for about forty cents postage on each book, instead of thirty cents, as has been the case with former reports. The portion devoted to corn is the largest section of the book and the whole subject of corn culture is treated fully by expert authorities on corn culture.

According to the recent semi-annual statement of the board of control, it cost Kansas \$715,218.97 to maintain its nine institutions from July to December 31 of last year, of which amount \$112,495.69 was paid out in salaries. The principal expense is that of commissaries, and one of the most interesting items from this department is that of sugar and sirup. During the above mentioned period the

charitable charges of the state consumed \$3,016.72 in these two sweets. Next to sugar and sirup comes potatoes. The state paid out \$5,573.81 for this vegetable alone, while the cheese bill amounted to \$1,062.72; vinegar and pickles, \$539.33. For the product of the Kansas hen \$5,427.17 was paid out during the six months.

The Red Polled breeders of Texas have organized under the name of the Texas Red Polled Breeders' association. The following are the officers: President W. C. McKamy, of Renner; vice president, J. Webb Howell, of Bryan; secretary-treasurer, B. F. Roby, of Coleman. The board of directors of the association will consist of the above named officers and Dr. W. R. Clifton, of Waco, and J. H. Jennings, of Martindale. The members present represented about 600 head of Red Polled cattle, which shows how that breed is coming to the front. The next meeting will be held in San Antonio next November.

The public sale of Hereford cattle made by the members of the Texas Hereford association made an average of \$168.40 on forty head. Only three animals were sold for less than \$100. The highest priced animal was a heifer sold by Oscar Miles, of Ft. Smith, Ark., at \$350, going to parties at Midland, Tex.

Three new cheese factories are to be built this spring in the district north and east of Kaukauna. With the wholesale prices of cheese the highest that ever was known in its history and butter at top notch prices, it is little wonder that dairying interests are looking up these days. On every hand is seen evidences of increasing herds of cows, building of new cheese and butter factories and increasing the capacities of those already in operation. Many of these establishments are being run on the co-operative plan and farmers are large holders of stock.

Milwaukee people are winning a good many of the Carnegie hero medals and recently several were presented to those deserving this recognition.

PETER HOPLEY & SON'S STALLIONS.

Those of our readers who are in search of Percheron, Suffolk, Belgian or German coach stallions should visit the stables of Messrs. Peter Hopley & Son, at Lewis, Iowa. Just now they are offering some special bargains in stallions and for the next thirty days they will make prices that will defy competition. This is one of the well-known



1st Prize Winner in Iowa Class, at Iowa State Fair 1906, owned by G. W. Way & Son, of New Sharon, Iowa

SIRE	Beau Brummel 51817 .....	Don Carlos 33734 .....	Anxiety 4th 9904
	Beau Donorus 144615 .....	Belle 24629 .....	Dowager 6th 6932
Beau Brummel 4th 194318	Donora 3d 81638 .....	Roseland 51840 .....	North Pole 8946
	Calved November 21, 1903	Donna Anna 8th 46830 .....	Beau Ideal 8th 9949
Bred by Gudgell & Simpson		Donna Anna 4th 37202 .....	Earl of Shadland 47th 36644
			Rosette 3d 31106
DAM	Don Carlos 33734 .....	Anxiety 4th 9904 .....	Anxiety Monarch 41216
	Bangle 2d 46807 .....	Dowager 6th 6932 .....	Donna Anna 4th 37202
			Anxiety 2238
			Gaylass 9905
			Young Sir Frank 2669
			Dowager 5th 6933
			Anxiety 2238
			Gaylass 9905
			Hartington 4010
			Blanche 9952

Lands and Homes For Sale.

LAND AND A HOME THAT PAYS FOR ITSELF!

U T A H We will sell, cultivate and turn over to you irrigated land with a crop growing. We will continue to cultivate the land for part of the crop or you can do that, and make it your happy home. Is not that a sufficient warranty of heavy production and a strong market? Climate of sunshine; easy cultivation; easy payments. Fruit, Alfalfa, Poultry, Stock, Grain. Write for Booklet, UTAH COLONIZATION COMPANY, 607 Pioneer Press Bldg., St. Paul, Minn.

TAKE A TRIP TO SHREVEPORT

Next Excursion April 16.

YOU can buy good farm lands at \$5 to \$15 per acre. They will rent for \$3 to \$10 per acre yearly. Where can you beat this? Good schools, good churches, good climate and good water. Write today for free literature booklet and folder telling all about this wonderful country.

E. N. BROWN, President, Kansas City Southern Land and Immigration Co., 652-654 Beals Bldg., Kansas City, Mo.

MINNESOTA LANDS ARE THE BEST We own the lands we offer, have always believed that MINNESOTA is the best State in the Union for the farmer and are now selling lands to those who went to Western Canada and the dry belt in the past four years. Our lands are in Central Eastern Minnesota, between the four great markets, St. Paul, Minneapolis and Duluth and Superior. DON'T be misled by cheap rates and boom literature but settle where you can be sure of making a success. SEND FOR MAP AND BOOK. Farmers Land & Cattle Co., Globe Building, St. Paul, Minnesota.

WHEAT, STOCK RAISING And Dairy Land in Hettinger counties, North Dakota. We purchased some choice agricultural lands in those counties and are offering them in tracts from 1/4 sections up, for immediate sale at from \$10 to \$15 per acre on easy terms. No trades. R. R. rates on Tuesdays. A large number of Wis. also some Iowa and Minn. people have purchased lands from us there. If you are interested write or call upon E. M. Kieron Land Co., 311 Nicollet Ave., Minneapolis, Minn.

LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

\$12.50 PER ACRE for IRRIGATED LAND. Write for free Booklet and information L. M. DAVIS, PORTLAND, OREGON

draft horse firms in the West, and no firm in the state handle better horses than will be seen in their barns. The word of Messrs. Peter Hopley & Son stands for honesty and integrity in the draft horse business, and a guarantee from them, which goes with every horse, is worth a hundred cents on the dollar. The senior member of this firm was the first man to import horses to this country, and thirty years ago brought over his first importation. For the past twenty-five years he has annually imported horses from the old country, and no man has selected better stallions for the trade. Mr. Peter Hopley has long since been considered one of the good draft horse judges in this land of ours, and he always personally selects his own horses when he goes to Europe. Of late years he has taken into partnership his son, Harry, who now assumes the active management and has charge of the entire ranch. As a judge of draft horses he is the equal of his father, and no young man in the West has a better grasp of the draft horse business. The firm are particularly well situated to handle draft stallions, and save money for the buyer. They own 1,500 acres of the best land in Cass county and we know of no ranch in the West that is the equal of the Hopley ranch. A visit to their farm is always worth one's while, whether in search of a draft stallion or to see the beauties of an up-to-date farm. In midsummer when the corn grows and grass waves, when contented mares browse on the luxuriant grasses made rich by nature's lavish hand, when the growing colts gambol in the sunshine, and when fat cattle graze on the gentle slopes of one of the richest farms in the state of Iowa, this is when a visit to the Hopley ranch is most appreciated. There is not an acre of waste land on the entire farm. With a great equipment of splendid buildings and ample paddocks for both stallions and brood mares, they are in position to handle draft horses at a saving to their customers and yet at a profit to themselves. They select their own horses and they also sell them. They handle them on the farm where middlemen's profits and commissions are unknown, and this enables them to sell a horse at a reasonable figure. They are now offering special bargains on German coach, Percheron, Belgian and Suffolk stallions, and the next thirty days will see a splendid lot of bargains leave their place. In Percheron stallions they have some extra good ones on hand. There are some extra good blacks that will weigh 1,900 and 2,000 pounds, and they are good ones. They have one very toppy gray stallion and he will weigh right around a ton. He is a draft horse all over, absolutely all right in every way and is the greatest bargain we know of at \$1,200. He is a three-year-old and for his size is as good as there is in the state. In German coaches they also have a number on hand. They have a German coach horse on hand that will make them all go this fall. He is a two-year-old, coming three, and is one of the greatest movers we ever saw. They also have Belgians and Suffolks on hand and anyone who wants a stallion should go and see them at once. They have the horses, and their prices are right. The senior Mr. Hopley will go to Europe in a couple of months for more horses, and in the meantime they want to close out all they have on hand. It will pay anyone wanting a stallion to go and see this firm and their horses. They will sell you a horse that you will never be ashamed of, and at a price that will surprise you.

LOUDEN'S DOUBLE HOOK BARN DOOR HANGER. HE CAN'T HOOK IT OFF. A FLEXIBLE Barn Door Hanger. That works. Allows close fitting of doors, accommodates itself to the inequalities and warping of siding and yet never binds or runs hard. Hung on two sets of hangers, one on each side of an inverted "T" rail. Straddles the track like a hay carrier. It has an absolute center draft, no side hitch. Runs easy and true without a possibility of being blown, rooted or hooked off. Has chilled steel roller bearings. Fully described in catalog of Hay Tools, Barn and Stable Equipments. A copy free. Write for it and know all about the "Hanger he can't hook off."

Louden Machinery Company, 49 Broadway, Fairfield, Iowa.



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Offers the Finest Farm Chances in America

**Sugar Beet Irrigated Lands**  
Yielding net profits of \$10 to \$100 an acre, are obtainable at

**Less than Half the Same Lands Elsewhere**  
Combined with Alfalfa, Live Stock, Fruit and Dairy Farming, Government Irrigation Project, Reservoir 6 miles by 1 1/2 and inexhaustible underflow waters give endless and controllable water supply. Ideal altitude and climate.

Write for full information today to  
W. McC. E. ROWAN, Sec. Industrial Club,

Garden City, Kansas

## DESERT CLAIM RESERVATION.

TO BE OPENED at Denver, June 1st, 1907. Finest agricultural land in Colorado, raising abundant crops of wheat, oats, barley, hay and potatoes. Fine water right at \$10.00 per acre. Filing fee 25c per acre. Don't answer unless you have at least \$500.00. A square deal guaranteed.  
The Colonial Securities Co. Denver, Colorado.

## SUNNY SOUTH-EASTERN KANSAS.

THE best place on earth for a home or an investment. 160 acres, \$1,200 cash, balance easy terms; 80 acres, \$800 cash, balance easy terms; 150 acres; \$1,000 cash, balance easy terms. 187 1/2 Elk River bottom, half the grain goes with the farm, best land on earth, price low. Snaps of all sizes for those who come of once. Address,  
THE ALLEN COUNTY INVESTMENT CO.,  
Longton, Kansas.

## GOING TO CANADA

SOUTHERN Saskatchewan is the jewel of Canada. Its fine homes, cultivated farms, blooded stock and general thrift mark it as the choicest part of that great empire. From Estevan, just over the line, northwest to Weyburn, is a strip that is renowned for its rich soil, for its good water, and its enormous wheat crops; a place where land must double in price in five years. I want to locate you there. Write me.

C. C. Pugh, 310 Crocker Bldg., Des Moines Ia.

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Eleven thousand acres personally picked in small parcels out of 300,000 acres—all number one—well settled districts near main lines railways. Easy terms of payments. Address,

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## OKLAHOMA LANDS

FROM \$15 to \$40 per acre that will grow more crops and make more money than the best lands in Iowa, Nebraska or Missouri. Map and information free.

A. J. WALDOCK & CO.,  
OKLAHOMA CITY, OKLAHOMA.

**FOR SALE OR EXCHANGE:** 240 acre east-ern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

**FARMERS, READ THIS!**  
If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write me for prices and terms and we will tell you how to get a free ticket to see our lands. Gilliland Bros., 555 Temple Court, Minneapolis, Minn.

**IF YOU WANT TO BUY,** send full description of what you have or want with 25 cents to the Farmers' Want Journal, Dept. 51, Kansas City, Mo., and we will advertise it before 30,000 buyers and sellers and send you a copy of the paper.

**FOR SALE OR EXCHANGE:** 300 acres Mer Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151, Independence, Iowa.

**TO EXCHANGE:** Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

**Homeowner, be careful.** Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Mende, Kansas.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**Missouri Farms For Sale.**  
PRAIRIE or bottom land. Write for prices and descriptions. Address, John W. Everman, Gallatin, Missouri. Branch office, Chillicothe, Mo.

**\$15.00 PER ACRE,** alfalfa, wheat and corn land in central Nebraska. 4,500 acres in one farm near Kearney. Good improvements; will divide, time given. Agents wanted. Address, G. L. Crookham, Kearney, Nebraska.

**TO EXCHANGE:** Have a good improved farm, registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

## Wheat for the World

## Last Mountain Valley

SASKATCHEWAN

affords the investor, as well as the settler, unparalleled opportunities to make their money earn more money. Good rainfall, rich soil, splendid water, abundant fuel for all purposes, make this an ideal district for location. Invest your money in

## Canadian: Wheat: Lands

Send 15c for our beautiful, new photographic souvenir, entitled "The lake and the Land of the Last Mountain Valley," which is not only a work of art, but a book of authentic information. With this Souvenir we also send the 20th Century Atlas of Canada. Maps, Descriptive Matter, etc., on request.

WM. PEARSON CO. Ltd.

Northern Bank Building, Winnipeg, Man.

## BUY A CANADIAN WHEAT FARM

IN THE LAST GREAT HARD WHEAT DISTRICT IN THE WORLD. RICH, VIRGIN PRAIRIE. DEEP BLACK LOAM CLAY SUB-SOIL.  
We offer for sale

Over 500,000 Acres

in the following well-known districts and from which you can make your own selections:

THE FAMOUS SASKATCHEWAN VALLEY,  
THE GREAT QUILL LAKE PLAINS,  
THE GOOSE LAKE DISTRICT,  
THE YORKTON DISTRICT.

These are without question

## THE FINEST WHEAT LANDS IN WESTERN CANADA

producing last year 30 to 50 bushels of No. 1 HARD WHEAT to the acre. Send for Maps, Price Lists, etc.

STEWART & MATHEWS CO., LTD.,

187 Water St., WINNIPEG, CANADA. 305 Jackson St. ST., PAUL, MINN.

## READY TO MAKE MONEY?



If you are, we can sell you improved farms in the Calgary district which are producing and will give you a large and steady income at once.

If you would prefer to develop your own farm we can supply you with unimproved lands that will produce enormous crops of wheat, oats, alfalfa, sugar beets, barley, flax, timothy, clover and all root crops.

There is no better live stock and poultry country than this, and you are sure to make a large profit on the rise in land values. The advance in land values has just begun, and prices are bound to go up rapidly.

Let us tell you about some of the improved and unimproved farms we have that can be bought at low prices and on the easiest terms. If you are a farmer, this is the country for you.

THE CANADIAN-AMERICAN LAND AND INVESTMENT CO., Ltd.,

NUMBER 14 BURNS BLOCK.

GALGARY, ALBERTA, CANADA.

**HAVE YOU SEEN SMITH?** W. F. SMITH REALTY CO., OF KEARNEY, NEB.  
**WE SELL THE EARTH** Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today.  
W. F. SMITH REALTY CO., KEARNEY, NEBRASKA

### 390 ACRES, WELL IMPROVED.

WILL sell the best farm in Jackson Co., Mo., only nine miles from Kansas City, the second best market in the United States. It adjoins station on main line of Missouri Pacific between Kansas City and St. Louis. It has three trains a day each way. Fare from Kansas City, only 31 cents. It has a rock road to Kansas City and to Independence. It has 250 acres of rich Blue Valley land thoroughly tile drained at an expense of \$35 an acre, balance ridge land. It has a 5-room frame residence with bath, 4-room tenant, barn 35x72, large implement house, corn crib for 10,000 bushels of corn. Improvements in first-class repair. Will sell for \$100 an acre—one-half cash, balance long time at 6 per cent. In Illinois it would sell for \$200, and it is worth it. Will double in value in less than ten years. Other fancy farms.  
J. H. LIPSCOMB,  
306 Fidelity Trust Bldg., Kansas City, Mo.

## WANTED

Information regarding good farm that is for sale and which can be bought of owner. NO AGENTS NEED ANSWER. Wish to hear from owner only willing to close his own deal and save buyer paying big commission and fancy price to some agent. Address F. W. Hall, care of Locator Publishing Co., 379 Lumber Exchange, Minneapolis, Minn.

**LET ME SELL**  
YOUR FARM, HOME OR BUSINESS. No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.  
**GLENN REALTY CO.**  
16 Gumbel Building, KANSAS CITY, MO.

**SELL YOUR FARM**  
If you want to buy, sell or exchange a farm, home or business, send description at once. We have sold properties in 3 to 30 days. Our system is safe, sure and satisfactory to all. Address today.  
Real Estate Salesman Co.  
412 Braze Bldg., Lincoln, Nebraska

## MINNESOTA STATE SCHOOL LAND SALES

Great Opportunities to Secure Homes

At the following times and places I will hold sales of School and Other State Lands.

	ACRES
June 11, Grand Rapids, Itasca Co.	35,000
June 12, Duluth, St. Louis Co.	35,000
June 13, Carlton, Carlton Co.	21,000
June 14, Aitkin, Aitkin Co.	35,000
June 15, Brainerd, Crow Wing Co.	21,000
June 17, Bagley, Clearwater Co.	15,000
June 18, Bemidji, Beltrami Co.	20,000
June 19, Walker, Cass Co.	20,000
June 20, Park Rapids, Hubbard Co.	17,000
June 21, Wadena, Wadena Co.	15,000
June 22, Long Prairie, Todd Co.	8,600
June 24, Hallock, Kittson Co.	25,000
June 25, Warren, Marshall Co.	3,000
June 26, Crookston, Polk Co.	3,000
June 28, Roseau, Roseau Co.	30,000
July 1, Red Lake Falls, Red Lake Co.	5,000
July 2, Detroit, Becker Co.	23,000
July 3, Pine City, Pine Co.	10,000

**TERMS.**—These lands will be sold at public auction to the highest bidder. Fifteen per cent of the purchase price must be paid at the time of sale. The balance may run for 40 years at 4 per cent annual interest if desired. The title to all state land is perfect. Valuable illustrated book on Minnesota lands free; also list of lands offered.

**SAMUEL G. IVERSON**  
State Auditor St. Paul, Minn.

## New Wheat Lands In the Canadian West



5,000 additional miles of railway this year have opened up a largely increased territory to the progressive farmers of Western Canada, and the government of the Dominion continues to give one hundred and sixty acres free to every settler.



## The Country Has No Superior

Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low; climate the best in the Northern temperate zone. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address the Superintendent of Immigration  
Ottawa, Canada,  
or the authorized Canadian Government Agent

W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 215 Jackson St., St. Paul, Minn.

## BEFORE COMING TO WASHINGTON IDAHO OR OREGON LOOK UP

### LEWISTON-CLARKSTON

Unusually Low Railroad Rates in March and April. Mild climate; superb scenery; fine hunting and fishing; rich farms, orchards, gardens; immense yields of grains, grasses, apples, peaches, grapes, melons, berries; live stock, dairying, poultry; mines, timber. Five new railroads. Growing cities. Head of all-year navigation from Pacific Ocean. Manufacturing and jobbing. Investment opportunities. Good schools and churches. For free information write today to Department D. LEWISTON-CLARKSTON BUREAU, Lewiston, Idaho

### THE BEST DEAL YET

offered the actual **HOMESEAKER** is that of The Duluth & Iron Range R. R. Co., in its Meadowlands district of St. Louis County, Minn. Good land at reasonable prices and on 15 years' time. Write for full information to Land Commissioner D. & I. R. R., 525 Wolvin Bldg., Duluth, Minn.

## Missouri Farms.

Write for State Mnp. Booklet and Weather Report. Sent Free.  
BAZIL J. MURK,  
Chillicothe, Missouri.

**FOR SALE** In Henry County, Mo., fine farm, 200 acres, 2 miles from Brownstown, Mo., and 90 miles from Kansas City; 160 acres improved, 40 acres timber, new house and barn, some fruit trees. Price, \$4,500 cash, balance on 3 years' time. Write Western Stoneware Co., Monmouth, Ill.

**IOWA FARMS:** Send for our new illustrated list of improved Iowa farms. This is the finest list we have ever issued, gives full descriptions with good pictures. Also offers some good places for exchange and rent. Northern Iowa Land Co., Independence, Iowa.

**TO EXCHANGE:** Good 640-acre farm in Wilkin county, Minn.; 468 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.



## Renting Land.

To the Editor of The Homestead:

Mr. Allen, of Laurens, Iowa, has written a letter on a great subject, that of renting farms. This country in central Illinois is nearly all farmed by tenants, only about one farm in ten being run by the owner. This is therefore a great problem with us and one which calls for a great deal of forethought and co-operation in order to keep the country fertile and progressing as it should be. It seems to me that this country must be retrograding at present, as everyone owning a quarter section or more is renting it out and going to the city to live. As a result the farmers are going down hill and our schools are about to run out, as children are being sent to some village or city school as soon as they can read in the third or fourth reader.

This is all wrong. We should have more sociability and more pleasures at home and build up our own neighborhood in place of some other locality. I have been renting for nearly twenty years for grain and cash rents, but have never farmed on the stock plan. So far as my experience goes there is not enough sympathy and co-operation between landlord and tenant. I have never yet found a landlord who would scarcely furnish a thing to keep up the farm. The average tenant has no sheds for his stock, no shed for his implements, scarcely any cribs or granaries for his grain, no house worth mentioning for his poultry, and even the gardens and yards are not fenced to turn poultry. Possibly there is a very poor makeshift of a fence around a small corner of the pasture, the rest of the farm being fenced with two wires or an old hedge that will turn nothing. Yet with all these drawbacks the tenant is expected to go right along and make money and keep up the farm. A great many of our land owners have started with nothing and have had to economize greatly to get along in the world; they have purchased their farms cheap and have dragged along in a very slow way until the farm has paid for itself and they have laid by a small competence which they decide to invest in city property. They move to town then and rent the farm. Frequently they do this because they are not able to do the work on the farm and are too stingy to hire help. The farm is rented to a tenant and he is expected to build it up without a cent. He cannot do this, of course, so they are disappointed and change tenants every year and the farm continues to go down.

I think the owner of every farm should put the farm into proper condition to handle and furnish material to keep it that way. He will then be able to secure a good tenant who will take pride in keeping things in good order. He might exact a penalty on the tenant for not doing his part. For instance, I know a man who makes his tenants agree to pay from \$20 to \$50 for leaving burs or

other obnoxious weeds in the fields and pastures.

To handle live stock, feed the products of the farm to them and divide the surplus is no doubt the proper way to rent, but, as Mr. Allen says, it would be very hard to find the right man. Raising and handling live stock is a science apart from crop farming. There are not many men who have the pluck and perseverance to properly handle live stock. It is possible for one to crop a farm successfully by working ten hours a day, six days in a week, laying off on rainy days and perhaps visiting a few days; but it cannot be done and handle live stock successfully. It takes regular attention 365 days in the year. One must become so imbued with his work that it becomes a part of him. He must not neglect his stock under any circumstances. If they are in distress he must look after them, in the night as well as during the day, and where we find one willing to do this you will find he will not be a renter very long; he soon buys a farm and goes to work for himself.

Dairying is the hardest problem of all, unless help becomes more plentiful than it now is. One can hardly find a single man who will milk at all. Hired men, as a rule, want to be off from early Saturday evening until Monday morning and from one to three evenings during the week.

As to the division of profits and rental, it is evident that the tenant must have more than half to come out whole handling stock; that is, he could not pay for one-half the grass and all other extras, as it costs more to handle stock than to take the grain to market. Where farms are rented on the shares here, the landlord usually furnishes clover, timothy seed with all small grain sown. New clover is cut and divided and the seed is also divided equally, each one paying half the thrashing bill. S. Stogdell. Christian county, Ill.

Seven years ago last September I rented a 200-acre farm in Warren county, Iowa, to two brothers, one married, the other single. We went into written contract for one year, with the understanding that the contract was to hold as long as both parties were satisfied. By the terms of this contract each was to furnish one-half of all stock, implements, seed, etc., each to furnish one-half of the binding twine, to pay one-half of the expenses of the thrashing machine, service of stallions, etc. I was to furnish necessary material for repairs and they were to do all the labor necessary to the running of the farm and keeping it in repair. Each was to receive one-half of the profits and share equally in ultimate division of assets. Everything produced on the farm was to be divided equally, except they were to have a garden patch and butter and milk enough for family consumption. They

have now been on the farm seven years and four months. Neither one has ever seen the contract since it was signed up that I know of, and I think both parties are well satisfied. I have never taken any of the chickens or eggs, nor did I expect to at the time of making the contract; but the men were strangers to me and I wanted to protect myself, as I had fed more chickens for another family at one time than I care to again. I get my share of the turkeys each year, and we consider them the best paying investment on the farm.

There are about 150 rods of hedge on the farm. I paid the men \$25 to put it in repair the first year, and since that time they have kept it nice enough for a yard fence, without expense to me. I had just purchased the farm at the time of making this contract and it was almost wholly gone to burs. The contract stipulated that the burs were to be cut out of the corn after harvest. When the time came I told them to go ahead and be sure to get them all and I would pay them for the work. This I did for two or three years. I think now there is possibly not a cleaner farm in the township. Men all need encouragement, and renters are no exception to the rule.

The contract specifies that the farm is to be run under the supervision of the owner. I think I have identically the plan recommended by M. Olson in a late issue of this paper, and after seven years' trial have no reason to change it in the least.

J. M. Watkins.

It is easy  
enough to shave yourself

no matter how stout your beard, if you have the right Shaving Soap, the kind which thoroughly softens the beard and makes easy work for the razor. Williams' Shaving Soap not only does this but has a healing, soothing effect on the face.



"The only kind that won't  
smart or dry on the face."

Send 2 cent stamp for a TRIAL CAKE of Williams' Shaving Soap, or 4 cents for a Williams' Shaving Stick, trial size, enough for 50 shaves. Address

THE J. B. WILLIAMS COMPANY

Department A  
GLASTONBURY, CONN.

Williams' Shaving Soap

## QUEEN MILLS SHORT-HORNS.

In this issue of The Homestead we begin the advertisement of the Queen Mills herd of Short-horn cattle owned by the well-known breeder, Mr. George H. White, of Emerson, Iowa. Mr. White has achieved considerable distinction throughout the state and the West as a breeder of Poland China hogs, and his winnings at the leading state fairs has put his Queen Mills herd in the forefront among the Poland China breeders in the West. With a natural inclination to good stock he turned his attention to Short-horn cattle and has founded one of the best herds in southwest Iowa. His experience in the hog business has taught him that the best was what he should have, and that is the kind he has been buying. At the head of the herd is Hampton's Counsellor 264533, one of the best sons of the noted bull, Hampton's Best. This young bull is a roan in color, is a Cruickshank Secret of the bluest blood, a most excellent individual, and a bull of marked characteristics. He is one of the best young Scotch bulls in the state today and Mr. White could have sold him at an advanced price recently to go to one of the best herds in the West. He has been selecting some well-bred females also, and recently purchased at the C. R. Steele sale Imp. Coral Countess, with heifer calf at foot by Ceremonious Archer. He has two good daughters of the noted bull, Godwin, in the herd, and also has a daughter of Victor Allan with a bull calf at foot by the noted show bull, Good Choice. He has several other excellent females that have cost good money and some of these will be seen at the fairs this fall. Mr. White's herd is small as yet, and he has therefore consented to breed a few choice cows at a reasonable price to Hampton's Counsellor, should anyone desire it. He will make a Poland China sale at Malvern, Iowa, on November 9th, at which time he will only sell the tops of his herd. We predict a bright future for Mr. White and his Queen Mills herds, and if energy and good judgment count for anything he will certainly get to the front.

# FREE!

## My Book

ABOUT CURING  
**DEAFNESS** AND  
**EYE DISEASES** AT HOME

I HAVE published a new book which tells of a new method by which people who are willing to devote fifteen minutes of their time each day for a month or two, following my instructions, can cure themselves of mild forms of Deafness, Head Noises, chronic Catarrh, falling eyesight of Granulated Lids, Sore Eyes, Flims,

Wild Hairs, Glaucoma, Weak eyes, and ordinary eye, ear, nose and throat diseases. This book gives the causes and symptoms of each disease and tells you how you can cure it at home, explains my painless method of straightening cross eyes, etc.

I want to place one of these books absolutely free of charge in every home in the United States. One hundred thousand people have used this method. This book tells of their experience.

You can have this book and my advice free, by simply writing me a letter about your case. No money wanted. I simply want you to read of this remarkable system. Write me today.

Address **DR. W. O. COFFEE**,  
340 Century Bldg., DES MOINES, IOWA



Missie 169th, to be included in the sale of Mr. F. W. Harding, at Waukesha, Wis., April 10th  
See Mr. Harding's advertisement on page 39.



April 4, 1907.]

## Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND  
HEREFORDS.

May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

April 10, F. W. Harding, Waukesha, Wis.  
April 11, Combination Sale at Nevada, Iowa; E. R. Silliman, Mgr., Colo., Iowa.  
April 12, R. A. Coffey, Mgr., Savannah, Mo.  
April 22, Geo. Bothwell, Nettleton, Mo.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
April 30, M. T. Conner, Auburn, Neb.; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
April 30, S. J. Cockran, M. T. Conner, Auburn, Neb.  
May 8, A. Chrystal, Marshall, Mich.  
May 22, R. H. Hadley, New Providence, Ia.  
May 27, Combination Sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
May 28, Henry Kuper, Humboldt, Neb.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 14, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 16, L. B. Converse, Maryville, Mo.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

## HEREFORDS.

May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
June 18, Hood & Baker, Dunlap, Iowa.

## POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

## DUROCS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.

## POLAND CHINAS.

Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.

## POLAND CHINAS AND DUROC JERSEYS.

Oct. 19, E. A. Olive, Scranton, Iowa.

## FIELD NOTES.

Scotch and Scotch-topped Short-horn bulls are offered for sale by Messrs. C. W. Daws & Son, of Harlan, Iowa.

Mr. J. D. McDermott, of Wiota, Iowa, is offering a cracking good lot of Scotch hulis for sale, and they are all right.

Mr. J. T. Judge, of Carroll, Iowa, claims December 19th as a date on which to hold a public sale of Short-horn cattle.

Mr. E. A. Olive, of Scranton, Iowa, announces a public sale of Poland China and Duroc Jersey boars on October 19th.

Duroc Jersey boars, sired by the great Proud Advance, are offered for sale by Messrs. Manley & Co., of Lyons, Neb.

Large Improved Yorkshire sows and boars are offered for sale by Mr. F. Rabeller, of Leigh, Neb. He is making reasonable prices on these just to move them.

Formulas for carriage top dressing and weather-proof whitewash are advertised on page 11 by Mr. B. E. Wright, of Superior, Neb. Write him, mentioning The Homestead.

Mr. Ellis G. Henline now resides at Arrow-smith, Ill., instead of at Lexington, Ill., his former address. Kindly bear this in mind when writing him in the future and avoid delays.

Mr. Geo. H. White, of Emerson, Iowa, offers for sale an excellent Poland China boar in Dude's Wonder, a son of Nemo L's Dude, dam being a daughter of Chief Perfection 3d. He is offering him at a reasonable price, because he does not need two boars at present.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., are in position to furnish the best pair of Scotch Short-horn hulis ever produced on their farm. One, a Lavender, is a deep red roan out of a daughter of Imp. Golden Crest and Imp. Lavender Thyme 2d. His sire, Lavender Viscount 2d, was got by the champion, Lavender Viscount. For twelve generations his dams are pure Lavenders. Individually he is a youngster of great promise and is fit to go to the head of some

Mr. U. G. Davidson, of Manson, Iowa, breeder of Crimson Wonder Again, writes: "Just one gilt left, sired by Crimson Wonder I Am and bred for May 15th farrow to American Lad. A choice one and the first \$50 draft gets her. Have shipped to Illinois, Missouri, Nebraska and Arkansas this season, with good Iowa trade. Will sell the young boar, American Lad. He is a good show prospect and anyone wanting to fit a boar

An Only Daughter  
Cured of Consumption

When death was hourly expected, all remedies having failed, and Dr. H. James was experimenting with the many herbs of Calcutta, he accidentally made a discovery, which cured his only child of consumption. His child is now in this country and enjoying the best of health. He has proved to the world that consumption can be positively and permanently cured. The doctor now gives this recipe free, only asking two two-cent stamps to pay expenses. This herb also cures Nausea at the Stomach, Night Sweats, and will break up a fresh cold in twenty-four hours. Address Craddock & Co., 1032 Race St., Philadelphia, Pa., mentioning this paper.

SPECIAL  
OFFER

## TWO PAPERS FOR THE PRICE OF ONE.

## You Know The Iowa Homestead

One of the two. It is recognized everywhere as the foremost agricultural weekly in the world—edited by working farmers—embodying the wisdom and experience of the largest corps of editors and contributors of any farm journal that is published. It has no equal.

## You Have Heard of Farm and Fireside

The other one, published twice a month, twenty-four times a year, a valuable addition to the family. Twelve of the numbers include the splendid Fiction Magazine Section, filled with stories, games and interesting reading for the family. An early feature is a complete novel by Miss Maude Roosevelt, entitled "The Strange Adventures of Helen Mortimer."

Both These Magnificent  
Papers For \$1.00 a Year

## USE THIS ORDER BLANK.

Date \_\_\_\_\_ 190 \_\_\_\_\_

Homestead Co., Des Moines, Iowa.

Gentlemen:—Enclosed find \$1.00, for which you will please send me *The Homestead* and *Farm and Fireside* for one year. This subscription is (new) (a renewal) Erase one.

Your Name \_\_\_\_\_

State \_\_\_\_\_

R. F. D. No. \_\_\_\_\_

P. O. \_\_\_\_\_

## SHEEP.

## CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

CHANDLER BROS., Chariton, Iowa

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

this fellow. The writer when he last saw him was so favorably impressed with him that we suggested that he be retained to follow the great Viscount of Anoka. Should any of our readers be in the market for a bull of this sort they should not delay, as there are few if any of his equal on the market.

Two Double Standard Polled Durham heifers, coming two years old and of choice breeding, are offered by Mr. W. E. Loughary, of Packwood, Iowa. As the farm has been rented this gentleman finds it necessary to sell his stock and feels that these two individuals are being offered at a price that should take them off his hands quick. They are held for \$80 each and any farmer looking for a good heifer in this breed should write at once. See page 35 and mention The Homestead when you write.

The young man of today who succeeds in any trade owes his success to a good technical training. Almost all the branches taught which fit the young person for a trade are taught at the Highland Park College, Des Moines, Iowa, situated in pleasant environment and with well-organized courses this school offers special opportunities to the person seeking an education. Write for fine new catalog to Mr. O. H. Longwell, president, at the above address, or see page 17. Mention The Homestead when writing.

Probably no faster trotter lives than Jim McGregor by Mark Time 2:19, sold to Mr. C. K. G. Billings at Lincoln, Neb., last August for \$2,000. Although entered in valuable stakes, he was taken east and report says has speed enough to take "championship honors." Mr. Adam Schupp, 1234 O St., Lincoln, Neb., has for sale a half brother to this sensational horse in Earl Time 38830, a show winner and speedy. McGregor blood which threw Cresceus 2:02 1/2, certainly gives extreme speed, through his sire, while Ensign 2:28 1/2, sire of Blue Sign (p) 2:08 and others below 2:20, and three daughters dams of 2:10 speed, has left a noted family, insuring extreme speed on both sides of Earl Time's pedigree. Write for extended pedigree. If not sold, might

Kentucky Breeders Delighted with  
Homestead Advertising Service.RETURNS FROM THE HOMESTEAD AND ABLE BING WORK OF ITS  
FIELD MAN INSURE SUCCESS FOR A SALE OF DUROC-JERSEYS.

Messrs. Amos W. Harris & Sons, proprietors of the Penryn herd of Duroc-Jersey Swine, Waverly, Ky., write expressing the greatest satisfaction with the advertising service of The Homestead. Under date of March 21st, they say:

"We shall have to ask you to change our advertisement, as the sow advertised was sold to a Homestead subscriber before our own copy of the paper reached us, which is going pretty fast. We also wish to express our appreciation of Homestead results generally and of the services of our field man, Mr. D. M. Pierce, in connection with our recent sale. We could hardly have made a sale without the services of Mr. Pierce and your paper. He is certainly a wonder in the sale ring; and any man would make a mistake in this part of the country in not having him present, as, by his assistance and the bids he has, he practically makes the sale. We had a great sale and made an average of \$180; and there were not enough sows bred to Commodore, the king of the breed, to go around."



be farmed to party situated to push speed development. See advertisement on page 37.

Mr. L. C. Barnett, of Indianola, Iowa, offers for sale Percheron and French draft stallions of good weight and profitable age for buying. The former head of this firm was Mr. J. H. Barnett, whose stable has been purchased by the former gentleman, who is well prepared to conduct it properly. See page 37 and mention The Homestead when you write.

Mr. L. C. Reese, of Prescott, Iowa, the well-known Chester White breeder, has a nice crop of pigs on hand this year. No breeder in the state is better known or has done a better business in Chester Whites than has Mr. Louis Reese. His crop this year is sired by O. K. Mikado and High Score. High Score was the most promising show prospect for this year, but Mr. Reese

was unfortunate to lose him. O. K. Mikado is a son of Monarch Jr., a leading winner at the Iowa State Fair. Mr. Reese has a grand lot of brood sows, mostly sired by his old show boar, Prescott Boy, that made such a reputation for the Reese herd. He has a number of very choice litters that show up well at this time and he hopes to see all the boys at the state fair again this year.

Short-horn bulls and heifers, Poland China hogs and hen eggs for hatching are advertised by Mr. Fred Ebendorf, of Strawberry Point, Iowa. He has two first-class young Scotch-topped bulls which have been grown right along from birth and he will spare several heifers if desired. As the spring crop of pigs has been so large Mr. Ebendorf offers to sell sows of April and May farrow that are bred to such boars as Hustle On, a son of On and On, Perf. Spellbinder and to a son of Independence. He also offers eggs for hatching at \$1 per sitting from Silver Laced Wyandottes and Single Comb Brown Leghorns. Write or visit Mr. Ebendorf and mention The Homestead when so doing. See page 36.

Mr. J. G. Trumau, manager of Trumans' Pioneer Stud Farm, writes under recent date regarding their success in the following lines: "Among our numerous sales last week I wish to report the sale of the Shire stallion, Stow Regent, to Messrs. Fred Holtby and Grant Chase, of Collins, Iowa. Stow Regent is a dark bay, white face and legs, rising five years old and notwithstanding the fact that he was imported three weeks since and not in high flesh, weighs upwards of 2,000 pounds. He is an ideal show horse and will make rather warm competition at the Iowa State Fair next fall. The farmers and breeders of Story county are certainly to be congratulated on having the opportunity of a sire like he is in their midst. I am pleased to say that trade with us is very good. I am in receipt of a cablegram from our Mr. J. H. Truman advising us that he shipped thirty-six Shires and Hackneys on the Minnetonka sailing Saturday last. They are due to arrive here April 3d. Included in this shipment are a few of the very best that ever crossed the Atlantic ocean and taking the shipment all through I understand they are well up to the Truman standard."

A letter from an enterprising Illinois stallion establishment reads: "Although the season for selling horses is growing late and the weather so fine that farmers are unusually busy with their spring work, our sales keep up remarkably well. During the past week a company at Maroa, Ill., purchased of us a fine imported three-year-old Shire stallion and Mr. Jas. Parker, of Argenta, Ill., bought an American-bred two-year-old Percheron. Messrs. March & Tudor, of McLean, Ill., bought one of our best two-year-old imported Belgian stallions, and the Athensville Horse Company, of Roodhouse, Ill., purchased an American-bred Shire. Messrs. E. J. & R. L. Hughes, prominent breeders of Kellerville, Ill., get an imported four-year-old Percheron to complete their stud, and we have just closed a deal with Messrs. Bigler Bros., of Sigel, Ill., for a grand four-year-old imported Shire stallion. In this connection we wish to say we have during the past few weeks sold six stallions to our neighbors within a radius of eight miles from Williamsville, and we wish to take this opportunity to express our appreciation of the confidence thus placed in us. Taylor & Jones, Williamsville, Ill." See advertisement on page 38.

#### FOR SALE.

Two Percheron stallions, coming four years old, recorded, will weigh between 1,700 and 1,800 pounds. Must sell at once.

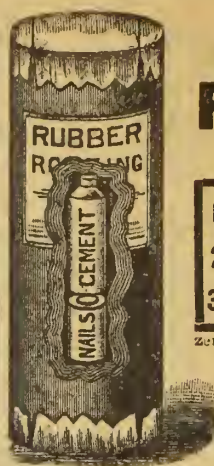
Stanbra & Brown, Humboldt, Iowa.

#### VETERINARY.

Fistula and poll evil are volcanoes of the system which are easily, humanely and permanently extinguished with Dr. Knoblauch's internal remedy. Price fifty cents. Free treatise. Clouse & Stamm, chemists, Geneseo, Ill. See advertisement on page 19.

#### TWO GOOD POLLED DURHAM BULLS FOR SALE.

Messrs. James Wilson & Sons, of Avoca, Iowa, proprietors of one of the best Polled Durham herds in the state of Iowa and the West, offer two good young bulls for sale. One of these is twelve months, the other eighteen months of age. They are both sired by their great bull, Marshall of Orange, and are out of their best cows. If any of our readers want a good Polled Durham bull



## ...WATERPROOF... RUBBER ROOFING

1-Ply \$1.35

2-Ply \$1.90

3-Ply \$2.50

A PERFECT ROOF. Needs no coating and has no sand on it to cover defects. EVERY ROLL GUARANTEED. Will stand any climate, is acid proof, water proof and will outlast shingles at one-third price.

Can be returned if not just as we represent and money will be refunded. Send for samples. References: Citizens and State Banks. Shipping points, St. Louis, Missouri and West Branch, Iowa.

**SOLD  
DIRECT  
to the  
FARMER**

**FARMERS SUPPLY CO.,  
WEST BRANCH, IOWA.**

## Are You Deformed or Crippled?

Read What Mr. Bleakney Has to Say About the Cure of His Son.

To those who are directly interested in crippled or deformed children or young adults, the following should appeal.



Houston, Texas, March 10, 1907.  
L. C. McLain Sanitarium,  
St. Louis, Mo.

Gentlemen:—The boy has no trouble whatever. He uses an ordinary shoe and our closest friends together with the doctor that first treated the foot are unable at a glance to detect which was the crippled foot. The doctor in question examined the foot and pronounced the treatment as remarkable, considering the time same had been treated, says that he has every movement of the ankle and says it is a sure cure. He was somewhat prejudiced when the matter was first mentioned, viz: to sending him there. We had the baby's picture taken last week and am mailing you one of them to show you how his foot looks at this stage of the game. The foot hanging down as shown in the photo was the crooked foot and you will note how straight it is. Your institution will always have a warm spot in our hearts. The kindness shown my wife and baby while there will never be forgotten and rest assured that we are giving the institution the highest praises to any and all interested. You can refer to us at any time. Wife and baby are in excellent health and both send the warmest greetings. Yours truly,  
2910 Washington Ave. W. J. BLEAKNEY.

What we have done for this child and hundreds of other crippled and afflicted people, we can do for you if given the opportunity.

Write us freely and at once regarding any case of spinal deformity, crooked feet, infantile paralysis, crippled or deformed joints or limbs and we will be pleased to advise you. Our book, "Deformities and Paralysis," with references, is free for the asking. The L. C. McLain Orthopedic Sanitarium, 3104 Pine Street, St. Louis, Mo.

## Free Book For Men



A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, etc. This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

**DRS. FELLOWS & FELLOWS CO.,**  
323 Rollins Bldg., Des Moines, Iowa

to head their herd they should go and see these bulls. The price is right when you consider the quality.

#### KREHBIEL'S HERD OF CHESTER WHITES.

Mr. John H. Krehbiel, of Donnellson, Iowa, writes us that his herd of Improved Chester White swine is in splendid condition and his prospects for a good crop of early pigs are very promising. His herd contains blood from such famous boars as Combination, Nashua Boy and Billy Boy. A few August and September pigs are for sale. Orders are being booked for the present crop and will be filled in their turn, so you had better make your wants known early. See page 35 for card. Mention The Homestead with your inquiry and order.

#### DUROC HERD STARTED AT LONG POINT, IOWA.

Mr. J. W. Briggs, of Alden, Iowa, breeder of Duroc Jerseys, writes that he has just had the good fortune to furnish the Long Point Stock Farm, at Long Point, Iowa, of which Mr. Alex. M. Fennell is manager, with eleven head of well-bred red hogs as the foundation of a herd at that place. Mr. Fennell recently came from Missouri and is an old breeder of Angus cattle. He is planning to have some good stock on the ranch in the near future. Mr. Briggs has an advertisement on page 36 and reports splendid sales.

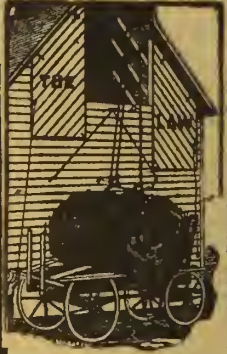
#### ANGUS BULLS FOR SALE.

Messrs. Wheatley & Ward, of King City, Mo., breeders of high-class Aberdeen Angus, can furnish bulls that are ready for service. These are the get of their great herd bulls, Maplehurst Proteros 47351, Hale Lad 2d 42497 or Gardner's Pearl Rosegay 52637. Messrs. Wheatley & Ward are pricing these bulls right and with a herd of the size of theirs, buyers have an opportunity for making selections from a number of bulls. Another thing, when buying from these gentlemen you are buying from men who stand fairly and honestly behind every animal they sell. Once a customer you are always a customer here. See page 36 for their advertisement and if in the market for a bull write them, or, better still, take the train and go visit the herd. King City, Mo., is thirty-two miles northeast of St. Joe, Mo., on the Des Moines, Chariton & St. Joe branch of the C., B. & Q.

#### CHAPEL HILL BERKSHIRES.

The genial proprietor of Chapel Hill breeding establishment, Mr. W. D. McTavish, of Coggon, Iowa, has under date of March 17th written to one of our field representatives to discontinue his advertising of bred sows, as he could not begin to fill the orders that came from Homestead readers for the famous Chapel Hill Berkshires. The change in his announcement on page 37 is to the effect that those who expect to secure the famous, big-boned English Berkshire will do well to get their orders in early. The spring crop of pigs is now arriving and is fully up to the most sanguine expectations. A word to the wise is sufficient. Get your orders in early. Mr. McTavish will deal absolutely square with all his customers and in booking orders they will get selections exactly in the order that they are received. The Homestead heartily recommends the pro-

## LAW HAY TOOLS



In your barn are a guarantee that your hay will go into the mow in quick, clean shape

LET us send you circulars describing our Sure Trip carriers, Safety Lock Ends, Gable End Door fixtures, Detachable hay rack loads. Our door fixtures can be put on an old or new, hip or straight roof barn. Glad to furnish you itemized estimates of the cost of an equipment of this kind for your barn.  
**LAW MFG. CO., ST. PAUL, MINN.**

prietor of Chapel Hill as an honorable, worthy and upright man in every respect, and one with whom it is safe to place future orders.

#### TWO GOOD PERCHERON STALLIONS FOR SALE.

On page 37 of this week's issue will be found the advertisement of Mr. J. S. Golder, of Wisner, Neb., who is offering two good Percheron stallions for sale. One of these is Lord Tennyson 48208, a son of the well-known show horse, Sully 21779. He is an iron gray, will weigh 2,200 pounds in breeding condition and is an excellent horse. His measurements are, girth, seven feet eleven inches, forearm, twenty-four inches, hind arm, twenty-five inches, and will stand seventeen and one-half hands high. He is one of the best stallions in the state and will make an excellent stock horse. He is four years old and just in his prime. Another good horse is Bordeaux, coming three years old, sired by Messrs. Singmaster's old show horse, Rapin 22627. Anyone wanting a Percheron stallion should go and see these.

#### SONS OF IMP. MUTINEER MEET WITH APPROVAL.

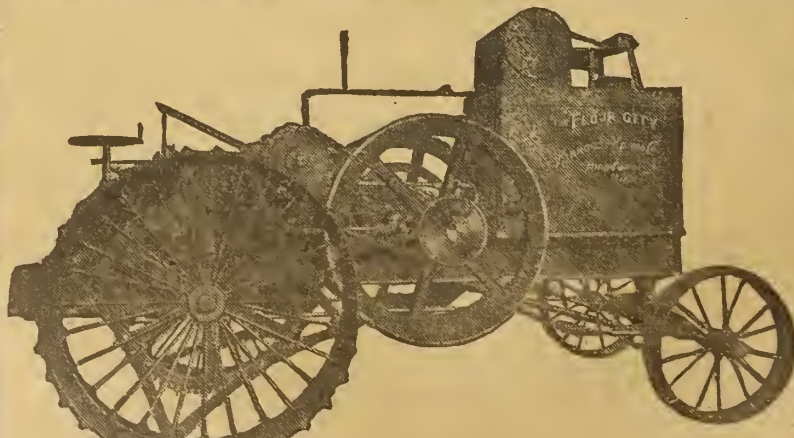
Mr. A. C. Berry, of Unionville, Mo., owner of the great Short-horn bull, Imp. Mutineer, writes that he recently sold Mr. Frank Hass, of Grant City, Mo., a fine Victoria bull that was got by Imp. Mutineer. The price was \$250 and the entire deal was made through correspondence. After the bull reached his new home Mr. Hass writes that he is a good one and fills the bill. This is the report from those who get sons of Mutineer. Mr. Berry has a number of young bulls that are coming on in fine shape. A fine fellow just past a year old and a Brawth Bud, should please some man who does not mind just a little white. Mr. Berry is also offering some Imp. Mutineer heifers that will make someone valuable breeding cows. See page 36 for Mr. Berry's advertisement.

#### IF SMALL LEAKS

sink great ships, it is just as true that small leaks in the roof of a barn will destroy a mow of hay, or any other forage or grain stored there. There is no building which requires so good a roof as the barn. The products of the farm are largely stored in the barn. That is the manufacturing plant of the farm. It is the farmer's mint. There he turns the cheap products of the farm into high-priced goods. Moldy hay and grain will never make palatable feed—the kind that makes fine butter and meat. Protect the supply of feed as carefully as possible if you would make the best profits. The Beaconite Roofing is sold at the lowest possible cost, because it is sold direct from the mills. Do you know of any other brand so retailed? Beaconite is made to last a lifetime. Write for samples and prices to the Beaconite Mills, Dept. 4, St. Louis, Mo. Don't overlook the advertisement which is found on page 27.

#### JOHN GRIFFITH'S ABERDEEN ANGUS CATTLE.

A Homestead representative had the pleasure last week of inspecting the splendid herd of Aberdeen Angus cattle owned by Mr. John Griffith, of Washington, Iowa. We had not seen the herd for some time and found some twelve young bulls of serviceable ages for sale. One plum was noted in the Erica yearling by Scottish Hero. This youngster is fit to adorn the commanding position of heading some good herd of doddlies. He is true in his lines and is evenly balanced throughout. His head is well high perfect and his shortness of leg combines to make him a star in any company from the standpoint of true doddle type. The other bulls for sale are of the following families: Heather Bloom, Abbess, Rothme Queen, Princess, etc. The herd bulls are Scottish



#### Flour City Gasoline Engines.

Any make of gasoline engine will run something, somewhere, somehow. The Flour City will run anything, anywhere, all right. If you do not believe this, the manufacturers, Kinnard-Haines Company, 824 44 Ave. N., Minneapolis, Minn., will send you testimonials of thousands of pleased customers to whom they would refer you. The company manufacture a full line of portable, stationary and traction engines and would be pleased to send you one of their unique catalogs, full of useful information for those who are already using gasoline engines or who expect to purchase one in the future. Write them today and mention The Homestead. Watch The Homestead columns for their advertisement.



Hero and Glen's Prileno. The first is a Queen Mother bull sired by Woodlawn and he by Lord Woodlawn. This is a great bull and an exceptional sire. Glen's Prileno is a Pride bull sired by Imp. Prileno and out of a Pride cow sired by Imp. Ahelour. Mr. Griffith is desirous of closing out these bulls at bargain prices. He will doubtless make a public sale this coming fall, particulars of which will appear in The Homestead in due time.

THE AMERICAN COLLEGE OF AUCTIONEERING.

Col. Harry W. Graham, president of the American College of Auctioneering, at Chillicothe, Mo., has a change of advertisement on page 35 that should interest all who contemplate entering the auctioneering business. No profession pays better than that of the competent auctioneer and the beginner or the man who contemplates entering the field as a salesman of any of the breeds of purebred live stock or the conducting of farm sales should not miss the opportunity of gaining the information that may be gotten out of a term at the American College of Auctioneering. Students who formerly attended Colonel Graham's college, at Chillicothe, Mo., have, after going home, sent strong testimonial letters as to what they think of the school and as to what they are doing since they graduated. These letters are produced in the new catalog which will be ready for mailing next week. The catalog gives full information of the work done during the term. If you are interested write today for one, mentioning this paper. "See page 35 for advertisement."

MOSSMAN'S SECOND SALE FOR THE SEASON.

On March 12th Mr. A. L. Mossman sold a small but very choice bunch of Duroc sows and gilts at his farm near Radcliffe, Iowa. Twenty-six head in all were sold, of which Mrs. A. J. Conklin consigned seven. The nineteen head sold by Mr. Mossman averaged \$39.60, which was certainly doing well, as the sale in January took most of the best ones that were to be sold. Mr. H. Heimendinger, of Britt, Iowa, topped the sale by taking No. 1, a litter sister to the top hog in the previous sale, at \$75. Other bids kept company and the details are, viz.: Col. O. L. Mossman and McIlrath sold, Nos. 1 and 21, H. Heimendinger, \$75 and \$70 respectively; Nos. 13 and 22 went to Mr. L. Menifee, Polk City, Iowa, for \$34 and \$24 respectively. Mr. O. L. Mossman secured No. 18 for \$57.50, No. 20 for \$39, No. 2 for \$35, No. 3 for \$29 and No. 14 for \$25. Mr. A. A. Lein, of Roland, Iowa, got No. 9 for \$33, No. 11 for \$33 and No. 10 for \$26. Mr. F. Frederickson, of Conrad, Iowa, took No. 4 for \$29. Mr. Chas. Beerman, of Webster City, paid the following prices: For No. 7, \$35; No. 17, \$26; No. 5, \$51, and No. 8, \$30. Mr. W. C. Bowen, of Garwin, Iowa, got No. 16 for \$52.50.

AN UNUSUAL ANGUS OFFERING AND OPPORTUNITY.

In the auction to be held at South Omaha, May 1st, under the management of Mr. W. C. McGavock, of Springfield, Ill., Mr. W. A. McHenry, of Denison, Iowa, who has bred and exhibited more prize winners than any man in America, consigns ten bulls and seven females, representing the blood of his most famous prize winners. Mr. C. J. Off, of Peoria, Ill., who owns one of the most highly-bred herds in America and who bred and sold the highest-priced bull in the recent International Exposition sale at Chicago, consigns six bulls and six females. Mr. Geo. Kitchen, Jr., of Gower, Mo., who has won many prizes at the best shows within the last few years, consigns three of his show animals. The sale must be attractive from every point of view, and what we now wish to emphasize is the fact that Mr. McGavock desires some ten or fifteen more good females in good breeding condition and in fit form for the auction. Any breeder or breeders having them cannot do better than to place them in this sale, where the entries of these leading breeders will attract buyers for them. Entries, however, must be sent in at once to Mr. McGavock, as he wishes to get the catalog out early in order to do some advertising with it.

HENRY KUPER'S SHORT-HORNS.

Several years ago Mr. Henry Kuper, of Humboldt, Neb., founded a herd of Short-horns, using much care and spending no little amount of money for foundation stock. From time to time Mr. Kuper has added high-class animals to his herd, paying prices well up in the three figures, until today his herd numbers upwards of 100 head. The Scotch sorts have been brought into the herd where they have bred on until today one-half are Scotch and the balance are Scotch-topped on good, reliable American foundations. Cruickshank bulls have been in service for a number of years, one of the greatest of these being that grand breeding bull, Baron Surmise, a Queen of Beauty bull that was got by Baron Chilton 2d by Imp. Salamis. Then follow such Cruickshank sires as Imp. Harvester, Imp. Goldstick, Orange Lad and others. Baron Surmise did service in Mr. Kuper's herd for about five years and left a line of daughters such as are the delight of every lover of good Short-horns. Before parting with Baron Surmise Mr. Kuper secured the Duchess of Gloster bull, Secret Champion, bred by Messrs. Owens Bros., and got by Baron Secret and out of Champion Duchess by Champion, he by Favorite of Maple Hill by Home Secret. His second dam, 60th Duchess of Gloster, was got by Imp. Chief Baron, a great show and breeding bull of Cruickshank's Clipper tribe. His third dam, Imp. 33d Duchess of Gloster, was got by Gondolier. Then follow a straight line of Duchess of Gloster cows got by such Cruickshank bulls as Chancellor Barmpton Prince, Grand Duke of Gloster and Champion of England. Secret Champion is a grand, good individual, one of the easy feeding kind, thick from end to end, and a bull with plenty of quality. He has now been in service in Mr. Kuper's herd for a year and his get show much promise. Mr. Kuper has each year made a sale and on May 28th of this year he will offer the best lot that have ever left his farm. The Scotch sorts will be drawn on freely. There will be a fine lot of daughters of Baron Surmise included, and those that do not have calves at foot will be well along in calf to Secret Champion. Mr. Kuper has helped the cause

of the Short-horn in Nebraska by taking inside her horders a class of cattle that never would have been there but for the push and energy of just such men as he. Those who are in the market for something extra should arrange to attend his sale in May. Watch these columns for future announcements.

FACTS ABOUT THE "ILLINOIS."

The Illinois Dairy Separator is built in five sizes for farm use and each size may be used for hand or power as desired. The change from hand to power can be made instantly. The Illinois is equipped with the famous turbine disk bowl made of heavy steel forgings, plain inside, no holes or crevices. Its makers claim for the Illinois the utmost strength and durability. It is easy running, a clean skimmer and the capacity is greater than rated. Among the many points of superiority over the old style separators is the patent safety grip clutch, which assists the operator in starting the machine, while the gears on the machine cease turning, all the gears on the machine cease to revolve and the bowl only continues to revolve until the momentum dies down. This is a great saving on the gears, pinions, shafting, etc. The worm wheel and worm run in a continual bath of oil. The work parts of the Illinois are steel forged and extra heavy. The American Hardware Mfg. Co. also manufacture the College Babcock Tester for testing milk and cream; the improved American Screen Door Wheel Catch and the American Shiner, the latter being the only shiner that can be successfully manipulated with one hand. The American Hardware Mfg. Co., of Ottawa, Ill., are manufacturers of the Illinois Dairy Separator, illustrated on page 8. Mention The Homestead when writing them for descriptive material.

TRUMANS' HORSE SALES.

The manager of Trumans' Pioneer Stud Farm, of Bushnell, Ill., writes of the unprecedented number of sales which they have been making, viz.: "Notwithstanding the fact that we had our sale of thirty imported Shire and Percheron stallions advertised which took place at our stables in Kansas City, on Wednesday, March 27th, our sales here at Bushnell have been really better than we had anticipated under the circumstances. Our trade has been better for the month of March than at any time in the history of our twenty-nine years in the importing business. Among our recent sales of imported stallions are, Shire stallion to Cloverdale Shire Horse Company, Titusville, Pa.; Shire stallion to Mr. C. L. Waltz, Spaulding, Iowa; Shire stallion to the Burlington Truman Horse Company, Burlington, Ill.; Hackney stallion to Mr. William J. Mitchell, Lahele, Mo.; Shire mares to Mr. Charles Cappel, Logansport, Ind.; Shire stallion to Ripley Shire Horse Company, Ripley, N. Y.; Shire stallion to Mr. C. E. McPherson, Fairfield, Iowa; Hackney stallion to Mr. Charles Cappel, Logansport, Ind.; Shire stallion to Mr. C. C. Featherby, Yarmouth, Iowa; Shire stallion to Claypool Shire Horse Company, Claypool, Ind.; Shire stallion to Mr. W. S. Root, Sparland, Ill.; Shire stallion to Mr. George L. Levitt, Wilson, Kan., and in addition Mr. Levitt purchased an imported Percheron and imported Shire stallion at our sale last week; Hackney stallion to Mr. W. P. Blackford, Hillsboro, Iowa; Shire stallion to Mr. Robert Mason, Mt. Union, Iowa; Shire stallion to Mr. C. J. Winters, Washington, Iowa; Shire stallion to Berlin Draft Horse Company, Berlin, Iowa; Shire stallion to Mr. H. D. Butterbrodt, Tipton, Iowa; Shire stallion to Mr. Fred Holthy and Mr. Grant Bates, Collins, Iowa; Shire stallion to Deloraine Breeders' Association, Deloraine, Man.; Shire stallion to Dale Bros., Manlius, Ill.; and Shire stallion to Stewart, Sunkel & Collier Co., Paris, Ill. Other sales are, Shire stallion to the Terre Haute Shire Horse Company, Terre Haute, Ill.; Percheron stallion and mare to Mr. N. E. Burton, Port Stanley, Ontario; Shire stallion to Messrs. Perry, Rutherford and Ireland, Deloraine, Manitoba; Percheron stallion and mare to Mr. Jno. Barnes, St.

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section. The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family. The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting. The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm. The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors. If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date .....190..

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name .....

Postoffice .....

Rural Route ..... State .....

Thomas, Ontario, and Percheron stallion to Hamilton Percheron Horse Company, Hamilton, Kan." See page 38. There are more of them.

GROWING HIGH-PRICED WOOL.

It has been proven by experimental station investigation that dipping adds elasticity to the wool; gives it a fluffy appearance; makes it brighter; gives it a better feel and improves it to such an extent that it will grade considerably higher than where the dipping process has not been followed. The increase in price can be counted as clear profit, for the improvement in your sheep will be more than enough to pay the cost of the dip and the trouble of dipping. If you will get a can of Dipolene in the spring of the year and thoroughly disinfect

your farm buildings, hog pens, sheds, etc., every two or three weeks, you will have the best insurance possible against all animal diseases that are liable to break out after the winter season, during which time germs have been deposited and laid dormant awaiting the opening of the weather to develop their activity. It is a case of where "a stitch in times saves nine" and "an ounce of prevention is worth many pounds of cure." On page 4 you will find an advertisement of one of the best dips on the market—Dipolene—which is manufactured by the Marshall Oil Company, of Marshalltown, Iowa. It is sold on one of the most liberal plans that an article could be offered. Just turn to their advertisement and read their thirty days' trial offer. They don't even ask you to pay a cent in advance, and are willing to bear the expense of freight charges (if your dealer does not carry it) both ways, in case it does not prove satisfactory. Ask for their "Budget of Letters" or booklet and kindly mention The Homestead when you write.

LAST CALL FOR THE COMBINATION SALE OF SHORT-HORN CATTLE AT NEVADA, IOWA, APRIL 11TH.

Homestead readers are directed to the advertisement on page 34 of choice selected Short-horns to be sold at Nevada, Iowa, fair grounds, on April 11th, under the sale management of Mr. E. R. Silliman, of Colo, Iowa. Mr. Silliman is an energetic breeder of Short-horns and is one of the county supervisors of Story county, and contributes eleven head of Short-horns to this sale, principally of the Oxford Duchess family. The other contributors are Messrs. A. J. Graves & Son, of Ames; S. S. Kooser, of Ames; C. E. Klump, of Nevada; Kilwinning & Shaw and Pat Mulcahy, of Colo, Iowa. While it is true that there are no straight Scotch cattle offered in this sale, it does not remove the fact that they are a practical and useful lot. They are all breeding cattle and are guaranteed breeders; in fact when this sale was decided upon it was mutually agreed that no animal would be listed in the sale for which any apology need be offered in any way. The reason of the combination sale is simply this, that none of these breeders possess very large herds, and neither one of them felt like making a public offering and reducing his herd to that extent necessary for this purpose, and for the sake of establishing Nevada as headquarters for Short-horns, these breeders have united in making this their third annual sale the most attractive in their history. None of these breeders are retiring from the business by any means, as they have found it profitable and pleasant. They simply ask a share of the patronage of prospective purchasers who want good business cattle at modest prices. We might add that at the head of each of these herds from which these consignments are made stand choice Scotch bulls. At the head of Mr. Silliman's herd is Claverburn's Ideal, a son of Coming Star and Imp. Petunia 2d. This is one of the best Scotch bulls in Iowa. Mr. Silliman's other herd bulls is Baron Foxglove, a son of Imp. Fancy's Pride and out of Cherry Grove Foxglove by Baron Barmpton. This last named bull is a Cruickshank Brawith

PORTER'S NEW MEADOW KING HAY CARRIER.



The accompanying illustration represents Porter's new "Meadow King" hay carrier. This carrier differs widely in many respects from other machines of this class. The most prominent of these new features is the manner in which the fork pulley is caught and held by the supporting dogs. In this carrier the dogs catch and hold the sheave or wheel of the fork pulley, thereby allowing the greatest range of adjustment with absolutely no friction on the supporting dogs, as the adjustment is obtained by the swinging of the pulley frame on the axle, while the sheave is perfectly motionless when in the carrier. The locking device is a positive force drop and will work perfectly with the turn-table of the carrier in any position. The carrier can be reversed either by pulling the rope through the carrier or by swiveling the turn-table according to preference of operator. Material used in construction is the best malleable iron and steel. The axles are seven-eighths inch turned steel, the rope sheaves have steel bushings and the fork pulley sheave, as well as its frame, is malleable, and is protected from wear by a heavy steel bushing. In producing this new machine it has been the aim of the manufacturer to "go the limit" as regards beauty of design, good material and construction. The J. E. Porter Company, of Ottawa, Ill., will be pleased to mail free complete catalog showing in detail the many new inventions recently placed on the market by them. See advertisement on page 21 of this issue.



## Public Sale of

# SHORT-HORN CATTLE

TO BE SOLD ON

## Thursday, April 11, 1907,

At the Fair Ground at

### NEVADA, : : IOWA

40

The undersigned will sell on April 11th,  
40 head well selected Short-horn Cattle

40

## :: AS FOLLOWS ::

E. R. Silliman, of Colo, Iowa, sells 11 head of females, 7 being the Oxford Duchess family. A. J. Graves & Son sell 11 head, 7 cows and 4 bulls. C. E. Klump sells 10 head, 7 cows and 3 bulls. Wilkening & Shaw sell 4 bulls. S. S. Kooser sells one cow and calf, and Patrick Mulcahy sells 2 bulls. This will undoubtedly be an opportunity to buy some good Short-horn cattle cheap. All of the above breeders are residents of Marshall and Story counties and have placed these cattle in the hands of Mr. Silliman, of Colo, Iowa, who will act as sale manager. Al P. Mason, auctioneer. In writing E. R. Silliman for catalogs, kindly mention The Homestead.

Bud. At the head of the Graves herd for some years has stood Imp. Charmer, a Miss Ramsden bull sired by Evening's Pride and he by Village Pride. We speak of these bulls and their superior breeding in order that the public may know that the choicest Scotch blood has been maintained at the head of these herds and that these females offered are bred to bulls of this character. Mr. E. R. Silliman, of Colo, Iowa, is the sale manager and will take pleasure in forwarding catalogs and furnishing any and all information that may be requested of him by Homestead readers. Col. Al P. Mason, of Union, Iowa, is auctioneer. This date should not be omitted, as it is an ideal one, coming just at the time when cattle are ready to go on the grass and be released from their winter's quarters. The Homestead predicts that this will be a good place to buy some good, useful cattle at very modest prices.

### CRICKSHANK SHORT-HORNS

Homestead readers for some twenty years at least have known through these columns of Mr. M. D. Yard, of Crawfordville, Iowa, and his Short-horn cattle. About nineteen years ago Mr. Yard added to his contingent some of the best Cruickshank and Scotch females from the then prominent of Messrs. Wm. Cummings & Sons, of Buda, Ill. This was at the time when Royal Duke of Pleasant Ridge headed the Cummings herd. Brawth Bud and Wimple were the families secured, and from them Mr. Yard propagated the present large herd of Scotch cattle. Besides those on hand he has sold large numbers at both public and private sale. He now has more than seventy-five Short-horns on hand and wishes to sell about a carload of cows and heifers and a few young bulls. One splendid young bull is Fairview Bud Royal 259037, he by Lavender Royal and out of a Cruickshank Brawth Bud cow. This bull has been used on some of the best cows and is all right in every way. He is a solid red, of good length, is very deep and possesses a splendid bull's head chock full of breed character. His other herd bull is Wimple's Royal 241400 by Lavender Royal and out of old Wimple 25th by Royal Duke of Pleasant Ridge. This is a splendid red bull, four years old, that Mr. Yard would like to exchange for another Scotch bull of equal value. It will take an extra good bull to interest Mr. Yard in an exchange. He has a splendid red yearling bull to sell, out of Geurostly 3d by Wimple's Royal. This is a Brawth Bud bull and a good one. He will be sold worth the money. He has two good farmer bulls, Scotch topped. See his card on page 36.

### ANDREW COUNTY SHORT-HORN BREEDERS SELL AT SAVANNAH, MO., ON APRIL 12TH.

The breeders of Short-horn cattle in Andrew county, Missouri, have organized a county association in order that they might better promote their breeding interests, and will hold annual sales in order to dispose of their surplus stock. On Friday, April 12th, the first of these sales will be held, and Mr. H. R. Coffey, secretary of the association, will manage the sale. The contributors are Messrs. R. A. Coffey & Son, Savannah, Mo.; J. H. Beattie, Savannah, Mo.; P. W. Hoshor, Savannah, Mo.; Chas. Sweet, Filmore, Mo.; Andrew Johns, Rosendale, Mo.; J. W. Zimmerman, Savannah, Mo.; Sanford Johns, Rea, Mo.; and Chris. Seigfried, Savannah, Mo. In all twenty-six females and seventeen bulls are listed for the sale. The cattle are all good, useful animals, regular breeders and sell as such, as these gentlemen are determined to make these annual sales a go. The breeding of the cattle listed shows quite a variety with the good, reliable Scotch-topped sorts in the lead. Mr. P. W. Hoshor sells ten head, all young Marys topped out with good Scotch blood. They are all females and are granddaughters of such bulls as Imp. Chief Steward, Scotchman, Grand Victor 3d, Velvet Prince and Imp. Aylesbury Duke. Three are yearling heifers; the remainder are cows well along in calf. They are cows that are money makers from the word go and should be looked after sale day. Mr. J. W. Zimmerman also sells ten head, three bulls and seven females. They are all but one granddaughters and grandsons of Violet's Galahad, a son of old Galahad, and Combination 2d, a Belows-bred bull that was got by Scotchman. The one not by these bulls is a Young Mary that was got by a son of Kirklevington Duke of Hurst 11th. Some mau hunting a straight Dates should watch this three-year-old cow. Messrs. R. A. Coffey & Son sell four bulls and two females. Heading their bull offering is their Scotch herd bull, Cashier. He is a good roan, six years old and a breeding bull, as is shown by the many daughters Messrs. Coffey & Son are keeping and his get that go in the sale. In breeding

form Cashier weighs right at 2,200 pounds and is an impressive individual. He is of Cruickshank's Violet tribe and was got by Victoria Chief 2d. His dam, Violet's Valentine 10th, was got by Imp. Burgomaster, he by the great Dunblane by Roan Gauntlet. Violet's Valentine, his grandam, was got by Imp. Baron Victor and was out of Imp. Violet's Bud. Cashier should please some man hunting a proven sire. He will have two sons and a daughter in the sale and all are good. Mr. J. H. Beattie sells three cows and three bulls representing some of the most valuable American-bred sorts topped off with good Scotch sires. Mr. Andrew Johns sells four young cows and a coming yearling bull. The cows are just coming of serviceable ages and buyers should look after these. Mr. Johns has used good foundation stock and his cattle give returns wherever they go. Messrs. Sanford Johns, Chas. Sweet and Chas. Seigfried complete the list of consignors and each sells animals that should be appreciated. The last announcement of the sale will be found on page 39. Breeders, as well as farmers, should attend this sale and encourage the efforts these gentlemen are making to push their favorite breed. There is still time to get a catalog and if you have not received one write to Mr. H. R. Coffey at once and kindly mention this paper when doing so.

### RHEA BROS.' PERCHERONS.

One of the good horse firms that has rapidly come to the front in the West is Messrs. Rhea Bros., of Arlington, Neb. The boys have been conspicuous winners at the Nebraska State Fair the past few years and they carry a line of horses that the people seem to want. They have a grand lot of home-bred horses on hand, besides a few imported stallions. They are now offering their splendid four-year-old gray stallion, Carlo, the first-prize stallion at the Nebraska State Fair and also at the Interstate Fair at Sioux City, and he is a good one. He will weigh 2,100 pounds and is in only good breeding condition. They are also offering Frueen for sale, their second-prize stallion at these same fairs. He is coming five years and will weigh 2,150 pounds. Aigton, a coming four-year-old, and third-prize horse at the Interstate Fair, is also offered for sale. They have about fifteen head of aged stallions on hand, thirty extra good two-year-olds and twenty-five coming yearlings. These two-year-olds are a splendid lot. They are all home-bred horses and have been selected with care by Messrs. Rhea Bros. They are a very growthy lot and have a wonderful lot of bone. In fact they have been selected with these objects in view and they will make splendid stallions. Messrs. Rhea Bros. have a couple of good imported horses left that they will price very reasonable. They also have about a dozen good mares on hand and they will price any one of these or will mate them up in pairs. The boys buy and sell their own horses and they handle them on the farm. There is no middlemen's profit in their business and the buyer gets the benefit. They say for us to tell Homestead readers that they will make the prices within reach of all, and to come and see what they have to sell. Arlington is twenty-five miles northwest of Omaha on the C. & N. W. railroad, and they will meet customers if notified beforehand.

### HARDING'S SHORT-HORN SALE—LAST CALL.

The breeder of Short-horns or the farmer who contemplates building up a herd of Short-horns should plan to be present at the fifth annual sale of Mr. F. W. Harding, at Waukesha, Wis., on Wednesday, April 10th. The offerings from this herd during recent years have claimed the attention and presence of probably more Short-horn breeders than any others in this country. The cattle selected for these sales have always been of the very best breeding and have always included many individuals with show-yard honors and others which have won prizes for their new owners. With each succeeding year the offerings have improved, and it is to Mr. Harding's credit that the offering of this year is far superior to those of previous years. With the exception of four head the entire female consignment are safe in calf and a number have calves at foot. The bull consignment is especially strong. Never in the history of Anoka herd has such a lot of bulls been included in one sale. They are from the best sires ever used in Anoka herd and their dams are high-class cows that rank with the best anywhere. The breeder of Short-horns who wants a show bull sired by a show bull with a great pedigree will find in this lot bulls which will please him in every way. The bull offering, unlike that of many sales, is equally as strong as the female. All plain ones have been excluded from the offering. We wish first to call at-

25

### Beau Donald Bulls

Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cudihall, Archibald and Hesled cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once.

A. SPOONER,

MONDAMIN, IA.

tention to Sultan Commander. The opportunity is seldom given breeders to buy such a bull as this one at auction. He was got by Whitehall Sultan and his dam was one of the best producing cows ever owned at Anoka. In point of conformation Sultan Commander closely resembles his noted sire. He is deep and thick, very mellow with straight lines and is very nicely covered over crops and evenly fleshed. Sultan Commander is very smooth over the tail and has the fullness and depth of quarter which predominate in the get of Whitehall Sultan. This bull should suit the most discriminating buyers. He combines the blood lines of some of the most noted families of the breed, and such outstanding merit as he possesses should leave no doubt in the mind of any breeder as to his qualifications as a herd bull. In City Marshall Mr. Harding offers one of the best sons of Whitehall Marshall that he ever bred. His dam is Imp. Daffodil 17th, a grand good cow. City Marshall sets close to the ground on good legs, is deep, wide, with an extra spring of rib. City Marshall is very good in heart and in many ways has the strong characteristics of his sire, notably so in the distribution of flesh over back and depth and fullness of quarter. Mr. Harding has always found ready sale for bulls by Whitehall Marshall, but wished to make this the best he has yet offered the public and reserved the best for this occasion. Any breeder can use City Marshall to good advantage if in need of a herd bull and he assured of good results. The Goods is another of the attractions of the sale. He was sired by Whitehall Sultan and his dam, Rose Pearl, is one of the famous Pearllette family which have done much good in the Forbes herd. The Goods was a year old March 26th, is of good size and is particularly strong in top line and carries a good, even width. This bull will no doubt be heard from in the fall shows should he go into good hands. He is deserving of close inspection and will do to head some good herd. The Scotchman is a son of Whitehall Marshall out of a Queen of Scots cow, another of the best producing families of the breed. He is a low-down, well-quartered fellow, with an excellent top and bottom line and a splendid individual all over. He is a very stylish bull and good enough to head some good herd. Gloster King is a son of Whitehall King, a bull which has been used with much success in this herd. His dam belongs to the celebrated Duchess of Gloster family. Gloster King is a thick, deep, sappy bull and will attract the attention of the man who is in the market for an extra good young bull to show the coming season. Another son of Whitehall King is Rob Roys King. This bull will be just a year old sale day. His dam is an exceptionally good cow and this calf is among the best in the offering. An imported bull is also included in this sale. He is one of the best-bred bulls that will go through a sale ring this year. He is a deep, thick animal and will make a valuable herd bull. Again we wish to emphasize the fact that the entire offering is superior to that of any previous year. The catalog will be sent to anyone interested in good Short-horns who will write as per the advertisement on page 39 of this issue. There is not a better-bred herd in America, and if any of our readers are in need of good Short-horns that will make a reputation for them it will certainly pay them to be present on Wednesday, April 10th. Kindly mention The Homestead when writing.

### THE DISPERSION SALE OF BOTHWELL'S CLOVER BLOSSOM SHORTHORNS.

The announcement of the dispersion of the Clover Blossom herd of Short-horns owned by Mr. Geo. Bothwell, of Nettleton, Mo., on Monday, April 22d, should prove interesting to all lovers of the Short-horn who are in the market for Cruickshank, Scotch or Scotch-topped American-bred sorts, the kind that produced winners such as the great Nonpareil of Clover Blossom that was champion in 1900 and 1901. In dispersing this herd Mr. Bothwell gives the public an opportunity such as is seldom equaled, as there are imported cows in the sale that have been held regardless of price. They are not old, worn-out cows, but on the contrary are just in their prime and each sells with calf at foot, besides having yearling and two-year-old daughters in the sale. Then there will be a fine lot of Scotch stuff and the man who wants the most reliable Scotch-topped sorts will find in Mr. Bothwell's sale stock

that will please the most critical buyers. Mr. Bothwell's Rose of Sharon, Princess and Goodness tribes are the kind that have produced a goodly part of the show stock on which he won so many prizes during 1900 and 1901. These American-bred sorts have been topped off with as great Cruickshank sires as the breed has ever known, namely, Imp. Nonpareil Victor and Grand Victor, both having sired many champion winners. Few offerings have ever been made where so many cows sell with calves at foot. Among these the writer recently saw show material that is of the right age and all that is necessary is for the buyer to finish. It will be an opportunity seldom equaled to buy show material at foot. The followers of heavy milking Short-horns should not overlook the event, as there are cows of the dual-purpose character in the sale that will hold their own with any of the special dairy breeds. In succeeding issues we will have more to say of the female section of the offering, as they are the kind that appeal to the true Short-horn man. The hull end of the offering will be light in numbers, but long in quality. Mr. Bothwell's bulls have been such ready sellers that only ten old enough to wean are now on the farm. One-half of these are Cruickshank and Scotch; the balance are from those reliable Scotch-topped cows that have helped make the Clover Blossom herd. Heading the bull offering is the Lavender herd bull, Golden Lavender, that was got by Grand Victor, conceded one of the greatest Short-horn bulls of his day. Golden Lavender's dam, Imp. Sittytan Lavender 6th (one of the greatest cows ever owned at Clover Blossom farm), was got by the great Pride of Morning, he by Star of Morning, that in 1893 won a great number of Short-horn prizes for best bull in Scotland and the Duke of York's medal for the best Short-horn animal. Then follow a straight line of Lavender cows got by such sires as Dunblane by Roan Gauntlet, Pride of the Isles, Count Blicherstille, etc. Golden Lavender is a fine red, a bull of much substance, level to setting on of tail, thick through the heart and lower flank and is exceptionally well quartered. Over crops and loin he is good and he is set on four good, sound legs of the proper length and well set under the carcass. His head impresses one of his ability to sire the kind that, like himself, grow out good and are easy feeders. Some appreciative Short-horn breeder who wants a proven sire that is bred right and breeds right should stick a pin here and go after him sale day. Lavender Stamp, a yearling past, will be found a good, thick, sappy fellow, well quartered, a level-topped fellow, with a good head and horn. He was got by Golden Lavender and out of Clover Blossom Wimple, a daughter of Imp. Nonpareil Victor and Imp. Winnifred 4th by Scottish Archer, a Cruickshank-bred bull that traces through Cumberland to Pride of the Isles. Imp. Winnifred 4th's dam, Winnifred 2d, was by Gravesend. A better-bred bull would be hard to find and he should go to some good herd where a bull of scale and quality is needed. Lavender's Favorite, a nine-months-old son of Golden Lavender, will be found a desirable fellow and will please some man hunting for a lot of quality in an exceptionally well-balanced bull. His dam, Maid of Honor, was got by Grand Victor and out of Imp. Winnifred 4th, grandam of Lavender Stamp referred to above. The greatest young bull in the sale sells with his dam, Clover Blossom Wimple, a daughter of Imp. Nonpareil Victor and Imp. Winnifred 4th. He also is by Golden Lavender. The man hunting herd bull and show material should buy this fellow and his dam. A very promising nine-months-old bull will be offered in the Victoria got by Nonpareil Conqueror, a son of Imp. Nonpareil Victor. He is out of 25th Lynwood Victoria, a Harris-bred cow. Among the Scotch-topped sorts is a roan Lavender King 2d got by Golden Lavender and out of Crystal Ruby 2d. This is a thick fellow, especially good over back, through the heart and is well quartered. Another by the same sire and out of Sharon Bloom 7th will please some man who wants a bull from a heavy-milking dam. In next week's issue the female section of the offering will be dealt with and in the meantime we urge all our readers who are interested in high-class Short-horns to write Mr. Bothwell for catalog, addressing him as per advertisement on page 39. Kindly mention this paper when writing.



April 4, 1907.]

## JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER &amp; SMITH,

BEATRICE, NEB.

## POLAND CHINA HOGS.

## POLAND CHINA BOARS

**45** Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY &amp; SON,

DEFIANCE, IOWA.

## Willowdale Herd.

Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,

Maynard - - - Iowa

**WILCOX HAS BRED SOWS FOR SALE.**

Mr. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. I.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. C. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

**80** HEAD in herd. Irwin 8253, an international prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at low prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

OTHO BOYD, Virginia, Neb.

Joseph Keitel, John Schrotberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Keitel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

**RED POLLED CATTLE FOR SALE.** Both sexes, at reasonable prices, Frank L. Pim, Lucas, Iowa.

## LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine. F. Rabeler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Oak Lodge Minnetel St 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock utokatin. Now booking orders. Write us at once.

When writing to advertisers please mention this paper.

## Beau Donald Bulls for Sale.

On page 34 of this week's Homestead will be found the advertisement of Mr. A. Spooner, of Mondamin, Iowa, one of the well-known breeders of Hereford cattle. He is offering a bunch of twenty-five head of yearling and two-year-old bulls for sale, mostly sired by his Beau Donald bull, Beau Donald 12th 90957, one of the greatest living sons of that noted old sire. These bulls will range in age from yearlings to two-year-olds, are good, strong fellows, and there are many herd headers among the bunch. These are out of dams by such noted sires as Wild Tom, formerly at the head of the noted Sunny Slope herd; Cadillac, a son of old Corrector; Stone Mason 6th, and other well-known bulls. One of the best bulls that they offer for sale is Max, a son of Beau Donald 12th and out of Violet, one of his very best cows, and he is good enough to go out and head any good herd. Mr. Spooner has a few younger bulls sired by Beau Brighton, a grandson of Beau Brummel, and one of his herd bulls. He can easily fill a car load order or he can sell them singly. This Beau Donald 12th bull is one of the best living sons of old Beau Donald, and a bull sired by him will always be in demand. If any of our readers want a good Hereford bull it will pay them to write or go and see Mr. A. Spooner, of Mondamin, Iowa. Kindly mention The Homestead when writing.

## 50 Poland China

BRED SOWS.

Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93231, Chief Perfection 1st 48029 and Challenger 81223, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, Lanark, Ill.  
On C. M. & St. P. R. R., 120 miles west of Chicago, 20 miles east of the river.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Michael Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.

M. G. Arnold, Strawberry Point, Iowa

## LET US BOOK YOUR ORDER

FOR a Poland China boar pig, sired by the prize winning L's Sunshine and other good boars, to be delivered in August. See us at the fairs this fall.

A. C. Lanham, Battle Creek, Ida Co., Iowa

## POLLED DURHAM CATTLE.

## DOUBLE STANDARD

## Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER &amp; DEUKER, Kalona and Wellman, Iowa.

## F. A. MURRAY, MAZON, ILL.

Breeds POLLED DURHAMS. STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

## Double Standard Polled Durhams.

FOR SALE—Two extra fine coming two-year-old heifers, unbred. Good colors and choice breeding. Have rented my farm and must sell. \$80.00 each if taken at once. Address,

W. E. LOUGHARY, PACKWOOD, IA.

## HEREFORD CATTLE.

## WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

## ...HEREFORDS...

**40** YEALING bulls, also cows and heifers. Must be sold to make room. No better at any price; you can get bargains here. Also young Percheron stallion for sale. Address,

Itush Park Stock Farm, Independence, Ia.

## Breezy Park Herefords

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me,

H. C. CUNNINGHAM, WESTON, MO.

## HAVING SOLD MY FARM

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

## Table Backed Herefords

FOR SALE—20 two-year-old-beifers, bred; 30 bulls, ages from 10 months to 28 months; 19 two-year-old bulls at Laramie, Wyo. Prices low; try me.

W. W. WHEELER, Harlan, Iowa

## 40 Choice Hereford Bulls

## 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners.

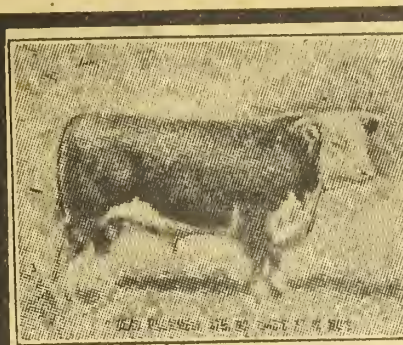
EDMONDS, SHADE &amp; CO., Kingsley, Iowa

## MAPLE LAWN HEREFORDS

FOR sale, (Imp.) 1444 145738, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals.

A. F. HAGER, AVOCA, IOWA.

## HEREFORD CATTLE.



BEAU BRUMMEL.

## 8 Young Bulls for Sale

from 6 to 14 months old, sired by

## BEAU BRUMMEL 4TH

Also a few cows and yearling heifers for sale. Popular prices for high-class stock. Address

G. W. WAY &amp; SON,

New Sharon, - - - Iowa

Call at Way's Hardware Store for free conveyance to the farm.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago &amp; North-Western Railroad.

John Secor, - Mechanicsville, Iowa

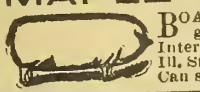
## CHESTER WHITE HOGS.



## SOLD OUT BUT STILL IN THE BUSINESS

OF breeding Chester White hogs. Our best large matured sows will farrow in Mar., and am booking orders for these pigs to be shipped when 3 months old. I will pay express and ship these pigs C. O. D. If you want something good you will get it by placing your order now. J. FISHER, EASTMAN, WISCONSIN.

## MAPLE GROVE CHESTER WHITES.



BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Near, R. R. No. 1, Neponset, Illinois.

## EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

—Write for descriptive catalog.

W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA

## Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other hogs used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent Klug, Kelsner and Perfection.

FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

## Chester White Spring Pigs All Sold.

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop.

MAPLE LAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

## IMPROVED CHESTER WHITE SWINE.

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 16223, a grandson of Luverne King 12757, heads the herd. Address,

John H. Krehbiel, Donnellson, Iowa

## HUMBERT &amp; WHITE'S

## "Combination" Chester Whites

THE premier herd at the Iowa and Illinois state fairs where we won three championships out of four, and most of the best prizes awarded. Most of our winnings the past three years have been on the get of the many times sweepstakes winner COMBINATION. Write us for a Combination pig and get the quality that wins. Address,

F. P. WHITE, New Hampton, Iowa

F. D. HUMBERT, Nashua, Iowa.

## White Oak Herd of Recorded Chester Whites

A FEW tried sows and select gilts for sale. Bred and safe to ship for March and April farrow. Write, phone or come and see them.

J. W. TROY &amp; BROS., Iowa

Rose Hill, Muhnska Co.,

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## JACKS.

## FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



## DeClow's Got 'em

The Largest and Best

## JACKS

IN THE WORLD

And the largest number to select from and at the lowest prices.

Please write for photographs of stock.

## CEDAR RAPIDS JACK FARM,

Cedar Rapids, Iowa

## Jacks for Sale.

25 Black Jacks

FROM 1 to 6 years old, as good as are bred. I make a specialty of size, heads, ears, bone, foot and constitution. Write or come at once.

G. M. SCOTT, Rt. 2, REA, MO.



## KENTUCKY BRED

## 75 Kentucky Bred and

## Imported Jacks For Sale.

We have more good jacks than any two firms in the United States. Come and see or write for catalog. Mention this paper.

J. F. COOK &amp; CO., Lexington, Kentucky.

Or Branch Barn, Newton, Kansas.



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#### Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

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#### Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 330, residence, 312.



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LIVE stock auctioneer. Maryville, Mo. Sales of pure-bred stock of all breeds a specialty.

## C. C. KEIL, LADORA, IA.,

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FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

## J. P. SPEARMAN, PAPILLION, NEB.

### LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

## F. H. JACKSON, Rutland, Ill.

### LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

## C. E. LUTHER,

### GRAND JUNCTION, IOWA.

#### LIVE STOCK AUCTIONEER.

Sales in six states. Terms reasonable.

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### Livestock Auctioneer, Mason City, Iowa.

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Work satisfactory. Prices reasonable.

## ABERDEEN ANGUS CATTLE.

## 10 Aberdeen Angus

### BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prizes, Queen Mothers, Heather Blooms, Rothernie Queens, etc. Address.

## John E. Griffith,

### WASHINGTON, IOWA.

(Mention Homestead.)

## WHEATLEY AND WARD'S

### ANGUS CATTLE

#### Bulls For Sale

GOT by Maplehurst Proteros 47351, Hale Lad 24 42497 and Gardner's Pearl Rosegay 52837 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

## WHEATLEY & WARD,

### King City, Missouri

## Paradise Stock Farm's

### ANGUS BULLS

PRIDE'S Allion 511, 53114, my double Pride herd bull is offered as I retain so many of his heifers. Also a number of young bulls, several by him. Would also price females right. Write me.

## W. F. Eckles, - Green City, Mo.

## Allendale Daddies

WE have a fine "Queen Mother" bull, three years old, that we will sell also a number of Favorites, Prizes, etc., sired by "Proud Blackcap" and bidding fair to be his equal. If in need of bulls or cows, it will pay you to investigate. When writing mention The Homestead.

## R. F. D. No. 1, ALLEN BROS., NEW SHARON, IOWA.

## H. A. Eveland & Son, Jamaica, Guthrie County, Ia.

### Young Angus Bulls and Females.

HERD headed by Patriot Boy 71682 by Proteros 36980. We have a number of young bulls 9 to 16 months old, none a show yearling. Also some cows and heifers of leading families. Farm seven miles from town. Call or write.

## PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Allthore of Glendale 24275, a prize-winner and sire of prize winners.

## J. Nissen, Meservey, Cerro Gordo Co., Iowa

ABERDEEN-ANGUS bulls for sale, of the fashionable families. Queen Mother, Erica and Drumm Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42083 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbours, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 21. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, JAMES WILSON & SONS, AVOCA, IOWA

## SHORT-HORN CATTLE.

## SPRING BULL BARGAINS

7 SCOTCH AND SCOTCH-TOPPED Short-horn bulls for sale at modest prices, any of which would make a valuable herd header for anyone engaged in the cattle business. Some are by Goltman, some by Melba's Victor, one by Viola's Prince. Among the Scotch bulls is one red show bull, 14 months old, by Goltman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford. Address,

## A. L. STUTZMAN,

NEW SHARON,

IOWA

Mentioning The Homestead.

## 9 Cruickshank

## Short-horn Bulls

For Sale

## S. H. THOMPSON'S SONS,

### IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysle, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

## Scotch and Scotch-Topped

### HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

## W. H. SCHAFER,

### KEENSBURG, - ILL.

## Bulls For Sale

THE Iowa State College is offering for sale one good Short-horn herd bull coming three years old; five Short-horn bulls coming one year old; three yearling Ited Polled bulls and one Holstein coming one year old. All of good breeding, good individuals and at reasonable prices. Address,

Iowa State College, Division of Agriculture, AMES, - IOWA.

## Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopeful Knight. Bulls for sale at all times.

## G. H. BURGE, - MT. VERNON, IOWA.

## CHOICE SHORT-HORN CATTLE

### FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - Newton, Iowa

## 4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them.

## C. W. DAWES & SON, - Harlan, Iowa

BEAVER CREEK SHORT-HORNS. SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

## N. A. LIND, - Rolfe, Iowa

## FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,

## M. D. YARD, - Crawfordsville, Iowa

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class C and 1st in Ia. Cham. Ia. State fair, '06 heads herd. Herd heads Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

C. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Ringmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 18123f heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

## BACH GROVE STOCK FARM.

### F. M. ZENOR, WOOLSTOCK, IOWA

— Breeder of Short-Horn Cattle. — Families represented: Princess Royal, Duchess of Gloster, Mysle, Roan Bess, Lavender, Orange Lass, Nellie Bly and Pure Bates Cattle. Phone No. 804.

## QUEEN MILLS HERD SHORT-HORNS.

HAMPTON'S COUNSELOR 264533. ONE of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address,

## G. H. WHITE, - EMERSON, IOWA

## SHORT-HORN BULLS-POLAND CHINA

SOWS-EGGS—Two young red Scotch Topped bulls ready for service, also three heifers. Sows bred to Hustle On, Perf. Spellbinder and an Impudene boar for April and May farrow. Eggs \$1 per sitting from S. L. Wyandottes and S. C. B. Leghorns. Write or visit. Fred Ebendorf, Strawberry Point, Iowa.

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa, Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## HUGHESDALE

### REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## ARDMORE SHORT-HORNS.

## 10 Scotch and Scotch- 10

### Topped Bulls For Sale

Sired by Imp. Scottish Pride 12343 and Imp. Lord Mount Stephen 206904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

## ARDMORE STOCK CO., - Iowa

## MALAKA SHORT-HORNS.

## Five Bulls Ready For Service.

FOUR Scotch, two reds and two roans, one Scotch-topped red; also a choice lot of Scotch and Scotch-topped heifers at reasonable prices. Write me.

## H. D. PARSONS,

### Newton and Baxter, Iowa

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

## JONES CO. HERD OF

### Short-horn Cattle

Wampum of Way-side 243046. We have one red roan bull, two years old in Jan. for sale. He will make a good bull for someone. Write for prices and descriptions. Address, G. P. Tyrrell & Son, Props., Oxford Junction, Ia.

## SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Jas. E. Stephenson, Alburnett, Iowa Otter Creek Stock Farm.

## WILLIAM REED

PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle, 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

CEDAR LAWN Short-Horns and Polled-Durhams. Ten blocky bulls for sale, ranging from six to twenty months old. Sired by Orange Bud 13384 and Athenian Prince X1773. Prices right. Address, J. Z. Schneider & Son, Letta, Iowa.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dnuu, Central City, Ia. Maine Valley Stock Farm.

## SHORT-HORN CATTLE.

## NOVINGER & SONS'

### SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

## ISAAC A. NOVINGER & SONS,

### Kirksville, - Missouri.

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duchesses of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

## I. BARR & SON,

### Davenport, - Iowa.

## CATALOG

## Of Young Bulls For Sale

### Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

## FLYNN FARM COMPANY,

### Room 316 Flynn Building, Des Moines, - Iowa

## BARGAINS IN

### SHORT-HORN BULLS

Eighteen serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls. In ages from twelve months old and upward.

## JESSE BINFORD & SONS,

### ALBION, IOWA, or LISCOMB, IOWA.

## SCOTCH BULLS

### FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 135590, also an Acauntins and a Miss Ramadeu. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

## E. FUNKE, GREENFIELD, IOWA.

## SCOTCH BULLS

Got by IMP. MUTINEER 172547.

MUTINEER is of Marr's Missie tribe and was got by Bampton Chief and out of Imp. Missie, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

## A. C. BERRY, - Unionville, Mo.

## WILDWOOD SHORT-HORNS

ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,

## W. W. VAUGHN, - Marion, Iowa

## DUROC JERSEY HOGS.

## Crimson Wonder Again, 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Nother again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Nother Chief. Fall boars by these noted sires for sale. Address,

## H. S. ALLEN, - - - RUSSELL, IA

### On main line C. & Q. R. R.

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

## PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

BRED SOWS and gilts all sold. Ninety nine and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are DUROCS. J. W. Briggs, Alden, Iowa.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding nice culled. Write to T. L. Livingston, Burchard, Neb.

## SPRING boars sired by fancy Crimson Wonder.

SPRING boars sired by fancy Crimson Wonder. Sired for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

## CHOICE YOUNG DUROC JERSEY HOGS

### OF BOTH SEXES at reasonable prices. Address

## W. J. S. Taylor, Humeson, Iowa.

## DUROC JERSEYS

Boars ready for service. Sows bred, pigs at weaning. L. R. Kuney, Adrian, Michigan.

L. H. ROBERTS & SON, PATON, IOWA.

CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.



HORSES.

# Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying. 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

**Watson, Woods Bros. & Kelly Co.,** LINCOLN HOTEL BUILDING Lincoln, Neb.

DUROC JERSEY HOGS.

## 15 OCTOBER DUROC BOARS 15

Sired by CARLINVILLE CHIEF, by CHIEF OF OHIO, (litter mate to OHIO CHIEF) out of sows by KANT BE BEAT, JAY'S ONWARD (litter mate to GOLD CLOUD champion Illinois State Fair 1904), CRIMSON CHIEF and others of equal note. One April boar by PROUD ADVANCE. One July boar by Kruger II by Kruger.

Prices Range From \$20.00 to \$40.00.

Write if you mean business.

COMER & GILLILAND, CARLINVILLE, ILL.

## PENNYRILE HERD OF DUROCS.

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 2d. Orders now booked for spring pigs. All others sold. Address, AMOS W. HARRIS & SONS, WAVERLY, KY.

## FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & McCABE,

Hersman, Brown Co., Illinois

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come WATT & FOUST, CEDARVILLE and XENIA, OHIO

## BUDDY K. IV HIGHEST PRICED DUROC BOAR EVER SOLD AT AUCTION....

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

McNEIL BROTHERS,

BOWEN, ILL.

## AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

## CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead. U. G. DAVIDSON, MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

## GOLDEN DUROCS HERD

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

## Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d surprise, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

40 DUROC-JERSEY BOARS. 40

Sired by Chief of Chiefs, a son of the great Winneshiek Chief out of Gold Dust Jim and Surprise sows. Choice pigs at reasonable prices. DELMAR McCANN, - KENNARD, NEB.

## PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23689, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

## KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHER & SON, MACON, ILL.

## FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs. H. B. GRIFFITHS, Bowen, Ill.

## PROUD ADVANCE DUROC BOARS.

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us. MANLEY & CO., LYONS, NEB.

## Duroc Jersey Bred Sows For Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. G. L. Reed, Sumner, Nebraska.

## 25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices. F. M. Erschen, Odell, Ill.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

## RED OAK HERD

OF recorded Duroc Jersey sows. We have a number of well selected gilts of March and April farrow, bred for March and April. Bred to Red Surprise 4987, a son of Kant Be Beat. They are safe and ready to ship. They are sired by Top Notcher's Model 27663. You will hunt some before you excel his gilts. They are bred for sale and will be priced low, quality and breeding considered. Write, phone or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern. J. W. Troy & Bros. Props., Rosehill, Mahaska Co., Ia.

## DUROC JERSEY BRED SOWS FOR SALE

A NUMBER of richly bred sows, bred to A. L.'s Chief 4332, a son of Ohio Chief and Corrector 2d, by Nidlinger's Corrector. They are of the same quality as sold in my Jan. 29th sale at an average of \$76.80, will be priced reasonably. Telephone connections. A. L. MOSSMAN, RADCLIFFE, IA.

## 10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to furrow in May. Will weigh 250 lbs. or more. Bred to Long Alix and Redwood Chief. AUSTIN RENSCHAW, Blair, Neb.

## 80 BIG BONED DUROC JERSEY RED PIGS 80

FOR SALE. G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

## FOR SALE.

I AM offering a few Duroc boars, sired by Proud Advance and Orion. I will also sell half interest in I Am A Wonder, litter brother to the sweepstakes boar at Iowa State Fair, and sired by a sweepstakes boar. F. E. Garrett, Lehrville, Iowa.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired. E. Z. RUSSELL - BLAIR NEB.

## SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

## GREENDELL HERD DUROC JERSEYS.

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited. F. H. HERRING, Kalona, Iowa

## Havelock Herd Duroc Jerseys

Nothing now for sale. Best of blood represented. E. K. YOUNG & SON, Havelock, Neb.

## M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



## H. LEFEBURE'S BELGIANS.

BELGIAN STALLIONS with required weight and quality. On hand March 27, '07. Also 1 ton black Percheron, heavy boned, age 6, imp. Nov. '06. Eight miles west of Cedar Rapids, near electric railway, also C. & N. W. and C. M. & St. P. railways. Henry Lefebure, Fairfax, Linn Co., Ia.



## Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., iron gray, one of the best horses in the west; four years old; measurements: girth, 7 ft., 11 inches; 17 1/2 hands high; tore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address, J. S. COLDER, SCRIBNER, NEB.

## Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champlin Bros., Clinton, Iowa

JIM MCGREGOR SENSATIONAL green trotter sold to Billings, owner of Lou Dillon, for two thousand at Lincoln, Neb., last August. We have a grandly bred stallion by same sire, with lots of 2:10 performers close up, we will sell. Write for price and photo. Adam Schuapp, 1234 "O" St., Lincoln, Neb.

## FOR SALE AT A BARGAIN

KING WILLIAM 12782. Registered French Draft Stallion, Foaled June 1899, weight 1,800; also a shire stallion 4 years old, weight 1700. W. A. JOHNSTON, Prairie City, Iowa

## 4 PERCHERON STALLIONS

For sale. One French draft stallion three years old, weight 1,900 lbs., sound and guaranteed breeder. L. C. Barnett, Indianola, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRISTON, IOWA.

FOR SALE—1 Percheron stallion, registered, black as a crow, 4 yrs. old last Aug. Good, heavy bone, fine action. Judy & DeLashmott, Salem, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

## BERKSHIRE HOGS.

## Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

Address, GEO. S. PRINE, Oskaloosa, Iowa

## 1907 Crop of Berkshires at Chapel Hill.

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address, W. D. McTavish, Coggon, Iowa

Mention The Homestead when writing.

## BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address, E. H. DANCER, Lamoni, Iowa

## McLay Bros. Clydesdales

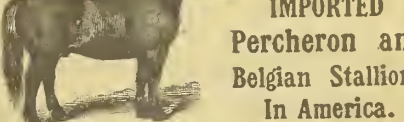
Janesville, Wis.

THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition For a Choice Young Stallion at a reasonable price. Sixty-five head in stud. Imported and home bred. We cater to the very highest class of trade. If interested do not fail to Send For New Catalog.

## Percherons and Belgians

I Have the Largest and Best IMPORTED Percheron and Belgian Stallions In America.



Prices, \$1,000 to \$1,400; mostly \$1,000 to \$1,200 each. New importation of German Coachers arrived Mar. 12, 1907, \$1,000 each. Write for photo of fifty head. Address, CEDAR RAPIDS JACK FARM, Cedar Rapids, Iowa

Please write for photographs of stock.

## FOR SALE.

## Percheron, Clyde

Stallions and Mares

At prices all can buy.

Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired.

Address, A. H. BRETT, Mason City, Iowa

## SAFETY IMPREGNATING OUTFIT

Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every horse breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular. I. O. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

## FOR SALE--FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES

IMPORTED and native-bred, ranging in age from 1 to 6 years old and weighing from 2,100 lbs. to 2,200 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered. C. T. Gollehon, Blair, Neb.

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several much teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdam & Wheeler, Fairfield, Iowa

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me. G. C. HARRISON, Blencoe, Iowa

FOR sale, 4-year-old registered Shire stallion, right in every way, good bone, weight between 19 and 20 hundred. W. S. Spear, Stanwood, Iowa



## HORSES.

## TRUMANS' CHAMPION STUD

Our stables are now well filled with the very choicest

..... SHIRE AND HACKNEY STALLIONS .....

possible for SPOT CASH TO BUY IN ENGLAND. THIRTY-SIX SHIRES due to arrive in New York on the S. S. Minnetonka on April 1st. We can show more HIGH-CLASS ENGLISH STALLIONS AND MARES than all competitors combined. Come and see these GOOD COLORED, HEAVY-BONED SHIRES, weighing up to 2,300 pounds. They will cost you but little, if any, more than others want for stallions that have been culled over all fall and winter. COME AND SEE THE SHOW-YARD PROSPECTS BEFORE BUYING. IT WILL DO YOU GOOD. A guarantee with each stallion that has stood the test for twenty-nine years. Address for catalog.

TRUMANS' PIONEER STUD FARM,  
BUSHNELL, ILLINOIS.

## THE LAFAYETTE STOCK FARM

J. CROUCH & SONS, Props.  
Lafayette, Ind.



Our sweeping victories at all the leading live stock shows in the United States is evidence of the class of horses that we handle. At the late International, the greatest live stock show in the world, we won 21 first prizes and 12 seconds, including 3 champion-ships. Our horses are all fresh imported, on which we will put a gilt-edged guarantee that they must be good breeders. All stallions are personally selected by one of the members of our firm and are purchased direct from the breeders in Europe. Our facilities for purchasing and handling stallions are equaled by no other importer and thus we are enabled to handle higher-class horses at less money than our competitors. Our terms are liberal. Importations arrive frequently, insuring buyers a large selection from which to select a stallion.

J. CROUCH & SON.

Departments:

Sedalia, Mo. Nashville, Tenn. Seattle Wash. Sacramento, Cal.  
Have just received a large importation of Percheron and Belgian Stallions and Percheron and Belgian Mares.

## PINE RIDGE STOCK FARM



Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER F. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Barn at Moose Jaw, Sask., Can., in charge of E. F. Maxey.  
L. M. HARTLEY, SALEM, IOWA.

## PETER HOPLEY & SON

LEWIS, IOWA,

Special Prices for  
Next 30 Days.

Percheron, Suffolk, Belgian and German Coach Stallions.

We buy and sell our own horses, keep our horses on our 1,500-acre farm, and are therefore at small expense. No middlemen's profits, and buyer gets the benefit. Our prices for next thirty days cannot be duplicated. Write or come and see us.

## PERCHERONS AND PERCHERONS ONLY.

L. H. Humbert & Son, Corning, Ia.

ARRIVED home with their twenty-seventh annual importation of Percheron stallions this year. 80 HEAD STALLIONS AND MARES now on hand. We can sell you a good horse for less money because we are natives of France and buy our own horses without the aid of an interpreter. Write or come and see our horses. Be sure to see OUR Percherons before buying. Telephone service. L. H. Humbert & Son, Corning, Ia.



## PETERSON'S BLACK PERCHERONS.

FOR \$700 to \$1,000 you can buy of me the best Percheron Stallion that can be bought anywhere. Proven breeders can show colts. Come and see the horses and you will never go away without buying. Good colors, extra bone, and not an unsound horse in the lot.

H. E. PETERSON,

LYONS, NEBRASKA

## HORSES.

# FRANK IAM'S

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND," Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE," "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARNS, filled to the roof with

## 75 Percherons, Belgians and Coachers 75

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES;" they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAM'S \$1,000

KEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$3,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS," you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holier." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His 1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconceived effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landschaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.



## TAYLOR & JONES'

New Importation

ARRIVED MARCH 9TH.



Our barns are now filled with imported and home-bred PERCHERON, SHIRE and BELGIAN STALLIONS. Don't you know that PUBLIC SALES of stallions only indicate a cheap lot of trash, or that the sellers are men who CAN'T DO A BARN BUSINESS? Did you ever know a merchant to sell groceries at auction? Would you buy a gold watch at auction? We use no slick salesmen to sell our horses. They are good enough and our reputation so clean that we are selling more horses than ever before, which proves our prices are the lowest, our horses the best and our manner of doing business is satisfactory to our patrons. For catalog address,

## TAYLOR & JONES,

WILLIAMSVILLE,

BOX 63,

ILLINOIS.



# LAST CALL **ANOKA'S** Short-horn Offering

HOME FARM,  
**WAUKESHA, WIS.,**  
**APRIL 10, 1907**

## FIFTY HEAD.

**T**HIS being a sale without any reserve whatever of fifty of the best individual and choicest bred Scotch Short-horns that have been sold in a long time, I invite discriminating buyers and all others interested to attend. Practically the entire offering of forty cows and heifers and eleven bulls are the class of cattle I like to keep myself. Strong individuality and of the breeding that is most sought after among the good ones. Remember the most of the bulls are strictly show animals and that thirty-four of the females have calves at foot or bred to Whitehall Sultan, Whitehall King, Anoka Sultan or Red Sultan.

**F. W. HARDING.**

Auctioneers: **COLS. WOODS and BELLOWES.**

H. F. Brown sells at Minneapolis, on April 9th, and H. S. Bright at Chicago, on April 11th.

# DISPERSION OF THE CLOVER BLOSSOM SHORT-HORNS

**AT HAMILTON, MO.,**  
**MONDAY, APRIL 22D**

**10 BULLS**  
Cruick-shank  
Scotch  
Scotch Topped  
See Golden  
Lavender.



**50 Females**  
Cruick-shank  
Scotch  
Scotch Topped  
Some Imported

**37** Cows sell with calves at foot or **37**  
are soon due to calve.

Thirteen are heifers not bred. A large percentage of the cows are the get of Imp. Nonpareil Victor and Grand Victor, two as great sires as ever did service in one herd. I wish to call your attention to such cows as Imp. Winnifred 4th, Maid of Honor, Imp. Ethel, Clover Blossom, Wimple and Keepsake. Also to Golden Lavender, as good and as richly bred a Cruick-shank bull as will be sold this year. See his get sale day. Write for catalog, mentioning this paper.

**GEO. BOTHWELL, - NETTLETON, MO.**

Cols. Bellows and Graham, Auctioneers.

Hamilton is on Main Line C. B. & Q.

# ANDREW COUNTY Short-horn BREEDERS' ASSOCIATION SALE

**AT SAVANNAH, MO., FRIDAY, APRIL 12TH.**

**43** HEAD--17 BULLS--26 **43**  
FEMALES

Scotch and Scotch Topped American Sorts.

The contributors are: R. A. Coffey & Son, Savannah, Mo.; J. H. Beattie, Savannah, Mo.; P. W. Hoshor, Savannah, Mo. Chas. Sweet, Filmore, Mo.; Andrew Johns, Rosendale, Mo.; J. W. Zimmerman, Savannah, Mo.; Sanford Johns, Rea, Mo.; Chris. Seigfried, Savannah, Mo. Among the bulls is the herd bull Cashier, sold by Coffey & Son. See pedigree.

### CASHIER.

Roan; calved January 12, 1901. Owned by R. A. Coffey & Son. Sires. Breeders. Dams. Got by Victoria Chief 2d 144374....W. P. Harned Violet's Valentine 10th Imp. Burgomaster 90813....A. Cruickshank Violet's Valentine .....Imp. Baron Victor 42824....A. Cruickshank Imp. Violet Bud .....Barmpton 45246.....A. Cruickshank

All the bulls and females are in strong breeding form. Breeders and farmers can use the stock to good advantage. Write today for catalog, addressing,

**H. R. COFFER, SAVANNAH, MO.**

Cols. Bellows and Brooks, Auctioneers.

Savannah is on the Chicago Great Western and Burlington, fourteen miles north of St. Joe.



**Pike County  
Jack Farm**



**BOWLING GREEN, MISSOURI,**  
OFFERS

**75** Great big Mammoth Black **75**  
JACKS

**25** JENNETS **25**  
Some With Jack Colts

I will not make a Public Sale, but will sell at bargain prices. The Jacks range from 14½ to 16 hands high. Come and see them. You will be met at the station if you notify me of your intended visit. \* \* \*

**LUKE M. EMERSON,**  
**BOWLING GREEN, MISSOURI.**



Bowling Green, Missouri, is on  
Main line Chicago & Alton and  
St. Louis & Hannibal Rys.







"The traffic of the country is congested beyond imagination. Commerce is paralyzed. Continued it means slow death. We need more cars and heavier trains and more miles of railroad to haul them over. In ten years the railroads of the country have expanded 20% for the handling of business that has increased 110%. From 115,000 to 120,000 miles of track must be built in order to take care of the railroad business of today."—Railroad King James J. Hill in speech to merchants of Chicago.

THE WHOLE world is aghast at the deplorable state into which the seven millionaires who control three-fourths of the main line trackage have plunged the railroads of our gloriously prosperous country.

Originally designed to benefit commerce and the whole people, the railroads have passed into the control of these men whose greed for money knows no bounds. Although nearly every large fortune in this country has been made in railroad investments, and although for many years railroad securities have been considered by life and fire insurance companies and by educational institutions as the next safest investments to government bonds, today the moneyed interests of the United States refuse to invest more funds in railroads.

#### Wind and Water.

Over-capitalization has been carried to such a point as to demand a special message from President Roosevelt. The investigations which our fearless executive is making have driven railroad officials to the White House, almost as supplicants for the President's clemency. That information which Mr. Hariman and other financiers hoped to conceal from the people was forced from them by the Interstate Commerce Commission. Mr. Hariman established the fact that the only investors in Railroad stock nowadays who are likely to obtain satisfactory dividends are those who are able to get in on the ground floor. Some of the great railroads of today may be likened to enormous balloons with a few financiers in the basket and hundreds of small investors dangling from the top and sides of the bag.

#### Interest on Notes Precedes Dividends.

Wall Street has long known the conditions, but has said nothing. The European money centers have known so well what was going on that when the railroads needed \$200,000,000 for improvements last summer they had to borrow it in Europe on 6 per cent mortgage notes. This in spite of the fact that the gross earnings of the railroads in 1906 increased \$250,000,000 over the earnings of 1905 and that during the past ten years the earnings of the railroads have increased \$1,335,000,000, while the mileage has increased only 20 per cent. There is no inflation in the figures stating the amount of the traffic. There is no question of the prosperity in the United States.

#### Farming Communities Suffer.

At no time during the past nine years have there been half enough railroads. At the present time millions of dollars are lost to the farming and grazing communities of the country, not because of a lack of markets, but because of a lack of facilities for reaching those markets.

What money the railroads are spending is almost entirely for improvements. New roads must inevitably come from new management and the capital required for the building of new roads must come from the people.

#### New Roads Fortune Builders.

Great fortunes will be made in railroading in the future and made honestly. Never before has there been a time when a new railroad has met with such enthusiastic welcome as it does today and when the building of a new road meets with so little opposition from competitive roads as it meets today. There is business enough for all and to spare. Railroads are earning big dividends on their original capital and railroad investment would meet with as speedy a response from the regular money sources as ever but for the fact that the big railroads have increased their capital far beyond the value of their assets.

#### Rapid Progress on Great Project.

There is in process of construction a new line between our two greatest cities. It is the foremost railroad project in the country. The motive power will be electricity. The track will be straight between Chicago, with its 2,000,000, and New York with its 4,000,000 population.

We refer to the Chicago-New York Electric Air Line railroad, the building of which began on the first day of last September at La Porte, Indiana. It is expected to have cars running on the first 15 miles of this road by the middle of April. Electrical equipment and cars have already been purchased. Within 10 months it is expected that the first section of 50 miles connecting

La Porte with Chicago will have been completed; and a few months later the builders expect to have finished the first division of the road, this division to be 100 miles long, with terminals at Chicago and Goshen, Indiana.

The main line will have no sharp curves and almost no curves at all. The direct line is almost literally the line of least resistance across the country. From Chicago to the Pennsylvania line there will be no greater rise than 16 feet per mile. The line passes through Ohio for a distance of 150 miles in which the fall from the level is not greater than 2 feet per mile. On the whole route the highest rise will be 53 feet to the mile. For more than half its length the track will be laid on level ground. The purpose of this straight track is to save time, to allow greater speed with perfect safety and thus to command the highest class of passenger traffic and almost a monopoly of the fast freight traffic between the two terminal cities.

#### Why the Roads Rambled.

When the early roads were built the passenger traffic between Chicago and New York was inconsiderable. The early railways were freight roads and a glance at any railroad map will show the secret of the path taken by the traffic carriers, that is—each road sought out the cities and the water ports between which passed the greater amount of freight. The roads were built before there was any considerable amount of trans-continental traffic from the West and Northwest and at the time when no one foresaw the need of sixty-eight daily through trains from New York to Chicago. Thus it is that the course of the roads now are no nearer the straight line than the course of most of the rivers running through the same territory.

#### Alexander C. Miller's Remedy.

In the last eight years the traffic between New York and Chicago has more than doubled in volume, but no new railroad has been built to handle the increased business. As stated above, the money which the present roads are able to raise for improvements is spent on the lines which they are now running. It is too much to expect of them that they should destroy the millions of dollars worth of road bed and equipment which they now have and supplant it with new lines and new equipment as long as the roads as they are now run are paying dividends.

Alexander C. Miller, President of the Chicago-New York Electric Air Line, is a practical railroad man who at the time of his first conception of the first direct line between Chicago and New York, had been for 30 years connected with the Chicago, Burlington and Quincy Railroad in an executive capacity. He was familiar with the history of railroading and with the financial affairs of the railroads. When he found that a direct line between the two cities was feasible, he knew that it should be an electric line.

#### Electricity Reigns Supreme.

All authorities admit that the electric road furnishes the best transportation. And the expense of operation on the long distance electric lines is only about 55 per cent of the gross earnings, while on the steam lines in similar territory the expense of operation is about 69 per cent of the gross earnings. In 1906 the Aurora, Elgin and Chicago Electric Railway, which is about 57 miles long, paid 5 per cent interest on a bond issue nearly equal to its entire capital stock, paid dividends on its preferred stock and had enough left for a 3½ per cent dividend on its common stock.

The character of the territory through which the first division of the Chicago-New York Electric Air Line passes guarantees the lightest running expenses and warrants the builders in banking on the investment possibilities of the first division considered by itself.

To increase the profits of a railroad it is necessary to increase the business or to reduce the expenses. So well satisfied have the railroad experts become that the electrification of a railroad both increases business and reduces expenses, that, notwithstanding the enormous expense entailed in destroying steam equipment and installing electrical equipment in its place, we find the New York Central, the New York, New Haven & Hartford, the Baltimore & Ohio, the Erie and the Pennsylvania Companies are rapidly extending electrification of their lines.

The New York Central already has 35 electric locomotives and nearly 200 motor cars in commission and is spending not less than \$70,000,000 for electrical equipment. When all the projected electric interurban lines are completed it will be possible to ride from Portland, Maine, to Omaha, Nebraska, under electric motive power.

#### Developing Small Towns.

Unequaled as they are for passenger traffic the electric roads show great superiority

as the handlers of freight. On the electrified trains each car can be a locomotive by itself and can call at a small town for freight and at large farms for produce. It is to be understood that the main line of the new road will have a great many "feeding" branches.

The fact must not be lost sight of that the revenue of a railroad comes from loaded cars in motion. There is no money to be made in sending an engine after "empties." With each car furnishing its own motive power, each car can take care of itself; and a hundred or more of these loaded locomotives can gather at some central point into a long train and thence go whizzing across the continent.

#### Cheapest Fuel—Greatest Speed.

The motive power of the electric roads can be furnished from the burning of the very cheapest coal. This is not suitable to the steam roads. Electric power can be delivered to the trains without waste and can also be sold to the manufacturing plants and farmers along the route at a profit.

For developing railway speed the advantage of electrification over steam has been indisputably established. The electric locomotive can get up full speed much more quickly, can draw a heavier train and can maintain for long distances an average speed of 90 miles an hour on a straight track with less danger than comes to the passengers on the steam train going at 45 miles an hour.

#### Endorsed By Foremost Weekly.

Since the foregoing was written the writer has picked up his copy of the Outlook, issue of March 23d, and finds on page 629 of that most conservative and high grade weekly the following editorial:

"Railway freight facilities must be brought

up to present commercial demands upon them. Mr. Hill, President of the Great Northern Railway, has stated that the necessary increase in trackage, terminals, locomotive and cars, would cost a billion dollars a year for five years. But this is not all. When that money is spent, it would only even up freight facilities to actual demands. There would be no provision for an inevitable future and increased demand. That future may be provided for in two ways—first, by enlarging the present standard track gauge; secondly, by a general electrification of all our railways. The first plan is practically impossible.

"A general electrification of American railroads would need but half the sum necessary to increase the gauge and rolling stock. Furthermore, it could be instituted without interrupting traffic. Again, electrification provides both increased speed and cheaper motive power. Finally, the freight trains of the future may be at least a mile long. Such a train could be profitably operated only by electricity and under the multiple unit system, by which the breaking in two of a train, now occurring with too great frequency, would be largely prevented. The number of engines would depend on the grades, as now, but would of course be several times the present number, and, distributed throughout the train, would be unified and managed by the operator at the head of the train. Thus every indication is that the congestion of the railways and all the attending difficulties of operation are likely to be greatly relieved by the rapidly widening application of electric power."

#### The People Build This Road.

Now, let us come back to the Chicago-New York Electric Air Line Railroad. This is the investment opportunity of the people. It is independent of Wall Street. No methods of high finance will characterize its management. Mr. Theron C. Bates, formerly General Superintendent of the Chicago & Alton Railroad, is Secretary and Treasurer of the Air Line Corporation which has appointed the Hancock Company as sales agent for the stock. The Hancock Company has officers in nearly every large city in the United States and its field agents go everywhere.

The offer of stock has met with the heartiest response in all quarters and every investor has had, or will have, an equal opportunity with all others who buy at the same time. There is no preferred stock, no bonded debt on which interest must be paid. As money comes in it is devoted to the expenses of construction. The road will be started without debt. Everything will be owned free and clear. At par the stock will sell for \$100 per share, and it will soon reach that figure, unless the nine advances

which the stock has had in the last six months mean nothing.

#### Value of Stock Advancing.

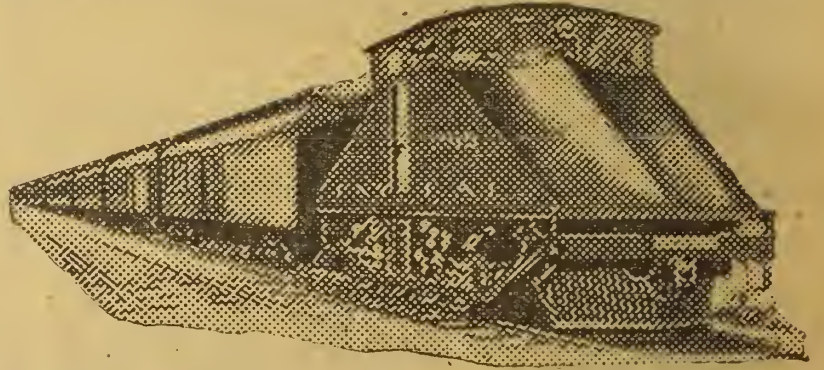
In order to stimulate the interest of the people and facilitate the raising of funds for construction work the stock has been offered at much below its par value. The first allotment was offered in September for \$25 a share; in December the price had advanced by successive stages to \$30; in February two more advances brought the price to \$40; on March 16th the shares became worth \$45; the price is now \$45 a share, but that price will not hold beyond the 20th of April when it is expected that there will be another advance to \$47 per share. Already those who bought of the first allotment can see that their investment has nearly doubled in value.

For the benefit of those who find it more convenient to buy their shares by easy payments, it has been the policy of the holders of the road to divide payments for the stock, if the buyer so desires, into ten in number. The present allotment of shares only until April 20th may be bought for \$4.50 down and \$4.50 a month for nine months. No interest is charged on deferred payments. During the week just passed over \$100,000 worth of equipment has been purchased. As the tangible assets of the road increase there is, of course, an advance in the price and in the value of the stock.

#### Getting in on Ground Floor.

While this article is in preparation the writer has received a telegram stating that one thousand tons of steel rails have just been purchased from the Cambria Steel Works. Hardly a day goes by without news which means an added value to the stock of the road. What it means to an investor who becomes a share holder in a railroad during the construction period thereof the following extract from an editorial in the Saturday Evening Post will suggest:

"The Great Northern Railway is capitalized without water. As money has been needed during the last nine years, shareholders have taken stock, paying in the par value. Each time these 'rights' to subscribe to the new stock at par have been salable at a large premium. The aggregate market value of the 'rights' thus accruing since 1898 has amounted to \$25 a share, besides which the regular cash dividends have amounted to \$61 a share. The extra dividend to stockholders in the form of ore-lease certificates raises the total to \$398 a share. The Great Northern runs over mountain ranges where construction and operation are expensive, and through sparsely settled regions. We merely mention this as indicating that railroading, for those who can get in on the ground floor, without having to pay for water, is not an entirely profitless enterprise."



#### Buy Stock Now.

The Hancock Company, General Agent for the stock of the Chicago-New York Electric Air Line Railroad, have principal offices in Boston, in the Old South Bldg.; in New York, in the Flatiron Bldg., and in Chicago, in The Temple. Readers of The Homestead can obtain much valuable information in regard to the new road by dropping a line to the nearest office.

Look at this proposition carefully. It is not necessary for you to take in all at once the limitless earning possibilities of the great modern railroad which will connect our two greatest cities with their six millions of population and with such a surplus of business as they have never known. It is not necessary for you to consider that this electric railroad will cost less to build and less to maintain than the present steam roads; nor that this direct line between the two great business marts will cut down the distance between them to 750 miles and the run to 10 hours. Simply regard the road as a profitable investment, division by division. You will find it the foremost investment enterprise open to the American people.

For the benefit of the readers of The Homestead who wish to invest in this stock, we have offered time-saving coupons. Sit down now, fill out one of these and send it along. The information it will bring will be wonderfully interesting and thoroughly convincing. Don't let the opportunity slip by.

#### THE HANCOCK CO., Fiscal Agent.

The Temple, 184 La Salle St., Chicago.

I shall be interested to receive information regarding the Chicago-New York Electric Air Line R. R. Stock.

Name .....

Address .....

Iowa Homestead 4.4.

#### THE HANCOCK CO., Fiscal Agent.

The Temple, 184 La Salle St., Chicago.

Please find enclosed \$..... in (full or part) payment for ..... shares of Chicago-New York Electric Air Line R. R. Stock.

Name .....

Address .....

Iowa Homestead 4.4.





VOL. LII. NO. 15.

DES MOINES, IOWA, APRIL 11, 1907.

WHOLE NO. 2595

### BOARD OF CONTROL PLAN AGAIN DEFEATED.

The last week of the general assembly of Iowa, which has just adjourned, was signalized by a second overwhelming defeat of the bill proposing to establish a single board for the control of the state agricultural college, the state university and the state normal school. The bill had the same history this year as a year ago—passing the senate, but being defeated by a heavy and apparently decisive vote in the house of representatives. The vote by which it was killed this year was fifty-eight to forty-five.

The Homestead has never hesitated to go on record against this plausible but essentially dangerous and vicious measure. When the interests of the farmers of the state are attacked or imperiled in so important a matter, we feel that the paper upon which they most generally rely to defend their cause should speak with an emphasis leaving no doubt as to the farmers' wishes. This prompt and outspoken course has had the desired effect in the past and will, we doubt not, continue to be effective against this undesirable legislation as often as it is pressed for consideration.

It is significant that both defeats of the educational board of control bill have been due to the more popular branch of the legislature, the house whose members are all newly elected every two years and therefore fresh from the people; while the senate, a portion of whose members hold over from session to session, has twice passed the bill. The more closely the members of the general assembly are in touch with their constituents, especially the farmers, the more certain they will be to oppose this un-called-for innovation.

The plan for this proposed board of control did not originate in a popular demand. Its source has been legislative or political, though we do not believe that any sinister motive has entered into the movement. We freely concede the disinterestedness of its authors and advocates, although we cannot accept their reasoning or the conclusions to which it brings them. It is, however, only just to say that if it is not again brought up until the people demand it, it will probably never be heard of again.

There being no demand among the people for such a change, it is to be hoped that conditions at the great educational institutions of Iowa will no longer be unsettled by agitation for a single board of control. Let the legislature give the great schools of the state most careful personal attention and accord them generous support, with due regard to a wise economy in expenditures; but let the friends of agriculture be spared the necessity of coming to the defense of interests dear to them and vital to the state every time the general assembly is in session. This ill-advised proposal should be dropped once for all.

It should, however, be clearly understood that if a third attempt is to be made to secure the passage of the measure, it will find itself confronted by a formidable organization of the farming interests, extending into the primaries for the selection of members. If the farmers of Iowa let it be known in advance of the election of the next general assembly that they are unalterably opposed to an educational board of control, both houses of the next legislature will stamp the bill with their disapproval and

make its revival impossible for all time to come.

### WHERE CARELESSNESS IS COSTLY.

Although the department of agriculture finds that there are two or three million more hogs in the country January 1st, this year, than there were last, there are few swine men in the corn belt who can be persuaded that there are as many hogs in the country as there were a year ago, saying nothing of an increase.

A gentleman of our acquaintance who has been breeding hogs for forty years and who is a close observer of conditions, and a man who travels considerably, gave it as his opinion that less than half the hogs were in sight that were on hand a year ago, and he attributes this decrease to two factors, namely, to the free marketing of brood sows and, secondly, to loss from disease.

It is to this loss that we wish to address ourselves at this time. We desire,

however, that it shall be understood in the first place that we do not by any means consider that all loss from swine diseases can be attributed to carelessness. Many a man who has had his herd in the pink of condition has found his loss, when disease once entered it, to be just as heavy as that of his careless neighbor. There are few pure-bred swine breeders in the corn belt who cannot testify to this fact.

However, the carelessness is found in the reluctance of the average man in using ordinary precautionary methods against disease. We will enumerate a few of these:

The first of March should be a general clean-up time. In many cases the fattening hogs are marketed on or about this date, and there is a breathing spell between that time and the first appearance of the 1907 porkers. It is therefore an ideal time to clean out all buildings and sheds where hogs have been located during the winter, and when they are clean give the floors a

good coating of air-slacked lime. It might be well to first give them a thorough sprinkling with a good disinfectant, as that gets into the cracks and crevices and will do deadly work on germ life as well as lice. If the breeding sows appear to have any skin disease, or if they are troubled with lice, by all means run them through a dipping tank or turn loose your spray pump. The idea is to get everything cleaned up so that the little pigs will get the right kind of a start.

Then, throughout the spring and summer months one should keep on hand a good supply of air-slacked lime. Once or twice a month, at least, scatter this around their troughs, eating places and sleeping quarters. In spite of everything one can do hogs will make wallows, and our plan of dealing with these is to keep them well disinfected by the use of a dip. Formerly, we regarded the wallow as a deadly enemy, but since resorting to the plan of adding dip to it our fear has left us and we have found it an excellent method to keep the skin and hair of hogs in good condition. The cost of a few gallons of dip a year or a few barrels of lime is a mere bagatelle compared with what one's loss will be should disease break out in the herd.

Of course methods of feeding are also highly important in keeping down disease, but it is not our intention to touch on it at this time. By taking the precautions that we have enumerated and by seeing to it that no man visits your herd after coming from a farm where disease is prevalent, you will possibly escape trouble nine years out of ten. We have in mind one swine breeder who has raised two or three hundred hogs every year and who has escaped disease for ten years, though cholera has swept away some herds in the neighborhood every year during that period.

### COST OF HAULING FARM PRODUCE.

The United States Department of Agriculture has recently published a somewhat comprehensive bulletin on the cost of hauling crops from farms to shipping points. The figures given in this bulletin were made up from correspondents in 1,894 counties throughout the United States. Six questions were submitted as follows:

1. Weight of a usual medium load of principal farm products hauled to railroad or steamboat shipping point in your county?
2. Usual number of horses or mules used per load?
3. Usual cost of hiring such team, together with wagon and driver, per day for any purpose?
4. What are the principal farm products hauled to shipping points?
5. Greatest distances of haul to railroad or steamboat shipping points by any considerable number of farmers?
6. Time usually taken for the longest round trips by any considerable number of farmers?

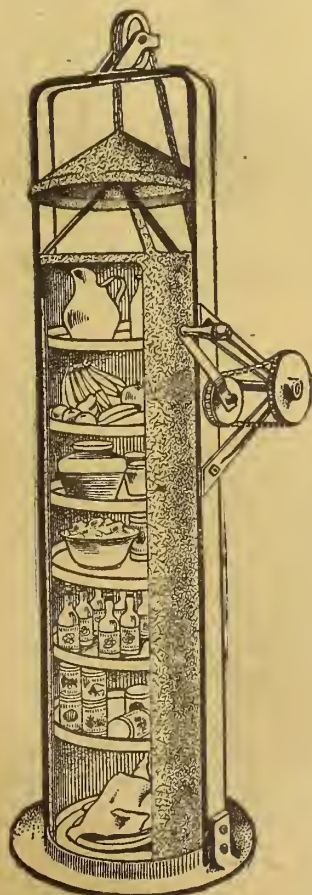
A compilation of the data furnished in these replies reveals a condition of extravagant cost as applied to the hauling of farm materials and shows in addition the enormous amount of freight handled by farm teams.

In the list of values as applied to the loads hauled by farmers we find that cotton stands at the top, with a total valuation of \$556,000,000; wheat next at \$302,000,000; corn next at \$280,000,000, and oats fourth in the list at \$80,000,000. The total value of the twelve principal products grown on the farms of America and hauled in one year reaches the startling figures of \$1,400,000,000.

It costs 5.2 per cent of the value of these crops to haul them to market. For example, in the case of corn it costs

### AN ICELESS REFRIGERATOR.

A remarkable refrigerator that keeps food fresh without ice has been perfected by the Galesburg Cornice Works, of Galesburg, Illinois, under the name, the "Galesburg Iceless Refrigerator." The refrigerator is being installed and used successfully on farms throughout the middle West where ice cannot be readily obtained and even in cities where the iceman calls every day. This refrigerator applies the principle which most good farm housewives use of putting their perishable household supplies into well buckets and lowering them into wells to keep them fresh. The objection to this plan that frequently the supplies are dumped out, spoiling the well water and losing the supplies is overcome completely by this refrigerator. The Galesburg Iceless Refrigerator is moved rapidly and easily by a windlass up and down in a long air-tight tube or casing of heavy galvanized steel.



The tube or casing that holds the refrigerator may be installed either in a well or cistern or it may be buried in the ground at any place convenient to the kitchen. An arch of heavy channelled steel projects above the ground immediately over the casing. It is securely fastened to the platform that covers the well, cistern or hole in the ground. To the sides of this arch are bolted strong, cast-iron arms to carry the windlass. At the crown of the arch is a cast-iron pulley over which a chain or wire rope runs to lift the dumb waiter. One end of the chain or wire rope is fastened to the top of the dumb waiter, the other to the drum or shaft of the windlass. The winch or crank is not attached directly to the windlass shaft but gear wheels and a sprocket chain form the connection, so that the power required to raise the dumb waiter is very small. A child can draw it up or lower it. A cast-iron flange is bolted to the bottom of the steel arch and lag screws that pass through the flange fasten the elevator device to the platform. The flange is provided with a ring one inch high over which a galvanized steel cover fits watertight. This cover closes the top of the tube or casing completely, preventing all surface water from entering. When the dumb waiter comes to the surface it lifts the cover automatically and when the dumb waiter is lowered the cover is left to close the opening. The dumb waiter is of galvanized steel. It is provided with six movable shelves or trays on which the food stuffs to be kept or cooled are placed. These trays may, at a moment's notice, be raised or lowered to suit the height of the vessels that hold the food. The waiter is thirteen inches in diameter and four feet long. The tube or casing that goes down into the well or ground is eight feet long and fourteen inches in diameter. The top of the tube is provided with a cast-iron flange which rests on top of the platform, matching the cast-iron flange of the elevator arch and taking the same lag screws. The lower end of this tube is closed and made watertight. No water can therefore reach the dumb waiter nor can any of the food stuff in the waiter fall or spill out. The tube can be made as long as desired and the wire rope or chain can be lengthened accordingly. The manufacturers of the Galesburg Iceless Refrigerator allow a thirty-day free test of the appliance and have published a very interesting book, entitled, "Keeping Food on the Farm," which they send free. Write for it to the Galesburg Cornice Works, 10E Ferris St., Galesburg, Ill. See page 5.



in Kansas six cents per 100 pounds to market it, in Nebraska seven cents, in South Dakota ten cents, in North Dakota twelve cents, Missouri ten cents, Iowa seven cents, Minnesota eight cents, and Illinois five cents. This variation is due to at least three factors, namely, the average distance from the farm to the market place and, secondly, to the condition of the roads, and lastly the size of the loads hauled.

The average hauling distance in North Dakota is 10.6 miles and in South Dakota 13.3 miles, while in Kansas it is but 7.9 miles and Iowa 6.1 miles.

A study of the tables given in this bulletin by states reveals some very interesting figures. For example, the average load of corn in New York state weighs 2,917 pounds, in Pennsylvania 3,020 pounds, while in Missouri it drops to 2,122 pounds and in Iowa 2,392 pounds. Kansas, on the other hand, is classed up with the eastern states, the average load being 2,908 pounds, while Nebraska is even a little higher, the average load there being 2,960 pounds. Of course it becomes apparent at once that the heavier the load hauled within certain limits the cheaper the cost of transportation. This is why the farmers of Kansas are hauling their corn at a cost of six cents per 100 pounds, while the cost to the farmers of Iowa is seven cents per 100 pounds and to those of North Dakota twelve cents per 100 pounds. In the case of North Dakota the average weight of the load is 1,584 pounds.

The bulletin from which these statistics were taken would interest and instruct those who are concerned in matters of this kind. It is issued as No. 49 of the bureau of statistics and may be obtained by application to the department of agriculture, Washington, D. C.

#### RAPIDLY BUILDING UP LAND.

A subscriber, Mr. John P. Mirsch, sends the following communication:

I would like to ask if you consider it a good plan to sow clover in oats in the spring and plow under the clover late in the fall. Would one get more than the value of his clover seed out of the fertility that would be added to the land?

If a good stand of clover is obtained we are of the opinion that it will pay to sow clover with oats and plow the crop under late in the fall or early the next spring. In round numbers it will cost about \$1.50 per acre for seed to get a stand of clover. It would not be unreasonable to expect that the plowing under of even a few months' growth of clover would add ten bushels per acre to the yield of the corn crop the following year. Of course the increase will to some extent depend upon the natural productiveness of the land at the time of seeding the clover.

There are many men in the corn belt who are struggling with this very problem that is submitted by Mr. Mirsch. For example, where one is obliged to keep his land mostly in corn, for the reason that corn is a profitable crop, and where it has become necessary on account of the increase in insects to rotate, though conditions are not such as to create any great need for meadows, the plan of plowing under the clover crop as suggested above will tide over a difficulty. Of course all men should have clover meadows, and yet there are thousands of farms in the corn belt that do not make a specialty of live stock, but are run on the grain basis, and where this is the case we have no hesitation in advising a trial of this plan.

#### RAPE IN A PASTURE MIXTURE.

The following communication has been received from Mr. H. W. Jones, of Mahaska county, Iowa:

I desire some information about rape. I have ten acres of land adjoining the barnyard that was in corn last year and desire to use this land for hog and steer pasture this fall. Now, would it be advisable to use rape for this purpose?

If so, how should the soil be prepared, and when should it be pastured? Please state how much seed is sown per acre and how soon can it be put in so as to escape frost?

If the steers in this instance were out of the equation we would have no hesitation about advising the sowing of rape. While it is true that steers will consume rape and make fairly good gains on it, yet at the same time there is some danger of bloating, and because of that danger it is used very little as a pasture for cattle.

As a hog pasture we believe that it will pay to use something along with rape especially so where as much as ten acres are to be seeded. By sowing early in the spring, rape at the rate of five pounds per acre and oats at the rate of

six or eight pecks per acre, an early pasture will be furnished and also a late one. If the oats are not kept down by pasturing they will mature in July and of course the rape will come on and make its principal growth after that time.

In case the early pasture is not needed then it might be advisable to sow rape alone on a well prepared seed bed, early in the spring, at the rate of five or six pounds of seed per acre. It is usually advisable to let the crop produce a growth of six or eight inches before turning in, especially so if it is to be heavily pastured. If a good stand of rape were obtained on a ten-acre field and it were allowed a good start it would take a host of hogs to eat it down.

We have known instances where a mixture of red clover, oats and rape sown in the spring gave very good results through the late spring, summer and fall. Of course one must not expect a very heavy growth of clover, and yet under favorable conditions enough will come on to make the mixture palatable and add flesh-forming material to the pasture ration.

#### AGRICULTURAL EXTENSION WORK IN IOWA.

Among the appropriation bills passed by the last Iowa legislature, was one favoring the increase of the sum used in extension work by the Iowa Agricultural College. Last year it was \$15,000, this sum being raised by the present legislature to \$27,000. Early in the session Senator Seeley, of Mt. Pleasant, introduced a bill asking for this amount for this purpose and although it was a house bill that finally passed, this bill was framed on lines identical with Senator Seeley's. In support of this appropriation, Senator Seeley, in addressing the senate, said:

The appropriation of \$15,000 last year is now yielding more revenue to the state of Iowa than any other like appropriation that was made during the last general assembly.

In addition to the short course held at Ames last winter there has been four other short courses held and there are now demands filed with the extension department for twenty more short courses, which cannot be fulfilled unless additional appropriations are made therefore. It was our privilege in southeastern Iowa to have secured one of these short courses at Mount Pleasant, which brought to our neighborhood more enthusiasm than anything that has come to our community for a long time. Our farmers and business men have raised and paid out for the purpose of extending this work over \$3,000. We had enrolled over 350 students, all of which were earnest and enthusiastic in the support of the work.

In addition to the short courses the extension department has aided in the establishment of ten different experiment stations on the county poor farms, and there are now demands for this same work in many other counties. Requests for help in other lines of agricultural work aside from those above enumerated now exceeds 1,500, so you can see the dire need of greater appropriation in this line.

Iowa is one of the leading agricultural states in the union, and it is pleasing to know that the farmers and business men are rising to a sense of duty and urging additional appropriations for this line of work. Our forests and coal mines are fast becoming extinct. Recent experiments have shown that a very large per cent of alcohol can be made from the corn stalks, which are now going to waste, and who knows but what this, or

similar developments along this line of work, may be the solution of the question of our fuel fifty years hence, when our population will have increased to two hundred million and when the principal source of employment and the production of food for these multiplied millions will be the farm to which we must centralize our energies by improved and more intensified methods of agriculture. My only regret is that the appropriation is not larger and I sincerely hope it will receive the unanimous support of this body.

Seeing that so much has been accomplished by the first appropriation that has been made by the state for extension work, it is but reasonable to expect that with increased funds the extension work department of the Iowa Agricultural College will come more nearly accomplishing what the people of the state desire that it shall accomplish.

Professor Holden, who is at the head of the extension department finds that the demand for institute help, for short course teachers, for assistance at county fairs, etc., far exceeds the capacity of the institution to supply and we venture to say that the General Assembly which has just adjourned made no appropriation that will accomplish more than this item of \$27,000.

#### THE CHICKEN-EATING HOG.

The following communication has been received from a Nebraska subscriber, Mr. A. W. Good:

I see that one of your subscribers from Dixon, Ill., wants to know how to cure a hog from eating chickens. Tell him to use plenty of charcoal made from corn cobs and bones, and I think he will have no trouble afterwards. Some time ago I purchased a bunch of hogs that were chicken eaters. We have had them three months, and up to date they show no symptoms of this habit. However, they have access to a pile of charcoal and consume a great deal of it.

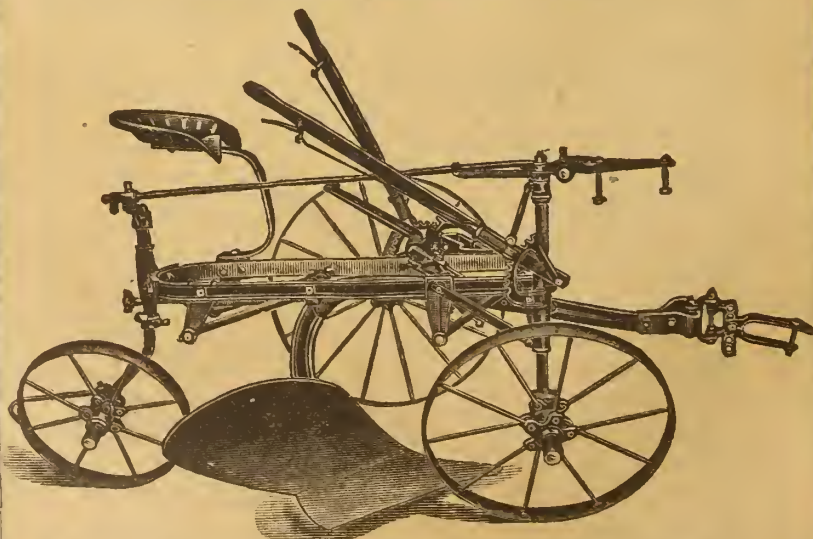
The chicken-eating habit is generally caused by the improper methods of feeding. However, we do not say that it is always caused by that, as we have had instances called to our attention where hogs have acquired that habit, though they were fed in an absolutely scientific way.

Generally speaking, however, if hogs are well supplied with ash material, as well as flesh-forming material in their food, they will very rarely develop this habit.

#### ABOUT THE DISK FURROW OPENER.

The disk furrow opener is undoubtedly a new thing to a great many farmers, but from testimonials which are being received by the Walker Manufacturing Company, of Council Bluffs, Iowa, who handle this furrow opener, very satisfactory results are being secured by the farmers who are using it. The advantage of the use of this opener lies in the fact that it prepares a nice, clean seed bed for whatever kernel is planted in the corn planter. It is used in place of a shoe and consists of two disks which open a nice furrow, throwing clods, weeds, worms and insect eggs to one side. When the planter wheel passes it closes the furrow covering the seed nicely and packing the soil around it. It is reported that by the use of this furrow opener the returns from corn, cotton and sugar cane will be greatly increased. One farmer in Illinois ordered fifty-one of these last year for himself and his neighbors. A scientific test made by the Kansas Experiment Farm showed a gain of eight bushels per acre by its use over corn planted in the ordinary way. The merits of the opener will be fully explained on request if you write to the Walker Manufacturing Company, Ramsey Building, Council Bluffs, Iowa.

#### THE FULLER AND JOHNSON PLOW.



Most of our readers are familiar with the single furrow and gang plows made by the Fuller & Johnson Mfg. Co., of Madison, Wis. Men who are doing their work with an old fashioned walking plow are just as far behind those who are using the Fuller & Johnson riding kind as the Mongolian who uses a sharp stick is behind the man who uses the walking plow. The New Eclipse gang plow made by Fuller & Johnson will do double the work of a single furrow plow with but little added power. This has been brought about by the employment of scientific principles in lessening draft and by the exercise of skill in manufacture. Those of our readers who are thinking of buying either a single or double furrow riding plow should send at once for catalog to the Fuller & Johnson Mfg. Co., Madison, Wis.



#### THE ONLY PERMANENT ROOFING WITH A PERMANENT COLOR

SUITABLE FOR BUILDINGS OF EVERY KIND.

Consider what it means to have a water-proof and ornamental roof which does not require painting.

Color absolutely guaranteed for five years.

Write for samples and prices.

The Standard Paint Company,

SOLE MANUFACTURERS,

GENERAL OFFICES: 100 WILLIAM ST., N. Y.

## PATENTS

If you have a new device which can be patented, it may make you a fortune if properly protected. Send sketch or model of your device for free opinion as to patentability. Among our clients who have made money out of their patents we refer you to the following: Wm. F. Gould, Des Moines, Ia.; Wm. H. George, Dexter, Ia.; H. H. Munson, Truro, Ia.; Franz J. Wood, Des Moines, Ia.; Gould Balance Valve Company, Kellogg, Ia.; P. H. Van Gorp, Pella, Ia.; Stocking & Mendenhall, Audubon, Ia.; Wm. W. Robinson, Des Moines, Ia.; Victor Landholm, West Point, Neb.; Samuel G. Scholz, Billings, Mo.; Benjamin F. Booth, Indianapolis, Ia., and many others we will name on request. Upon examination of your device we can tell you whether or not you can secure a patent. We have the largest and best equipped patent offices in the west. We also have Washington offices. As reference we can give you The Homestead and many other papers, any bank in Des Moines, a large number of manufacturing concerns throughout the west, and other clients. If you have an idea, write us for full information as to how to protect it fully.

ORWIG & LANE,  
408 Crocker Bldg., Des Moines, Ia.

## MICA

### Axle Grease

takes miles off the road, and weight from the load.

Helps the team and pays the teamster.

Practically destroys friction. Saves half the wear that comes from jolting over rough roads, and lengthens the life of a heavy vehicle more than any other one thing.

Ask the dealer for Mica Axle Grease.

STANDARD OIL COMPANY  
Incorporated

Send your HIDES to

#### BAYER TANNING CO.

to be tanned for Robes, Coats, Rugs, Harness and Lace Leather. Practical and Technical knowledge of Tanning. Superiority in workmanship and finish makes our work the kind YOU want. Write for new booklet and price list.

#### BAYER TANNING COMPANY.

Dept. "12"

Des Moines, Iowa.

When writing to advertisers please mention this paper.



April 11, 1907.]

## Farm Furrows

Turned by a Practical Farmer.

I think the unsuccessful man should study closely the operations of his successful neighbors and hold his peace.

Considering the wages that are being paid this year there will be many who believe in moon-farming—i. e., working by the light of the moon.

First the bicycle, then the auto, had their try at putting the horse out of business. The next thing will, no doubt, succeed by making them so high-priced that no one but a millionaire can afford a team.

Did you ever meet this man? He lets you understand that his own success is due to his pluck and energy, his failures are caused by bad luck, his neighbors' success is due to good luck and his failures to laziness and cursedness.

And now comes the report that a prominent Iowa town has passed an ordinance requiring able bodied unmarried men between the ages of twenty-five and forty-five to pay a fine anywhere from \$10 to \$100, according to the degree of their criminal negligence in failing to assume the responsibilities of family life. That looks like an advertisement for the old girls.

There is nothing that gives a farm place such an unfinished appearance as to have half a dozen small, unpainted, weather-beaten buildings scattered around the yards, when the barn and house are neatly coated. I would never advise using good oil and lead on these small additions. They soak paint up like water. Some good whitewash mixture can be applied rapidly with brush or spray and with little expense.

Watch the collars carefully and see that they fit well. Don't expect to use some old worn-out collar on the colt. If an old collar that will fit is not available, then buy a new one. Of course, one must be careful with a new collar, for they blister the shoulder easily. Not every case of sweeney is caused by an ill-fitting collar, but often stumbling out of barn doors will bring on a case. It is always best to put the new horse

## These Are Facts It Pays To Remember When You Buy a Manure Spreader.

**I. H. C. SPREADERS—Corn King and Cloverleaf**—one lever controls every operation. Operator can remain seated from time he leaves the barnyard until he returns.

Self-adjusting, vibrating rake levels the load and brings the manure up squarely to the cylinder.

Cylinder is large and runs easily, and the teeth are long, square, high carbon steel.

Apron is equipped with three sets of rollers attached to slats, running on steel tracks. Is driven from both sides and cannot bind.

Apron drive clutch is automatically thrown out of gear when load is fed out and again when apron has returned. No attention required.

Range of feed is three to thirty tons per acre with ten speeds.

Ends of apron slats are protected so that no manure can work in and bind or clamp the apron.

Driving axle is extra large—made of cold-rolled steel.

Front axle is attached to frame by means of ball and socket joint.

Chain drive, direct from rear axle to cylinder, gives easy transmission of power.

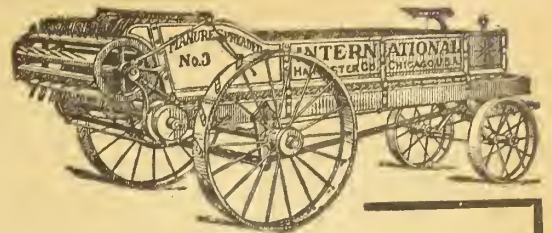
The wheels are steel with staggered spokes. Both rear wheels are fitted with lugs, affording ample traction in wet or frozen fields.

Seat is hinged so it can be turned forward and kept clean while loading.

Box is attached to frame by means of heavy steel cleats.

Frame is made of carefully selected lumber re-enforced at corners by metal braces.

That's a good deal to say of a manure spreader, and yet that is by no means all you should know about I. H. C. Corn King and Cloverleaf Spreaders before you buy.



Those are the main points, and they are sufficient to indicate the superiority of the I. H. C. line. They tell you not to buy a spreader until you have seen the Corn King and Cloverleaf Spreaders.

The key-note in the I. H. C. line is strength and simplicity of construction. Strength in every part means much, for a manure spreader has hard work to do. Simple construction means that it will not get out of order, that it will have light draft and be easily operated. Those are the things you want in a manure spreader.

I. H. C. spreaders are made in two styles, Cloverleaf, an Endless Apron machine, and Corn King, a Return Apron machine; each is made in three sizes.

Call on the Local Agent or write for catalogues.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA, Chicago, U. S. A.**  
(INCORPORATED)

on the steadiest pulling implement. While the seeder pulls light, it is the last place I would put the colt. The unsteady draft over the corn ridges jerks him about a great deal.

A friend of mine sat up four nights trying to bring his incubator up to a temperature of 103 degrees. Ninety-eight was the best he could do. He was about to ship the "consarn" thing back when a neighbor called on him and noticed that the thermometer was on the floor of the incubator instead of on the egg tray. He made the change and, presto, the heat was sure enough there. There is lots in knowing how.

The selection of paint colors for the house is one of the difficult problems which the farmer is confronted with at regular intervals. I think good, substantial colors always look best on the farm, and along with it the quality of the paint should be of a substantial nature, too. There is nothing quite so detrimental to a man's faith in mankind as to find after he has painted

his house or any other building, for that matter, that the paint is cracking and peeling off. It costs just as much to put on poor paint as it does to put on good paint, and the cost of the paint in any event is the least part of the total expense.

Two of the handiest things on our farm are the barrel cart which we use for feeding hogs and the harrow cart.

A good way to protect the roots of young evergreens while planting is to place them in a tub of mud, taking out one at a time when ready to set.

The careless milker who claims that the strainers will remove the impurities from milk, should brush the udders and flanks of eight or ten cows into a pail of water, stir it well and strain until fit for use.

State legislatures of the corn belt have enacted many useful and some useless laws this winter. It were well if there were some way to cut out "freak" legislation. The desire to "father" a bill is the cause of it.

Some men will deny the existence of the dual purpose cow until doomsday, but I can cite you to plenty of Short-horn herds where many of the cows are able to raise two calves and make bouncing big fellows of them, too.

A lady from the city recently visited a farm where Poland China pigs were raised. The owner of the farm told her to come out again in two weeks and they would have roast pig, as the little pigs would then be six weeks old. Quietly to her husband this lady remarked: "I certainly wouldn't eat pigs with black meat." She didn't know that color like beauty is only skin deep.

On all sides can be heard the cry for farm laborers. The city trades seem to be able to pay more than the farm for labor. There may be some significance in the fact. An exchange recently suggested the importation of foreign labor. I know of farms where foreign labor is used exclusively. The men never leave until they are ready to go for themselves, then they induce some friend in the old country to fill their place.

### THE TWO-ROW CULTIVATOR.

A subscriber, Mr. John Crick, sends the following communication:

I wish you would state whether or not the two-row corn cultivator is a practical implement. I have known instances where men have purchased this kind and they are not using them while others who have had experience in handling them believe that it is only a matter of a few years before the single row cultivator will disappear altogether. I wish you would stir up a discussion on this subject and bring forth the views of those who have used the two-row implement.

Almost every argument is in favor of the two-row cultivator as compared with the single row kind. In the first place, the scarcity of help favors the introduction because it means that one man and three horses can do practically the same labor as two men with four horses. In

## Cement Posts 10Cents Each

Cement Fence Posts made from Moore's Patent Fence Post Mold.

You can fasten any kind of fence.

Posts never wear out or rot—and having holes molded in them, you always have a sure way of fastening fence.

Make your posts at odd times—at a cost of only 10 cents each.

Write for descriptive circular today.

MOORE POST MOLD CO.  
327 E. Third St., STERLING, ILL.

## JOIN THE UNITED STATES NAVY

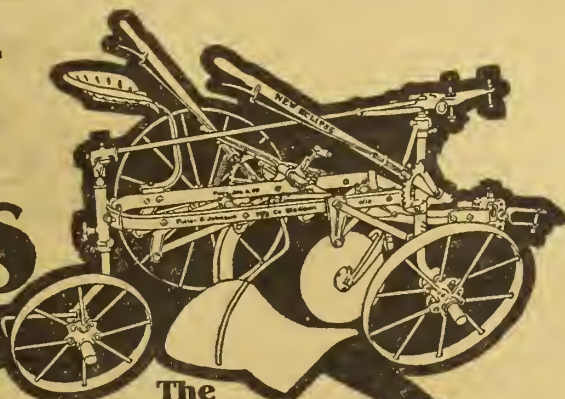
GOOD PAY, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentice seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.

these days when men are complaining of the difficulty of realizing a profit on high priced land when labor is so high, it seems as though here is one of the best opportunities to reduce the expense of raising a crop without materially decreasing the yield. Even though it is assumed that a few more plants will be destroyed during the first and second plowing when the work is done with the two row implement than where the single row cultivator is used, the showing is still in favor of the double row machine.

Granting that the yield will be cut a bushel or two per acre on account of destruction of plants when the crop is young, there is to offset this, the wages of one man. It is impossible under average circumstances to pick up a good man for two or three months and then drop him when the corn is laid by, consequently there is an expense item amounting to the wages of one man for several months which must be charged largely to the corn crop on the average farm of the Central West. Then again it is often impossible to obtain sufficient help of any kind and many farmers are going through the season at least one man short. In this case the two row corn plow solves a most difficult problem, enabling one man to handle sixty or possibly seventy acres of corn where as half this acreage would hold the average man with a single row cultivator.

We beg, therefore, to throw this subject open for discussion and especially invite those who have had experience with a two row cultivator to give the results of that experience through these columns for the benefit of our readers.

## Get This



### The Fuller & Johnson New Eclipse Sulky Plow

and save yourself and team most of the work. This is the easiest running plow made because all weight is carried on the wheels and there is no land side or bottom pressure. Strong, responsive spring on locking device holds plow

down in hard soil or spring can be set loose to have "Stone Dodger" effect in rough land. Unequalled Foot Lift makes it easy to throw plow high when it is in the furrow. This is the highest Foot Lift in any plow. Share and moldboard extra heavy double shinned and made of the best soft center steel, highly tempered and extra hardened. Will scour in any soil.

Fuller & Johnson Mfg. Co.,  
115 Dickinson Street,  
Madison, Wis.

Fuller & Johnson line of farm implements includes Sulky, Gang and Walking Plows, Bemis Transplanters, Harrows, Corn Planters, Cultivators, Listers, Manure Loaders and Frost-Proof Open Jacket Gasoline Engines.

SOIL CULTURE BOOK FREE MONEY MAKING METHODS SOIL CULTIVATION



# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

**SUBSCRIPTION RATES**—Single subscriptions, \$1 a year; ten copies one year, \$10, and an extra copy to gether up of club. In clubs of one hundred or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance \$3; ten years in advance, \$5. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send the old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## LAND ADVERTISING IN THE HOMESTEAD'S CLASSIFIED COLUMNS.

There has never been a steadier or more active demand for improved or unimproved lands than in the past few years; and there are indications that this great movement in the land market will culminate in the year 1907. Those who desire to dispose of lands of any kind will never have a better opportunity to sell them to good advantage than this season.

In view of this unusual situation, The Homestead's department of classified advertising is planning to devote a great deal of attention during the next few months to the subject of lands.

Our special arrangement whereby every classified advertisement in The Homestead is inserted without additional charge in The Farmer and Stockman, of Kansas City, Mo., and The Wisconsin Farmer of Madison, Wis., is proving highly advantageous to land advertisers. The three papers reach 190,000 subscribers and 950,000 readers in the ten great states of Iowa, Illinois, Nebraska, Missouri, Kansas, Oklahoma, Wisconsin, Minnesota, North and South Dakota. The population of these states is more

than twenty-one millions; and nowhere is there a greater demand for land than among the sturdy farmers of this rich mid-western region, and their ambitious sons.

The low price of five cents a word charged for a classified advertisement in these three great farm papers appeals strongly to the land advertiser. There is a minimum charge of \$1.20 even if the advertisement is less than twenty-four words, but this is a reasonable rule on so large a proposition, reaching such a vast number of people. To save book-keeping cash is required to accompany each order.

If you desire to buy, sell or exchange lands or other property, it will be worth your while to investigate our classified advertising department. Read it over and note the large number of land advertisements it contains. Then put your own announcement with the others. The rules governing this department are stated at the head of our classified columns each week.

### The Week in Kansas.

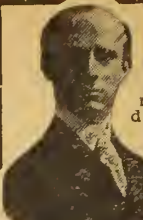
To the Editor of The Homestead:

This week has not been remarkable in any way, but it has been more seasonable. No rain has fallen, which may make it slightly remarkable for the beginning of April, and work of all kinds, as a consequence, has been rushed to the fullest time.

There are some fields planted to corn, but the majority have not yet started their corn planters. Next week will see many commence, if weather holds favorable. Of course there are the same few who rush in and plant a few acres, apparently just for the name of having some corn planted, but we are speaking of the corn raising farmers as a whole. An old saying has it that when the hedge leaves come out, it is time to plant corn, and if there is any truth in that, it is time now for corn to be in the ground. The osage orange hedges are beginning to have a coat of green, something that ordinarily does not come until much later than this. All trees are coming out in leaf fast, while the orchards give to the breeze the sweetest and most genuine perfume imaginable. This is indeed an early spring—the kind old settlers have told us about.

Not very much has been doing but work in the fields. All small grain is sown, and those who raise a few acres of flax each year are now sowing this crop. Ten years ago, flax was quite extensively grown here, but now there is little of it, and the country and the farmers would be better off if none of it was grown.

The soil is beginning to work up a little dry. The winds have sapped the moisture up in a hurry, and we are just now laboring under that question of whether or not it would be best to follow the plows with the harrow. Should



I can prove that the "Knodig" Pitless is the scale you need—if you will give me half a chance. That's all I ask of you. Send me your name and address and simply say you will give the Knodig a 30-day free test. I'll do all the rest. I'll pay all the freight. I'll pay for setting the Knodig right on your premises if I don't prove my case. I'll take all the risk of the Knodig not suiting you. If it doesn't suit you that's my fault and my loss—not yours. I don't ask you to pay me a red cent until you're ready to say "Gumbel, your Knodig Pitless Scale is just what I needed." Do other scale manufacturers give you such a square deal offer as mine? Not by a long shot. They don't dare to. I can afford to do it simply because the Knodig Pitless Scale will stand the test that other scales can't stand.

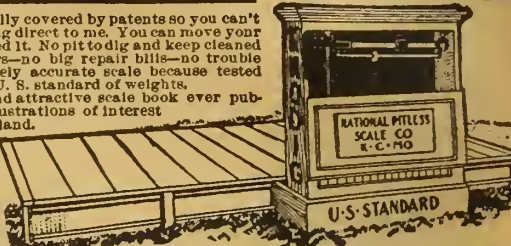
I send the Knodig Pitless Scale from my factory, straight to you, so I save you all dealer's, jobber's and agent's profits. It's the only scale that is good enough to be backed by an unlimited, iron-clad 30-year guarantee. You positively can't afford to buy a scale until you read the big Knodig Book—It's free. Just send me a postal. Read it and then—

Let Me Pay the Freight On a **Knodig** Pitless Scale If It Doesn't Please You After 30 Days' Free Trial

Remember the "Knodig" Pitless is fully covered by patents so you can't buy the best scale made except by sending direct to me. You can move your "Knodig" Pitless Scale wherever you need it. No pit to dig and keep cleaned out—no rusting parts—no rotting timbers—no big repair bills—no trouble at any time, but an ever-ready, absolutely accurate scale because tested and regulated in exact accordance with U. S. standard of weights.

My free book is the most complete and attractive scale book ever published. It contains over 40 handsome illustrations of interest to every Farmer and Stock Raiser in the land. It shows you just how you can save from \$35 to \$50, and at the same time get the best scale made. Send for a copy now. Address me personally like this:—

H. C. GUMBEL, Gen'l Mgr.  
**National Pitless Scale Co.,**  
2011 Wyandotte St., Kansas City, Mo.



## FLINT-COAT ROOFING

QUALITY Remains After PRICE Has Been Forgotten.

Our roofing costs less than shingles; lasts longer. Does not rust like iron.

Every Roll Guaranteed Perfect

Water, Wind, Hail and Fire Proof  
Write for Samples and Booklet

**BUY DIRECT**

**ROCK ASPHALT ROOFING CO.,** Commercial Station, Dept. D.  
ST. PAUL, MINN.

## FINANCIAL CRITIC 3 MONTHS FREE

The Financial Critic is the accepted authority on high-class mining investments in Nevada, Greenwater and the West. It will keep you posted on ALL THAT IS GOOD. It will tell you what your present holdings are worth. It answers all questions pertaining to mines fearlessly and truthfully. Special correspondents in all districts. You can't afford to be without it. Write today and receive it for 3 MONTHS WITHOUT COST.

E. H. KRAMER, Publisher.  
151 Kreider Bldg., San Francisco, Cal.

## FOR SALE

AT A BARGAIN

SIX slightly used Cyclone well drilling machines, five steam, one gasoline power. All in first class shape. Also 2½ horse power gasoline engine. Address,

**B. F. RICHARDSON,**  
DUBUQUE IOWA.

## SOLD ON 3 Months' Trial.

1907 model gasoline engines, all sizes. Highest class, simple engines made. Three months' trial will prove it. For general information and prices address,

Holland Engine Co., Dept. L, Cedar Rapids, Ia.

## BEE KEEPERS

Write for our free catalogue of bee hives, honey boxes, bee smokers, and all kinds of bee supplies at lowest prices.

**LEAHY MFG. CO.**  
1738 So. 13th St. OMAHA, NEBR.

Lady Passport, two years, C. A. Towne.	150
Passport Pet, one year, John Weighton.	110
Audubon, Ia., one year, John Weighton.	205
Passport Maid, one year, John Weighton.	190
Lady Hebe, two years, E. D. Perry, Cushing, Ia.	135

## MR. GALLOWAY'S NEW CREAM SEPARATOR.

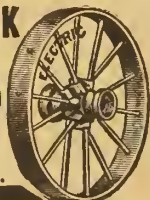
In another column our readers will find an advertisement of the William Galloway Company, where they describe their new cream separator. Mr. Galloway says that his machine has all the good points you will find in any of them. As he offers to allow any one a ten days' trial of this machine he must be sure of the merit of this separator. A liberal guarantee is made on every machine and as a special proposition is made to the first farmer in every section writing we would recommend our readers to investigate this matter. All you need to do is to drop Mr. Galloway a postal, asking for his booklet and special offer. Return mail will bring it. Now, remember in accepting this proposition, you are to be the final judge. It won't cost you a cent if the machine is not exactly as it is claimed to be. It is sold directly to you without any Agent's commission. Address, William Galloway Co., 103 Jefferson St., Waterloo, Iowa. See page 8.

## SAVE YOUR BACK

Save time, horses, work and money by using an

**Electric Handy Wagon**

Low wheels, broad tires. No living man can build a better. Book on "Wheel Sense" free. Electric Wheel Co. Bx 43, Quincy, Ill.



## Wanted Today 1,000,000 Farmers TO INVEST ONE CENT IN A POSTAL CARD

Address it to me.

Say on it.

"Send me your SPECIAL 20,000 Bike Harrow Cart proposition."

You will be glad afterwards, if you do it today.

Yes, sir!

It will pay you big.

I am going to build and sell just 20,000 Bike Harrow Carts for 1907 at a price so low you can't afford to walk. Besides give you a chance on a proposition to get the best harrow cart ever built on two wheels for nothing.

To sell 20,000 carts is a big undertaking, but my proposition is doing it.

It's a little out of the ordinary.

Get in on this 20,000 cart deal while it lasts.

It only costs you one cent to get it.

I then leave it entirely to you if it is not just a little bit the most interesting harrow cart proposition you ever heard of.

Drop me a postal if you don't write another one for six months.

Don't buy a harrow cart anywhere, of any kind, make, or brand, or at any price, until you get my proposition.

I leave it then entirely to you to be the judge.

I know there is no harrow cart built regardless of price, today, that will begin to equal the Bike and meet your requirements like it. The "Proof of the Pudding"

which I send free with my proposition proves that.

It is a high wheeler with positive lock—just right for rough and hilly ground. will turn anywhere without interfering with levers or sections or snaking the driver to pieces.

I have built and sold more harrow carts than all other manufacturers put together and know what is required to make a perfect harrow cart. Sold direct from Factory to Farm. Write me today. It's interesting.

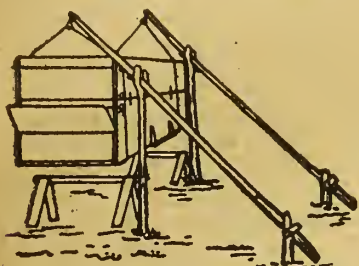
**WM. GALLOWAY, Pres.,** The William Galloway Company, 105 Jefferson Street, Waterloo, Iowa, U. S. A.





# HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

"Enclosed you will find a device which I use for lifting hayracks and wagon-beds from wagon trucks," writes L. D. M., of Conesville, Iowa. In the illustration of this device we have tried to represent the idea to our readers, and for its description we quote from the letter as follows: "The posts which form a fulcrum for the long levers should be eleven feet long and set in the ground three or four feet. These uprights are cut from a tree and have a crotch in which the lever rests. The

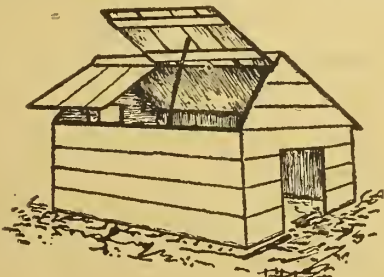


levers are poles fifteen feet long and they rest in the crotch three and one-half feet from the end to which the hoisting device is attached. They may be secured in this crotch by boring holes through the two arms of the crotch and the pole, through which hole a strong iron rod is shoved." Our own opinion would be that this might weaken the lever and it would probably be a better plan to nail cleats on the bottom of the lever which will prevent it from slipping backward and forward in the crotch, at the same time there would be no danger of weakening the same. "The forked posts are set about ten feet apart. The hoisting crane may be made with ropes and chains so that the sling

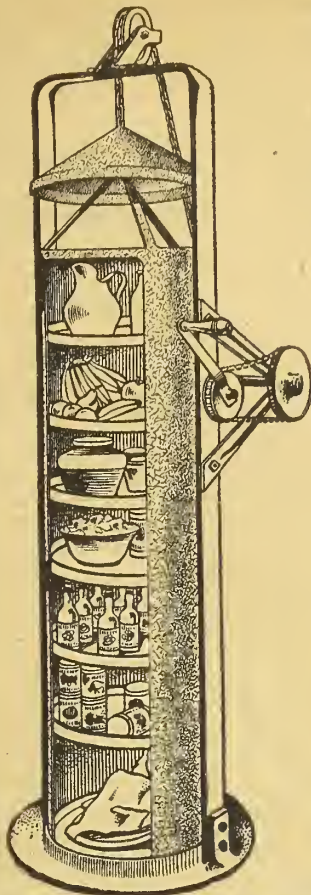
can be easily attached to the box or rack. At the opposite end of the lever, where it touches the ground when the rack is hoisted to its full height, is set a post with an arm, under which the end of the lever can be placed and held in position." The idea is suggested that it would be a good plan to have benches or horses to set under the rack for it to rest on. This would relieve the levers of the strain of holding it into the position that it assumes after being raised from the wagon.

One of our correspondents suggests what appears to be a very good idea for turning screws into wood which is liable to split. It does not always happen that one has the size of bit that corresponds with the size of the screw so that a hole can be bored into wood small enough to fit the screw. In such a case the screw may be turned into the wood a short distance, then with a claw hammer it may be pulled out, which will make the hole about the right size to fit the large part of the screw. This may be repeated until the screw can be turned into the wood without danger of splitting the piece. Another idea which we have seen successfully carried out where it is necessary to drive spikes or nails into very hard wood is that of smearing the nails with ordinary axle grease. It is often possible to drive a nail into hard wood where it is prepared in this manner when otherwise no head-way could be made.

There is more to be learned about the construction of individual hog houses than first appears. It is always desirable to be as economical as possible yet have a plan that will result in a house that can be opened to all the sun possible and one that is handy to give a



farrowing sow attention. A good many of the best breeders are adopting the plan shown in the illustration and wherever used it has delighted the owner. Dimensions are left to the builder, as it is not necessary to have them all the same size, though it is sometimes more saving of lumber. The unhandiness of the V-shaped house has led many to avoid that plan. It requires just about as much lumber as the plan given here and is far less convenient. As is shown, the roof of one side of this pen is hinged at the peak and may be made into one or two doors. These may be raised and when facing the south will allow a flood of sunshine to enter the pen. If the weather is a bit too cold only one can be raised. Further when it is desired to attend the occupants in any way it can be very conveniently done by raising one of the doors. This is impossible in other forms and is one



## A Refrigerator That Needs No Ice

A refrigerator that keeps meat, milk, cream and butter fresh and cold without the use of ice. A refrigerator that doesn't cost anything to keep cold no matter how hot the weather is, that's the

## Galesburg Iceless Refrigerator

The Galesburg will pay for itself in one season by the eatables you save, to say nothing of the saving on ice.

It costs less than a good sized refrigerator and does not cost a cent to keep cold.

It is made of heavy galvanized iron, cannot get out of order, never wears out, can be operated by a child.

We allow you to try the refrigerator for 30 days absolutely without cost to you. If at the end of that time you do not want it, send it back at our expense. The Galesburg is the greatest invention of the age; learn all about it from our illustrated booklet, it's yours for the asking.

Send for a copy today—it's free.

**GALESBURG CORNICE WORKS**  
10 E. Ferris St., Galesburg, Ill.

## LUMBER 1/2 Price

Ten million feet, all sizes, also one million feet iron pipe, machinery, plumbing goods of all kinds roofing, etc. Reference, Merchants - Laclede National Bank. Satisfaction guaranteed or your money refunded. Write to-day for complete catalogue and prices.  
**ST. LOUIS WRECKING & SUPPLY CO., 3867 MANCHESTER AVE., ST. LOUIS.**

of the features that makes this plan of house so satisfactory. The pen may be floored or not as desired.

The sketch of a hog trough and spout for pouring in slop is sent to us by S. S. Laughlin, Kansas. He writes that it is almost impossible to slop a thirsty



bunch of hogs with any degree of satisfaction. To pour the contents of a pail of good, rich kitchen slop over the heads of the hogs is not getting very good results out of the slop. The spout was devised to prevent this waste. It is made flat-bottom, trough shaped and extends from the edge of the trough through between the boards of the fence far enough so that the slop can be poured in it easily. If placed at the right height the swill barrel may be tipped so that the contents may be emptied into the trough without the need of dipping from the barrel with a pail. This idea saves time and labor and is worthy of being put to use.

## More corn means more money



**How to get  
5 to 18  
bushels  
increase per  
acre**

You know as well as we do that if your planter drops too many kernels in the ground at one time, they cannot obtain the proper amount of nourishment from the soil. That means stunted stalks, stunted corn—dollars out of your pocket.

Again if too few kernels are dropped by the planter, the stalks will bear good ears of corn but you lose the yield from the missing stalks. Any good planter will drop two, three, four, five or as many kernels as you want, provided you sort them first with the

## Morecorn Sorter.

It sorts every kernel not only for length and width but for thickness, this is impossible to do by hand sorting. Even a hair's breadth makes a difference in this wonderful machine.

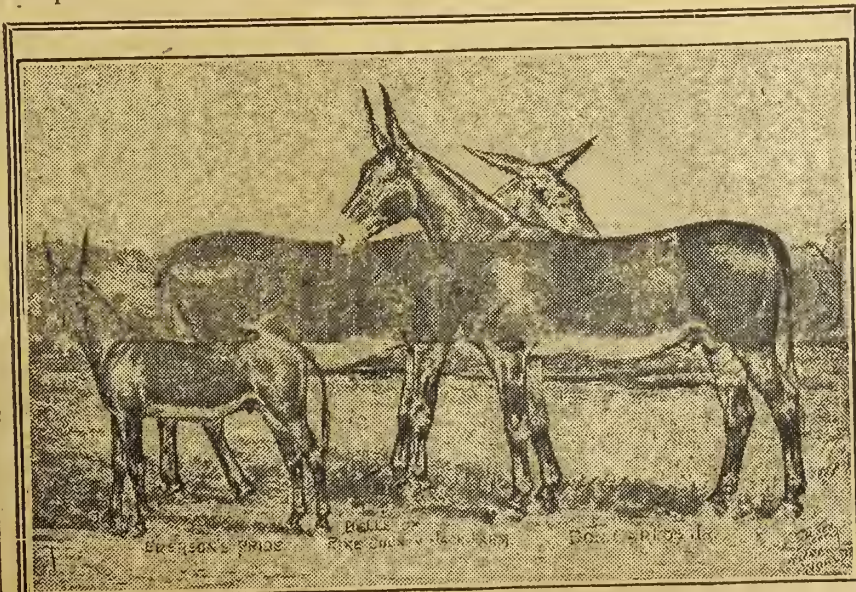
If you sort your seed corn with the MORECORN SORTER, then set your planter to drop 3 kernels, it will drop 3, no more, no less, 100 times out of every 100.

This means 5 to 18 bushels of corn increase for every acre. Does this interest you?

If it does—and it certainly should—sit down while you are thinking about it and ask us to send you our FREE literature.

**Monarch Self Feeder Co.**

95 Main St. Cedar Falls, Iowa



At the famous Pike, County Jack Farm, Green, Mo., there will be found as many been owned at this farm at one time. See and if in the market for jacks or jennets owned by Luke M. Emerson, of Bowling mammoth jacks and jennets as have ever page 30 for Col. Emerson's advertisement write him.

## Uncle Sam's Sheep Dip



is made according to the U. S. formula. It is the up-to-date dip and disinfectant for general use for progressive stockmen and farmers. It is the most powerful non-poisonous germicide. Not only is it the very best, but is sold cheaper than inferior dips and washes.

Prices—1 gal. can, dips 100 shorn sheep, \$1.00; 5 gal. can dips 500 shorn sheep, \$4.00 1 case, (10, 1 gal. cans) dips 1000 shorn sheep \$8.50; 50 gal. brl. dips 5000 shorn sheep, \$40. net cash prices, f.o.b. Minneapolis. Complete directions for use on sheep, cattle, horses, chickens and for disinfecting purposes furnished free.

Booklet of 32 pages, called "Stock Grower's Enemies," sent postpaid for 2 cents. Local Agents Wanted.

No Goods Sold on Credit. Send all orders direct to the manufacturers.

**Northwestern Hide & Fur Co.**  
MINNEAPOLIS, MINN.

## GOOD HARNESS

HOW YOU CAN BUY A FINE \$35 SET DIRECT FROM THE MAKER FOR \$24.

ALL SHIPMENTS ON APPROVAL.

I make all my harness in my own factory right here in Waterloo. I buy all the leather and supplies so I know that nothing but genuine oak-tanned leather is used. I know all my men and every last one of them is a skilled harness maker. My expenses here are low—not one-fifth of what they would be in a large city where most of the harness sold by mail-order houses and local dealers is made.

When you buy from me you deal direct with the maker and that means a mighty big saving.

You take no risk either. All goods shipped on approval and if not entirely satisfactory you send them back

and get your money and we pay charges both ways. As to our responsibility you can refer to any bank or express company in Waterloo or you can look us up in Dun or Bradstreet.

The harness shown in the cut here is our "leader" for 1907. It's a genuine bargain—a splendidly made 14-in. team harness—all of the best grade oak-tanned leather. Just send me the money and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways, if you are not perfectly satisfied.

My big, free Harness Book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address R. M. Knox, Free.

Western Harness & Supply Company,  
613 Main St., Waterloo, Iowa.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion. No insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## REAL ESTATE.

340 ACRES—Finest stock farm in country; one mile from railroad town, 1/2 mile from school; 170 acres river bottom land, excellent soil for timothy and clover; fine pasture with oak openings, two never-failing streams of water, finest kind of corn land, 40 acres under plow; land all fenced, fine hay meadow. Five-room house, barn 18x50, granary and corn crib 18x24. Price \$15.00 per acre, one-third cash, balance reasonable. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

FOIRD COUNTY, KANSAS—800 acres, all river bottom land; every acre finest alfalfa land; 20 feet to water; all fenced; 400 acres in cultivation, granaries, wells, windmills, two sets nearly new improvements. One, a good six-room house, barn, granary; the other a new five-room house, barn, etc. School house within forty rods from either house. Snap at \$27.50 per acre. Easy terms. Bucklin Real Estate Co., Bucklin, Kan.

120 ACRES—55 plow land; 8 ready to plow; 57 timber pasture all fenced; fine creek through farm; pasture land rolling, heavy soil, clay sub-soil. Buildings in fair repair; log house with frame kitchen, good well; hog and hen house, frame granary, frame barn with basement and two additions; 3 1/2 miles from town, 2 miles from school, 6 miles from railroad town. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

WHY NOT COME to Redwood County, the garden spot of Minnesota? There never was a better time to make profitable investments in improved farms than are offered here now. I have a number of farms with high-class improvements. 600 acres adjoining this town site, \$45 per acre; 150 acres, one mile, \$43; 250, five miles, \$38; 160, five miles, \$30. For further information, write A. J. Weldon, Wabasso Minn.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

320 ACRES FAIRM in Sherman County, Kansas. 40 acres creek-bottom land, suitable for alfalfa, 200 acres level wheat land. Two miles to postoffice, school, church, and general store. Ten miles to town of 2,000 people. No improvements. Price, \$10 per acre. Apply to Albert E. King, Goodland, Kan.

AN IDEAL FARM—400 acres about nine miles from the county seat; 250 acres good wheat land, 15 acres first-class alfalfa land, balance excellent pasture land, plenty of living water. This land lies close to school and is A. No. 1 layout, for \$7.00 per acre. Write for list. O. K. Land Co., Meade, Kan.

IF YOU WANT a fruit ranch, if you want to make money, invest in Lake Chelan fruit lands, big developments this spring; new railroad and development of immense water power assured. For information write C. G. Tidout & Co., Chelan, Wash.

EIGHTY ACRES sugar beet land, Hamilton Co., Kansas; 2 miles county seat; 55 acres under ditch, Arkansas Valley land, \$40 acre. Mortgage \$1,800 (trade). E. H. Johnson, Peabody, Kansas.

## REAL ESTATE.

WHY DO YOU GO to the extreme Northwest when you can buy the best kind of land in central Wisconsin much cheaper and be living in God's country under the Stars and Stripes, and be nearer the best markets, such as Chicago, Milwaukee, Minneapolis, St. Paul and Duluth? The land is the most fertile, water the purest and best, and the grazing grasses grown are unequaled in any part of the country. Think for yourself. This is the best opportunity in the United States today; the climate is delightful and conditions such that any man who will work will make big money. Write for lists of improved and unimproved farms stating what you desire. J. W. Gray, New Auburn, Wis.

34-ACRE SUMMIT ITESQUIT—60 rods of lake shore, five miles from railroad town, 50 miles west of Minneapolis, and a fine business already worked up, buildings all in fine repair. Main house, 16x24; L. 16x16; dining-room, 16x24; another house, 16x24; six cottages 12x20 and 12x24; one barn, 16x24; buggy shed and other buildings, nine good boats, 12 or 15 beds. Price, \$4,000, if sold by May 1st; \$4,500 after May 1st. Whitney, Rosenberger & Thayer, St. Cloud, Minn.

OKLAHOMA 25 CENTS—Oklahoma colored new state map and book describing soil, crops, rainfall, climate, church, school and social conditions, with free information mailed on receipt of 25 cents. James M. Powers, Lawton, Oklahoma.

SUMNER COUNTY, KANSAS—240 acres all in cultivation. One mile from town; 160 acres in wheat; small house and barn; best black soil. Good as Iowa or Illinois. Price \$40 per acre. Clark & Whitmer, Conway Springs, Kansas.

160-ACRE FARM in Queen's Valley, Sargent County, North Dakota, 40 acres brooked; no improvements; raises good crops; will price reasonable. Address, T. E. Lawrence, Portsmouth, Iowa.

FARMS FOR SALE in corn belt. Improved and wild lands for homes and investments. Irrigated and northern land. Write for new list. A. W. Baird, Marne, Iowa.

IDAHO, MISSOURI, AND SOUTH DAKOTA. Ranches, farms, and lands, for sale cheap and on easy terms. Write for lists to R. F. Buller, Hailey, Idaho.

FOR SALE—Farms, Reno and adjoining counties, ranches west, special bargain. Write me what you want. A. M. Jewell, North Main Street, Hutchinson, Kansas.

MONEY GROWS in Canada in the wheat fields. I will help you procure these fields. Write me for information. Asberry Singleton, Gladstone, Manitoba, Canada.

FOR SALE—160-acre farms to actual settlers, easy payments. Address, Wm. H. Bush, 243 Adams St., Chicago, or James A. Bush, Amarillo, Texas.

AN IMPROVED 160-acre farm for sale, in Wells county, North Dakota. Inquire of owner, R. S. Christy, Chasely, Wells Co., N. Dak.

A GOOD FARM FOR SALE—160 or 500 acres, three-quarters of a mile from depot. G. H. Watson, Barry, Illinois.

## REAL ESTATE.

CENTRAL MISSOURI FARMS—For farms and homes that will prove both satisfactory and profitable, write for new illustrated list; 160 farms described and priced. Geo. W. Hamilton & Son, Fulton, Missouri.

FOUR exchange, merchandise, hardware, houses, blocks, hotels and mills for farms, northern lands for southern farms. Land for sale cheap, improved or wild. American Land & Ex. Co., Minneapolis, Minn.

WANTED—Good farming land, correspondence with owner solicited. Give acreage, produce, location, description, lowest cash price. L. B. Hungerford, Denver, Colo.

BELLEV & CO., Wichita, Kansas, handle the best farms in Kansas and Oklahoma, also timber lands in all parts of the south. Write for list.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## SONGS.

"IOWA, BEAUTIFUL LAND" and "Old Flag," two beautiful songs for schools, 15 cents per dozen. Tac. Hussey, Des Moines, Iowa.

## AGENTS WANTED.

AGENTS—Sell automatic self-cleaning chrycomb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Itasca, Wis.

## HORTICULTURE.

STRAWBERRY PLANTS—Unlimited stock of thrifty plants from strain of the most prolific fruit-bearing variety. Satisfaction guaranteed. Immediate shipments. 200 for \$1.00; 500 for \$2.00. V. L. Strawn, Dana, Ill.

STRAWBERRY PLANTS—75 varieties; catalog telling how to grow them, sent free. D. McNally Co., Sarcosie, Mo.

STRAWBERRY GROWING taught at home. Book free. H. T. Schild, Tonia, Mich.

DAHLIAS—Twenty kinds, \$1.00. Catalog. H. Burt, Taunton, Mass.

## GASOLINE ENGINES.

EIGHT Horse Power, Callahan Gasoline Engine cheap; guaranteed. L. Bendit, 1300, W. 11th St. Kansas City.

## HORSES.

FOR SALE—Black and white pony stallion for sale or will trade for good draft colts either grades or registered. Address, Frank Slapnicka, Lowmoor Clinton Co., Iowa.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

## CATTLE.

A FEW CHOICE Aberdeen Angus bulls for sale at farmer's prices. Best blood strains. Write or come. Satisfaction guaranteed. James Ferrier, Mason City, Iowa.

TWENTY HEAD of registered Hereford cows and heifers with calf at foot by Doncaster 102834, a son of Lamplighter, very cheap. Frank Festl, Nora Springs, Iowa.

## HOGS.

DURO PIGS at weaning, either sex \$7.00; pairs not akin \$12.00; trios \$16.00. Order now. Hilerest Farm, Bryant Bulfinch, Kansas City, Mo.

## ANGORA GOATS.

WELL BRED Angora goats in pairs or any number to suit. W. L. Dale, Bassett, Neb.

## MISCELLANEOUS.

FIREMEN AND BRAKEMEN on all railroads. Age 20 to 30; over 140 pounds; five feet five inches. Experience unnecessary. Firemen, \$100 monthly, become engineers and earn \$200. Brakemen, \$75, become conductors and earn \$150. Name position preferred. Railway Association, Room 107, 222 Monroe St., Brooklyn, N. Y.

TYPEWRITERS—All makes, all prices. Large stock of 22 makes to select from; prices 1/4 to 1/2 manufacturer's prices. Slightly used and factory rebuilt machines our specialty; full guarantee. We ship on approval anywhere. Write for bargain list. B. F. Swanson Co., 222 Fifth Street, Des Moines, Iowa.

ONLY 15 CENTS IN STAMPS—Swedenborg's "Heaven and Hell," rightly named "The Greatest Work on the Future Life." Paper, 405 pages. Rev. L. G. Landenberg, 3741 Windsor Place, St. Louis, Missouri.

CREAM CREAM! Send us your next shipment that we may convince you that profits will be increased by shipping direct. Des Moines Creamery Co., Des Moines, Iowa.

UNEXCELLED LOCATION for dairyman. Local demand for milk greatly in excess of supply. Chas. S. Choe, Western Agent, 722 Chemical Bldg., St. Louis, Mo.

MANLOVE AUTOMATIC GATE. Send stamp to secure valuable souvenir free. Manlove Gate Co., Milton, Ind.

## Some Essentials in Fitting Hogs for Show

BY WAYNE DINSMORE.

Winners are not made in a day. Men who expect to show at the fall shows, for the many advantages accruing from such exhibitors, have need for preparation now.

The spring pigs that are to make history in the fall fairs are farrowed by this time. Already the eye of the breeder is dwelling in fond hope on some of the most promising youngsters. Their feed and management from now till show time will make or mar the breeder's success; and full often a tritling slip, through carelessness or ignorance, has set back success for a year or more. The suggestions here offered are drawn from a personal study by the writer, of the methods pursued by three of the most successful hog men in America, Ed. Klever, Frank Wynn and N. H. Gentry. Wynn and Gentry won chief honors at the St. Louis Exposition on Poland Chinas and Berkshires, respectively; and Ed. Klever is better known and more widely respected, as a hog breeder, feeder and judge than any other Poland China breeder in America. Their methods represent experiences and success.

In fitting spring pigs for fall shows, it is necessary to begin before they are created; in other words, the sow and boar should have been in the best of condition at mating time, and the sow should have been so fed and managed as to assure that the pigs are strong, vigorous and full of vitality. It is impossible for even the most experienced breeders to make definite selections before the pigs are four months old. For this reason, sows that have litters that show pigs are expected to come from, should have the best care and feed while nursing, in order to permit of the most rapid growth of bone and muscle in the young pigs.

This desired end can best be secured

by permitting sow and pigs the run of a clover or alfalfa pasture, with a small house to sleep in at night, or to take refuge in on stormy days. Besides the pasture, sows and pigs should be allowed all they will clean up twice a day of one of the following rations: (1) Corn one-fourth, oats one-fourth, middlings one-half, mixed with skimmed milk in proportions of one pound grain to three pounds of milk; (2) corn one-third, oats one-third, middlings one-third, with skimmed milk in same proportions as above. Corn and oats should be ground very fine for show stock, and 10 per cent of oil meal can be advantageously

added to both of above rations. Milk is essential. The other feeds in the rations may be changed (though it is seldom advisable, as only the cheapest and most available feeds are included in the two foregoing rations), but no man of experience will try to fit pigs for show without milk, even though he has to establish a dairy to get the milk.

If the litter is large, three feeds a day may be given, but care should be taken to clean out troughs and to feed no more than the sows and pigs will clean up in half an hour.

The pigs thus fed will practically wean themselves by the time they are ten or twelve weeks old, so that the transition period will be free from set back to pigs. About this time selections for show can be made, but three or four of the most promising pigs should be selected for every place where one is to

be shown. This again is done because it is out of the question to foretell exactly how certain pigs will feed out. This does not mean that culls should be selected, but does mean that the best pigs in the respective litters—pigs that are as near alike as peas in a pod—should be given equal chances to develop. Surprises often occur, and those not shown will sell for enough more to pay for the extra cost of fitting.

From the time the pigs are weaned, they should be fed on the same feeds as before weaning; but three feeds per day should be the rule. Such pigs, on full feed, may also be allowed what shelled corn they will eat, as an extra. It can be fed at any convenient time, as at night, just after they have cleaned up their usual slop feed.

During the last six weeks, it is a good plan to make the noon feed consist of wheat and oats, half and half, ground together into fine form. This should be mixed with milk, as in the case of the other grains. Such a mixture, fed at noon, adds variety to the ration.

Yearling boars and sows may be fed on the same ration, and in about the same way, but they need not be fed so heavily. In fact, it is hardly needful to feed them all they will clean up, until the last sixty days; and soaked shelled corn should be given as an extra throughout the whole feeding period, as it is cheaper than the slop feed, and can be used to reduce expense on the older hogs without injurious effects.

In actual feeding, good judgment must be used in feeding the hogs all they will clean up, but no more. Their appetites vary from day to day. On extremely hot, sultry days, very much less than usual will be eaten; on cool, cloudy days much more than usual will be eaten up and utilized. The successful herdsman must ever keep this in mind.

Thickets or numerous shade trees in the lots afford the ideal shade conditions. Where lacking, artificial shades must be provided by placing a few boards over posts and joists, so as to protect the



## No More Sore Necks or Shoulders.

The Humane Horse Collar, which by the way has no resemblance to the ordinary collar, is a new device brought out by the Humane Horse Collar Company, of Omaha, Neb., and is meeting with extraordinary success. As shown in the cut, it has no stuffing of any kind, but is so constructed as to apply the breast collar principal to the shoulder of the horse. All the draft is carried by wide,

strong leather that makes a perfectly pliable surface in contact with the shoulder. It is claimed for this collar, and the manufacturers are willing to prove that it will cure any case of sore neck or shoulders on horses and mules and will make the cure while the animal works. It being adjustable in size one collar fits all the horses on the farm. Farmers who are using this collar are making the prediction freely that it will soon take the place of the old collar for all farm and heavy draft work, in fact hundreds of farmers are laying aside good collars and using the Humane Collar. An interesting experiment is made with this collar by placing the hand under any part of it while the team is drawing a heavy load. This is done without hurting the hand in the least and illustrates why it cures up and keeps the well horses sound. If this experiment was tried with the ordinary collar the hand would be crushed. The world has made rapid strides in most every line in recent years. Why can we not advance in the field of horse collars? The Humane Collars are sold subject to a thorough trial on horses with sore necks or shoulders. The company would be glad to have you write for further particulars to the Humane Horse Collar Company, Omaha, Neb. A descriptive circular will be sent free to any reader who mentions The Iowa Homestead. See advertisement on page 22



# CLASSIFIED ADVERTISEMENTS

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## PLYMOUTH ROCKS.

THE QUALITY of my White Plymouth Rocks will produce prize winners. My poorest mating is headed with a \$25 male bird direct from Fishel. Eggs from my yards are 15, \$3.00; 30, \$5.00. R. C. Sheffer, Van Wert, Iowa.

BARRED Plymouth Rock eggs. Also a few extra cockerels left. Finest flock of large, big boned, blocky, high scoring, 200 eggs per year producing hens. Low prices. Write me. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

HIGH-SCORING White Plymouth Rocks. 94 to 96%. None better. Eggs, \$2.00 per 15, \$5.00 per 45, and I prepay expressage anywhere in United States. Thomas Owen, Poultry Editor, Topeka, Kansas.

BARRED ROCK EGGS from prize-winning strain, guaranteed highest quality; excellent layers, large boned, healthy; circular free. \$1.00, 14; \$5.00, 100. Mrs. D. Paulson, Route 5, Box 88, Harlan, Iowa.

WYSONG'S BARRED ROCKS are finer than silk, none better. Booking orders for eggs. \$3 per 15; \$5 per 30. Satisfaction guaranteed. O. B. Wyson, Cashier Bank of Fithian, Fithian, Ill.

BARRED ROCKS exclusively, choice stock, farm range. Fifteen eggs, \$1.00; 50, \$2.50; 100, \$4.00. Safe delivery and satisfaction guaranteed. Adam A. Weir, Clay Center, Neb.

KENNEDY'S Barred Rocks. Eggs for hatching, \$1.00 per sitting; \$4.00 per hundred. From extra good layers. No culls shipped. Write J. S. Kennedy, Blackton, Iowa.

BARRED Plymouth Rocks exclusively. Large boned, good layers; 15 eggs, 75c; 30 eggs, \$1.25; 100, \$3.50. Satisfaction guaranteed. Mrs. G. W. Saunders, Marceline, Mo.

BARRED Plymouth Rocks exclusively. Twelve years a breeder. Eggs, 15, \$1.00; 30, \$1.75. Large deep barred birds, good layers. D. E. Donahy, Newton, Iowa.

BARRED ROCKS—Males scoring 91 to 92%. Females 90 to 92%. Eggs, \$1.50 per 15, \$2.25 per 30. Satisfaction guaranteed. A. Norris, Box 301, Grinnell, Iowa.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 60c per doz. Mrs. John Holmgren, Gilmore City, Ia.

WHITE ROCKS—Three first prizes at Oelwein Show. Eggs, \$2 per 15; incubator eggs, \$4 per 100. Stock for sale. G. H. Blake, Oelwein, Iowa.

BARRED ROCKS—Eggs for hatching. Ideal strain, 15 for \$1.00; 30 for \$1.75. Satisfaction guaranteed. Mrs. Lizzie Lemke, Merrill, Iowa.

EGGS from prize-winning Barred, Buff and White Plymouth Rocks. 15 eggs, one dollar; 45 eggs, two dollars. A. Matthews, Mt. Union, Iowa.

BARRED ROCK EGGS, \$1 per 15, \$5 per 100. Bright Latham Russell strains. Circular free. H. M. Jones Co., Graceland Farm, Berwick, Iowa.

WHITE Plymouth Rock eggs for hatching from fine, large boned birds of Fishel strain, 15 for \$1.00; 100 \$5.00. C. J. Rose, Ogden, Iowa.

EGGS—Barred Rocks, 15, \$1.00; 30, \$1.75; 100, \$5.00. R. C. Rhode Island Reds, 15, \$1.50; 30, \$2.75; 100, \$6.50. Harry Van, Emmetsburg, Iowa.

WHITE ROCKS, Fishel strain, high scoring farm range; 15 eggs, \$1.00; 30, \$1.75; 100, \$4.00. D. W. Crouch, Ogden, Iowa.

BUFF PLYMOUTH ROCK EGGS, \$1.00 for 15, Pekin duck eggs, \$1.00 for 12. Mrs. J. W. Martin, Mason City, Illinois.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

BARRED ROCK EGGS, 25, \$1.00; 100, \$3.00. Mrs. C. H. Medbury, Wadena, Iowa.

## BLACK SPANISH.

WHITE FACED Black Spanish exclusively for 11 years world's fair winners. Eggs \$1.50 per 15, \$4.00 per 50, \$7.50 per 100. H. W. Chestnut, Centralia, Kan.

## LEGHORNS.

PURE ROSE COMB BROWN LEGHORNS. Eggs, 15, \$1.00. Rates on fly or more. Baby chicks 15c a piece. My mite remedy free to every purchaser. Cheap as dirt. Mrs. Ida Standiford, Reading, Kan. "Up-To-Date" Farm.

BROWN LEGHORNS, Single or Rose Comb, eggs; also a few Rose Comb cockerels left. Finest flock of heavy layers, excelling 225 eggs per year. High scoring. Prices low. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

MONEY-MAKING Buff Leghorns, Single Comb, solid buff, farm raised. Large white fresh eggs shipped promptly. Thirty, \$2.00; 108, \$5.00, or your money's worth. Mrs. Agnes Smiley, Bradyville, Iowa.

Rose Comb Brown Leghorns a specialty for twenty-six years. Fifteen eggs one dollar; fifty, three dollars; one hundred, five dollars. Hazeldell Poultry Farm, Chas. Lyman, Clarinda, Iowa.

ROSE COMB BROWN LEGHORNS exclusively. Twenty eggs, one dollar; one hundred four dollars. Strong, healthy and extra good layers. C. E. Lister, Iowa City, Iowa.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York prize winners. 25, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

ROSE Comb Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmond, Iowa.

ROSE COMB WHITE and Rose Comb Brown Leghorns. Eggs from fine stock, 15, \$1.00; 39, \$2.00; 100, \$5.00. Mulberry Farm, Route 7, Bluffton, Ind.

S. C. B. LEGHORNS are the kind that lay. Eggs from prize winning stock, \$1 for 15, \$5 per 100. Mrs. Rosa Gardner, 1103 Walnut St., Osage, Iowa.

ROSE COMB Brown Leghorns, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 30, \$1.00. E. B. Sinn, Route 3, Brighton, Iowa.

SINGLE COMB Brown Leghorns. Eggs from pure bred birds, 25 for \$1.00; 100 for \$3.50. Mrs. Eugenia Elliott, Centerville, Iowa.

ROSE AND SINGLE COMB Brown Leghorn eggs. Prize winners in pens. Mrs. Clyde Nelson, Birmingham, Iowa.

## TURKEYS.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

EGGS—White Holland turkeys, from selected young stock; plenty of size. 11 for \$2.75; 22 for \$5.00. J. H. Shirley, Norborne, Mo.

## RHODE ISLAND REDS.

RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White, Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javas. Hardy, prolific, farm bred, pure stock. For birds, moderate prices or "eggs to hatch" at 10c each, write Walter Sherman, Edgewood, Newport, R. I.

EGGS, Single Comb Rhode Island Reds, exclusively. Won first cockerel, first pullet, second pen, Iowa State. \$2 for 15. C. A. Kenworthy, Oskaloosa, Ia.

ROSE COMB Rhode Island Reds best winter layers. Eggs from prize winners, two dollars for fifteen. H. A. French, Algona, Iowa.

SINGLE COMB Rhode Island Reds exclusively. Eggs sold under good hatch guarantee. Address, H. F. Bolton, 6, Denison, Ia.

SINGLE COMB REDS exclusively. Eggs, \$1.00 and \$1.50 per sitting. Also incubator eggs. Mrs. G. E. Osthelmer, Eldora, Iowa.

SINGLE COMB REDS exclusively. Eggs from prize winners at popular prices. Hites Bros., Route 3, Beacon, Iowa.

RHODE ISLAND REDS—Eggs, one dollar sitting, six dollars hundred. G. Weiser, Humboldt, Ia.

GRAND Rose Comb Reds. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## WYANDOTTES.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

BURD'S BUSINESS BREED. White Wyandotte winners. Eggs, \$1.00, \$3.00 per 15; \$5.00 per 100. Polder free. Write Maple Dell Farm, Route 4, Lee, Ill.

WHITE WYANDOTTE cockerels, hens and pullets for sale. They are beauties; eggs from high quality stock, \$2 per 15. S. W. Harr, Riverside, Ia.

EGGS—From choice snow White Wyandottes. My pens have been selected with care. Birds good shape; sitting 15, \$1.00. W. M. Jackson, Bedford, Ia.

WHITE WYANDOTTES. I will sell a limited number of eggs, \$1.00 for 15, from my prize winners. Geo. Aid, Gallatin, Mo.

EGGS—Partridge Wyandottes, \$1.25, 15. 12 other kinds. Circular free. A. Arends, Blairsburg, Iowa.

## LANGSHANS.

LANGSHANS, Black and White. Ideal farmers' fowl, great layers, large eggs. Eggs from Chicago winners. Whites, \$3.00 per 15; Blacks, \$2.00 per 15. Illustrated catalog free. Rees Matson, Greencastle, Indiana.

BLACK LANGSHAN EGGS from pen headed by cockerel scoring 95½ points, \$2.50 per 15. Flock, \$3.00 per 100. Mrs. C. C. Wilmarth, Harris, Iowa.

BLACK LANGSHAN EGGS from prize-winners and stock scoring 92 points. \$1.00 per 15; \$1.50 per 30. Mrs. M. A. Barnes, Leighton, Iowa.

FIFTEEN Black Langshan eggs, \$1.00; 100 for \$5.00, from fine large stock. Catalog free. Address, Margaret C. Daly, Anamosa, Iowa.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Phillip Stalcup, Lorimer, Iowa.

## ORPINGTONS.

SINGLE COMB BUFF, Black, White and Rose Comb Whites. Thoroughbreds, prize winners, scoring to 98. Stock, eggs, chicks for sale; reasonable prices. Dr. Evans, Le Grand, Iowa.

GRAND Single Comb Buffs. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## BRAHMAS.

LIGHT BRAHMAS EXCLUSIVELY—Pure bred farm range eggs, 75c per 15, three sittings, \$2.00 or \$3.75 for 100. Address, Mrs. Mary E. Harkness, Rural Route 2, Creston, Iowa.

EGGS from high-scoring Light Brahmas, \$1.25 per 30; \$3.75 per 100. Mrs. A. J. Applegate, Gilmore City, Iowa.

## MINORCAS.

ROSE COMB MINORCAS—They lay twenty dozen eggs a year. Eggs for hatching from prize stock. Illustrated circular free. G. A. Clark, Seymour, Indiana.

EGGS FOR HATCHING from best Single Comb Black Minorcas, \$1.50 per fifteen. F. A. Butterfield, Oids, Iowa.

## DOGS.

SCOTCH COLLIE male ten months old, sable with full white markings. This is a beautiful collie; will ship on approval. First draft \$20 gets him; pedigree with sale. Two fine male pups 12 weeks old, \$7 each; pedigree with sale. S. W. Harr, Riverside, Iowa.

IMPORTED Sunnybrae Masterpiece at stud fee, \$16. We also have large number of puppies, stud dogs and brood bitches for sale. Sunnybrae Collie Kennels, P. R. Clark, Manager, Bloomington, Ill.

RATS! My Scottish Terriers will make them git. Very fine puppies, males \$10, females \$7; pedigree with sale. Bred bitches \$25. Registered and expert ratmen. S. W. Harr, Riverside, Iowa.

## MISCELLANEOUS POULTRY.

BLUE RIBBON Poultry Club won this winter 40 first premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Sebright and Black Tail Japanese Bantams, Bronze turkeys, Itouen ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter, (secretary), Clarinda, Iowa.

PEN WHITE PLYMOUTH ROCKS, eight pullets, Fishel strain, cockerel, Foster strain, \$15. Pen silver laced Wyandottes, eight pullets and cockerel, \$15. Pen Buff Cochins, six pullets and cockerel, \$25. Trio Golden Polish, \$5, cockerels, \$2. Single Comb White Leghorn cockerel, \$2. Eggs, \$1.50 per 15; \$2.50, 30. White Crested Black Polish eggs, \$2, 15; \$3.50, 30. Wu. Nellers, Cascade, Iowa.

MAMMOTH Bronze turkey eggs, 25 cents each; Toulouse geese, 15 cents each; Pekin ducks, \$1.50 per 11, \$2.25 per 22. Single Comb Brown, White and Buff Leghorns; Rose Comb Brown and White Leghorns, \$1.25 per 15, \$2.00 per 30. Single Comb Buff Orpingtons, \$2.00 per 15. Mrs. Wm. Guida, Osogood, Iowa.

EGGS AT HALF PRICE—\$1.00 for 15; \$2.00 for 30. Barred Plymouth Rocks, Black Langshans, Buff Plymouth Rocks, Buff Orpingtons, White Plymouth Rocks, Light Brahmas, Buff Leghorns, Cornish Indian Games, White Leghorns, Rhode Island Reds. T. J. Pugh, Fullerton, Neb.

IRA GREGORY, originator famous Yellowhills strain Barred Plymouth Rocks, Bronze turkeys, Pekin ducks. Twenty years reliable and winning kind. Breeders and eggs for sale. Ira Gregory, Box P. P., Lexington, Ill.

BARRED AND WHITE ROCKS. Eggs from pens, \$1.00 and \$1.50 15; \$1.50 and \$2.50 30; \$4.00 100. From large, well-shaped, healthy birds. White Holland turkey eggs, \$1.50, 10. H. G. Kirchner, Donnellson, Iowa.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

EGGS FROM BEST Barred Rocks, Buff Rocks, Buff Wyandottes, White Wyandottes on earth, at very low prices. Send for Descriptive Price List. Macon Poultry Farm, Macon, Missouri.

ORPINGTONS, Rhode Island Reds, Partridge Wyandottes and 20 other varieties, each on separate farm. Eggs, \$6.00 per 100, \$1.00 for 13. Catalog free. Harris Poultry Co., Clay Center, Neb.

SINGLE COMB Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92½ to 94½ points. Eggs for hatching 75 cents for 15, 100 for \$3.00. Mrs. William Hudson, Lohrville, Iowa.

BOOKLET on turkey raising, 35c. Special price, 25c (silver). Free to customers. Special prices turkey, geese, duck and chicken eggs. Ideal Poultry Farm, Reedsburg, Wisconsin.

MAMMOTH BRONZE turkey and White Wyandotte eggs for large stock of extra quality and outstanding individual merit. Farmer's prices. W. S. Henderson, Browning, Ill.

WE BREED WINNERS and sell eggs that hatch winners, from fancy chickens, turkeys, ducks and geese. Write at once for prices to Newell & Warner, Whitewater, Wis.

WHITE WYANDOTTES, White Rocks. Eggs from best pens, \$2.00 per 15; incubator eggs, \$4.00, 100. Pekin duck egg, \$1.00 per 15. L. E. Walker, Fayette, Iowa.

READY NOW—S. C. Rhode Island Red and Black Langshan eggs. Four pens: Reds, \$2 and \$1.50, Langshans, \$1.50 and \$1. L. & L. Raymond, Hampton, Ia.

S. L. WYANDOTTES and S. C. Brown Leghorns. Eggs, 15, one dollar; 50, three dollars; 100, five dollars. Write, W. H. LeValley, Logan, Iowa.

EGGS—S. C. W., S. C. B. Leghorns, R. P. Rocks, Pekin ducks, 34 firsts 1907. Write for circular. Mrs. Sven Skeie, Story City, Iowa.

EGGS from Rose Comb White Leghorns, Barred Rocks, 75c per sitting; \$4.00 per hundred. Circular free. F. Wendt, Alden, Minn.

WHITE ROCKS scoring from 91-95. Eggs, \$1.50 per 15. Pekin ducks, \$5.00 per 100. Stuart Industrial Academy, Stuart, Iowa.

FOR SALE—White Holland toms, White Wyandotte cockerels. Orders booked for eggs. W. A. Marsh Jr., Alledo, Ill.

hogs from the heat. These artificial shades should not be located in a hollow, but rather on the hillsides or hill-tops, where the breezes are always stirring. Fresh water must be provided in abundance; and wherever possible, wallows, with gravel in bottoms, should be provided. Hogs relish a bath in hot weather, especially in cool water.

Great care should be taken to make the hogs gentle, and they should be accustomed to driving. Young pigs will take exercise enough, if on pasture, as they should be. Yearling and aged boars and sows are sluggish, and must be given exercise every morning before sunrise, if they are to be kept in good fettle on feet and legs. The champion Poland China boar at the St. Louis Exposition owed not a little to his stylish carriage and vigorous movements, which were due to the fact that he had received half a mile of exercise early every morning for four months prior to the show.

Pasture, careful management, good feed well prepared, abundance of milk, and exercise are the essentials in fitting hogs for show. Disregard of any of these is apt to ruin chances of success.

## Effects of Improper Feeding.

To the Editor of The Homestead:

The following communication from one of your subscribers has been referred to me:

I wish you would tell me through the columns of your paper what is the matter with my chickens. Some act as if they had a cold in their heads. Their heads swell; they sneeze, and there is a running off from the bowels. The droppings seem to be white and green and sometimes very offensive. Then their mouths get sore. One day they will seem all right and the next they will be lame and running off from the bowels. I feed hot mash and potatoes with pepper, onions and garlic, chopped, in the morning; also give warm water with copperas. They also have plenty of corn and bone. I have lost turkeys with the same trouble; also guinea fowls.

The trouble with these fowls is improper feeding. Hot mash and warm water are sure to cause colds, roup, and kindred diseases. Copperas should also be used very sparingly, and where specially indicated for some trouble, as it is an irritant poison. The fact that the disease spread to the turkeys and guinea fowls, shows that the handling of the birds was wrong.

My advice would be to kill the fowls most seriously affected, clean and disinfect the quarters in the most thorough

fashion, having a place where any birds showing signs of sickness could be quarantined. Any good roup cure in the drinking water would help these out, if there was any help for them.

A complete revolutionizing of the methods of care and feeding will be imperatively required, if the flock is to be made healthy and money-producing. In the first place, cut out the hot mash. If mash must be given, let them be only warm in temperature. But why not try dry feeding? It is carried on with great success by thousands of poultry raisers, and it saves half the labor, besides increasing health and egg-fertility. It is a clean way of feeding, and its results have won for it hosts of friends and adherents. It is very hard to feed mash in a sanitary manner, or in such a way that the strongest and greediest fowls will not get the lion's share, the weaker and more timid being left out altogether.

The drinking water should never be much more than lukewarm. In very cold weather, it is necessary to take it from the house somewhat warm, but when it reaches the fowls, it should be at the moderate temperature spoken of above. As a rule, keep drugs out of the drinking vessels. The exception is in the case

of roup, or some acute disease, when the easiest and surest way to administer remedies is through the water, the fowls thus taking their own medicine.

Too many potatoes make bowel trouble. Onions, likewise garlic are good occasionally as appetizers, but should not be given daily. Leave pepper and stimulants out of the food, and get back to nature's methods. By thus changing radically the food and drink, I believe these fowls will soon show a decided improvement. Mrs. S. B. Titterington.

The utility qualities are very much what we make them in all breeds. There are strains in all breeds that are good layers, and there are others that are poor layers. It is just so with individual birds in all flocks. If each year we mate only the cream of our flocks, we annually increase their profitability.

The meanest farmer we know of is one who has his wife interested in the chicken business, makes her take full charge, and then sticks the money in his pocket. Yet we heard that same fellow talking down at the village store of how capital oppressed labor.

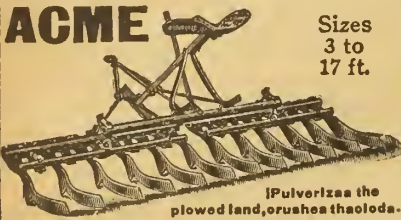


## Try this FREE Harrow

RETURN AT OUR EXPENSE  
IF IT DOESN'T PLEASE YOU.

Here is a harrow that looks very different from the old pike or spring toothed harrow.

It is different. Every point of difference is a point of big improvement. It is as much better than the old fashioned harrow as a modern plow is better than the Indians' crooked stick.



Sizes  
3 to  
17 ft.

Pulverizes the  
plowed land, crushes the clods.

The coulters or teeth of the "Acme" work as a gang plow. They turn over the pulverized ground and give the crop all the soil's benefit. Farmers will tell you that bigger crops grow after an Acme harrowing.

FREE BOOK for your Farm Library.

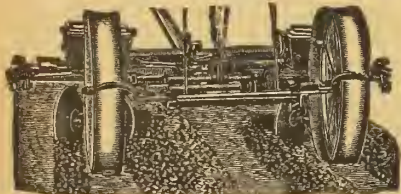
Write us today and we'll send you free, a valuable booklet, "A Perfect Seed Bed." It means money to you.

DUANE H. NASH,  
Box 44. Millington, N. J.

## Traction Engines For Sale.

We have on hand ready for delivery several 15 horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

THE O. S. KELLY MFG. CO.,  
IOWA CITY, IOWA.



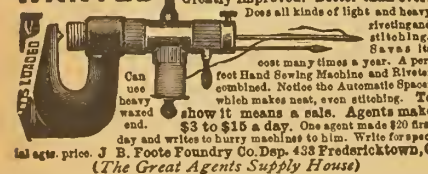
### THE KEMPER DISK FURROW OPENER

Will increase the yield of Corn, Oats or Cotton 25%. Guaranteed to pay for itself in one day. Works on any planter. Write for circulars and prices.

WALKER MFG. CO., - COUNCIL BLUFFS, IOWA

### AGENTS WANTED For Mend-a-Rip

Greatly Improved. Better than ever. Does all kinds of light and heavy stitching. Saves its cost many times a year. A perfect Hand Sewing Machine and Riveter combined. Notice the Automatic Spacer which makes neat, even stitching. To show it means a sale. Agents make \$3 to \$15 a day. One agent made \$20 first day and writes to buy machines to him. Write for sale price. J. B. Foote Foundry Co. Dep. 433 Fredericktown, O. (The Great Agents Supply House)



## The GALLOWAY Cream Separator

Direct From My Factory to Your Farm.  
Get My Prices Before You Buy.  
Get My Catalog.

I have been told there are a lot of farmers who would own a cream separator if they could get one at a reasonable price.

I am looking for those farmers.

I will give any farmer that chance and take all the risk of my separator pleasing him.

I'll send it out on my free trial plan and am going to give the first farmer in every section who buys my separator a chance to take advantage of my new and very successful proposition which will help him pay for his machine. Requires no work and only a few minutes' time.

Write me for my booklet and proposition before you think of buying of any other manufacturer. Remember you get my very low prices and my \$25,000.00 bond at the same time.

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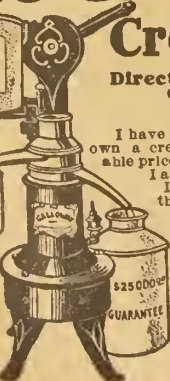
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Ten Days' Free Trial



I Want One Million Farmers To Get My SPECIAL PROPOSITION

When it comes to the machine the Galloway has all the good points you will find in any separator made, and a lot of its own besides. Prove this for yourself. Let me send you my separator on a ten days' trial on my free trial plan. My special proposition and free trial plan make you the most liberal offer possible. I hope you will appreciate this enough to send for my catalog to day. My first letter will explain my whole proposition to you. My catalog will give you my selling plan in full and a complete description of the separator. It will say something besides telling you the Galloway is the closest skimmer and easiest operated machine made. They all claim that. I'll go ahead and prove it and I'll also let you prove this for yourself. Remember that always. You are to be the final judge of the Galloway. It won't cost you a cent, if the machine isn't all I claim for it. It's so simple in construction, so well made and adjustable that you'll think as I do that you ought to have one. Now, of course, when it comes to telling you all about my separator which I am selling direct to you, I must ask you to send for my catalog. It will give you all you want to know. My catalog is my only salesman and one that will save you a lot of money. Send for a postal and say, "Please send me your booklet and your special proposition by return mail."

William Galloway, Pres. The William Galloway Company,  
103 Jefferson St., Waterloo, Iowa.



WILLIAM GALLOWAY  
A Farmer Business Man,  
and President of  
The Wm. Galloway Co.

## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### THE RELATION OF AGE TO MILK YIELD.

Sending an aged cow to the shambles when she still has the power to return her owner a fair profit is not displaying good business judgment in view of the fact that her beef value as a rule is less than the annual returns she will bring as a producer of milk and offspring. The aged cow, say from eight to twelve years is a pretty sure proposition. Her ability to make money has been determined and her acquaintance has become established.

She knows your ways and you know hers. If she has produced a good calf right along it is safe to assume, barring accidents to which every cow is subjected, that she will continue to do so for a number of years to come if her health has been preserved. The man who dislikes to break in the heifer should be slow to part with a good cow simply because she is getting along in years. This of course applies to general conditions.

It is generally considered that a cow under normal conditions does her best during the sixth or seventh year. Up to that time both the milk and butter fat content should increase considerably in amount. From this age on to ten years there can be expected a slight increase under favorable conditions, though many a good cow goes backward during this time simply because it is so often thought that she has attained an age where she can shift for herself. Instead of this kind of management, a cow of merit worth keeping should be given good attention for her ability to produce largely and economically is probably as near its prime as at any time before the sixth or seventh year. Many mature cows when on heavy feed are not economical producers though it is a pretty safe rule that where a cow produces abundantly at the pail she is making good use of her ration.

Some authorities state that the increase in the average fat content of the milk which a heifer registers is from one to two-tenths of one per cent each year above the preceding year up to the sixth year. From that point on a little later the decrease begins. High records have been made by cows advanced in years. High feeding to produce early records taxes the strength so severely in many cases that a mature cow fails to do her best had she been developed more slowly. The relation of age to milk yield under average conditions is probably not of very great practical importance to the majority of cow owners.

Selling a Cow on One Test.

To the Editor of The Homestead:

Several inquiries have lately come to the Dairy Department reading about as follows:

I am sending you a sample of milk to have

# 1 1/2 more butter 1 1/2 lbs.

If you can increase your butter production without any increased cost or any more work won't it pay you to do it? And if you can get more butter from your milk with less work, that will be still better, won't it? That's exactly what you can do if you will do as MR. LEITING did—buy a Sharples Tubular Separator. Here's what he says about the Tubular:



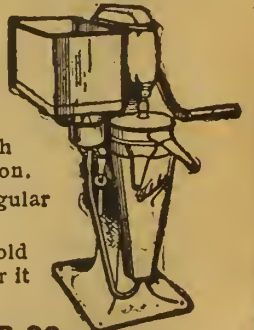
MORE BUTTER  
MORE MONEY

gets all the cream there is in the milk, does it so easy that it's not work to run it at all, and is so simple, with only one little part in the bowl to wash and keep clean that comparison is out of the question.

The extra cream it gets makes the Tubular a regular savings bank for its owner.

All the other good money-making points are told in book F-121, which you ought to read. Write for it today—we'll send it free to you.

THE SHARPLES SEPARATOR CO.,  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.



## The Sharples Tubular Separator

## SAVE 20c PER SHEEP ON EVERYONE YOU SHEAR WITH THE

### NEW STEWART SHEARING MACHINE ONLY \$9.75

If you have but five sheep it will pay you to own this wonderful shearing machine. It does not cut or hack sheep like hand shears and gets one pound and over more wool per head. It shears any kind of wool easily and quickly. All gears are cut from solid metal, not cast; all wearing parts are file hard; spindles are ground and polished, and the driving mechanism is enclosed from dust and dirt and runs in oil. 95 per cent of all the shearing machines used in the world are Stewart patents. Send \$2.00 with your order and we will ship C.O.D. for the balance. Our valuable Free Book—"More Profit in Shearing," by the champion shearer of the world, will interest you. Send for free copy and our big new catalogue showing the largest line of shearing machines on earth. It will pay you. Send today. CHICAGO FLEXIBLE SHAFT CO., 234 Ontario Street, CHICAGO.

tested. Please report the test as soon as possible, as I am going to sell my cow on this test.

One test of a cow only shows what she did at one milking which is no indication of the ability or value of a cow.

Different conditions will cause a variation in per cent of fat in cow's milk. In the early part of the lactation period when the cow is giving a large quantity of milk the test is lower than in the latter part of the lactation period. As the milk flow decreases there is as a rule a gradual increase in the per cent of fat in the milk. This may vary from one-half to two per cent, depending upon the breed and individuality of the animal.

The per cent of fat in milk is also influenced by the time between milking. In an experiment where cows were milked at six in the morning and three in the afternoon, the average test in the evening was 4.26 per cent, while in the morning it was 2.3 per cent. Later, when the same cows were milked at 5:30 a. m. and 5 p. m., the fat content of the evening milk was 3.80 per cent and of the morning milk 3.18 per cent.

The first milk drawn from the cow contains less fat than the last milk drawn. In some cases a variation of 10 per cent has been found.

The relation between the nervous system of the cow and her powers of milk secretion is so intimate that any abnormal condition the cow experiences will have a direct influence upon the quantity and the quality of the milk. A cow tested by the writer under normal condition gave milk testing about

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One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller. This machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

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4 per cent. Once, while in heat, she tested 12 per cent.

Furthermore the value and reliability of a single test is also depending on the honesty and skill of the man who samples the milk. It is very essential to have the milk properly stirred before the sample is taken.

This illustrates how uncertain it is to use the test of one milking as a guide in the buying or in the selling of cows. In order to find the value of a cow it is necessary to weigh and test her milk at



April 11, 1907.]

regular intervals during the lactation period.  
Fred Rasmussen,  
Iowa Experiment Station.

**HANDY MILK CLEANING VESSELS.**

For keeping the family supply of milk and cream from one milking to another there is no vessel quite so convenient and efficient as the ordinary dairyman's pint and quart milk bottles. Too frequently the table supply of milk and cream is curtailed unnecessarily, simply because the morning's allowance for the home is improperly cared for. Even where a refrigerator is not a part of the equipment of the culinary department most housekeepers could insure sweet milk and cream for the last part of the day, where there is difficulty in keeping the supply sweet until supper, if they would use a number of milk bottles to contain what is taken from the morning's supply.

When milk sours sooner than it seems it should it is partly because it has

not been cooled off soon after being drawn, and secondly, because it has not been preserved in clean vessels not easily contaminated from the outside. The milk bottle aids in overcoming both of these conditions. These bottles may be secured from any dairy supply company and at only a few cents apiece when a dozen are bought. A goodly supply of paper or fibre caps should be ordered. Where there is no ice to keep the milk, cool the bottles required for the day's supply by plunging in cold water, strain the milk carefully, allowing most of the animal heat to escape, then bottle. The thick bottles being cool still further reduce the temperature and the caps may be put on and the bottles may be removed to the coolest possible place. Caring for the milk of the day in this manner takes no more time than to place in open jars where there is every chance for the milk to absorb foul odors or vegetable flavors, all of which soon spoil the sweetness. Even where there is an ice chest or refrigerator there is nothing so nice in which to preserve the milk and cream as these bottles. There is no danger of spilling over other food, the milk is rapidly cooled off. When a pint or quart of milk is needed, the whole supply for the day does not need to be disturbed; if a quart of milk is used for each meal each quart has its proportion of cream, and when it comes to cleaning milk vessels a milk bottle is as easily cleaned as any thing. Procure a half dozen of these bottles of the several sizes and enjoy a constant supply of sweet milk the coming summer.

**A Crank on Cleanliness.**

To the Editor of The Homestead:

I have been handling cows for twenty-five years and during that time have made some interesting observations. As a result of my experience, I have come to the conclusion that the making of good dairy products, either butter or cheese, is based very largely on one principle, namely, that of cleanliness.

If dairy cows are healthy and if they are fed good grain and fodder, as they are usually fed on the farms of the central West, the milk from one cow will make practically as good butter as the milk from another. To go further, the milk from one herd may be manufactured into just as high class products as the milk from another. Why then is there so much difference between the produce turned out from the different private dairies and indeed from the different creameries?

Unless one will make up his mind to be clean in every operation involved in dairying, he had better go out of the business because he can never hope to make high-class and therefore high-priced produce.

Not long ago, I was visiting a fellow dairyman and was present at milking time. One of the cows planted her muddy feet squarely in the milk pail, in my presence, and pulled it out again without knocking it over. To my surprise and disgust the milking of that cow was continued in the same pail and the

milk was then added to the general supply.

Now, imagine what kind of a batch of cream one would have after collecting it three or four days where scenes like that are enacted daily. It is absolutely impossible to make good butter when milk is handled by any person or persons who are so coarse in their instincts as to shut their eyes to a filthy act of that kind.

To me, there is no satisfaction in the business of dairying at all unless I know that every one who handles the milk, cream or butter, takes every precaution to keep the product clean. When this is done, you can tell something about what the ultimate product will be. Good milk means good cream and good cream means good butter. The cream will ripen uniformly and butter will come after churning about the same length of time each week.

It is my opinion that the sale of dairy products could be increased at least one-half in our small towns and cities if the public could be educated to think that producers were cleanly in their habits. I find no difficulty in getting a premium of five cents per pound for butter the year around from those who have confidence in my methods.

**A Crank on Cleanliness.****Farm Labor Problem.**

In this day of scarce help and high wages, there is no question in which the farmer is more concerned than in the labor problem. How to get the greatest results at the least cost from hired help is interestingly shown and actually demonstrated in figures, in a forty-eight-page book, published by the American Fork & Hoe Co., 635 American Trust Bldg., Cleveland, Ohio. It will pay our readers to write for this book, which is free to those who mention this paper.

**FREE SAMPLE OF CONGO.**

If you are planning to buy any roofing this spring do not neglect to get a Free Sample of Congo roofing. Congo is sometimes called "the never-leak roof" on account of the way it resists the water, and no one should select their roofing without investigating Congo. Congo is a splendid roofing, and the price is unusually reasonable. (Write for a sample at once, addressing The Buchanan-Foster Company, 538 West End Trust Building, Chestnut street, Philadelphia, or Monadnock Building, San Francisco.

**THERE THEY GO!**

Suppose that every year from five to twenty good pigs should push through a weak place in the fence and say to you a fare-you-well. Would you be satisfied? Or suppose you lost on an average a calf every month through neglect to properly care for them. Would you stand for it? Then look at the procession of little yellow butter-fat globules slipping past you every day in the year—that exceeds in value the pigs or calves from \$50—to \$200—per year according to the size of your dairy. What about it? Isn't that just about your fix?

**A DE LAVAL CREAM SEPARATOR WILL SET YOU RIGHT**

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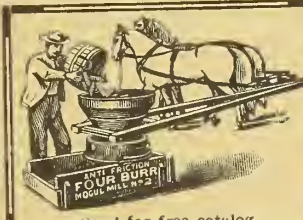
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**THE OLD RELIABLE Anti-Friction Four Burr Mills.**

DOUBLE THE CAPACITY OF OTHER MILLS.  
TWO-HORSE mill has 25 ft. grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bu. per hour.

30,000 Bu. With One Set of Burrs.  
I have used a Mogul No. 1 mill for seven years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and latest grinding line of mills sold, including our famous Iowa No. 2 for \$12.50. Bovee Grinder & Furnace Works, Waterloo, Ia.

**A Money-Maker For You — Works Quicker, Easier than Others. Clean Skimming Guaranteed.**

Own an Illinois and you'll get more profit from every cow. Experience of thousands of farmers and dairymen proves it. Don't buy a cheap Separator—you'll be sorry. Get the best. The speed mechanism of the Illinois is much heavier than on ordinary separators, yet it runs with less work. It's easy to turn, easy to clean. No vibration. Low down supply can. Handles fresh or cold milk.

**The ILLINOIS Dairy Separator**

is equipped with the wonderful Turbine Disc Bowl

built with the accuracy of a watch. Free from overices, corrugations or cups. Always in balance. Strong, smooth, cleanable. The Illinois will last a lifetime. Gets ALL the butterfat. Get our

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**"STOP RUNAWAY"**

The ZIEGLER Neckyoke Center is insurance against broken poles and runaway teams.

Pole can't let down. Never breaks; years of wear. Only practical center. Simple and costs less than the other kind.

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Write Today for Free Illustrated "Story of a Runaway"

**The "STAY THERE"**

Aluminum Ear Markers are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address

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**CHEAP ONE-WAY RATES.**

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.

**Here's Why You Want The Omega Separator**

YOU want the cream separator that will do you the most good—

That's also why you want the Omega—at least we are sure that if you will investigate its good qualities, you will want an Omega.

Because it is different—

A good many persons say we ought to call it the "common sense machine"—And that's what it is—

The separator that embodies common-sense in its construction and operation.

For example.

Instead of leaving the top of the bowl without support—to wobble like a top—we have a bearing at both the top and bottom of bowl.—Isn't that common sense?

Instead of enclosing the bowl in an iron-pot—a filth and germ-breeder—we run the bowl in the open.—Isn't that common-sense?

Instead of forcing the cream through crooked cream tubes at the top of the bowl, we take both cream and skim-milk from the bottom of the bowl.—Isn't that common-sense, too?

Instead of making you wait until the bowl "runs down," we arrange for you to stop it instantly—the minute you have finished separating.—That's more common-sense, isn't it?

Instead of taking 15 to 25 minutes of your time for cleaning, the Omega can be stopped, washed thoroughly, and the bowl and all parts replaced in four minutes!—The most common-sense yet?

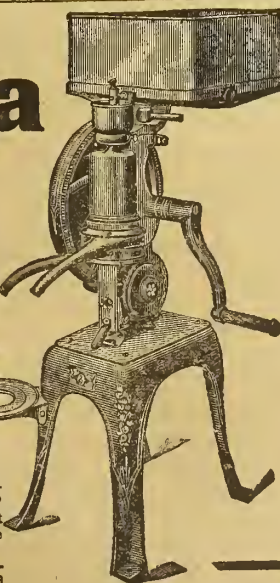
And these are only a few of the many good things about this great machine.

In convenience and reliability, no separator ever made approaches it. In durability it excels. Many users of the Omega have run their separators for 10, 12 and 15 years with practically no expense for repairs. That's a feature worth looking after!

All we ask is the chance to prove these things to you, it's as much to your advantage as to ours.

Send for FREE BOOK on "More Milk Money," also our new catalogue and our "Golden Rule Guaranty." You ought to know more about the Omega.

OMEGA SEPARATOR CO., 35 Concord Street, Lansing, Mich.







## THE PIONEER

Ruberoid is the original smooth surface, elastic, weather-proof and fire-resisting roofing. Many imitations have followed but Ruberoid stands above them all.

Its unusual and unequalled record for durability renders Ruberoid the peerless roofing.

Architects and builders of the highest class recommend it for any style building. Equally serviceable on any kind of a roof.

Used in all parts of the world, in all climates,—on all kinds of buildings.

Contains no tar or paper and will not crack, rot or melt.

Write for samples or prices.

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## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### DON'T OUT DOWN A FRUIT TREE.

There is a great annual waste throughout the country from the cutting down of fruit trees. Trees that from some cause have convinced their owner that they are useless cumberers of the soil are cut down without hesitation though sometimes with regret for the time and money wasted. It may be that the tree has proved untrue to name and produces worthless or at least inferior fruit. It may be some new kind that was expected to surpass the old kinds and, as often happens, proved inferior to them. It may be that it has stood for a number of years without bearing and its owner believes it barren. It may be that the scale has infested it, that some of its limbs have died and that it is thought to be doomed. No matter which one of these reasons may be influencing you to apply the ax, I ask you to stop and reflect before you make your action irremediable.

Every tree has a value. If the fruit be utterly worthless, the tree nevertheless represents an expenditure of time and money. If it was bought of a nursery, there is the first cost of it; next, there is the labor of setting it; then the cost of cultivating and pruning and caring for it; and lastly there is the use of the ground it has occupied for maybe a dozen years.

All these elements of cost should be considered. They will usually amount to at least ten dollars and often twenty-five. Pause, then, before you destroy your own and nature's work forever and ask yourself if there is not some way to avoid such an extreme measure. There is often a way to redeem such trees and that is by grafting upon them the scions of some other tree. Grafting is not very difficult and even if you have never attempted it, you should not be afraid to try. It is now too late for this operation as the scion should be cut before the buds swell in the spring, but budding in late summer may be substituted. It is truly remarkable how soon a grafted tree will form a new top and bear new fruit. If it has happened that the tree has been condemned for not bearing, it is almost certain that its barrenness has been occasioned by too rapid a growth in too rich a soil. If this appears to be the case, then there is a remedy in girdling the trunk. Along in May when the tree is growing rapidly, tear off strips of bark a foot or so long all around the tree, leaving only about a third of it undisturbed in alternate sections. This will usually check the growth and throw the tree into fruitage the next year. An eastern grower says that in Massachusetts a bearing peach tree is as precious as gold and is never cut down unless afflicted with the incurable yellows. Lastly, if the tree be menaced by the scale, it should be given a severe pruning and then sprayed with the lime sulphur wash. Above all, don't cut it down.

### THE NEW STRAWBERRY BED.

Tens of thousands of persons are now about to plant new berry beds. Success depends upon observing a few fundamental principles. The soil must be well prepared, and the plants well selected and fresh and lively. Then proper culture must be given for the next four months.

A soil that will grow good corn or potatoes is about right for berries. If you select land that has been heavily manured, and then cropped with corn for one year, you will make no mistake. But the soil must be finely pulverized to make the right conditions for the strawberry roots.

Plow eight inches deep and harrow five or six times, thus making the surface very level and very fine.

The majority of planters have a chosen method. A good general rule to be varied according to personal experience, method of culture, and variety, is eighteen inches in the row, and rows four feet apart. The rows in every farm garden should be long enough for convenient horse culture.

Then above all things set only good plants. You may have bought plants at high prices, and have the feeling that you cannot afford to lose them yet if you find them wilted, showing no sign

# Hay Forks That Help

There are Hay Forks that help, and Hay Forks that hinder you in your work. You don't forget the handy fork that helps—you single it out from the others every time you go for a fork.

To be sure of getting a real good Hay Fork, ask for the True Temper kind. They must prove true in quality, construction, "hang," and temper, under severe tests at the factories before they are permitted to receive the True Temper label. And they are manufactured from selected materials, by the oldest and largest manufacturers in the world. Therefore, you are sure to get the best Forks.

**Best Tools You Have Ever Bought** **TRUE TEMPER** **Same Price You Have Always Paid**

Not only Hay Forks, but all kinds of Forks, Hoes, Rakes, Weeders, Beet Tools, Hooks, Potato Fools—every desirable pattern of farm and garden hand-tools. Scientific and intensive methods of land culture are now pursued by intelligent farmers nearly everywhere. This calls for special-purpose tools which will help you to do your work with a saving of time and labor, and produce best results. In the production of crops their use means less expense and more profit for you.

Ask for True Temper when you want such tools. Our FREE BOOK, "Tools and Their Uses," will interest you. It is fully illustrated, and tells HOW to save time and labor, by using special-purpose tools. Write for it today.

AMERICAN FORK & HOE CO.,  
635 Am. Trust Bldg.  
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**RED TAG TREES**  
PHOENIX NURSERY CO.  
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The Red Tag is the identification mark on all genuine

**PHOENIX TREES and PLANTS**

The sturdiest and best nursery stock experience and good soil can produce. Look for the Red Tag on all trees you buy. Send to-day for free catalogue.

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## Perfection Seed Corn GRADER

Perfect Sorter.

10 Bu. Per Hour.

None Better.

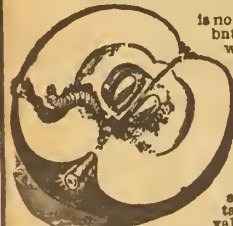
Never Wears Out.

Price Only \$1.00

Why pay from \$10 to \$25 for a grader no better—few as good? It enables you to produce most corn to the acre. Sorts for any corn planter. Get One of Your Dealer and be pleased—most of them shout its praises. If yours hasn't got it yet, write us for circular and full particulars. \$1.35 express prepaid. Here is big value for a small price.

W. E. ASHBY TELEPHONE CUT OUT CO.  
199 Square Street, Charleston, Iowa  
Makers of the famous No-Risk Lightning Arrester

## SPRAYING FRUIT TREES



is no longer an experiment, but a necessity. Prevents wormy fruit by destroying all insect pests and fungus diseases. Every farmer, gardener, fruit or flower grower should write for my free catalogue, describing 21 styles of Spraying Outfits, and containing a full treatise on spraying fruit and vegetable crops, and much valuable information.

WM. STAHL SPRAYER CO., Box 103 L, Quincy, Ill.

## TREES At Half Price.

EVERGREENS. Good stocky, well-rooted, transplanted trees, 6c. each. Three-year apple trees 10c. each. \$50 per 100. Our catalog will tell you all about our cut prices on ROSES, BULBS, SHRUBS, BERRIES, SHADE TREES, Etc. A postal will bring it.

BRISTOW NURSERY CO.  
Box 210, Hampton, Iowa

## CANE

THE MOST VALUABLE of all fodder plants for cattle and horses and of special value to dairy farmers. Send for descriptive circular and testimonials proving its value and telling how to grow and feed it both green and dry. Cheapest of all feeds for winter use. Some farmers sow 60 to 100 acres every year and it produces immense crops. Sample and large, illustrated catalog of farm and garden seeds free if you mention this paper.

IOWA SEED CO., Des Moines, Iowa.

AGENTS wanted to introduce Burbank's wonder-ful stoneless plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

**FOUR EVERGREENS FREE**

We grow our Hardy "Blizzard Belt" Evergreens in ten million lots. To prove they are healthy, well rooted and vigorous we offer to send Four Fine Sample Trees, 3 years old Free to a limited number of property owners. Mailing expense 5 cts. which send or not as you please. A postal will bring them. Our Catalogue containing 64 colored plates of our Hardy "Blizzard Belt" Fruits, Evergreens, Ornamentals, etc., with a mine of valuable information for fruit growers, free for the asking. Write to-day.

THE GARDNER NURSERY COMPANY, Box 702, Osage, Iowa.

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

## Pure Bred SEED CORN

Our business is growing seed corn. It means more bushels to the acre, when such seed is planted, and better corn; it means a bigger profit on your labor, and a corn that is ears—not nubbins. We grade it all by hand; test it; guarantee germination. We are located in best corn section of the world. Write for Catalog and free samples. Free Garden Seed Offer in Catalog. Photographs of real corn as raised.

Box 12

NISHNA VALLEY SEED CO.

Hamburg, Iowa.

**Seed** **Corn**

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grain Seeds. Get our catalog. THE ADAMS SEED CO., Decatur, Iowa.

**GRAIN** **HAY**

**Freeman Bros. & Co.,**  
COMMISSION MERCHANTS,  
Established 1886, 66 Board of Trade, Chicago.  
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

**SEED CORN**

NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 215 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper.

IOWA SEED CO., DES MOINES, IOWA.

of vitality, the only thing is to throw them away.

It only adds to your expense and final disappointment to set out half dead plants. Better face the loss now and set only plants that show life.

Then the culture must be constant. Keep the soil loose and fine as a garden until August.

Let the planter be guided by those principles, and then be prepared to mulch his beds when November comes, and he will be reasonably sure of a crop the second year.

### GARDEN WINDBREAKS.

The garden plat for early vegetables needs a slight southern exposure and protection from north and west winds, a site selected just south of a grove, or buildings.

Where such protection can not be had, the farmer can grow in three years a sufficient willow hedge. In these days of high priced lumber it is perhaps a practical suggestion to say build a high board fence.

The windbreak once its advantages

are noticed, will not be readily abandoned. Its value in securing early maturity is considerable.

### MELONS.

If one has a sandy loam soil, and barnyard manure, and a willingness and ability to give proper care, he can grow melons.

Given an average season the profit will depend upon your market. The best location is within two to four miles of a city, or at least a town of three to five thousand.

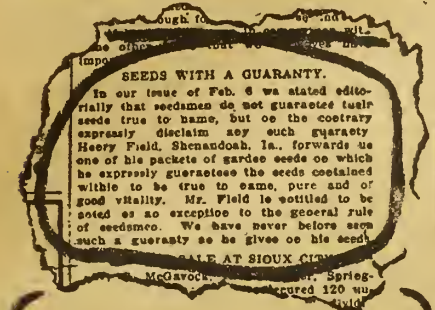
That is as far as you can profitably haul, and it is far enough to secure immunity from hoodlum raids.

It is always a mistake to buy cheap seed. The best is none too good; you must run the gauntlet of insects, diseases, and bad seasons, and it is not best to complicate matters with a cheap start. In melon culture as in every other farm venture whatever is worth doing is worth doing well. The time to plant is when you plant corn. In present day culture the crop is advanced two weeks by start-



# One SEEDSMAN Who GUARANTEES His Seed True to Name

Clipped from Breeders' Gazette Feb. 20th



This clipping in connection with the list of exposures of adulterated seeds, make mighty interesting reading.  
For 12 years I have carried a guaranty of purity, genuineness and germination on the seed I sell, and I propose it shall stand 50 years more. I have faith enough in my seeds that I am willing to back it up.  
This guaranty has helped me in building up the best seed business in the west. I sell all my seeds subject to a guaranty of Government Standard or better. I sell subject to your test and approval. I will ship on approval. I sell all kinds of seeds, seed corn, grass seed, garden seed, small grain, and all on the same terms. Write for catalog and free samples, or send along your order for shipment on approval.

**HENRY FIELD,**  
Seedsman  
Box 25, Shenandoah, Iowa.

## SEED CORN

I have an early yellow "Improved Corn," 10 days earlier than "Reid's" corn. I can give history of this corn for 70 years. I sell seed in the ear only and guarantee satisfaction or your money back.  
The Counties in which my corn was planted last year by the experiment station and the record was:  
COUNTIES. BU. COUNTRIES. BU.  
Kossuth, - 78-4 Greene, - 65-3  
Story, - 62-1 Polk, - 60-4  
Chickasaw, 63-3 Marshall, - 67-5  
Page, - 52-1  
**C. CREGORY, - - - RALSTON, IOWA**  
Half mile north of town. Reference: Ralston Savings Bank.

## SEED CORN

**NORTHERN GROWN.** Seven varieties. Sold in ear or shelled and graded as you prefer. All our own growing; also all kinds of nursery stock. Send for catalogs.  
**THE GATEWAY NURSERY & SEED CORN CO.**  
Le Mars, Iowa.  
Mention The Homestead.

## Fire or Kiln Dried SEED CORN

Our leader is Brown's Choice, which we years ago developed from Leaning stock. Reid's Yellow Dent, Iowa Silver Mine and Yellow Rose, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

**JOHN E. BROWN & SONS, MITCHELLVILLE, IOWA**

## HURST POTATO SPRAYER ON FREE TRIAL

No money in advance—Pay when convenient. Sprays Everything—Trees, Potatoes, Truck, etc. 4 rows at a time—20 acres a day. Bubbles Your Crop—extra yield one acre will pay for it first season. A boy can operate. GUARANTEED 5 YEARS. Wholesale Price (where no agent). Acts. wanted. After trial if you "keep it—pay when you can." Special FREE OFFER for first one in locality. "Spraying Guide" and full information FREE. **H. L. HURST & CO., 86 North St. Canton, O.**

## CLOVER

**New Crop IOWA GROWN**  
Recleaned and Tested  
Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs off and garden seeds. Mention this paper.  
**IOWA SEED CO., Des Moines, Iowa.**

## EVERGREENS

20 Norway Spruce, 3 to 6 in.; 100 Arbor Vitae, 3 to 6 in.; 1. Prepaid by mail. Many other \$1 bargains. Larger trees by express or freight very cheap. Sixteen different kinds. Price List free. **HARVARD NURSERY, Box W, HARVARD, ILL.**

## SEED CORN REID'S YELLOW DENT

Improved Prize of the North. Scientifically bred, carefully selected. If corn is not satisfactory, it may be returned and money refunded. Shipped in ear or shelled as desired. **W. G. GRIFFITH, McNabb, Ill.**

## GOLD MEDAL SEED CORN

From stock that won the \$2,000 Burg wagon. 300 bushels Reid's Yellow Dent home grown and kiln dried, \$2.00 per bushel in ear, or \$1.75 shelled. Satisfaction guaranteed. Twenty years' experience. **W. P. COON, AMES, IOWA**

ing the plants in hot beds. Some think this too much work, but is it? Really is not success what you aim at? Getting in the market ten days or two weeks earlier than your competitors often makes the difference between success and failure.  
It must be borne in mind that the melon does not take kindly to transplanting. Some growers use paper berry boxes in which to plant the seeds, others use inverted sods. In this way the new era gardener, meets the problem, and solves it.

### BORDEAUX MIXTURE.

Bordeaux mixture is used more for spraying than any other single preparation. It is the only preparation commonly employed for the uses to which it may be put. Notwithstanding its great importance it can be used only for certain limited number of purposes. It is not a spraying panacea to be used for all manner of evils, but for those which it can remedy it is the best preparation that can be used.

The use of bordeaux is for destroying fungous diseases of plants. Among these may be named apple scab, brown rot, bitter rot, cherry leaf blight, shop hole fungus, plum rot, mildew, potato blight and others. Bordeaux will not destroy insects except, perhaps, some of the tender aphids or plant lice.

The preparation is as follows:  
Copper Sulphate, "Blue Vitriol".....4 lbs.  
Fresh Lime .....4 lbs.  
Water .....to make 50 gallons

Dissolve the copper sulphate in rain water in a wooden or earthen vessel. The best method is to suspend it in a gunny sack near the top of the liquid. As it dissolves the water becomes saturated and heavier, hence settles to the bottom and the unsaturated water rises to the top and dissolves more of the copper sulphate.

Slack the lime in sufficient water to insure against burning. When thoroughly slacked, strain to remove all lumps which might otherwise clog the sprayer. As soon as it is thoroughly cool it is ready for use.

Fill the sprayer about half full of water. Add the copper sulphate solution and stir thoroughly. Next add the lime and at the same time a considerable quantity of water, or better still, stir the lime into twenty gallons of water and then add slowly to the copper sulphate mixture, stirring vigorously the while. This insures a gradual mixing of the ingredients which is necessary for the making of a successful spraying preparation.

It is always best to test the bordeaux mixture in order to be sure that it contains sufficient lime to neutralize the copper sulphate, as a surplus of the latter is liable to burn the leaves. A very satisfactory test may be made as follows: After the lime has been added to the mixture and thoroughly stirred, dip out a small quantity in a saucer and add a few drops of saturated solution of potassium ferro-cyanide. If sufficient lime has been added, no change will be observed, but if there is not enough lime a brown precipitate will be formed. In this case more lime must be added. A solution of potassium ferro-cyanide will be prepared by any druggist. Ten cent's worth will make sufficient for an entire season's spraying.

The bordeaux mixture must be used as prepared, as it loses its value if allowed to stand any considerable length of time before being applied. Where there is a large amount of spraying to be done, stock solutions may be made of the lime and copper sulphate which may be kept for any length of time and used as needed.

We have found the following a very satisfactory method: Slack fifty pounds of lime, put into a barrel and then add sufficient water to make fifty gallons. In another barrel dissolve fifty pounds of copper sulphate in fifty gallons of water. To prepare a barrel of spray simply use four gallons from each barrel after stirring thoroughly.

In very extensive operations we have found it better to make a stock solution of copper sulphate double strength—that is, dissolve 100 pounds of copper sulphate in fifty gallons of water. Two gallons instead of four will then be necessary in preparing a barrel of spray.

The first spraying with bordeaux mixture should be made just before the blossoms come out, the second just after the blossoms have fallen, the third after an interval of ten days or two weeks, and the fourth about two weeks later. Lead arsenate, paris green or other arsenate or poison for the destruction of insects may be used in connection with



## Swift's Arsenate of Lead

This is the most efficient and lasting of all insecticides, and at the same time the safest. Swift's Arsenate of Lead sticks to the foliage after application and stays on, rains will not wash it off. This means a saving of time and solution in respraying, and uninterrupted protection of your plants or trees. There is absolutely no danger of burning or scorching the foliage no matter how strong a solution is used; solution is made with water only, or it may be combined with fungicides. Swift's Arsenate of Lead is the perfect insecticide for the Coddling Moth, Potato Bug Gypsy Moth, Tent Caterpillar and all other leaf-eating insects

Write for booklet and name of nearest dealer  
**MERRIMAC CHEMICAL CO., 41 Broad St., BOSTON, MASS.**

bordeaux mixture. The bordeaux should first be prepared and thoroughly agitated and then just before being used the insecticide may be added. This is the common method, as insecticides and fungicides are generally used together.

### The Clover Leaf Hereford Dispersion Shows Strong Tone to Cattle Market.

The dispersion of the Clover Leaf Herefords, owned by Mr. W. G. Swinney, of Bois D'Arc, Mo., at Kansas City, Mo., on April 5th, drew many representative breeders and the sale may be classed as good. The daughters of Beau Brummel were the best sellers and it was Daisette 15th, a daughter of this bull, that topped the female offering. She sold for \$320 to Mr. T. P. Whittenburg, of Pleasant Hill, Mo. Mr. Whittenburg was a persistent bidder on these better lots and took four head. The yearling bull, Recorder, a son of Dale Jr., topped the bull offering at \$350. He went to Mr. H. C. Schwant, of Wamego, Kan. It is to be regretted that such breeders as Mr. Swinney do not stay on indefinitely in the breeding business, as they are the kind who make the breed and inspire confidence in the business. Colonels Woods, Harriman, Sparks and Zaun were the auctioneers. The average on the entire sale was \$111.58. On cows, \$112.68, and on bulls, \$109.58. Following is a list of all sales of \$75 and over:

COWS.	
Rosetta, W. W. Wheeler, Harlan, Ia.	\$200
Manle, S. J. Gabbert, Dearborn, Mo.	125
Marie Anxiety 2d, W. C. Holman, Everton, Mo.	125
Miss Beau Brummel, Jones Bros., Comiskey, Kan.	200
Miss Emhree, University of Missouri, Columbia, Mo.	145
Bonnie Beau Brummel, T. P. Whittenburg, Pleasant Hill, Mo.	275
Muscattelle, R. A. Brown, Stockton, Mo.	100
Lady Stanway 7th, W. A. Dallmeyer, Jefferson City, Mo.	205
Daisette 15th, T. P. Whittenburg.	320
Rose, Henry Streif, Harley, Iowa.	105
Evangelina, G. K. Cogswell, Castleton, Kan.	100
Blanche, R. A. Brown.	105
Lily, W. C. Holman.	80
Winnie 2d, W. A. Dallmeyer.	105
Winsome, O. F. Davis, Bronaugh, Mo.	85
Hanna Lady, J. A. McKitterick, Greenwood, Mo.	140
Miss Sue, W. C. Holman.	80
Dolly, T. P. Whittenburg.	110
Clara 2d, W. C. Holman.	120
Minnie, H. M. Hahn & Ludwig, Pleasant Hill, Mo.	80
Daisy Andrew, T. P. Whittenburg.	140
Miss Brigadier, Wallace & Ragsdale, Kingsville, Mo.	80
Maud, Hahn & Ludwig.	120
Winnie 2d, University of Missouri.	155
Miss Dale 2d, T. P. Lowrey, Lincoln, Neb.	85
Leona, C. H. Hartung, Van Horne, Ia.	80
Elsie, Merrill & Higgins, Greenfield, Mo.	100
Mattie March On, O. F. Davis.	100
Imp. Thankful, D. Fox & Son, Atlanta, Kan.	225
BULLS.	
Dale Jr., Walter B. Waddell, Lexington, Mo.	245
Recorder, H. C. Schwant, Wamego, Kan.	350
Brigadier 7th, W. A. Dallmeyer.	200
Electer, J. P. House, Holly, Colo.	80
Clover Leaf Dale 5th, Wardell & Gette, Macou, Mo.	150
Duncan, S. A. Milburn, Blackburn, O. T.	100
Brigadier 11th, W. W. Wheeler.	95
Fletcher, same.	75
Arlington, Henry Streif.	120
Clover Leaf Dale 4th, C. E. Gillum, Gypsum, Kan.	165
Bonanza, J. L. Locke, Woodland Park, Colo.	85

**WHY BUY A KNODIG SCALE?**  
Some good reasons for buying a Knodig Scale are the following: A 30-day free test is allowed; the freight is paid by the company; there is no digging to be done, which makes it possible to place the scale anywhere and move it around; there is no pit to dig and keep clean. When you have tried the Knodig for a month and proved to yourself that the above is true you will want to

**Northern Grown Reid's Yellow Dent Seed Corn**  
EVERY ear tested if you want. Your money back if it don't suit you. Carefully selected and crated.  
**A. M. AVERY & SONS, MASON CITY, IA.**  
Phone No. 3, Averydale line No. 2.

**300,000 RED CEDARS.**  
WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list.  
**GARLAND & FOWLER, AFTON, IOWA**

**The Jewell Nursery Co.**  
(Box 16,) Lake City, Minnesota  
Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1865. Hardy seeds, trees and plants. Agents wanted—Good pay.

**GINSENG** Small stock of plants, 3, 2 and 1 yrs. old. Seeds 18 months old for sale cheap. **L. H. Wright, Le Mars, Ia.**

**STRAWBERRY PLANTS** In best varieties. Special—300 sent for Dunlaps \$1. Fred I. Stum, Dexter, Iowa.

**SEED CORN** Funk Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

## FREE TO MEN

Sent Positively Without Cost.  
This is a bona fide offer to any man suffering from any of the diseases peculiar to men and is made by Dr. Rankin to give every man an opportunity to test, without cost, his superior and original methods. **One Week FREE Treatment**  
Dr. Rankin is without question one of the greatest specialists in diseases of men in the United States. His enormous practice, covering 30 years, places him beyond any experimenting. He cures where cures are possible.

If you need medical advice, why not get the best? This one week's treatment, absolutely free, will convince you.  
**Dr. W. D. Rankin,** Dept. 18, 136 W. 34th St., New York.

keep the scale. It is something necessary on every farm where stock is grown and sold. The construction of the Knodig is such that a long life is insured. It is made in different sizes and the price is very reasonable. If you are a thoughtful producer of grain and live stock you should have a Knodig. Write to H. C. Gumbel, Gen'l Mgr., National Pittless Scale Co., 2011 Wyandotte St., Kansas City, Mo.

**BLACKLEG NOT DANGEROUS.**  
Before the great French investigator Pasteur discovered a vaccine which when injected into the blood would make cattle immune from death by the dreaded disease, blackleg, thousands of cattle died annually. As is generally known this disease affects young stock, mostly calves and yearlings. It is almost speculation to grow stock on pastures where blackleg has caused deaths. The infection is by a germ which remains viable for years. Pasteur vaccine is quickly applied at a trifling cost. It may be obtained at any good drug store. If not, write to the Pasteur Vaccine Co., Ltd., 441-5 Wabash Ave., Chicago, and send name and address of local dealer. Mention this paper.

**DON'T BUY LAND.**  
Until you have received copies of the Home-seekers Guide and the Weekly Newspaper published in the interests of land seekers, in one of the very rich agricultural regions of Saskatchewan, Canada. This paper tells all about the properties which can be had by the homeseeker. With the information which these two papers will supply, a buyer of land should be well equipped to make profitable investments in this northern country. For descriptive material address the Nels Mikkelsen Land Company, Estevan, Saskatchewan, Canada. Mention The Homestead.



OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

BOARD BILL—EXEMPTION.

A Subscriber, Milton, Iowa.—We hoarded two school girls and have received but a small part of the board bill. I am informed that their parents live on a rented farm and are likely not very well off. I know that the law exempts certain property from the payment of debts. Would this provision of the law prevent me from collecting my board bill?

Answer.—The law provides that the head of a family may claim certain property as exempt from execution and attachment. A board bill is like any other ordinary debt. If the parents do not have more than the law allows them as exempt, you cannot collect your board bill by law.

PREPARING FOR LIGHTNING.

Mr. O. Redfearn, Bronson, Kau.—I live at the edge of a town of about 600 inhabitants, all of whom burn natural gas. I bought my property last spring. The big gas regulator stands in my door yard about thirty feet from my house. The main line stopped there then. There are small lines running all over the town. In case lightning should strike the big regulator building, burst the pipe, set my house on fire and burn it down with the contents, could I recover damages from the company if it was furnishing me with free gas at the time?

Answer.—It would all depend whether the damage or destruction of your house could be traced to negligence of the gas company. If that could be proved, you could recover damages, whether you were getting free gas or not.

ALIENIST—SELLING AT RETAIL.

A Subscriber, Panama, Iowa.—(1) What is an alienist? (2) Does a man render himself liable to penalties of a city ordinance by selling things which he manufactures out of material not produced by him, but purchased by him? (3) Suppose an ordinance of a city forbids retailing things without a license, and a broommaker should sell brooms by the dozen, half dozen and quarter dozen, would that be wholesaling or retailing, and would the broommaker be liable to the penalty provided in the ordinance?

Answer.—(1) An alienist is one who is engaged in the scientific study or treatment of mental diseases generally known as an insanity expert. (2) It depends upon the nature of the city ordinance. (3) Selling at wholesale means selling to retailers who sell the articles again to consumers—selling at retail means selling articles directly to the consumer, so there you are.

JURY FEES.

A Subscriber, Holt, Mo.—What is the law in Missouri in reference to the pay of grand and petit jurors? Please give book, volume and page where the law can be found.

Answer.—The law provides that each grand and petit juror on the regular panel shall receive \$2.00 per day, for every day he may actually serve as such, and five cents for every mile he may necessarily travel from his place of resi-

dence to the courthouse and returning to the same, to be paid out of the county treasury. The clerk of the court keeps the accounts of the jurors and issues scrip to them showing the amount each juror is to receive, and the scrip is paid by the county treasurer the same as county warrants. Petit jurors not included in the regular panel receive but \$1.00 per day. See Sections 3778, 3779, 3780, 3782, et. seq. pages 2100, 2101, Vol. 2, Missonri Ann. Statistics, 1906.

OFFICIAL MISCONDUCT.

A Taxpayer, Indianola, Iowa.—(1) Can the supervisors lawfully meet regularly once a month, aside from the regular meetings designated by law? (2) Is it lawful for supervisors and other county officers to attend political conventions, and charge their expenses to the county?

Answer.—(1) The law provides that the board of supervisors may hold special meetings, but a request for same must be made in writing by a majority of the supervisors to the county auditor, who then fixes a day and place for the meeting and notifies each supervisor and also publishes notice in papers. (2) It is not lawful. It is a graft, if not even worse than that. We think it amounts to embezzlement of public funds, and subjects the offender to criminal prosecution.

MORTGAGE—JUDGMENT—TAX SALE.

A Subscriber, Iowa City, Iowa.—(1) A bought a farm from B and gave him a note for part payment, secured by a mortgage on the farm. B transferred the note and mortgage to C. Later, D recovered a judgment against A. C has recently bought the farm at a tax sale. Can D compel C to accept payment for his tax title, and payment of the note and mortgage so that he can make the land liable for his judgment? (2) Can D prevent the court from giving C a title to the land on his tax title?

Answer.—(1) D can have an execution issued upon his judgment and have the same levied upon the land subject to the mortgage and tax sale, and if deed has not been made on the tax sale, the land can be redeemed from it, so that said execution will stand against it subject only to the mortgage and the land may be sold on the execution subject to the mortgage, and applied on the judgment. (2) The land can be redeemed from the tax sale at any time within about three years after such sale.

LAWFUL FENCE—ILLINOIS.

A Subscriber, Shelbina, Ill.—A owns eighty acres of land 160 rods long east and west, and eighty rods wide north and south. B owns the eighty acres joining A's land on the north. A's buildings are located near the center of his west forty. He wants to fence that forty with a woven wire pig tight fence. At present the partition fence between the two eighty acre tracts is divided so that A keeps up the east eighty rods of it, and B the west eighty rods of it. The fence at present will not turn hogs or pigs. How can A secure the building of a woven wire pig tight fence along the north side of his west forty acres between it and B's land without furnishing the material and building it himself?

Answer.—A cannot compel B to contribute to the building of a woven wire pig tight fence, but only to what the law of Illinois declares to be a lawful fence, which is as follows, "Fences four and a half feet high and in good repair, consisting of rails, timber, boards, stone, hedges, barbed wire, or whatever the fence viewers of the town or precinct

The Government Makes Butter



ALBERTA, Canada, is one of the best dairying countries in the world.

The Government has done everything possible to encourage the dairying industry, and the result is that hundreds of dairy farmers are getting rich at the business.

In order to stop abuses and insure a steady market and favorable market conditions for the dairy farmer the Alberta Government has established numerous creameries. These creameries are conducted on the most economical plan, and the cost of producing and marketing butter has been reduced far below the cost to private concerns.

The farmer takes his butter fat to the Government creamery and receives ten cents a pound down upon delivery. As soon as the fat has been turned into butter and sold he receives the balance due, after four cents a pound has been deducted by the Government to pay the cost of producing and marketing the butter.

Of course, if any farmer or any private company desires to make butter there are no restrictions, but the Government can do the work so much better and for so

much less cost that it pays no one to try to compete.

Dairying is only one of the lines that can be made profitable to the farmer.

Alberta is the best live stock country on the American continent. It is also a great cereal country, and all kinds of vegetables can be raised there.

The great irrigation project now under way near Calgary is destined to increase the production of the naturally rich soil many hundred per cent. Land under this great ditch will afford ideal farming conditions. If the farmer wants to raise live stock as well as crops of all kinds, grazing land can be secured in connection with irrigated land, and these combination farms will permit of diversified farming that is very profitable.

The man who is looking for a new location or an investment cannot do better than to visit Sunny Southern Alberta. Full information as to how to make the trip at very small cost, how to secure a good land as lies out of doors very cheap, and on the easiest of terms, will be sent upon application to

Canadian Pacific Irrigation Colonization Company, Limited,  
71 Ninth Avenue, West, CALGARY, ALTA., CANADA.  
Sales Department Canadian Pacific Railway, Irrigated Lands.

where the same shall lie, shall consider equivalent thereto, shall be deemed legal and sufficient fences,—provided that in counties under township organization, the electors at any annual town meeting, may determine what shall constitute a legal fence in the town; and in counties not under township organization, the power to regulate the height of fences shall be vested in the county board." See Section 2, Chapter 54, Rev. Stat. 1905.

HUSBAND AND WIFE—HOMESTEAD.

A Subscriber, West Point, Iowa.—A man died in this state, leaving a wife and children. He had a bond for a deed to forty acres of land on which they all lived. He was badly in debt when he died. Can the widow hold the land as a homestead against creditors, the same as though the husband held a deed for the land?

Answer.—If it was in fact used as their homestead in the lifetime of the husband, the widow can hold the interest the husband had in it, as a homestead exempt from the claims of all creditors, except the one to whom the purchase price of the land is payable.

RIGHT ACQUIRED BY CONDEMNATION.

A Subscriber, Lacona, Iowa.—Our school house being in a very out of the way place, the electors of the district decided to purchase a new site and move the school house to it. The old site was obtained by condemnation proceedings for \$5 and was not needed to the board or the district. The school superintendent says we will have to sell the old site and apply the proceeds on the new one. Can the old site be sold to the highest bidder or does it revert to the owner of the land from which it was taken?

Answer.—We think the right to the old site obtained by condemnation proceedings was simply the right to use the land as a schoolhouse site, and that when the district abandons it for such a purpose, it reverts to the owner of the land from which it was taken.

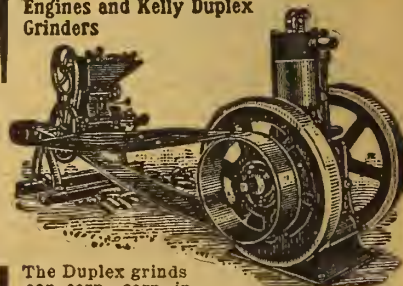
PARTITION OF LAND.

A Subscriber, Adams, N. Dak.—My father died last summer without making a will. He left seven children, two girls and five boys, all of age. I am the youngest, and was appointed administrator of the estate. All the children have agreed that I and one of my sisters shall have a quarter section of the land between us, each of us having one-half of it, and a written contract has been made and signed by all the children to that effect, in which all the other children agree to quit claim all their right, title and interest in said quarter section to me and my said sister, on demand. Is said contract sufficient, or will the county judge have to prepare a separate contract for each heir to sign?

Answer.—The whole matter can be properly done at the winding up of the estate by an order of distribution made by the county judge—or the children all

THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kaffr corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

The O. S. KELLY WESTERN MFG. CO.  
DEPT. B, IOWA CITY, IOWA.

being of age, can execute quit claim deeds of all their interests to you and your sister. The contract you mention, if properly drawn, is sufficient and can be enforced at law. The matter will be actually settled when the quit claim deeds are made and delivered.

HOMES IN THE NORTHWEST.

Why not settle on the government land, or low-price farm lands that are improved, in South Dakota; thus staying near at hand instead of journeying to a distant region where the climatic conditions and social surroundings are widely different? Special low rates are in effect the first and third Tuesdays of each month to all South Dakota stations on the North-Western Line. It will pay you to investigate. New lines are opening up extensive territory to development, creating the chance of a lifetime. Ask your ticket agent to give you full particulars, with maps, pamphlets, and complete information regarding railroads rates and the steps necessary to secure government land free.

SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

My 2-in-1 Harrow Makes a Perfect Seed Bed in HALF THE TIME



BECAUSE It does the work of both a Spring Tooth and a Spike Tooth Harrow at one time and at one operation.

Because, you see, my harrow is BOTH HARROWS IN ONE. If you have to go over your field four times now—you'll only have to go over it twice with my harrow.

If your ground is in such shape that you now go over it twice, then only once over will give you an even better seed bed when you use my harrow, and you can follow right along with a planter.

That means if it rains overnight you haven't got your work to do over again.

On newly broken sod you can work across the furrows (instead of with them) and not pull up a single sod or choke the teeth. You can prepare new ground with my harrow in a THIRD the time you can working the old way—using two harrows separately.

One lover instantly adjusts my harrow so you can use the spring teeth alone—or the spike teeth alone—or both together—or you can throw all the teeth up out of the way so that the frame will slide along the ground like a stone boat.

When a live farmer knows about my harrow he wants it. I can name, off-hand, twenty places near my farm in Cass Co., Mich., where you'll find good spring tooth and spike tooth harrows out in the barnyard with grass growing up around them.

The farmers have thrown them away and are using my harrow alone—and they're MAKING MONEY by doing it.

HOW I CAME TO INVENT THE 2-IN-1 HARROW.

I always had the same trouble you've had in getting my ground ready.

It seemed like there ought to be some way around it. So my brother and I got busy one winter and SOLVED THE PROBLEM.

This is the way we figured:

A spring tooth harrow wants to keep digging in all the time. That keeps the frame pressed hard on the ground and it's a tough pull on the horses.

A spike tooth wants to keep jumping up all the time, you have to put some hoft on the top to keep it down. The horses have to drag the hoft as well as the harrow.

So we made a 2-in-1 harrow—spring and spike teeth together. That season we used it on our farm and it worked just as we figured it would.

The spikes kept the springs from digging in too far, and the dig of the springs kept the spikes down to their work—and once over (except on extra bad ground) left a smooth, even, perfect seed bed.

That's why my 2-in-1 Harrow was easier on the horses than either a spring tooth or spike tooth alone and SAVED OVER HALF OUR TIME getting ready for planting.

The best proof of how really good my harrow is lies in the actual fact that every harrow I have sold has since sold from two to five more.

My Harrow is such a really wonderful thing and such a TIME and MONEY saver for the farmer that I expect each harrow I place will keep on selling others in the neighborhood. So I have decided to make a

SPECIAL CONFIDENTIAL PRICE to the first man in a locality who writes me—the confidential price will be AWAY DOWN, too.

Don't even consider buying a Harrow till you get my confidential Introduction Price.

Write quick to

J. R. NAYLOR,  
Naylor Mfg. Co., 14 Spring Av., LaGrange, Ill.  
(Not Incorporated.)

From Factory to Farm





# HOW TO FERTILIZE

Every farmer knows that plants need Food as much as cattle. He knows, too, that plants cannot get all the Food they need out of the ground alone. He must supply them with certain Food himself, or they will not thrive, and bear their full yield of fruit. Exactly as he supplies hay and oats to his horse so he must supply Nitrogen and phosphate to his plants. He may buy these in the open market exactly as he does his hay or his oats, or he can buy them in combination in the form of a "complete fertilizer." There is no secret value in the complete fertilizer; it is nothing more or less than the ingredients combined and sold at a higher price. Nitrogen is by far the most expensive as well as effective of plant foods, and it will pay the farmer well to stop and think before he buys it in this combination form.

## The Best, Cheapest, and Most Digestible Nitrogenous Food for Plants.

The cheapest and most practical form in which to furnish nitrogen to plants is Nitrate of Soda. In the rainless region of Chili are stored away vast quantities of Nitrogen in what are known as Nitrates—the only form in which Nitrogen can be utilized by a plant. The Nitrogen which exists in organic matter; that is, roots, stems, dead leaves, weeds, leather, dried blood, etc., and also Nitrogen in the form of Ammonia salts, must first be changed to Nitrate before it can be taken up by plants. This change is dependent upon conditions of weather. If season is backward or there be a prolonged drouth this change may be so retarded as to deprive the plant altogether of Nitrate Food at the very time it needs it most; moreover Nitrogen in the form of Ammonia salts leaves an acid residue in the soil. Nitrate of Soda, on the other hand, is entirely independent of weather and leaves alkali behind as a soil sweetener. It is immediately available under any circumstances, for it is readily soluble, and immediately it comes within reach of the roots of plants it begins to be taken up by them. It can, therefore, readily be seen that the practical value of various forms of Nitrogen ranges from nothing at all, where conditions of temperature of soil prevent Nitration, to 100 per cent in Nitrate of Soda where Nitration has already completely taken place. Moreover, the process of transforming the nitrogen of cotton seed meal, dried fish, dried blood, tankage, sulphate of ammonia, and other nitrogenous constituents of "complete fertilizers," into Nitrate is very wasteful, for much valuable Nitrogen is lost in the process, as well as by natural oxidation. Soil experiments have shown that 100 pounds of nitrogen in these forms have only about one-half to three-fourths the manurial value of 100 pounds of nitrogen in its Nitrated form of Nitrate of Soda.

### A Great Saving.

In view of these facts it seems extraordinary that farmers should continue to purchase their Nitrogen in compound form with phosphate, when they can procure it much cheaper, and ready for the plants' immediate use, in the form of Nitrate of Soda.

One ton of Nitrate of Soda has more valuable energizing food for plants than fifteen tons of the average cheap low grade complete fertilizers, on which you are paying freight on inert filler, and it contains more and better food than you will get in ten tons of the average so-called high grade "complete fertilizer." Why not buy the real thing and actually save big money in cost and in freight? One hundred pounds of Nitrate per acre is all you need as a starter. Why not

have the substance instead of the shadow? It costs from twenty-five to thirty cents a pound in so-called "complete fertilizers," and even then is often in a form which is not available as food for the plants, for it must first be converted into Nitrate. The time required to do this varies from a few days to a few years according to the temperature of the soil and the kind and condition of the material used in the "complete fertilizer."

It must be recognized that the farmer should have a chance to derive some profit from the use of a fertilizer, and wise buying is a prerequisite to successful use.

### How it Helps Crops.

If a young pig or a young calf does not have an abundance of the right kind of feed when it is young it becomes stunted in growth, and never recovers from it, no matter how judiciously it is afterwards fed. The intelligent cultivator has learned that this holds good in the feeding of plants. Nitrogen is the

benefited by Nitrate of Soda, which can be furnished all ready for digestion when the plants require it.

The highest agricultural authorities have established by careful experimentation that 100 pounds per acre Nitrate of Soda applied to crops has produced the INCREASED yields tabulated as follows:

Barley .....	400 lbs. of grain.
Oats .....	400 " "
Rye .....	300 " "
Wheat .....	300 " "
Potatoes .....	3,600 " Tubers
Hay, upwards of.....	1,000 " Barn cured
Cotton .....	500 " Seed cotton
Sugar Beets .....	4,000 " Tubers
Beets .....	4,900 " "
Sweet potatoes.....	3,900 " "
Cabbages .....	6,100 Pounds.
Carrots .....	7,800 Pounds.
Onions .....	1,800 Pounds.
Turnips .....	37 per cent.
Strawberries .....	200 quarts.
Asparagus .....	100 bunches.
Tomatoes .....	100 baskets.
Celery .....	30 per cent.
Hops .....	100 pounds.

Nitrate of Soda is a plant tonic, and an energizer; it is NOT a stimulant in any sense of the word.



**OLD-FASHIONED WHEAT CROPS**

Big stalks, well-developed heads and large kernels—the best, whether you sow for hay or wheat—will be assured if you use

## Nitrate of Soda

The two wheat fields illustrated above tell their own story. By tests carried on all over this country, it has been demonstrated that 100 lbs. of Nitrate of Soda to the acre has resulted in an average increase of 300 lbs. of wheat on each acre. It is the standard nitrogenous fertilizer, and the cheapest.

**TEST IT FOR YOURSELF ENTIRELY FREE**

Let us send sufficient Nitrate of Soda for you to try, asking only that you use according to our directions, and let us know the result. To the twenty-five farmers who get the best results, we offer, as a prize, Prof. Voorhees' most valuable book on fertilizers, their composition, and how to use for different crops. Handsomely bound, 327 pages. Apply at once for Nitrate of Soda, as this offer is necessarily limited. Books of useful information will be sent free to farmers, if paper is mentioned in which this advertisement is seen.

Send name and complete address on post card.

**WILLIAM S. MYERS, Director, John Street and 71 Nassau, NEW YORK**

element which enters most largely into the building up of the plant itself—root, stem and leaves. Most plants need to take up most of their Nitrogen during the early stages of their growth, as in oats. It is plain, therefore, that the cultivator cannot afford to overlook Nitrate, and thus endanger the chances of his crops which must have Nitrogen in a form the plants can use. The presence of Nitrate at the outset enables the plant to get its food when it needs it most, and develops a vigorous growth of roots, leaves and stems capable of withstanding the scorching rays of the sun or sudden changes of the temperature, disease or the attacks of parasites.

Nitrate of Soda is of high value for early crops, such as peas, corn, beets, and cabbage, where rapid maturity is desirable. It is a special help to hay, grain, rye, wheat, timothy, orchard or other cereals or grasses, all of which are unable to obtain sufficient Nitrogen from the soil just when they need it. It is a great specific in the production of sugar beets, potatoes, cotton and sugar cane.

Small fruits, such as blackberries, currants, raspberries and gooseberries, which need a steady, even growth are greatly

Nitrate of Soda may be used alone without other fertilizers, as a Top Dressing, at the rate of not more than 100 pounds to the acre.

### How to Learn About It.

The Nitrate mines in Chili are supervised by the government and authentic information is annually circulated about Nitrate of Soda among those who should profit by it. For this purpose the Nitrate of Soda Propaganda is maintained. Advertisements have been placed in the leading agricultural papers and offices established at John Street and 71 Nassau Street, New York, for giving out information in regard to actual tests made with Nitrate of Soda and as to its uses.

### Results on Hay.

For three years samples of Nitrate of Soda have been sent to farmers to experiment on Timothy. In each case two patches were marked out in the hay field, side by side—each about 20 feet square, about 1-100 of an acre. One re-

ceived Nitrate of Soda, equivalent to 100 pounds per acre, the other had none. The following are fair samples of the results reported, giving the weight of cured hay in each case:

HORACE FIELD, MATTAPOISETT, MASS.

Plot without Nitrate, 60 lbs. Plot with Nitrate, 90 lbs.

"Hay was well made. Nitrate plot ready to cut 10 days earlier than plot without Nitrate and the growth now is much heavier on the Nitrate plot."

WM. NORMAN, TOLEDO, O.

Plot without Nitrate, 36 lbs. With Nitrate, 62 lbs. "This is what I call dynamite soda."

E. P. NANCE, OAK LEVEL, KY.

Plot without Nitrate, 70 lbs. Plot with Nitrate, 104 lbs.

OLE O. HATLEDAL, BENSON, MINN.

Plot without Nitrate, 20 lbs. With Nitrate, 52 lbs.

"Plot with Nitrate now thick with grass again and will produce second crop of hay. Plot without Nitrate will not be worth cutting again."

DAVID H. EPPLEY, MUSKINGUM, O.

Plot without Nitrate, 42½ lbs.; with Nitrate, 78 lbs.

"Am much pleased and only wish I had used it on my whole field."

HERBERT J. FRANCE, BLAIRSVILLE, PENNA.

Plot without Nitrate, 63 lbs.; with Nitrate, 118 lbs.

"Hay was thoroughly cured when weighed. Plot with Nitrate kept six or eight inches ahead all summer."

H. E. HAPPEL, COCOLAMUS, PENNA.

Plot without Nitrate, 28 lbs.; with Nitrate, 53 lbs. "Am well pleased with the results."

ALONZO J. BRYAN, HUNTERDON, N. J.

Plot without Nitrate, 31 lbs.; with Nitrate, 63½ lbs. "The Nitrate made wonderful results."

CHAS. J. GROTH, SPRINGVILLE, N. Y.

Plot without Nitrate, 78 lbs.; with Nitrate, 147 lbs. "Cut Nitrate plot twice."

E. B. STRONG, CAUMING, NOVA SCOTIA.

Plot without Nitrate, 68 lbs.; plot with Nitrate, 91 lbs. "Much pleased with results."

LEONARD D. SPICKNALL, LA BELLE, MO.

Plot without Nitrate, 44 lbs.; with Nitrate, 69 lbs. "I consider Nitrate of Soda a most valuable producer, as hay seems softer and brighter from Nitrate plot than from the other."

WM. HENDERSON, ATHENS, PENNA.

Plot without Nitrate, 34 lbs.; with Nitrate, 60 lbs. "It was a fine test."

The average of these tests show an increase of 2,775 pounds of field cured hay per acre with the use of 100 pounds Nitrate of Soda. Bearing in mind the cost of Nitrate of Soda per 100 pounds, it is very evident that it pays to use it.

### The Purpose of the Nitrate Propaganda.

Free books, bulletins and all desired information are promptly forwarded to farmers interested. Thousands of farmers of the United States have seen Nitrate of Soda advertisements and thousands have written in answer to them for free books.

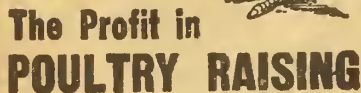
No nitrate is sold by the Nitrate Propaganda; it is maintained simply to put the facts clearly and accurately before the cultivators throughout the country and rapidly they are finding out that Nitrate of Soda is the cheapest and by far the most practical form of supplying their crops with Nitrogen. It is the only existing instantly available Nitrogenous Food for Plants.

### Free Information.

To a limited number of farmers who want to know, the Propaganda, in addition to bulletins from agricultural experiment stations, giving results of actual trials with Nitrate of Soda, is sending handsomely illustrated books, which any farmer may understand, and which should be in the library of every farm in the United States.

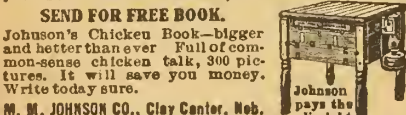
Farmers who may not care to make any of the experiments, who would like to know the results that others have obtained or who desire any information whatever concerning Nitrate of Soda, should write to William S. Myers, Director, John Street and 71 Nassau Street, New York.



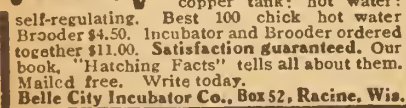


**DR. HESS**  
**Poultry PAN-A-GE-A**

**DR. HESS & CLARK**  
Ashland, Ohio  
**Instant Louse Killer Kills Lice**



Incubator and Poultry Catalog **FREE**. Booklet, "Proper Care and Feeding Small Chicks," 10c. 50c poultry paper one year, 10c.



water. Temperature always uniform. Warm water tank above chicks with loose flannel cover spring under flannel chicks borer. Warmth equally spread and chicks do not crowd. No under-heat to burn their feet. No steps or bridge to climb. No lamp fumes or burnt air to breathe. Should lamp go out the warm water would be all right. Lamp above chicks, has safety burner so chicks grow. Write for Catalog 106.

Next in importance is freedom from lice. Dust the poult and mother thoroughly with lice powders. If a turkey droops look for lice. Keep the lice off and you are sure of success. Until the poult is thoroughly feathered dampness should be avoided. If a sudden shower comes up get them into the barn. If you have one of the domestic breeds of turkeys it will not take long to find them and gather them in. Avoid letting the little fellows out in heavy dews in the morning. They will do better



stay in until the grass is pretty well dried out. Last of all keep the poults and coops thoroughly clean. Filth is another deadly enemy. Keep clean dishes, coops and everything surrounding the quarters in fresh condition. The turkey is a lover of cleanliness. Careful and painstaking attention to these four points, namely, food, lice, dampness and cleanliness, will give one the victory. After all, in turkey raising, like all other industries, the secret of success is in taking pains. P. M. Moore.

Commercial Poultry advises poultry raisers to arrange to grow a small garden for the fowls next summer. Plant a small plot in cabbages, beets, carrots and squashes for green stuff, and a larger one with sunflowers for the seeds and the shade they will make during the summer. To this advice should be added the advisability of raising Swiss Chard for the fowls. There is nothing grown that they like so well for greens. It is a foliage beet without the tuberous root, and is of the easiest culture. It is also fine for table "greens," much better than beet tops.

There is nothing in the old-time theory that allowing eggs to accumulate in the nest, or placing nest eggs in the nests, influences increased egg production. One writer puts it, "the hen seeing eggs in the nest is encouraged to increase the number." The bare fact remains that all records of phenomenal laying, and all of the established laying strains, have been made so through the means of a trap nest. As eggs are gathered from these nests as fast as laid, and the nest always empty, it is proof that the theory is not founded on fact.

Our American breeds combine hardiness and utility. This much cannot be said of many of the breeds sent us from other countries. Fanciers who have the ultimate good of poultry at heart, should use every effort to increase and maintain hardiness and utility qualities in all breeds in their care.

In order to build up a good trade for strictly fresh eggs, they should be not over three days old. One bad egg condemns the lot. It is claimed that more money is spent in this country for eggs than for flour.

#### POINTERS.

—Mr. M. F. Anderson, of Jewell, Iowa, is quoting prices on large Imperial Pekin duck

# Are You Feeding Lice



Don't try keeping hens and lice at the same time. If you do, the lice will have the benefit, the hens the annoyance, you the experience. Get rid of lice before experience costs too much. Dust hens, nests, platforms, every nook and cranny with

# Instant Louse Killer

One or two applications will rid the house and hens of every mite and body louse. Instant Louse Killer kills lice on poultry, horses, cattle, sheep ticks, bugs on cucumbers, squash and melon vines, cabbage worms, slugs on rose bushes, etc. It is also a perfect disinfectant and deodorizer. Sold on a written guarantee. Comes in shaker-top can for convenient use winter or summer. See that the word "instant" is on the can, as there are many imitators.

1 lb. 25 cents } Except in Canada and extreme West and South.  
3 lbs. 60 cents }

If your dealer cannot supply you, we will send 1 lb. by mail or express, prepaid, for 35 cents.

Manufactured by  
**Dr. HESS & CLARK,**  
Ashland, Ohio.

#### POULTRY.

**SIXTEEN FIRSTS AND ELEVEN SECONDS**  
In Two Shows in 1906 by the  
**IOWA POULTRY FARM.**  
Barred Rocks White Rocks  
S. L. Wyandottes S. C. R. L. Reds  
Stock for Sale. Farm Raised.  
EGGS, \$1.00 PER 15.  
J. W. RADEBAUGH, INDIANOLA, IOWA

**EGGS! BARRED PLYMOUTH ROCKS.**  
Cockerel and pullet mating; average score of 90, hens 90, and cocks 91½ and 92, Judge Wale. \$1.50 per 15. Mammoth Bronze turkeys, hens scored to 97½, toms, 97½, \$3.00 per 9.  
W. F. Wheaton, Outlook Farm, Dresden, Mo.

**BARRED PLYMOUTH ROCKS** Single Comb Brown Leghorn eggs for hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$4.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa

**BUFF Rocks for sale.**—150 pullets, hens, cocks and chicks, scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steidom, Lacey, Ia.

**WHITE P. Rocks exclusively.** Eggs \$1.50 per 15; 11 chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisa Co., Ia.

**EGGS FOR HATCHING** from high scoring Rouen ducks at one dollar per ten eggs. Address, J. H. Howarth, Moulton, Iowa

**EGGS** S. L. Wyandottes, \$1, 15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys 2.50 per 9. Choicestock. Mrs. F. R. McLaughlin, Manning, Ia.

**LIGHT BRAHMA EGGS** Twenty-five for one dollar, \$3.50 for one hundred. Address, Mrs. Lem Wyle, Clarksville, Iowa.

**EGGS** Barred Plymouth Rock, \$1 and \$2 per 15; \$3, 50; \$5, 100. W. Wyandottes, \$2, 15. Mating list. W. C. Frazier, Atlantic, Cuss Co., Ia.

**BARRED P. Rock eggs** from extra good stock. \$1.50 for 15. M. B. turkey eggs from large birds, good color, \$3 for 9. Jas. Atkinson, Des Moines, Ia.

**WHITE WYANDOTTE EGGS,** \$1.50 per 15, \$2.50 per 30, \$6.00 per 100. Hens score 95 to 96½. Address, Mrs. L. M. Estes, Audubon, Ia.

**ROSE COMB** Brown Leghorns exclusively. Eggs for hatching. \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

**EGGS** For hatching from high scoring birds. M. W. H. turkeys, \$2.50, 10; I. P. ducks, \$1.50, 11; W. Wyandottes, \$3, 100. Mrs. C. F. McLochin, Gray, Ia.

**PARTRIDGE COCHIN** Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; full cy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

**FOR SALE** Barred P. Rock eggs, 26 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

**LIGHT BRAHMA** And R. C. B. Leghorn eggs, \$1 to \$2 and \$4 to \$5 per 100. Order soon. Mrs. Frank Hart, Route 2, Danbury, Ia.

**EGGS** From high scoring Black Langshans and S. L. Wyandottes. 15 eggs, \$1.25; 50 eggs, \$3; 100 eggs, \$5. Mrs. Wm. Barr, Kirkman, Ia.

**BARRED P. ROCK** Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

**TWO GRAND PENS** Of Buff Wyandottes, Brey and Beath strains. Eggs \$1.50 and \$2.00 per 15. Clarence McClellan, Lowden, Iowa.

**LIGHT BRAHMAS** bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritschman, Route 2, Muscatine, Iowa.

eggs in his advertisement that appears on this page.

—Rose Comb Brown Leghorn eggs are offered for sale by Smith Brown, Waterloo, Neb.

—Prompt attention will be given all orders for Black Langshan and S. L. Wyandotte eggs advertised by Mrs. Wm. Barr, Kirkman, Iowa. Prices on this page. Mention The Homestead.

—Anyone looking for big value in B. P. Rock eggs for hatching should write to Mr. C. G. Good, Ogden, Iowa. For prices see this page. Mention The Homestead.

—"They are pleasing everyone," writes Mrs. Frank Hart. See this page for her advertisement of Light Brahma and R. C. B. Leghorns. Kindly mention The Homestead.

—Eggs from two choice pens of Buff Wyandottes of the Brey and Beath strain are offered for sale by Mr. Clarence McClellan, Lowden, Iowa. Quotations are made on this page. Mention The Homestead in your inquiry.

—Eggs by the dozen or hundred are priced on Light Brahmans, Partridges or Silver Wyandottes. Also on Pekin ducks, Bronze turkeys and Toulouse geese by Mrs. O. B. McKeag, Montezuma, Iowa. See this page. Mention The Homestead.

—Mr. W. E. Shutt, St. Charles, Iowa, is quoting very attractive prices on eggs from his B. P. Rocks. His flock is in the pink of condition and he can supply eggs in any quantity. See this page for prices. Kindly mention The Homestead.

—After fifteen years of experience in raising Light Brahmans, Mrs. A. H. Klepper, Muscatine, Iowa, is fully prepared to supply our readers with choice eggs in any quantities. Her birds are large, fine type and heavy layers. See this page. Mention The Homestead.

—For eggs from well mated Barred Plymouth Rocks and Mammoth Bronze turkeys write Mr. W. F. Wheaton, Dresden, Missouri. Both flocks contain high-scoring birds and are in condition to do their best. Orders will be filled promptly. See this page for prices. Mention The Homestead when you order.

—One of the greatest if not the greatest problems in poultry raising is to meet with, is to keep rid of lice, mites and other vermin. Hens cannot lay and thrive nor can little chicks do well if infested with mites and lice. Cleanliness is a great help, but even with all care vermin will exist and multiply. The problem is easily solved by using Hawkeye lice killer. This preparation comes only in liquid form and is one of the most effective louse exterminators known. The claim is made that it is a powerful deodorizer and disinfectant. It is applied with a sprayer or a brush and once there, no louse or mite can exist or breed. One application will last for

#### POULTRY.

# Phillips' Black Langshans

EGGS for hatching from three grand matings. Pen No. 1, scoring from 94 to 96, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 2, scoring from 94 to 96½, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 3 has farm range, scoring from 92 to 95, eggs \$2.50 per 15, \$4.00 per 30, \$10.00 per 100. Write for free circular.

**C. W. PHILLIPS,**

New Sharon, : : : : Iowa

**SPRINGWATER FARM POULTRY.**

A FEW CHOICE Mammoth Bronzes toms and hens for sale. All scored and a fine lot. Will sell reasonable for quality of stock. Address, WHISLER BROS., FAIRMOUNT, IOWA

**B. P. ROCK EGGS** From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cocks and chicks, weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners and sired by state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

**BARRED ROCK EGGS** 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Blue barred, Ringlet strain, scoring to 92. Also M. B. turkey eggs, Missouri King and Giant strains. Prize winners, scoring 96. \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

**EGGS** For sale from choice matings. Barred P. Rocks and Bronze turkeys, shell-barger strain. Write for free circular describing my matings. Prices right. Also six fine M. B. turkey toms at \$3.00 each. R. V. Leeper, Redfield, Iowa

**ROSE Comb Brown Leghorns, exclusively.** Eggs from stock scoring 92-93½ by Shellbarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm stock, \$1.00 per 15; \$2.00 per 50; \$3.50 per 100; \$6.00 per 200. R. L. Stewart, Charles City, Iowa.

**STOCK AND EGGS FOR SALE.** WHITE WYANDOTTES exclusively, Noxall strain. Here is quality and utility. Birds are pure white, good shape, good combs, and great layers. Eggs, \$2.00 per 15; \$3.50 per 30. Geo. Houge, Slater, Ia.

**BUFF** Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. L. Stilson, Montezuma, Iowa.

**SILVER LACED WYANDOTTE** Eggs \$1.00 for 15. Buff turkeys' \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

**Rose Comb Brown Leghorn** eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

**PRIZE-WINNING** Black Langshans exclusively, scoring to 94 at Dubuque, 1907. Eggs, 13 for 85c; 26 for \$1.50. W. W. Baskerville, Earlville, Iowa.

**ROSE Comb** White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 26, \$1.50. Choicestock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa

**SILVER LACED WYANDOTTE** Eggs for sale from high scoring birds at farmer's prices. S. R. Young, Greenville, Iowa

**PURE BLOOD WHITE PLYMOUTH** Rocks. Eggs, \$1.50 per 15, \$2.50 per 30, \$5.00 per 100. H. F. Allen, Blairsburg, Iowa.

**BLACK** Langshan eggs for sale from large boned, vigorous birds, having full farm range. 15 for \$1.00, 45 for \$2.50, H. M. McKeen, Sac City, Ia.

**Rose Comb** Brown Leghorn eggs at \$1 per 15, \$2.25 per 50, \$4 per 100, from stock scoring 91½ to 94½. Address, Eva D. Tutt, Alta, Ia.

**BUFF** P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, Rt. 3, Newton, Iowa

**WHITE WYANDOTTES** Barred, White and Buff Rocks, 20 eggs, \$1.00, from birds that always win prizes. J. T. Molloy, Albion, Ia.

**SINGLE COMB BROWN LEGHORN** Eggs, 75 cts. per 30. Address, Collins Brothers, Viola, Iowa.

**SEVERAL** Large, Black Langshan cockerels for sale. Eggs, \$1.00 for 20; \$4.00 for 100, from high scoring stock. Mrs. Geo. Tutt, Marathon, Ia.

**BARRED** Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

**ROSE COMB WHITE LEGHORNS** Eggs, thirty for \$1.00; 100 for \$2.50. Address, M. T. McEvoy, Emmetsburg, Iowa

**WHITE** Plymouth Rock eggs from birds scoring 94½, farm range; \$1 per 15, \$1.50 per 30, \$2 per 50 and \$3.50 per 100 eggs. D. A. Good, Ogden, Ia.

**MAMMOTH** Bronze toms; B. P. Rock eggs, \$1 per 15; \$4 per 100; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Iowa.

**MAMMOTH BRONZE** Turkey eggs. Also Pekin duck eggs. Turkey, \$2.50 per 9; duck, \$1 per 9. Mrs. A. Kison, Audubon, Iowa.

**Barred** Rock eggs from pullet bred farm raised fowls including scored stock; \$1, 15; \$5, 100; Toulouse geese eggs, 25c. Mrs. Jas. Cockerton, Whiting, Ia.

**DUCKS** Large Imperial Pekin duck eggs, \$1.50 for eleven. M. F. Anderson, Box 427, Jewell, Iowa

**PRIZE** WINNING Light Brahmans and Barred Rocks, scoring 90 to 93. Eggs \$1 per 13, \$2 per thirty. J. Q. Swallow, Box 89, Nodaway, Iowa

**Single C. White Leghorns** Exclusively. Wyandottes, Buff Rocks and Black and Blanchard strains. Eggs for sale. W. C. Jones, Richland, Ia.

**S. C. BUFF** Orpingtons, the famous Cook strain. Large fine birds, solid buff. Eggs \$1.50, 15. Sent in patent shippers. D. W. Boydston, Nevada, Ia.

**S. C. B. LEGHORNS**, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

**BUFF** Rock eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Link & Son, Shelby, Iowa.

**UPf. and Poultry** Farm eggs from Lt. Brahmans, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Haus, Waucoma, Iowa.

**SILVER LACED WYANDOTTE EGGS** 15 FORT \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

**EGGS** for hatching. S. C. Buff Orpingtons, \$1.50 per 15; Golden Buff Rocks, \$1.00 per 15; \$5.00 per 100. Mrs. G. R. Fuller, Route 4, Itasca, Iowa.

**MY ROSE COMBED WHITE LEGHORNS** are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

months. Stalls of barn if painted with this preparation will keep away flies and insects of all kinds and your horses will never have distemper and kindred diseases. All that is

#### POULTRY.

# SINGLE COMB BLACK ORPINGTON

STOCK direct from Byer's prize winners. Clean sweep at Montezuma Poultry Show. Eggs, \$3.00 per sitting. Single Comb Rhode Island Reds from prize-winning pen, \$1.50 per sitting. Bronze turkey eggs twenty cents each. Member National Black Orpington Club. Address,

**FRED WILLIAMS, BARNES CITY, IOWA**

**Pheasant, Duck, Goose, Brant & Chicken Eggs.**

VARIETY.	NO. PRICE.	VAR.	NO. PRI.
Wild geese	7, \$3.00.	PHEASANTS	
Wild Mallard duck	13, 3.00.	Golden	13, \$5.00
Bar'd Rock 11en eggs	13, 1.50.	Silver	13, 5.00
White "	13, 1.50.	Eng. H. Neck	15, 3.00
Wild White Brants	7, 3.00.	L'y Amherst	7, 5.00

Address, DEER LAKE PARK, SEVERY, KAN.

# Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahmans and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address, Mrs. J. C. Webber, Montezuma, Iowa

**EGGS FOR HATCHING** from pure bred poultry and eggs of 20 kinds for sale. Barred and Buff Rocks, Pekin ducks, Bronze turkeys, Toulouse geese, hares and fox hounds a specialty. Enclose stamp for catalog. Address, J. Fred Roy, Redfield, Iowa

**BARRED** Plymouth Rocks exclusively, Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

**S. L. Wyandottes** Pekin ducks and Bronze scoring, big boned stock at \$1.00 per thirteen, \$2.00 per thirty, \$5.00 per hundred. Ducks \$1.00 per nine, \$2.00 per twenty. Turkeys \$3.00 per nine, \$6.00 per twenty. Send postal for my 1907 catalog. Address, J. D. Smith, Route 3, Montezuma, Iowa.

**LIGHT BRAHMA, PARTRIDGE, SILVER WYANDOTTES** and Pekin duck eggs \$1.00 for 13; \$5.00 per hundred. Bronze turkeys and Toulouse geese eggs, 30 cents straight. Satisfaction guaranteed. Address, O. B. McKEAG, MONTEZUMA, IA.

# WANTED TO BUY

Mammoth Bronze and White Holland Turkey Eggs in Large Quantities. Write, stating what you have, giving lowest prices. Dean Swift Poultry Co., Des Moines, Iowa

# EGGS \$1 PER 15.

ROSE and Single Comb Brown Leghorn, White R. Crested Black Polish, Silver Spangled Hamburg, White and Barred Plymouth Rock. From high scoring birds. Edw. Dooley, Selma, Iowa.

**ROSE COMB RHODE ISLAND REDS.** 20TH CENTURY birds, cherry reds, \$1.50 for 15 eggs; \$6 for 100; excellent matings. Special care in selecting and packing eggs for shipment. Send order at once. W. W. Forbes, Box 710, Jefferson, Ia.

# BARRED ROCK EGGS

\$1 1st 15, \$5 per 100. Bright Latham Russell strains. Circular free. H. M. Jones Co., Grace-land Farm, R. R. No. 2, Berwick, Iowa.

**BARRED PLYMOUTH ROCKS** Standard mated, eggs, \$1.00 per 15. In incubator lots from range 100, \$3.75; two sittings, \$1.00. W. E. Shutt, St. Charles, Iowa.

# MAPLE LANE POULTRY FARM.

Light Brahmans, large size, farm range. Eggs, \$1, 15; \$4, 100. Mrs. A. H. Klepper, Route 1, Muscatine, Ia.

**EGGS** from thoroughbred Buff Orpingtons, R. I. Reds, B. and W. Rocks, B. and W. Leghorns, Wyandottes, ducks and geese. 10 chicks guaranteed. Cat. free. Humpton Poultry Co., B3105, Hampton, Ia.

**THE THREE BEST** and the best of the three. Single and Rose Comb Rhode Island Reds, Buff Orpingtons and Barred Plymouth Rocks. Eggs \$1.50 per sitting. J. A. Mattern, Newton, Iowa.

**S. C. BUFF ORPINGTON EGGS,** \$1.25 per 15; \$2.00 per 30; \$5.00 per 100. Carefully selected matings from choice scoring stock. D. J. Hurley, Mt. Carroll, Carroll County, Ill.

**BARRED PLYMOUTH ROCK** and Light Brahma eggs for hatching; from high scoring birds. 15, \$1.50; 30, \$2.50. H. G. Padley, Toledo, Ia.

**LIGHT BRAHMAS** Eggs for hatching at 50 cts. a sitting from stock as good as the best. Address, Mrs. J. M. Dries, Ashton, Iowa

**S. C. B. LEGHORN EGGS** Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Anthon, Iowa

**BARRED P. ROCK** Eggs from high scoring stock by the sitting or the hundred. Write for prices. Mrs. Mary D. Talbott, Mediapolis, Iowa

**CHOICE M. B. TURKEY** And Barred Plym. Rock eggs for sale at reasonable prices. Address, Mrs. J. H. Norton, Melrose, Iowa.

**ROSE COMB** Brown Leghorn eggs, 15, \$1.00; 30 \$1.50; 50, \$2.00; 100, \$3.00. 1 pay-express charges. D. W. Nickerson, Marble Rock, Ia.

**BUFF ROCKS EXCLUSIVELY** Choice cockerels yet for sale. Eggs from general flock. \$1.00. C. O. Garrett, Adelphi, Iowa.

**Black Langshan and B. P. Rocks.** Eggs \$1.50 per 15. Fine B. Langshan cockerels \$1.00 each. Mrs. J. H. Furks, Agency City, Iowa.

**EGGS FOR SALE**—Largest, best pure bred White Wyandottes, Light Brahmans and I. P. ducks. Honest deal. E. S. Dyas, Bellevue, Iowa.

**PURE** bred black and white Langshan, Lt. Brahma and M. B. turkey eggs, prices right. Mrs. S. E. Newell, Route 6, Anthon, Iowa.

**FOIT SALE**—Single Comb B. Leghorn eggs, 75 cts. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manilla, Iowa.

**SILVER** Laced Wyandottes, some choice chicks, that I will be sure to please you, \$1 to \$3 each. Eggs \$1.50 per 15. H. G. Smith, De Soto, Iowa.

**FOR SALE**—Eggs from White Wyandottes of fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

**SPECIAL**, high-class snappy lot. Barred Rocks, cockerels, pullets, eggs." Ferndale Fruit Farm, Harlan, Ia.

asked of you is to send for a sample glass panel. The preparation is put up in one, two, three and five gallon cans, full instructions with each can. Write for circular giving full particulars. Remember the name and address,



The Hawkeye Chemical Co., Drawer H, Knoxville, Iowa. Mention this paper when you write and see page 14.

White Wyandotte eggs exclusively is what A. J. Podendorf, Logan, Iowa, is advertising in this week's issue.

Barred Plymouth Rock eggs of the Bradley and Noxall strains are offered for sale by the Messrs. Aye Bros., Blair, Neb., at \$1.00 per fifteen.

Mrs. H. C. Lambert, Anthon, Iowa, is offering exceptionally low prices for eggs from S. C. B. Leghorns on page 15. Write her and kindly mention The Homestead.

Some fine Black Langshan cockerels and eggs and B. P. Rock eggs are being offered for sale by Mrs. J. H. Parks, Agency City, Iowa, on page 15. Mention The Homestead.

Eggs from carefully selected and mated S. C. Buff Orpingtons are being offered by Mr. D. J. Hurley, Mt. Carroll, Ill. For prices see page 15 and mention The Homestead.

The advertisement of Mr. H. F. Allen, of Blairburg, Iowa, offering eggs from pure bred White Wyandotte and White Plymouth Rock chickens will be found on page 15 of The Homestead.

Mr. C. O. Garrett, of Adelphi, Iowa, is offering choice Buff Plymouth Rock cockerels for sale in his advertisement on page 15. Mr. Garrett breeds these fowls exclusively; he also has eggs for sale from his general flock.

Mrs. J. H. Norton, of Melrose, Iowa, announces in her advertisement which appears on page 15, that she is able to supply Homestead readers with choice Mammoth Bronze turkeys and Barred Plymouth Rock eggs at reasonable prices.

Very attractive prices for eggs from Rose Comb White Leghorns and Black Langshans are quoted on page 15. These eggs are very choice stock with which Mr. Joseph Cappel, Ashton, Ia., has had twelve years of experi-

ence. Write him if you need any eggs of this breed.

Barred Plymouth Rock eggs from prize-winning pens are offered for sale by Mrs. L. C. Reece, Prescott, Iowa.

The Dean Swift Poultry Co., of Des Moines, Iowa, are in the market to buy Mammoth Bronze and White Holland turkey eggs in large quantities. They wish readers of this paper having same for sale would write them stating how many they have and lowest prices. See advertisement on page 15.

Geo. Houge, Slater, Iowa, quotes prices on eggs of White Wyandottes of the Noxall strain. These birds are of the correct type, pure white and of great laying strains. For quality and utility Mr. Houge thinks they are hard to excel. See his advertisement and when you write for prices mention this paper.

We want all of our readers to send to the H. M. Jones Co., Graceland Farm, Berwick, Iowa, for their illustrated circular of Barred Plymouth Rocks. They are reliable breeders and guarantee satisfaction to every customer. Their prices are very reasonable and their stock the best. Write them today before you forget and receive their fine circular free. See advertisement on page 15.

Mrs. Mary D. Talbot, Mediapolis, Iowa, writes that she has on hand some very choice settings of Barred Plymouth Rock eggs from high scoring stock. Prices will be quoted on the hundred eggs if desired. The cockerels at the head of her flock were purchased direct from E. B. Thompson. Readers placing their orders here are guaranteed absolute satisfaction. See page 15 and mention The Homestead when you write.

Mr. Fred Williams, Barnes City, Iowa, wishes to advise our readers that he is selling eggs from the Single Comb Black Orpingtons at \$3.00 per sitting. From his choice flock of Single Comb Rhode Island Reds he is prepared to send out some first-class eggs. His flock of Bronze turkeys is doing well. Eggs from these can be secured

also. See advertisement on page 15, and mention this paper when you write.

Mr. D. W. Nickerson, of Marble Rock, Iowa, can furnish Homestead readers with Rose Comb Brown Leghorn eggs. His advertisement appears on page 15.

Insending in copy for new advertisement for Pheasant, Wild Duck, Geese, Brant, White and Barred Plymouth Rock hen eggs, the Deer Lake Park, Severy, Kan. state they are well prepared to fill orders in this line and guarantee satisfaction. If you are looking for eggs of wild game especially, you should by all means get in communication with these people. See their advertisement on page 15, and mention the Homestead when you write.

Mr. W. W. Forbes, Box 710, Jefferson, Ia., writes us that he has taken special care in selecting and mating his Rose Comb Rhode Island Reds and expects something choice as a result. He is offering eggs at special prices to our readers. His birds are of the correct type and color and an order from this poultry breeder should result in very favorable returns when hatching time comes. See page 15 for the advertisement and mention The Homestead when you write.

Mr. S. R. Young, of Spencer, Iowa, is offering Silver Laced Wyandotte eggs for sale in his advertisement on page 15. Mr. Young writes that at the Northern Poultry Show in 1906 he took first on hen, second on hen and second on pullet, third on cockerel, and in 1907 he took first, second and third on pullet and second on cockerel, and only had four birds on exhibition. He advises us that he finds The Homestead the best advertising medium he ever used.

C. W. Phillips, New Sharon, Iowa, sends us a circular and price list of eggs and breeding stock of Black Langshan poultry. He is now offering high grade eggs from matings which he considers unexcelled. These eggs are from birds which scored from 94 to 96½ and are brought up under very natural conditions. If you are interested in this breed,

you should by all means have this circular. Prices for eggs are quoted on page 15. Kindly mention The Homestead when you write.

Mrs. R. Van Der Wert, of Lacey, Iowa, announces in her advertisement that appears on this page of "The Homestead" that she has a few more fine, unscored Barred Plymouth Rock cockerels for sale. She also has Barred Plymouth Rock eggs for sale.

Mr. J. S. K. Campbell, of Morning Sun, Ia., a poultry breeder of sixteen years experience, writes us that of all the breeds which he has worked with, he thinks the White Plymouth Rocks are the most satisfactory for all round purposes. His present flock of this breed he thinks is just about right in regard to size, early maturity and laying qualities. His hens score from 91 to 95 and the cockerels 92½ to 94. The fowls in the flock are pure white with full breast and very fine yellow skin. Eggs are now being offered at reasonable prices and are guaranteed to be satisfactory. We would advise any of our readers who are looking for good eggs of this breed to write. Liberal treatment is assured as indicated by the advertisement on page 15. Kindly mention the Homestead when you write.

LIKE A MOTHER HEN.

On another page, under the above title, "Like a Mother Hen," will be found a poultry brooder. At present there are thousands of these in use, and their simplicity commends them to the use of those who need a sure brooder. This brooder is heated by warm water, which insures an even temperature at all times and in all parts of the brooder. This prevents the chicks from crowding. The water is heated by a lamp in a position where it is impossible for the kerosene fumes or burnt air to contaminate the place in which the chicks are kept. An added advantage is that the heat may be regulated and adjusted to the demands for warmth. Write for catalog 106, which explains all about this automatic brooder. Address Automatic Hatching Company, Detroit, Mich.

## POULTRY.

### 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone. E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN, - - - ALTA, IOWA

### STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 25 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerel; 1st on pen and the largest number under standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

### BLACK LANGSHAN CHICKENS

I HANDLE THEM exclusively. Eggs for hatching. Pen No. 1, cock, scores 94½, price per sitting, \$1.25. Pen No. 2, cock, scores 94, price per sitting, \$1.00. O. H. STILSON, CORWITH, IOWA

### S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

LEGHORNS AND ROCKS—Eight years breeders of B. P. Rocks, Single Comb White Leghorns, Rose and S. C. Brown Leghorns. We offer eggs from choice matings with guarantee of 65% fertile at \$1 for 15, \$4 per 100. Barker Bros., Indianola, Iowa

### S. C. RHODE ISLAND REDS.

NOT equaled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. P. H. Thiel, Kenwick, Humboldt Co., Iowa.

### ROSE COMB BROWN LEGHORNS.

FOR 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 18, \$1.50; 50, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$4. Ella Sharp, Mt. Sterling, Ia.

### BARRED ROCKS

Famous Eclipse strain. Son of 1st hen, Chicago, mated to pullets scoring 90 to 92 points. Will produce winners. Eggs 15, \$1.50; 30, \$2.50. O. J. Villard, Slater, Ia.

### WHITE

Plymouth Rock eggs, Isabel strain, 26 eggs for \$1.25, 50 for \$2.25, 100 for \$4.00. Extra good flock, score up to 94 points, farm range. Address, Mrs. O. J. Early, Bristow, Iowa.

### EGGS FOR HATCHING

FOR HATCHING from pure bred S. C. W. Leghorns and Barred Plymouth Rocks at 75 cents per 15, \$2.00 per 50, \$3.50 per 100. Address, Robert Holm, Rural Route No. 1, Eaton, Iowa.

### BUFF WYANDOTTES.

Pen No. 1, first pen Iowa State Fair 1906, also first pen at Winterset, Ia. Pen No. 2, headed by 1st cockerel at Indianola, Ia. 94½. Eggs \$1.50 for 15. A. B. Goodman, Indianola, Ia.

### MY FINE BARRED P. ROCK

Ing 91 to 92½. Mated to cks scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50. H. I. Anestad, Slater, Iowa.

### EGGS FROM CHOICE MATINGS.

Rose Comb B. Leghorns, S. C. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

### PURE BRED Single Comb Black Minorca eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

### PLYMOUTH ROCK EGGS

Barred and Buff, score 90 to 93 respectively. \$1.50 for 15; \$2.50 for 30. Guarantee 65% fertile. L. T. Calhoun, Indianola, Iowa.

### LEGHORNS

S. C. Brown and White. Birds score to 96. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianola, Iowa.

### SINGLE COMB White and Brown Leghorns.

Each variety on separate farm. Eggs \$1.00 per 15; \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

### BLACK LANGSHAN

eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Okaloosa, Ia.

### WHITE WYANDOTTES.

standard bred. Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

## POULTRY.

### HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks. 1st premium won wherever shown. Yards headed by high scoring exhibition cockerels. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and I. K. Felch's reserved pens, and sell 18 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$11.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. I mate them by standard rules. A good hatch guaranteed. I am an expert caponizer. Catalog free.

REUBEN E. SANDERS, PROP.

FULL MOON POULTRY FARM - MONTEZUMA, IA.

### Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, - Montezuma, Iowa

### S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyckoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. R. E. Brown, Richland, Iowa.

### BARRED PLYMOUTH ROCK EGGS.

FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Fine catalog free.

S. V. LATCHAM, - Montezuma, Iowa

### EGGS FOR HATCHING

MAMMOTH Bronze Turkeys, Barred Plymouth Rocks and Pekin Ducks. Prices reasonable. Correspondence solicited.

G. M. GRINSTEAD, - Mitchellville, Iowa.

### Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

### VEDAR Lawn Poultry Farm.

Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks, scoring from 90 to 93. Pullets score from 90 to 93½. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

### EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-H Audubon, Ia.

### Barred Plymouth Rock Eggs For Hatching.

PER 15; \$2.50 per 30; \$4.00 per 45. Parent stock direct from Bradley Bros. and W. H. Nebert strains. Males and females are clear barred to hide and scoring to 92 and 91 respectively. Write C. C. DRAKE & SON, La Harpe, Ill.

### PAUL'S WHITE WYANDOTTES.

THE KIND that lay well, weigh well, and win in the show room. Cockerels and pullets from one to five dollars each. Eggs farm raised. 50c per sitting (13). Exhibition pen, \$1.50 per sitting. Eggs guaranteed strictly fresh. F. G. Paul, Laurel, Iowa

### BARRED PLYMOUTH ROCK EGGS

FOR \$1.45 for 20, 100 for \$4. From my fine a flock of hens as any you wish. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

### Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reece, Prescott, Iowa.

### CHERRY HILL POULTRY FARM.

BREEDERS of Golden, Silver and Buff Wyandottes, B. P. Rocks and S. C. White Leghorns. First prize Iowa State Fair. Stock and eggs for sale. Peterson Bros., Props., Indianola, Iowa

### Barred Plymouth Rock eggs.

Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa

### BARRED P. R. eggs for hatching.

All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

## POULTRY.

### EVERGREEN LAWN FARM

M. HUMMEL, PROP., MONROE, IOWA

BREEDER of monster B. P. flocks for 24 years. Yards headed by Iowa State and Jasper County fairs first prize winning stock, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 18 1st and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

### The Evergreen Poultry Farm, Marathon, Ia.

B. P. Rock, great large ones, free range; eggs \$1 per 15 or \$4 for 100. Yd. 1, ckl. mating is headed by 1st prize ckl. at Northern Ia. Poultry show. Yd. 2 is pullet mating headed by a 3rd prize ckl. Eggs either yard \$2 per 15. M. B. turkey eggs \$3 per 10. Toulouse geese eggs 25c each. P. duck eggs \$1.25 per 11. Orders filled promptly. Write, Mrs. Silas Cobbs,

### Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$4.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa

### EGGS! EXPRESS PREPAID.

BARRED Plymouth Rocks, choice selected stock, 15, \$1.50; 30, \$2.50; 100, \$5.00. White Wyandotte birds from yards that won in six entries, 1st, 2d, 3rd at Chicago Show, 1907. \$2.50 per 15. Address, Ray Stacy, "The Red Hog Man," Rochelle, Ill.

### BIG BRONZE TURKEY EGGS

\$5.00 per 10. Flock headed by 1st prize tom at Northern Iowa Poultry show, and hens weighing 23 to 28 lbs. Giant Barred Rock eggs, flock headed by 1st and 2d cocks and 92 point cockerels scored by Heimlich. Males weigh 11 to 13½, females 9 to 12. Satisfaction guaranteed. Grant Gallaher, Spencer, Ia.

### BARRED ROCK EGGS.

The cockerels heading my pens from 1st pullet at Boston and 4th cockerels at New York 1906. Eggs \$1.00 to \$1.50 per 15. Write for mailing list.

MATT S. SMITH, - GRINNELL, IOWA.

### Mammoth White Holland Turkeys, Large Pekin Ducks, Barred Plymouth Rocks.

EXTRA large high-scoring prize winners. 10 turkey eggs, \$3; 10 duck, \$2; 13 Barred Rocks, \$2. FRED POST, MOULTON, IOWA

### White Wyandottes Exclusively.

Eggs, \$1.50 per 15 or \$2.25 per 30. Our flock is free from brass, are of good size and shape. I guarantee 10 chicks to hatch or eggs will be replaced at half price. Orders filled promptly. Address, A. J. PODENDORF, LOGAN, IOWA

### WYANDOTTE EGGS.

BUFF, Golden and Silver Laced, \$1.50 for 15; \$2.50 for 30; \$6.00 per 100. We guarantee that best 3 chicks per sitting; if not, eggs replaced at half price. Address, A. L. Anderson, Indianola, Iowa.

### BARRED ROCK EGGS

Pens headed by sons of the World's Champion of 1906. Also Mammoth Bronze turkey eggs. Mrs. P. L. Carroll, Hampton, Iowa

### LIGHT BRAHMAS

Bred exclusively for ten years. Eggs, \$1.50 per 15. Oren J. Spall, Pleasantville, Ia.

### EGGS

For hatching, from pure bred Buff Cochins, Barred P. Rocks, White Wyandottes, \$1.00 per 15. Peter Gelzer, Minden, Iowa

### WHITE HOLLAND

Turkeys. High-class breeding stock; all but one are yearlings. Eggs, \$2.25 per 9. Mrs. J. H. Richardson, Bristow, Ia.

### GOLDEN

S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.75 for 25. A. LeFevre, Earlville, Iowa

### EGGS FROM PURE BRED Barred Plymouth Rocks for hatching.

Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

### ROSE COMB

White Leghorns. State Fair prize winners, eggs 75c per 13; \$2 per 40; \$4 per 100. Mrs. Grace Davidson, Manson, Iowa

### OTTUMWA Poultry Yards.

Light Brahmas Exclusively. Some bargains in last year's stock. Write for prices. R. T. Cameron, Ottumwa, Iowa.

### EGGS FROM FOURTEEN LEADING varieties of poultry.

Great bargains, quality considered. Address, Barton J. Hoyt, Pleasantville, Iowa

### WHITE PLYMOUTH ROCK EGGS.

15 for 75 cents, 30 for \$1.00; 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa

### 10,000 BARRED PLYMOUTH ROCK EGGS

for sale. Bradley Bros. and Judge Norval stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

## POULTRY.

### BARRED PLYMOUTH ROCK

— EGGS FOR HATCHING —

Pen No. 1, hen and pullet mating with cockerel scoring 88, of the Ringlet strain, at \$1.50 per sitting, of 15; pen No. 2, hen and pullet mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

MRS. E. F. ESCHER, Manning, Iowa

### 219 Egg Strain

### Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

W. A. HARTMAN, Winterset, - Iowa

### Big Money in Poultry

STOCK, eggs and dry-old chicks for sale. Write for my catalog.

### Mrs. B. F. Wilcoxon,

Fort Des Moines, - Iowa.

### Mammoth Bronze and White Holland

Turkeys.

### BOTH hens and toms for sale.

Barred Plymouth Rocks, Silver Laced Wyandottes, cockerels and pullets. Mrs. E. H. Duncer, Lamoni, Iowa.

### Mike's S. C. Buff Orpington Ranch.

EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94. 15 eggs \$2.00, 26 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sire of male birds of above Pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helmbold, Slater, Iowa.

### White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scored birds. Mrs. Jessie Tende, Route 4, Lamoni, Iowa.

### BARRED PLYMOUTH ROCK EGGS.

FOR SALE—\$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 90½ point cockerel. Address, J. M. JANSSEN, P. O. Box 627, R. R. 3, - Sibley, Iowa

### MAMMOTH BRONZE

White Holland turkeys, Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

### BARRED P. ROCK GIANT RINGLETS.

Bred from stock scoring 91 to 93½. \$2 for 15; \$7 for 100. We guarantee 10 chicks to each sitting. Also W. H. turkeys and Toulouse geese eggs at \$2 for 10. Won 15 1st prizes at three shows last season. W. M. SHAW & CO., MONROE, IOWA

### GREAT SQUARE DEAL STRAIN

WHITE Wyandottes, large, blocky birds, greatest of all winter as well as summer layers. Send for our free illustrated folder before you buy any eggs for hatching. North West Poultry Yards, Preston, Iowa.

### High Island Poultry Yards.

S. C. B. LEGHORNS and Buff Rocks. 100 eggs, \$3.50 and \$4.00; 15, \$1.00; 30, \$1.50. Young chicks, 10 cts. each. Fifteen years experience, fine stock. Mrs. J. G. Butt, Star Route, Glencoe, Minn.

### BARRED PLYMOUTH ROCK and SINGLE COMB BROWN LEGHORN

EGGS for hatching. Every bird in our breeding pen \$1.50 from 90 to 95½. Eggs for balance of season \$1.50. H. A. Trimble, Indianola, Iowa.

### B. P. ROCKS.

S. L. Wyandottes, S. C. B. Leghorns. Eggs of high score. J. D. Lambert strain; also S. L. Wyandottes and S. C. B. Leghorns at a bargain. Mrs. R. DeJaeger, Route 6, Waterloo, Ia.

### ROSELAWN FARM.

WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2 Route 1a.



# BUY DOUBLE EAGLE NOW

## Just Think Of It ! ! ! !



15 CENTS Per Share

## IMPORTANT !

Do not invest with a Mining Company That Cannot Show Smelter Returns.

### Smelter Returns on Double Eagle Ore Show \$70 Per Ton

### Our Guarantee This is Important.

This Company will re-purchase from any stockholder any stock purchased by him (from the Fiscal Agent of this company) in the Double Eagle Gold Mining Co. after one year from date of purchase of said stock, and will pay said purchaser 10 per cent over and above the price paid by said purchaser for said stock.

This protects your investment. This guarantee is backed by over \$200,000 assets.

## Write for High Art Prospectus Today

Smelter returns are the only absolutely reliable and unquestionable proof of a mine's productiveness, reliability and stability. A mining company that cannot show smelter returns is still a prospect. You can purchase stock in a fully developed and equipped mining property at the low rate of 15c per share. Assays from \$44.20 to \$8,261 per ton and over \$5,000,000 worth of ore blocked out and lying on the ore dumps. The Famous Camp Bird, Liberty Bell, Tom Boy and Smuggler Union Mines are in the same district as The Double Eagle Mines. All have paid millions of dollars per year to their stockholders and none have stock for sale. The Double Eagle is as good, if not better, than any of the aforementioned properties.

San Miguel County, in which The Double Eagle is situated, produced over \$4,000,000 in precious metals in 1906.

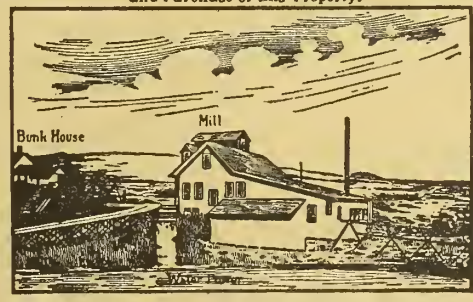
# GOLD! - SILVER! - IN GREAT ABUNDANCE

## The Famous Double Eagle Gold Mining Co.

THERE ARE A FEW GOOD MINING ENTERPRISES This is one. We invite your investigation.

Read this advertisement very carefully. IT MAY MEAN FORTUNE TO YOU.

Over \$200,000 Already Expended in Equipment, Development and Purchase of this Property.



This Company owns its property outright. Not a prospect, but a thoroughly developed and equipped mine.

This developed mining property is located in the heart of Colorado's richest district.

### ANNOUNCEMENT EXTRAORDINARY.

The Double Eagle Gold Mining Company, incorporated under the laws of Colorado for \$3,000,000 divided into 3,000,000 absolutely non-assessable shares.

### PROPERTY.

The property of the Company is located in Bridal Veil Basin, near the city of Telluride, and right in the very heart of the rich gold and silver bearing district of San Miguel County, Colorado.

It consists of twelve very rich claims and three mill-sites, and comprises about 130 acres. The Company owns this property in fee simple, and there is no incumbrance or indebtedness on same.

Immediately surrounding this company's property are the famous Smuggler Union, Liberty Bell, Tomboy, Nellie and Camp Bird mines.

These companies earned upwards of \$4,500,000 last year. The Double Eagle property is more advantageously situated, and its ore assays far greater values than any of the foregoing companies.

### PRESENT EQUIPMENT.

The company has erected on its property one fully equipped mill with a capacity of ten tons daily, a blacksmith shop, a machine shop, power house and dynamo room, a bunk house, assay office and laboratory and other minor buildings, all fully equipped. The machinery and buildings are all in splendid condition, and as good as when installed.

### WATER POWER.

Within 150 feet of the mill runs Bridal Veil Creek, and this stream has been utilized by this Company to provide about 80 horse power. A turbine has been installed which gives us sufficient power for all present needs. One hundred horse power more can be generated on our water rights. We have no expensive fuel costs.

### DEVELOPMENT.

The various claims of the Double Eagle Group have been opened up in eight different locations, and to date work has been done, as a result of which there is now upward of 3,000 feet of tunneling, drifts, cross-cuts, winzes and upraises. These cuttings, cross-cuts and drift upon eight true fissure veins from four and a half to twelve feet wide.

### VALUE OF ORE DEPOSITS.

Assays and smelter tests show that the average value of the Double Eagle ores are upwards of \$60.00 per ton. Assays show from \$44.00 to \$8,261.00 gold and silver values per ton. The Company has now over 150,000 tons of this high-grade ore blocked out, and also about 140,000 tons of low-grade ore, averaging about \$10.00 per ton, lying on the dumps, only waiting increased facilities to be turned into cash.

### THE COMPANY'S OFFER.

This Company now offers to the public its treasury stock at fifteen cents (15) per share. This is an unparalleled offer. Seldom, if ever, is the opportunity presented of purchasing stocks in a property of this character at this low price. The price of this stock will advance to twenty-five cents in a very short time.

### THE COMPANY'S PURPOSE

Is to increase the mill capacity to 200 tons a day; to install a 200-ton cyanide plant, to install aerial tramways; to equip the shafts with electric hoists; to increase the water power; to continue underground development, and to purchase other very rich claims on which the company now has option. It is to accomplish the foregoing that the Company is placing on the market 1,000,000 shares of its treasury stock.

### ESTIMATED EARNINGS.

This company confidently expects to pay dividends of at least 30 per cent annually. This means that at fifteen cents per share your investment will earn you 200 per cent, and each share you now pay fifteen cents for will then be worth \$2.00, i. e., \$37.50 will buy 250 shares. Thirty per cent dividends on 250 shares will net you \$75.00 per year; in addition to your stock will probably be worth \$500 on the market. Just think what \$1,000 will do, if invested in this stock.

### THE COMPANY'S OFFICERS:

Pres., J. H. HARRINGTON, of the Harrington-McCormick Commission Co., Kansas City, Mo.  
Vice-Pres., WM. PEET, President of Peet Bros. Soap Co., Kansas City, Mo.  
Sec'y. and Treas., C. C. COURTNEY, State Agent of the Mutual Benefit Life Insurance Co., Kansas City, Mo.

### DIRECTORS.

HARRY HALDEMAN, of the Sonora Chief Mining Company, Kansas City, Mo.  
J. T. GOODELL, Cudahy Packing Company, Kansas City, Mo.  
E. E. TOMLINSON, Traffic Manager, Swift & Co., Chicago, Ill.  
Z. F. CRIDER, Crider Bros. Com. Co., Kansas City, Mo.  
J. H. KETNER, Prop. Hotel Washington, Kansas City, Mo.  
J. LINDERMAN, Farmer and Real Estate, Kansas City, Mo.

### REFERENCES.

The foregoing gentlemen earnestly urge you to inquire of ANY BANK IN KANSAS CITY, MO., or any MERCANTILE AGENCY, as to their character and high standing. They are men of the very highest integrity and are trusted and respected business men of Kansas City.

F. C. VINCENT, Fiscal Agt., Suite 400-441 Gibraltar Bld., KANSAS CITY, MO

## THIS STOCK WILL ADVANCE TO 25 CENTS PER SHARE SHORTLY.

The Double Eagle Co. has already spent over \$200,000 in Development and Equipment of its 12 rich Claims.

If you PURCHASE DOUBLE EAGLE NOW you permanently increase your income. Bear in mind that this is a developed industry and not in any respect a prospect. It costs you nothing to inquire. Cut out the coupon, mail today.

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\$ 15 Buys	100 Shares	\$ 3.00 down	\$ 3.00 per month.		
30 "	200 "	6.00 "	6.00 "	"	"
45 "	300 "	9.00 "	9.00 "	"	"
75 "	500 "	15.00 "	15.00 "	"	"
105 "	700 "	21.00 "	21.00 "	"	"
315 "	2100 "	63.00 "	63.00 "	"	"
525 "	3500 "	105.00 "	105.00 "	"	"
1050 "	7000 "	210.00 "	210.00 "	"	"

WE CAN POSITIVELY CONVINCE THE MOST SKEPTICAL THAT THE DOUBLE EAGLE'S PROPOSITION IS ABSOLUTELY SQUARE, HONEST AND ABOVE BOARD. WE MOST EARNESTLY URGE YOUR CAREFUL INVESTIGATION.

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ADDRESS F. C. VINCENT, FISCAL AGENT, Double Eagle Mining Co. 400-441 Gibraltar Bldg., Kansas City, Mo.

Please send me all information and High Art Prospectus of the Double Eagle Mining Co.

NAME .....

ADDRESS .....

NOTE: Be sure to state how many shares you wish reserved in your letter.

WRITE TODAY.



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

Easter is now a thing, rather a time, of the past, but it is only after Easter that certain remarks have timeliness.

More and more it would seem as if Easter were a double festival, or, to put it another way, a festival with a double significance.

To members of the Protestant Episcopal, the Roman Catholic and a few other churches Easter is the great religious festival of the year. The forty days of Lent, observed with more or less strictness, culminate in the services of Passion Week with its Easter climax greeted with the triumphant song, "Christ is risen—Alleluia!"

There is a mass of Christians to whom Easter Sunday is a time when in a church beautifully decked with palms and lilies they listen to a short sermon on the resurrection sandwiched in between anthems and solos specially prepared for the occasion. There is something a little peculiar in the attitude of some of these towards Easter. In a certain church a farcical little play, "The Union Depot," was given on Good Friday evening by the same persons who devoutly took part in the service at a sunrise prayer meeting on Easter morning. I confess to some curiosity regarding the mental processes of those who hilariously ignore the day which commemorates the crucifixion of Jesus and then devoutly celebrate that which commemorates his resurrection on the third day.

The church which, objecting to the observance of times and seasons, declines to observe Easter is at least logical, but what of those who make of Easter a great festival, but ignore Good Friday entirely? If Easter has any special significance to the Christian surely that special significance arises from the events of Good Friday.

The words "to the Christian" were used with deliberate intent. Many people who observe Easter do so without the least thought of its religious significance. To these, they are a vast multitude, it is a time for new clothes. This class is composed mostly of women; men do not indulge in Easter finery to any great extent, but for weeks before the festival women "shop" for gloves and laces and gowns and hats.

This custom of dressing for the Easter parade has become so general that the season has acquired commercial importance; merchants make the choicest offerings of the year for the Easter trade. This year the display of pretty things was so extraordinarily fine it filled the hearts of dress-loving women with delight or despair, according to the state of their pocketbooks.

Newspapers refer to the fact that high-priced goods were in great demand this Easter. They argue from this that the country is in a highly prosperous condition. It surely must be that some people have plenty of money when hats which sold best ranged in price from \$15 to \$85, when the demand for long silk gloves at from \$1.50 to \$2.50 was greater

than the supply, and when where merchants once sold an occasional suit at \$50, they sold dozens ranging from \$40 to \$150.

A few months ago Secretary Shaw, speaking in connection with the increased volume of trade in automobiles, alluded to the peril of America's rapidly increasing prosperity. A certain percentage of Americans, possibly an increasing percentage, purchase automobiles and costly clothing, but it is very doubtful if the mass of the people is in any danger of suffering from over prosperity.

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

For this is my kingdom: My peace with my neighbor.

The clasp of a hand or the warmth of a smile,  
The sweetness of toil as the fruit of my labor—

The glad joy of living and working the while;

The birds and the flowers and the blue skies above me,

The green of the meadows, the gold of the grain;

A song in the evening, a dear heart to love me—

And just enough pleasure to balance the pain.

Tomorrow you have no business with. You steal if you touch tomorrow. It is God's. Every day has in it enough to keep any man occupied without concerning himself with the things beyond.—Henry Ward Beecher.

Today is ours; what do we fear?  
Today is ours; we have it here:  
Let's treat it kindly, that it may  
Wish, at least, with us to stay;  
Let's banish business, banish sorrow;  
To the gods belong tomorrow.  
—Abraham Cowley.

## THOUGHTS FOR PARENTS.

On the whole, in the ideal home children will be taught that they are partners in the firm; to be happy themselves and make things easy for the older ones. Parents will study the natural inclinations of the young folks, and pave the way to the consummation of their ambitions; they will blockade the way to wrong doing, and by precept and example open wide the gate to right living, so that while "the corn and oil" increases, the more enduring qualities of the home also will be preserved.

One of the greatest needs of the young people in the country is diversion; and because they do not get it is the real reason why many a young man and woman leaves the farm for the town.

## SMILES.

"Doctor, I want to thank you for your valuable medicine."

"It helped you, did it?" asked the doctor, very much pleased.

"It helped me wonderfully."

"How many bottles did you find it necessary to take?"

"Oh, I didn't take any of it. My uncle took one bottle, and I am his sole heir."

When Mrs. Lynch, the mother of an incorrigible pupil, called at a Long Island city school the other day, she apologized to the teacher for a pair of black eyes that her husband had given her. The teacher sought words to comfort the poor woman.

"It's too bad you have so many troubles," she said. "But it could be much worse."

"True for you, ma'am," said Mrs. Lynch. "It could be very much worse. Shure I might be after havin' no husband at all, like yourself, ma'am."

## HOW TO BREATHE PROPERLY.

The exercises available to produce better respiration are very numerous and varied, but the underlying principle is simply to bring into more vigorous play the muscles which expand the chest and at the same time excite deep and full breathing, to bring the vital force of the lung to its maximum. The commencement of such exercises is sometimes annoying to those of sensitive lungs, and in such cases they should be commenced with moderation, and increased gradually each time in number of inspirations. Several times a day the inflation of the chest by a series of gentle, deep, prolonged inspirations and forced expirations, when the practice does not provoke coughing, is very important. Whether walking on a level or climbing, the patient should breathe deeply and slowly. In ordinary breathing, the chief movement should be at the waist. The chest should expand at the belt and sides. The expansion of the upper part of the chest is necessary only in very full breathing.

To take a deep, full breath, expand first the chest, breathing in until the entire waist swells out, the sides expand, and the anterior wall expands; then breathe in a little more until the whole abdomen expands; now try to inhale still a little more by lifting up the chest and drawing in slightly the lower part of the abdominal wall. This gives a full and complete respiration. Paroxysms of coughing produced by full breathing and by distention of unused lung-tissue should not be regarded as a contra-indication.

Deep, full breathing exercises the muscles around the waist, strengthens them and gives one an added power of endurance. Breathing is really a kind of internal gymnastic exercise for the vital organs. The contents of the abdomen are moved and their energy increased; therefore, if one breathes only clavicularly, or upper-chest breathing, he does not exercise what is below the lungs, and it is now universally conceded that to enjoy perfect health the breathing must expand the entire trunk.

## VALUABLE HOUSEHOLD HINTS.

When peeling onions, begin at the root



## Simpson-Eddystone Black & Whites

Dress-making requires a great deal of time and work; and flimsy material will not do.

Simpson-Eddystone Prints are substantial in quality with patterns of exceeding beauty that do not fade.

Some designs have a new silk finish.

Ask your dealer for Simpson-Eddystone Black-and-Whites

Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.



## Cancer Cured at Home

I have so perfected my Mild Combination Treatment that patients may use it at their home with as good results as though it were applied at my offices. I will gladly furnish to every sufferer positive and indisputable proofs that my treatment does cure Cancer. I will furnish ample evidence of my integrity, honesty and financial and professional ability. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—write for my book, "Cancer and Its Cure." It will cost you nothing and will tell you how you can be cured at home. Address,

**DR. O. A. JOHNSON, SUITE 371, 1233 GRAND AVE., KANSAS CITY, MO.**

Have you a friend suffering from Cancer? Do them a favor they'll never forget by sending them this ad



## SMOKE YOUR MEATS IN THE NEW WAY. USING WRIGHT'S CONDENSED SMOKE

A liquid made from hickory wood. Imparts the delicate flavor that is peculiar to meats smoked with hickory wood. USED BY APPLYING THE CONDENSED SMOKE WITH A BRUSH. Send 10c and names of five who cure meat and we will mail you sample free. Sold only in square quart bottles with metal cap. Never in bulk. At druggists, 75c per bottle. Bottle smokes a barrel on curing meats. BE SURE TO GET "Wright's Condensed Smoke." Made by

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end and peel upward and the onion will scarcely affect the eyes at all.

Kerosene is splendid in cleaning silver. Dampen a cloth in the oil, dip in whiting and polish. The silver must then be thoroughly washed in soapsuds and polished with a flannel cloth.

Reduce the temperature of the oven when the cake begins rising in a heap in the middle. The oven is too hot, and the cake will be coarse grained if allowed to bake in this manner.

Save the strings which come around packages and keep them where they can easily be found when wanted.

In ironing handkerchiefs it is useful to remember that the middle should be ironed first; to iron the edge first causes the middle to swell out like a balloon, and makes it difficult to iron satisfactorily. Test the iron carefully before using it; a piece of rag should be at hand for this purpose.

Salmon Loaf—Take a can of salmon, drain off the juice and break fine with a fork, rejecting the skin and bones. Add the yolks of two or more eggs, beaten light, a cupful of fine bread crumbs, three tablespoonfuls of melted butter and a little finely-chopped parsley; lastly, add the whites of the eggs, beaten stiff. Put in a buttered pan and bake half an hour, basting occasionally with half a cupful of hot water, to which has been added a spoonful of butter, a little salt and pepper, and a few drops of lemon juice. Remove to a hot platter, garnish with parsley, and pour over it the following sauce: One cupful of rich milk added to the juice of the salmon, one tablespoonful each of butter and flour; cook until thickened. Fresh fish may be used instead of salmon, if preferred, and minced onion will please some palates better than parsley for flavoring.

Broiled Calves' Liver With Bacon—Have the liver sliced at the market, wash it well in salt water, then drain it dry. Brush it over on each side with melted butter. Lay it on the broiler and broil till done, first on one side, then on the other. Place on a hot platter and season with salt and pepper and butter. Broil the bacon one minute and place it around the liver; this is far better than frying.

## AMONG OURSELVES.

Just now every one—every housewife I mean—is either housecleaning, preparing to houseclean, or resting after housecleaning, but after a little all the houses will be spick and span and then the housewives will have a little leisure. No, I am not forgetting that after a little there will be garden and chickens, but I am remembering that under normal conditions the housemother owes it to herself, as well as her family, to so order things as that she can command a little time for rest and recreation. For this reason I ask an attentive hearing for "An Iowa Sister" who comes to talk about the club to which she belongs:

Four years ago we organized a ladies' club to be composed of twenty-five members, some of which reside in town and some in the country. Nearly all are married ladies, busy wives and mothers. The object of the club was the mutual improvement of its members. We have regular officers, an executive committee which prepares a year book containing a program for the year's work, time and place of meeting and names of all the members. One year we studied art and architecture of the different countries. Two years American history and literature, and some time was given to music and spelling. This year our study is a year of travel through seven countries of Europe. A novel feature of our club is the response to roll call. It is so varied, giving us a range of

subjects from topics of the times, current events, new inventions, select quotations, stories, favorite recipes, toasts and original poems, etc. A fine is required of members failing to respond according to program. Our guests' nights are hailed with delight by our husbands and other friends whom we may invite. They often occur at some special time, as our last on Valentine's evening. They are held at the home of one of our members. The decorating committee had made the parlors gay with bright draperies made of red and white paper hearts hung in the doorways and windows, pretty white paper doves swung in the midst and an occasional heart pierced by Cupid's arrow. A tray of paper hearts tied with white and yellow baby ribbon was passed, the gentlemen taking the yellow and the ladies the white. Small tables were placed and lively games of dominoes were played until the serving ladies, looking quite attractive in their white and red heart-shaped aprons, came with dainty drawn-linen covers for the tables. Again hearts cut asunder were passed, and partners for refreshments were found by securing the half heart which completed the verse each had. Everyone enjoyed the ice cream, angel food cake and coffee. The climax of the fun was not reached until the men were all in one parlor and bidden write a description of their wife's wedding dress, containing at least twenty words, and draw a picture of her as she appeared in it on their wedding day, those who were not married to write about the way they wished their future bride to look. Papers were collected, read, duly examined and everybody laughed. Then the ladies voted by ballot and two unmarried men won the prize—a pair of white socks. Then followed more laughing. Thus the hours were pleasantly passed and we bade good night to our host and hostess, the guests voicing the sentiment, long live the Ladies' Club.

There should be some such club in every rural neighborhood, and it is "up to" the enterprising women of the district to see that there is. By the way, the federation of the women's clubs of Kansas is to meet in Kansas City this year, the first week in May. I want to meet every woman Among Ourselves who comes to the convention. That I may not be disappointed will those who intend coming please be so good as to write me? We might perhaps have a little convention of our own in my den over the tea cups some afternoon. I should like it much. As an inducement I promise to have the Only Man on hand. Since I have had requests that the department be favored with the Only Man's photograph I expect the many who enjoyed "With the Editor" on the beauty of the heavens at night, a few weeks ago, will be interested in knowing that my other half wrote it—to help me out when I was behind with my work.

Olive comes to speak on the subject introduced by Mrs. Custer County:

I appeared in the Home Department eight years ago and received such a hearty welcome that I thought I would come often, but alas! However, I have scarcely missed reading a single number and have been much interested in the discussions and much helped by the timely suggestions, for which please accept my sincere thanks. What spurs me to the point of activity now is Mrs. Custer County's request for advice. But I must begin by telling her just what she says not to. Take your family to church and Sunday school. Don't try to send them, for it won't work. I believe if she manages things right she can go to church with them. She says

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AND  
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If so, write for our fine new catalogue giving complete information about the special opportunities offered for obtaining an education in almost any subject and learning some of the best trades. Address: O. H. LONGWELL, Pres. Highland Park College, Des Moines, Ia.



she can't go herself, after doing all the work for a big family with lots of comers and goers. It doesn't seem to me that it is necessary for her to do all the work. What are children for, but to help? Don't neglect your children's training for "comers and goers." Devote yourself to the children while they are with you. It won't be long and when they are gone you will have time to entertain the comers and goers. I don't believe anyone has the right to work himself so hard that he is unable to go to the house of God once a week, anyway. I am speaking from experience, for we have four children, all boys, whose ages range from six to fifteen years. It would be an impossibility for me to do all the work alone, for I am not strong. The older boys turn the washtub machine and wringer and churn for me. The eleven-year-old washes dishes, cleans lamps, dusts, etc. Even the little one saves me many steps. In return I help them with their school work evenings. Thus we get on and no one is hurt and we all attend church and Sunday school and I find time and strength to do considerable church work.

Olive would like us to discuss the matter of Sunday entertaining for Christian people. This is a question on which considerable might be said on both sides. If the circle takes it up heartily we should hear some good things. I trust we may.

The thing I hoped for is coming to pass. Friends Among Ourselves are being impelled to write frankly, but kindly about certain duties and problems of parents. We shall hear Sister Eva Lehman, who is the eldest in a family of seven children and has brought up six:

As I sat down tonight after a day of strenuous work in the snow and storm, I

Most makers of lamp-chimneys don't mark their wares—possibly they are ashamed to.

If I didn't make as good chimneys as I do, I wouldn't mark mine either.

I mark mine "MACBETH"—my own name—because I am proud to be known by them.

My Index—it's free—tells other reasons why my lamp-chimneys are marked and why I am proud to put my name on them. May I send it to you?

Address, MACBETH, Pittsburgh.

#### An Active Retired Farmer.

Who wants to keep his mind occupied is offered a nice position in his county. The pioneers of this country knew the value of Ginseng Roots as a tonic for stomach, liver and kidneys. To middle-aged men and women Ginseng Tonic gives new life and energy. There is demand for it everywhere. Write us at once for a county manager's position. Ginseng Tonic Co., 4552 Forestville Ave., Chicago, Ill.




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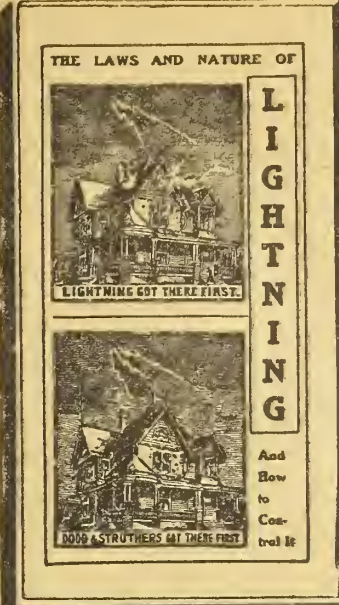
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turned to the Home Department and one of the first things that caught my eye was "What do daughters owe their mothers?" While once in a while in the past I have ventured into your columns the work of making a living for others has kept hand and heart busy and we often neglect to do what we need to think. But as I have read the daily papers the last few weeks my heart has cried out in horror for the terrible carelessness of mothers who will bring into this world lovely boys and girls and let them have their own way until they are past doing anything with, and then cry out in their great grief and sorrow. "What shall I do for my girls?" As the twig is bent the tree is inclined. Every mother should know where her girl is, what she is doing, what her company is and what places she is in the habit of going to, until she is old enough to know right from wrong. No young man will try more than once to hug a girl who has been taught to stand upon her dignity where young men are inclined to do things that they know are not what they would want their sisters to do. When I was a girl nothing made me so disgusted as to see the boys hugging the girls or kissing them good night, as a sleigh load would stop to leave some girl at her home. I had a cousin and a young uncle about my own age. One was a handsome fellow. The other was not so handsome, but both were very popular with the girls; so one day after a little more of the disgusting habit than usual I said, "Boys, what makes all of you boys so foolish? If I was one of those girls I would slap (that was the way I put it) boys that did such things, so they would never want to get anywhere near me again." This is the reply that I received, "What makes the girls let us?" I could not help saying then, what does make the girls lower their womanhood and let those who are not fathers and brothers make fun of them for it? A few weeks ago I was where I had to stay in a boarding house in a strange place. As I came into the hall I did not know which way to go and a gentleman pointing to my right, said, "There is the parlor and I think you will find the lady of the house in there." I stepped to the door to ask, but instead of the mistress of the house there sat a girl not over fifteen or sixteen years of age. A young man some older was stretched out upon a window seat with his head in her lap; she was playing with his hair. Another young man sat with his face where his back was supposed to be on a chair, getting as close as he could, as there was evidently not room on her lap for both heads. My first thought was, "My dear child, where is your mother?" Oh, mothers, we are not careful enough of our girls! Don't scold your girls, but go with them; know what they are doing. A few nights ago there was an entertainment in a little town. A load of young people from a neighboring town, every one of them minors, went over. They were about evenly divided boys and girls, and a driver. The driver persuaded a saloon keeper to mix the drinks for the boys. As a result driver and boys were all drunk. The team ran away and the wagon broke. Two of the girls had a brother living in the town, so went back there to stay all night. The rest of them had to walk home with some of the half-drunken fellows, some five miles. Some of the young men got lost and wandered around until daylight and found themselves miles from home. Does the fun one gets out of such a thing pay? These are but a sample of the things that mothers will let innocent young girls do, and then wonder why they must reap such terrible results. Let us as mothers teach our daughters to respect themselves; let us give them their good times at home where we can know what they are doing. It is natural for both to like the company of each other, and it should be so, but let it be in a jolly school fashion, not as beaux or lovers until they are old enough to know what that means. When mothers have done all that they can for either boys or girls and they have reached manhood and womanhood well trained, the love should be so great that the every thought of hurting that mother should be a restraint upon their actions and a guide to their actions.

It is our loss that circumstances have prevented our hearing from this friend oftener. Let us hope she may be able to come to us more frequently in the future than in the past.

The propriety of dancing has not appealed to the circle as was expected. I wonder if we are becoming less strict in regard to amusements—what do you think? From the few who wish to express themselves I have chosen Dakota Bachelor as spokesman this week:

I have been thinking perhaps a South Dakota bachelor's sentiments on dancing might be of interest. I presume some of the "sisters" will condemn dancing to their fullest capacity, but I hope someone will agree with me on the subject. Way down in Nebraska where I was raised, dancing was almost a thing of the past. There was a Dutch settlement several miles distant where they held a dance every once in a while sometimes twice. I remember slipping away from home on two different occasions and attending the Dutch dances. I had, what I thought, the biggest time of my life. I worked around by the month for a number of years, the last place I held down for four years. The folks I worked for, as well as the neighbors, did not believe in dancing, but the women organized a club and would assemble every two weeks to gossip and plan some big pow-wow. Last spring I wandered off up here to South Dakota and cabbaged onto a portion of mother earth. Up here there is lots of amusement in the line of dancing and kissing-bees. As I never was very forward and do not know anything about osculation, I have never attempted any of the latter. As a matter of fact, I do not believe in them. I have attended several dances, but did not try to shake the fundamental principles. I am afraid I would be worse than Abe Lincoln, who was a great, long, awkward fellow like myself. He attended a country dance where he met his future wife, whose name was Mary. After being at the dance a short time Honest Abe



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spied Mary, and mustering up some of his reserve courage he approached her, saying he was pleased with her and would like to dance with her the very worst way. She consented, and they danced. When she returned to her companions one of them asked, "Did you, Mary?" "Yes," she replied, "we certainly danced the very worst way." As I am one of those fellows who mixes his own hash I can look back and see all of my mistakes. Had I been raised where dancing was fashionable and attended a dance occasionally, I perhaps would not be eating out of dishes that have not seen a dishpan for ages, nor wearing socks strong enough to stand alone.

A Dakota Bachelor is inclined to lay his wifeless condition to the fact that he cannot dance, but from his language, might one not infer that there are other reasons?

Next week we will have a reply to the question, "Should a girl give her mother her confidence with regard to her correspondents and her men friends?"

#### Dressmaking and Millinery, No. 564.

Sylvia Silverthorne, Muscatine, Iowa.  
[All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] The costume shown in the accompanying design is made up of two numbers, as you

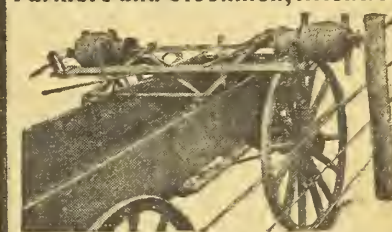


[5631 Pony Jacket. 5611 Seven Gored Pleated Skirt.]

will notice, and each of these numbers is a separate pattern. Do not order them without understanding this.

The pony jacket as a costume garment,

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as well as a separate one to be worn with a suit entirely different, is in exceedingly high favor and there are more of these seen than were a season ago when they came in as a novelty. The one illustrated in No. 5631 has many of the features of the Eton, being only slightly longer. Some minor points aid one in the choice of the special form of jacket. One of these is in the matter of becomingness to the individual who wishes to use the model. Another that must frequently influence the decision is as to its newness to the intending wearer. Those who have on hand or have recently had an Eton will choose the pony coat as a matter of variation. Or for similar reason the choice may be for the Eton. The lines of No. 5631 are especially becoming in the way of giving a slender effect, the seams extending from the



shoulder seams to the bottom at both back and front. The jacket consists of fronts and side-fronts, back and side-backs. There is also a vest effect in velvet overlaid with



[5613 Blouse or Shirt Waist, 32 to 44 bust.]

fancy applique. Wide braid and soutache that is in a fauzy pattern, bought ready to apply, is the trimming. This trimming is arranged over the seams and at the front edges, as well as on collar and cuffs. The

sleeves are in elbow length, this mode prevailing almost exclusively in the short models of whatever design. Pattern No. 5631 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure. Give bust measure when ordering pattern.

No. 5611 shows a seven-gored pleated skirt that is simple and very stylish, having the pleats so arranged that they give the panel effect. This feature is of especial advantage when a trimmed skirt is desired. The application of the braid in the manner illustrated affords one suggestion, and may be carried out in braid, ribbon, velvet or in bias hands, or a design in applique may be used, or a braided design may extend from the bottom of the skirt to any desired height. Pattern No. 5611 is cut in sizes for a 22, 24, 26, 28, 30 and 32 inch waist measure. In ordering the pattern say which of these sizes is wanted.

Shirt waist No. 5613 is made on very simple lines and is a very popular model, and a study of it will help you to note its opportunity for various developments. I have mentioned the great favor of the use of frills on pleats, cuffs and collars. These may be applied on the edges of the front pleat only, or turning outward on the edges of all the pleats the entire length of the waist. Embroidered edging may be used instead of the frills and in the same manner, but the frills are newer. Another fancy for such waists is to have the collar and cuffs of white and the other portions in a color, or in striped or plaid material. Linen in self color will have collar and cuffs in white. You will note that the waist may be finished with high neck to be worn with separate collar, shallow turnover collar or the flat turnover as in the large design. Hand embroidery done on such collars and cuffs is a very stylish finish. Pattern No. 5613 is cut in sizes for a 32, 34, 36, 38, 40, 42 and 44 inch bust measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair. —Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson II. Genesis XXXII, 9-12, 22-30 April 14, 1907.

#### God Gives Jacob a New Name.

There was a clash of feeling in the heart of Jacob as he approached Canaan after his exile in Padan-aram. There was joy! Before him lay the land "promised" to him—a land flowing with milk and honey. And he was making his entrance in good form. He returned not as he went out, with merely a staff in his hand. He came as a mighty sheik, who could look complacently at his vast flocks and herds, and the caravan of his followers, with all the impedimenta of a great camp. Nor were his thoughts wholly upon temporalities. He had learned many religious lessons in his banishment. He came with the intention of discharging well the priestly function inhering in his headship of the nation. He had some conception, however incomplete, of One who was to be born of his line, a Prince and a Saviour. He had the Messianic hope. . . . But all the brightness of Jacob's joy was darkened by one cloud of angry portent. He must needs meet the consequences of the sins of forty years ago—his unbrotherly action; his ambition, greed, and fraud; his overhaste and use of foul means to accomplish what he had reason to believe was the Lord's will—all these assumed a spectral form to haunt him. His wronged brother was approaching in hostile mien and force. Esau was accustomed to nothing else but striking the blow of death. . . . To Jacob it seemed as if all was lost. What did it amount to—the sight of the Promised Land—if he must needs stain its border with his life's blood? And all the Messianic hopes and promises would perish in him. There is a touch of the domestic and affectionate spirit in the patriarch in his prayer. He fairly screens his eyes from sight of the impending slaughter of the innocents. He can not brook the thought of another

tragedy of a Niobe and her children.

In the extremity of his peril, the ruling passion, the strategic spirit of Jacob asserted itself. But the advance in character is manifest in that it took no ignoble form. There was nothing unworthy in the division of the caravan into two bands. The advantage of it was, that if one was taken, the other might be left. And the presents sent in a series would be cumulative in their effect to soften the anger of his injured brother. . . . Having done all that human tact could suggest, Jacob had recourse to prayer. Some one once asked a minister whether he believed in healing by faith or medicine. His very apt reply was: "I believe in healing by faith and medicine." Jacob used all the expedients he could think of to placate his brother and save himself and his family, just as if everything depended upon himself. Then he went to prayer, just as if everything depended upon God. . . . The prayer of Jacob is the first recorded prayer, as it is one of the noblest of all the Bible. "O God of my Father Abraham, and God of my father Isaac!" Here is an appeal to the God of the covenant. The entrance of a pathetic claim to the mercies of the covenant. "Which saidst unto me, Return." The present extreme peril is not incurred by any presumption or rashness on Jacob's part; but by his very obedience to the explicit command of God. "I am not worthy." This is deprecation. "Deliver me." This is supplication. "And thou saidst, I will surely do thee good." This is an appeal to, and a pressing of the promises of God. . . . Nature seems at that particular spot to be in strange harmony with the scene that transpired there. The brook Jabbok—the very name signifying "wrestler"—there hurls itself against the flinty barriers in its path, and forces a passage to the quiet pool beyond. So



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the indomitable spirit of the patriarch there stormed the kingdom of heaven, and took it by force. Jacob was in an agony. Death was impending, his hopes ruined, his fortune scattered, his family slaughtered; he was in extremity. God's eye must pity, God's arm must bring deliverance. . . . There is nothing inexplicable in the wrestling scene, commonly thought to be so mysterious. It was a merciful concession when the Lord took upon Himself a human form, and allowed Jacob to vent his excessive grief and anxiety in the way of physical exertion. The corporeal struggle was an accompaniment to prayer. The prophet Hosea says Jacob wept and made supplication to the angel. Back of the wrestling, and in and through it, there was an intelligent mind, a fervent heart, and importunate spirit. Many persons of ardent temperament, or placed in desperate situations, will accompany their prayers with bodily exertion, in violent gesture, or loud tone of voice, or grip upon chair or bench or other article of furniture. . . . Yet Jacob was to be taught that the Lord's strength was made perfect in weakness—that it is not by (human) might nor power, but by God's Spirit; so the very seat and citadel of the physical might, his thigh, was miraculously "touched," and he bent like a broken straw. But even then he threw his arms about the angel's neck and hung upon him. . . . The angel might as well have asked Jacob what his former character had been as to ask his name; for name and character were synonymous. He was Jacob the supplanter, the trickster, the heel-holder, and tripper, gaining his ends by foul means if fair would not answer. The angel in that very question held up the mirror before Jacob, so that he saw plainly the ugly traits of his character. He despised himself. He was sorry for, and wanted to be rid of, his old self. He was ready to cry, who shall deliver me from the body of this death? He got a new name and nature simultaneously. . . . The angel's answer to Jacob's demand was equivalent to saying, "You know my name already; why do you ask for it?" Jacob showed that he knew the name when he called the place Peniel, "Face of God."

#### Analysis and Key.

1. Jacob's mixed feelings on return to Canaan. Contrasts of exit and entrance. Joy and fear.
2. The gains of the exile indicated in Jacob's conduct.
3. Facing the consequences of conduct. Approach of Esau, the avenger. Jacob's stratagem not ignoble as before.
4. Recourse to prayer. First recorded prayer of the Bible. One of the noblest—analysis of it.

#### The Teacher's Lantern.

The lesson of this thrilling scene is the same that Jesus sought to impress by the parables of the "Widow and the Unjust Judge," and the "Borrowing Neighbor." As the widow kept urging her suit, and the neighbor kept knocking, so Jacob kept crying: "I will not let Thee go except Thou bless me." There must be a moral earnestness, which discovers itself to itself and others, before God will bless. As one has said, the arrow which is to pierce the sky must part from the bent bow and strained arm.

Grace is gradual. The full stature is attained by daily accretions of faith, prayer, and service. But there are also

periods in which, by an uncommon concentration of thought and effort, phenomenal progress may be made. That is the meaning of Jacob's experience on the bank of the foaming Jabbok. Jacob had grown much in grace since he saw the ladder of Bethel forty years before. But in that one night of importunate prayer he made a surprising advance. He was knighted, lifted to the only true and imperishable royalty. He became a prince.

A candidate was created a knight by the king, who struck the person kneeling with the flat of a sword upon his back, exclaiming, "Rise, Sir —!" The blow which Jacob received was no light accolade. It crippled him. But as he passed over Peniel, halting on his thigh, the sun shone on a prince, an Israelite indeed, out of whom the guile had been taken.

Orthodox Jews to this day religiously abstain from eating the nerve that fastens the thigh-bone in its socket. That particular muscle is carefully extracted at the Hebrew abattoir. This is a traditional usage, serving to remind the eater of Jacob's wrestling-match. There is no law for it. It sprang from awe of the member in which the patriarch was wounded, and is a collateral evidence of the reality of the circumstance.

He prevailed not against him. The Almighty often fails yet in His wrestling with the stubborn wills of men. There is an ultimate element of self-hood in man that can and does successfully assert itself against God. There is a central citadel of our being which Omnipotence never storms, and, as we are constituted, can not successfully assault. The terms of Jesus' message are yet, "If any man will [is willing, consents, agrees to it] be My disciple, let him deny himself, and take up his cross and follow Me."

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is Mr. J. R. Naylor, living near Chicago. He has invented and spent a great deal of time in perfecting a new harrow which promises to become a great tool in the hands of the farmer who needs a good stirring harrow. The advantage which is claimed for this harrow is that it does the work of two implements. It can be used as a spring-tooth or as a spike-tooth harrow. The effect of both these tools may be secured at one operation. Mr. Naylor thinks that he can do as much work with this harrow in half the time that he can with an ordinary implement. In other words, instead of going over the ground four times, it will be necessary to cover it only twice. All parts of this harrow are made to wear and last well. It is easily adjusted to suit the needs of the surface of the soil. To introduce these harrows, a special price will be quoted to the first man in a locality. You should by all means investigate this offer. Write to the J. R. Naylor Manufacturing Company, 14 Spring Ave., La Grange, Ill. See page 12 for what he says about it.

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April 11, 1907.]

## VETERINARY MATTERS

**PROFESSIONAL** veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

## INDIGESTION.

I have a colt coming three years old that does not thrive very well. It eats pretty good, but it does not seem to do it any good. It does not seem to have much life. I think it is indigestion. What would you do for it?

Feed black strap molasses as advised in another answer and in feed twice daily mix a tablespoonful of a mixture of equal parts finely granulated hypsulphite of soda, powdered wood charcoal, hydrastis canadensis and ground ginger root. Allow plenty of outdoor exercise daily.

## INDIGESTION.

I have a gray horse, eight years old, that is in poor condition. He has a poor appetite, especially when working. Gets tired and lays down quite often when in the barn. When out he will stand and eat dirt. I have given him no treatment as yet. What shall I do for him? (2) What is the best treatment for worms in young horses?

(1) Have the horse's teeth attended to by a veterinary dentist and if the coat is long and rough have him clipped at once. Provided the stable is kept clean and perfectly ventilated this may be all the treatment necessary, but if trouble continues after two weeks, commence mixing in feed twice daily a tablespoonful of a mixture of equal parts powdered wood charcoal, finely powdered hypsulphite of soda, ground gentian and hydrastis canadensis. (2) After

starving horse for eighteen hours, give one to two ounces of turpentine in half to one pint of raw linseed oil according to age and size; then mix in feed night and morning a teaspoonful of dried sulphate of iron and two each of common salt and ground gentian root. Lessen dose of iron and gentian for colts, and continue for all horses one week; then skip ten days and repeat.

## COUGH.

Kindly publish in your paper a remedy for cough among cattle. I have a cow that has a hacking cough for at least five weeks. I am at a loss to know what to do for her. She eats well, but acts doxy.

Have the cow tested with tuberculin, as it is to be feared that she has tuberculosis affecting the lungs and until this has been done you should not use her milk. Otherwise glyco-heroin in half to one ounce dose two or three times daily will usually cure the cough provided food is free from dust and stable kept clean and well ventilated.

## TUMOR.

I have a three-year-old cow which has a lump as large as my fist on the right side of her throat. It is growing fast and is coming up toward her head. She eats well and is in good flesh. Tell me through your columns what to do for it.

Remove hair and rub tumor every other day with iodine ointment. If it softens, open it freely for evacuation of pus; then inject tincture of iodine daily until healed. If this treatment does no good it will be well to have the tumor dissected out by a qualified veterinarian after cow calves. It is most probably due to actinomycosis (lump jaw).

## SICK EWES.

Will you kindly tell me what is the matter with my ewes. They are due to lamb the last of February and March. They seem to be paralyzed in their legs, get down and lay helpless from one to two days after the attack comes on and refuse to eat or drink, and soon death puts them out of their intense misery. Their grain rations have been oats and corn. For roughness they have access to stock field, oat straw stack, and blue grass pasture with running water, and they get salt regularly. I lost several three years ago with the same trouble.

This trouble is very common and fatal where pregnant ewes are fed corn stalks, straw and withered grass in field. Sheep should have mixed clover and timothy hay or alfalfa hay and, if possible, some succulent food, such as roots or well-made silage free from mold or too much acid. Sheep cannot be saved when down paralyzed. It is a trouble to be prevented by plenty of outdoor exercise and attention to the bowels.

## WORMS.

What is the matter with my hogs. I lost nine last fall and killed five more that were sick, then I turned the herd into a twenty-acre corn field with some calves and have not lost any since, until about two weeks ago, and I lost four more the same way. There are some more sick. They cough a good deal, and after they get so they want to eat, they look like they had the thumps. I opened one and examined him and I found some little worms about the size of a pin and two inches long on the lungs. The lungs were black. Is thumps catching? I have fed corn this winter, and last summer I fed oil meal and shorts, corn and soaked barley. I also examined some last fall and found some large white worms in them.

The disease is not thumps, but verminous bronchitis and pneumonia caused by presence of the thread-like worms (strongylus paradoxus) you found in the lungs, and where worms, also, are present in intestinal tract the effects will be doubly injurious. Give the turpentine treatment so often prescribed here and repeat once a week as long as pigs cough. It also will be necessary to clean up, disinfect and white-wash all houses used by hogs and to make sure that drinking water is pure. Commercial worm powders also are good for worms in hogs.

## WEAK STIFLE.

Please tell me what to do for my sorrel horse. He is five years old and is in good flesh. At times his right hind leg gets stiff. When made to back up in the stall right quick, he seems to be locked or stiff in the hock joint. He is not lame. When his leg gets limber can hear it pop. Have him in barn on dirt floor most of time. I have been treating his hock joint with a liniment. Don't seem to do any good. Have only had the horse six weeks. Any information will be gladly received.

You have been treating the wrong joint, as the trouble is located in the stifle joint at flank. The patella (kneecap) slips out of place and you hear it snap back now and then. When cap is off the hock is set as described. Blister the stifle joint with cerate of cantharides and repeat in three or four weeks. Keep horse tied up for a month or more.

## EXCURSION RATE TO PACIFIC COAST:

Daily during March and April, the Minneapolis & St. Louis R. R. will sell one-way ex-

World Famous Coal-Tar  
Animal Dip

Recommended by Veterinary Editors.

Endorsed by Forty-two  
Agricultural Colleges

Used by Many Thousand Stock Growers.

Disinfectant  
Mange CureLice Killer  
Antiseptic

ZENOLEUM

For Cattle, Horses, Hogs, Sheep, and Poultry

We honestly believe Zenoleum is the best general live stock remedy for lice and vermin on all animals and a positive disinfectant and cure for skin troubles and internal parasites in hogs and sheep.

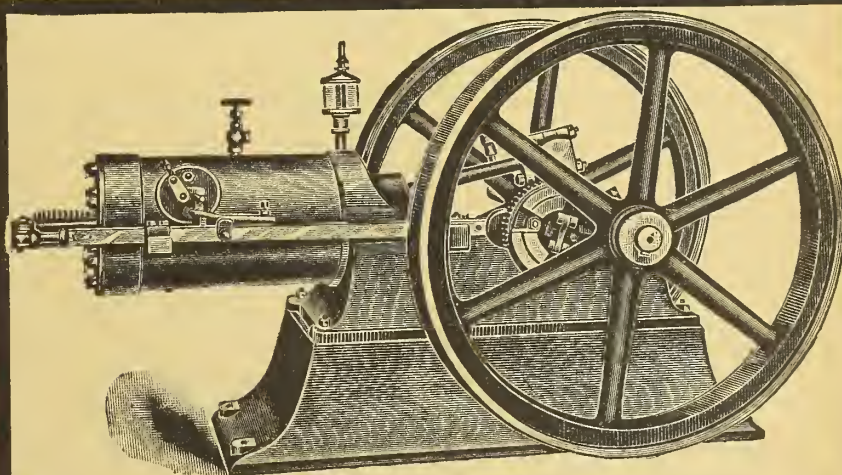
**OUR ABSOLUTE GUARANTEE**—If Zenoleum is not all we say it is, or even what you think it ought to be, you can have your money back. No talk, No letters—just money.

**AT ALL DEALERS**—Small size, 25 cents; Quart, 50 cents; Half gallon, 90 cents; One gallon, \$1.50; Five gallons, \$6.25—or we will deliver one gallon or more, charges paid, to your station. **ASK YOUR DEALER FIRST.**

ZENOLEUM VETERINARY ADVISER

64 pages of interesting matter for farmers and stockmen—written by authorities at Agricultural Colleges—positively free for a postal card. Ask now. We'll send it.

Zenner Disinfectant Co.,

131 Lafayette Avenue,  
Detroit, Michigan

**THE** greatest engine proposition ever offered to the readers of The Homestead. We build a complete line of stationary, pumping and portable engines from 2 to 30 H. P. Also hay stackers and rakes, power and sweep mills, thrashing machines. If your dealer doesn't handle our goods, write us direct.

CASCADEN-VAUGHAN CO., - - WATERLOO, IOWA

## Blacklegoids

Simplest, Safest, Surest Vaccination  
for the prevention of

BLACKLEG IN CATTLE

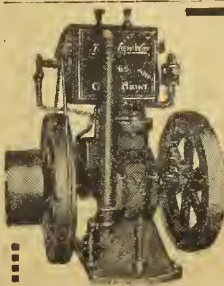
NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

PARKE, DAVIS &amp; COMPANY

HOME OFFICES AND LABORATORIES, DETROIT, MICH.

NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.



"Hired Men are Scarce" **The "New Way"** is the ORIGINAL and only  
**AIR COOLED ENGINE**

that gets rid of the water nuisance.

It cools better than the water way. In or out of doors, in hottest weather, under constant heavy load, it cannot be overheated.

Most reliable and durable engine made.

Save money by writing for proposition F.E.

15 Ash Street **The "New Way" MOTOR COMPANY** 15 Ash Street  
LANSING, MICHIGAN, U. S. A.

## Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

**Fleming's Spavin Cure (Liquid)** is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be imitated. Easy to use, only a little required, and your money back if it ever fails.

## Fleming's Vest-Pocket

Veterinary Adviser

describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

FLEMING BROS., Chemists,  
210 Union Stock Yards, Chicago, Ill.



## Why Lose Calves from Blackleg?

They constitute the future herd.

**VACCINATE NOW WITH THE ORIGINAL**  
**PASTEUR (BLACKLEGONE) (Cord form)**  
**Vaccine Co. (Blacklegoids) (Pellet form)**  
**Vaccine Co. (Blackleg Vaccine) (Powder)**

Produced by the Discoverers: Profs. Arloing,

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Successfully used on over 30,000,000 Head.

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NEW YORK PARIS CHICAGO

Sole Concessionaires Institut Pasteur, Paris, Biological Products

Our Rat Virus is the only Scientific non-poisonous

rodent exterminator.

AN INFLAMED TENDON  
NEEDS COOLING.

## ABSORBINE

Will do it and restore the circulation, assist nature to repair strained, ruptured ligaments more successfully than Firing. No blister, no hair gone, and you can use the horse. \$2.00 per bottle delivered. Book 2-C Free.

**ABSORBINE, JR.**, for mankind, \$1.00 bottle. Cures Strained Torn Ligaments, Varicose Veins, Varicocele, Hydrocele, enlarged Glands and Ulcers. Allays pain quickly  
W. P. Young, P. D. F., 40 Monmouth St., Springfield, Mass



## Beery Bit Controls

any horse, any time, any place, sure. Your dealer should have them. If not write me for my trial offer.

PROF. J. A. BEERY  
PLEASANT HILL, OHIO.

**A. S. ALEXANDER, V. S.**  
MADISON, WIS.,

Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

cursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices

512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.



## DAY BY DAY

Agricola

Contrary to the common belief, adulterated sugar is not, at the present time, an article of commerce. This is the verdict of the Connecticut experiment station.

But in regard to maple sugar and sirup, the reverse is generally true. And the queer thing is that pure cane sugar is now the chief adulteration.

Formerly glucose sirup or brown sugar sirup was flavored with oil of hickory bark or corn cob extract and sold for maple sirup. Now the manufacturers mix cane sugar with maple and sell the whole for maple. As refined maple and refined cane sugar are the same the direct detection of added cane sugar sirup is impossible.

But much can be done indirectly which is impossible directly. Maple sugar contains a nearly constant percentage of ash and malic acid, and cane sugar but a trace of either. The absence of these betrays the lack of maple. Adding basic lead acetate forms a copious precipitate with true maple sirup, but none with refined sugar sirup.

Of thirty-nine samples examined by the Connecticut chemists only three were pure maple sirups. The swindle is in asking an exorbitant price for cane sugar sirup flavored to imitate maple, none of the samples containing over fifty per cent maple, and some of them scarcely an appreciable amount. When Agricola wandered through the sugar camps as a boy there was no adulteration whatever, and the farmers sold their maple sugar and bought cane sugar for family use. Maple was on the table during the spring season. After that none was seen.

Agricola can remember when Chicago had nothing but water communication with the rest of the world. Now, notwithstanding her net work of railroads, she wants water connection with St. Louis. That there is determined opposition to this, claiming that it would lower the lake level, should not stand in the way.

We remember when farmers with loads of wheat would get mired down in Haymarket street in Chicago, and that it was as muddy and disagreeable a place in the rainy season as can be imagined. The first time Agricola was there pavements and sidewalks were unknown, and he rode from the boat landing to the hotel on the back of an Indian pony. The rest of the family were tall enough to wade through the mud.

Land adjoining the town—now a part of the city, was held at \$10 per acre, and that was more than it was worth for farming purposes, as it was too swampy for anything but a duck pond. The streets have since been raised eight

feet and sewers carry off surface water. There is plenty of flat, wet land near by yet. The reclaiming of the wonderful country west of the Mississippi river has all been accomplished since that time, and that has kept us pretty busy.

But a truce to looking backward. The latest news from across the big pond is that the original inventors of the milk separator have just sprung upon the dairy world a separator with a self-balancing bowl. This is a triumph in mechanics. It will right itself while running at 6,000 revolutions a minute, and if a piece of lead be dropped inside it will adjust itself so as to balance and run without a tremor the same as if there were no added weight on one side. This means a great deal for a trembling separator bowl is wasteful of butter fat, and unsafe to run.

Now who will contrive a self-balancing head for statesmen? When our statesmen get to wobbling it is a sight to shock the guardian angels of our country. And it is barely possible that a self-balancing head piece for some of our agricultural writers would be helpful. Few are level headed at all times, not even preachers and weather prophets.

Spring is coming; the weather is getting warmer by fits. Happy are we if we can keep our mental temperature normal during chilly rain storms.

Good friends are the sweetest and grandest blessings vouchsafed to mortal man, but most of us are so constituted that we need a few watchful enemies to keep us from becoming egotistic.

Gravel on muck roads and muck on sandy roads is a golden rule in country road making. The theory is good, and the roads constructed on this theory are fine.

Inventors of milking machines are continually arising to herald to the world that they have successful machines. It is rather a fallacy than a falsehood. Agricola speaks partly from personal experience.

Years ago the philosopher Steele said, that a healthy old fellow that is not a fool, is the happiest creature living. It is at that time of life only that men enjoy their faculties with pleasure and satisfaction. It evidently pays to grow wise with the added years.

One of the meanest swindles perpetrated upon Agricola was when the lumber dealer sold him a lot of so-called cedar fence posts. They were nothing but tamarack, and proved not much more lasting than willow.

## Supplementary Pasture for Steers.

To the Editor of The Homestead:

The following communication has been submitted by one of your subscribers, Mr. E. M. Gibson:

I am feeding two loads of yearling steers and expect to grass feed them, but do not have pasture enough. I thought of sowing

## NO MORE SORE NECKS OR SHOULDERS

By using the "WHIPPLE HUMANE HORSE COLLAR" your horses will pull the largest loads in absolute comfort.

The "WHIPPLE" HUMANE HORSE COLLAR is the breast collar principle applied to the shoulder—it is adjustable, one collar fits any ordinary horse.

This collar is different from any other collar ever made—it brings the strain on that portion of the horse's shoulders best fitted to stand it, and affords comfort and ease for the animal under every condition.

We have testimonials from dozens of farmers showing that they are discarding nearly new old-style collars to replace them with the "WHIPPLE" HUMANE COLLAR.

It can be attached to any ordinary harness.

It is cooler for the horse.

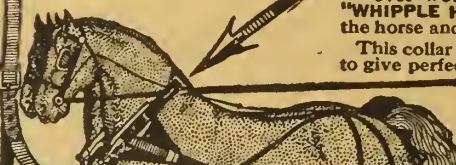
It saves money and trouble for it displaces the old-style collar, hame, short tug, sweat pad and saves veterinary and medicine bills.

Read what Mr. Davis says:—"Tekamah, Neb., July 4, 1906. I own a horse afflicted with a lump on shoulder which became sore whenever worked in a Hame Collar. I purchased a "WHIPPLE HUMANE COLLAR" in which I worked the horse and shoulder healed entirely. S. M. Davis."

This collar can be bought subject to trial, guaranteed to give perfect satisfaction.

Write at once for information.

HUMANE HORSE COLLAR CO.,  
1929 South 13th Street,  
OMAHA, NEB.



## LANDS AND HOMES FOR SALE.

## TAKE A TRIP TO SHREVEPORT

Next Excursion April 16.

YOU can buy good farm lands at \$5 to \$15 per acre. They will rent for \$3 to \$10 per acre yearly. Where can you beat this? Good schools, good churches, good climate and good water. Write today for free literature, booklet and folder telling all about this wonderful country.

E. N. BROWN, President,  
Kansas City Southern Land and Immigration Co.,  
652-654 Beale Bldg., Kansas City, Mo.

**VIRGINIA** Welcomes the Northern Homeseeker. The climate is mild and healthy, the soil is rich and a little money will purchase a fine place with good buildings and every convenience. Write us. We will answer all questions. You'll wonder why you never investigated us before.  
C. M. BERTH'S SONS & DAUGHTERS,  
1459 Main St., Richmond, Va.

**FOR SALE** In Henry County, Mo., fine farm, 200 acres, 2 miles from Brownhollow, Mo., and 80 miles from Kansas City; 160 acres improved; 40 acres timber, new house and barn, some fruit trees. Price, \$4,500 cash, balance on 3 years' time. Write Western Stoneware Co., Monmouth, Ill.

**READ "KURD'S PIPE DREAMS"** Copy. About the best cheap lands in Texas Coast Country and beautiful Alamo Beach. Agents wanted. Fidelity Immigration Co., 1046 Union Ave., Kansas City, Mo.

**TO EXCHANGE:** Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 145, Independence, Iowa.

**Homeseeker, be careful.** Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climates. Let us write you. Miller & James, Mende, Kansas.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chautauqua county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**Missouri Farms For Sale.** PRAIRIES or bottom land. Write for prices and descriptions. Address, John W. Everman, Gallatin, Missouri. Branch office, Chillicothe, Mo.

Dunbar, Grimes, Ia. ....	175
BULLS.	
Bright Lad 261399, one year, W. C. Fleury, So. Omaha. ....	110
Dick 261405, one year, Frank Nelson, Griswold, Ia. ....	110
Duke of Fairview 261407, one year, M. J. Fitzgibbon, Missouri Valley, Ia. ....	235
Fairview Tom 5th, 261411, one year, W. C. Fleury, ....	110
James 2d, 261414, one year, Jos. Green, Laramie, Wyo. ....	105
Laddie 1st, 261418, one year, W. C. Fleury, ....	110
Lord Hewer 3d, 261421, one year, F. S. Dunbar, Grimes, Ia. ....	130
Minteer 3d, 261425, one year, Jackson and Geiger, Chappell, Neb. ....	110
Planter 3d, 261428, one year, Jos. Green, ....	110
Prime Lad 261430, one year, W. C. Fleury, ....	100
Sankey 2d 261433, one year, Jos. Green, ....	105
Wildie 261437, one year, W. C. Fleury, ....	110

## HAD TERRIBLE ECZEMA

Caused Intense Suffering---Grew Worse Under Best Medical Treatment---Skin Now Smooth as Ever.

## USED CUTICURA REMEDIES

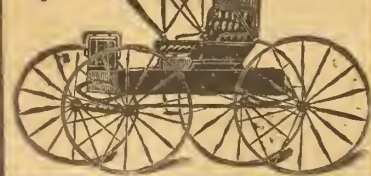
"Some time ago I suffered terribly with eczema, and I had the best medical attendance, but the more medicine I took the worse it seemed to get. I kept on with medicine for about five weeks until I saw the Cuticura Remedies advertised, and I at once purchased the Cuticura Soap, Cuticura Ointment, and Cuticura Resolvent, but had not the slightest hope of them curing me. After I had used the first set of the Cuticura Remedies I saw the improvement, and in just six weeks my skin was as smooth as ever. I advise any one suffering from this terrible disease to use the Cuticura Remedies. Henry J. Stelljes, 132 Spring St., Charleston, S. C., June 12, 1906."

The Hereford sale of Geo. J. Anstey, Masena, Iowa, was held at South Omaha, on April 4th, and everything was sold at a trifle less than one hundred dollars. The most of Mr. Anstey's cattle were young, and were good bargains to those who bought them. The females were all young heifers, otherwise would have sold much higher. He had a good bunch of strong lusty bulls, and that end of the sale was quite strong. These averaged \$102.10. The highest being Duke of Fairview, a yearling bull which went to M. J. Fitzgibbons, of Missouri Valley, Iowa, at \$235. Cols. Edmonson and Geo. P. Bellows cried the sale. Below is a list of those selling at \$100 and above:

Sankey 1st, one year, Berger and Duker, Calloway, Neb. ....	\$ 100
Virene, one year, W. J. Drennen, Mt. Ettna, Ia. ....	112.50
Willy 261438, one year, F. O. ....	

## The Anstey Sale.

\$20.00 Up. Catalogue FREE.



\$45.00



\$20.00 Up. Cash or Credit.



## AGENTS WANTED

We want men who are not actively engaged in business to act as our agents. We pay liberal cash commissions. Write for our catalogue and full particulars.

## ON CREDIT

## Buggies

Only \$10. Cash.

Balance \$5 a month. Warranted for 3 years.

## Surreys

Only \$25. Cash.

Balance \$7 a month. Warranted for 3 years.

## Farm Wagons

Only \$15. Cash.

Balance \$5 a month. Warranted for 3 years.

We trust honest people located in all parts of the world. Cash or easy monthly payments. Write for our free catalogue.

**CENTURY MFG. CO.,**  
Dept. 750 East St. Louis, Ills.



April 11, 1907.]

# LANDS AND HOMES FOR SALE

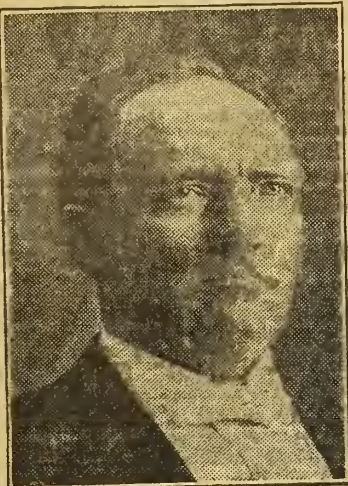
## Canadian Government FREE FARMS



OVER 200,000 American farmers who have settled in Canada during the past few years, testify to the fact that Canada is beyond question the greatest farming land in the world.

### Over Ninety Million Bushels of Wheat

from the harvest of 1906 means good money to the farmers of Western Canada, when the world has to be fed. Cattle Raising, Dairying and Mixed Farming are also profitable callings. Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low. For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent, W. Y. Bennett, 901 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 315 Jackson St., St. Paul, Minn.



Your sincerely  
G. R. Spielhagen

newspaper, machine shops, mills and cotton gin, ice factory, waterworks, local and long distance telephones, and an up-to-date 80-acre Demonstration Farm under the management of agricultural experts, where farmers can get free instruction and advice about the best and most profitable products raised in our country. We allow no one to fail in our country, as their success will be our success, as they are prosperous, we will prosper, as their land advances our holdings will advance, and we strive to the end that every newcomer becomes our friend and helps us to develop our country. We have never failed to impress the prospective purchaser when he came and saw our modern progressive towns and spoke to our satisfied farmers. We have churches of various denominations, the best schools, and a happy, prosperous and enterprising community. Land sold at Falfurrias not more than a year ago has doubled and trebled in value in the hands of the early purchaser, and while other companies operating in the Gulf Coast country of Texas have made \$25 per acre their minimum price we are still giving the opportunity to homeseekers of selecting their future homes out of a 70,000 acre tract of the most fertile open prairie land at \$15 per acre. Those not able to pay cash will be given reasonable terms. We will continue to promote railroads and build new towns, as the land sells to give the farmers proper shipping and market facilities, and have them enjoy the advantages of modern conveniences. Now, Mr. Farmer, stop and ponder—think the matter over—compare what you have learned in our previous advertisements with what you are now doing for yourself and loved ones—and if you come to the conclusion that you can better your condition by coming to this incomparable land, then take the first step that every cautious head of a family will take—come here and investigate for yourself, speak to our people that have come here before you and let them tell you their actual experience and judge for yourself whether in justice to yourself and family you can afford to remain where you are. Write me for our latest booklet, "Facts From Falfurrias Fertile Fields," and state your case to me and I will advise you in an honest way as to the road for your better welfare. We only want good people to become purchasers of Falfurrias lands—as we have to live with them. Poverty is no disgrace, but we'll take no excuse for rascality. Write today. It may lead to the bettering of your and your children's condition. Yours in sincerity, G. R. Spielhagen, Vice President and Manager, Falfurrias Immigration Co., 3 West 10th Street, Kansas City, Mo.

## Canada Wheat Land

is the best investment on the Continent to-day, and not liable to the manipulation of the stock markets. Buy of the company that builds and develops—judge us by what we have done.

## Last Mountain Valley Lands SASKATCHEWAN

Reports to the Government of the wheat crop for this district for 1906 show an average of 28½ bushels per acre. The wonderful development of the section has brought forth the competition of three railway systems. Furthermore, these are not the only points of excellence of this fertile land. After the day's work is done you may take advantage of a boat ride on the "shimmering waters of Last Mountain Lake."

Send 15c for Photographic Souvenir and 20th Century Atlas of Canada. Maps, descriptive matter, on request.

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### YOUR FARM, HOME OR BUSINESS.

No matter what it is worth or where located, if you want your property sold quickly send description and price. If you want to buy a property of any kind, tell us your requirements. We can save you money.

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UTAH We will sell, cultivate and turn over to you irrigated land with a crop growing. We will continue to cultivate the land for part of the crop or you can do that and make it your happy home. Is not that a sufficient warranty of heavy production and a strong market? Climate of sunshine; easy cultivation; easy payments. Fruit, Alfalfa, Poultry, Stock, Grain. Write for Booklet. UTAH COLONIZATION COMPANY, 607 Pioneer Press Bldg., St. Paul, Minn.

## OKLAHOMA LANDS

FROM \$15 to \$40 per acre that will grow more crops and make more money than the best lands in Iowa, Nebraska or Missouri. Map and information free.

### A. J. WALDOCK & CO.,

OKLAHOMA CITY, OKLAHOMA.

## Canada Wheat Lands.

PARADISE VALLEY, Northern Alberta, the finest farming country in the world; wheat runs 50 bushels, oats 100 bushels to the acre; cattle shipped last June averaged 1,600 lbs., fattened on grass. Beautiful park country with clump of trees, mostly open prairie, gently rolling, lakes of good water, ample rainfall; deep black loam topsoil, clay subsoil. A few good agents wanted. \$10 to \$14 per acre, easy payments. Write for maps and route to W. T. Stevens, Manager Paradise Valley Land Co., 214 Endicott Bldg., St. Paul, Minn.

WHEAT, STOCK RAISING And Dairy Land in Morton and Hettinger counties, North Dakota. We purchased some choice agricultural lands in those counties and are offering them in tracts from ¼ sections up, for immediate sale at from \$10 to \$15 per acre on easy terms. No trades. 10. 10. rates on Tuesdays. A large number of Wis. also some Iowa and Minn. people have purchased lands from us there. If you are interested write or call upon E. M. Kieron Land Co., 311 Nicollet Ave., Minneapolis, Minn.

IOWA LEADS—Government crop report shows that Iowa raises more corn than any other state; same with oats and live stock. Send for our new catalog of improved farms, gives full descriptions of a big list of fine farms in the richest part of Iowa. Also some for rent and to exchange for other property. Northern Iowa Land Co., Independence, Iowa.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

## TO THE LANDSEEKER.

PLEASE write for up-to-date list select western Iowa, South Dakota farms. Lowest prices from owners direct. S. H. Lucas, Anthon, Iowa.

TO EXCHANGE: Good 840 acre farm in Wilkin county, Minn.; 465 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

TO EXCHANGE: Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

LARGE highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Revs Brothers, Spokane, Washington.

## It's the Man Behind the Binder

who is making the dollars today from the rich, fertile  
PRAIRIE LANDS OF WESTERN CANADA.

We own and Control

### Over 500,000 Acres.

THE FAMOUS SASKATCHEWAN VALLEY,  
THE GREAT QUILL LAKE PLAINS,  
THE GOOSE LAKE DISTRICT,  
THE YORKTON DISTRICT.

are Choice and Selected Lands.

## ONE HUNDRED THOUSAND AMERICAN FARMERS

are going to Canada this year. Don't wait until the Best Lands are Taken. Buy Now. Write us for Free Maps, descriptive matter, price List, etc.

## STEWART & MATHEWS CO., LTD.,

187 Water St., WINNIPEG, CANADA. 305 Jackson St., ST. PAUL, MINN.

## SOUTH DAKOTA LAND

## BUY CORN LAND IN SOUTH DAKOTA

AT FROM \$18.00 TO \$25.00 AN ACRE.

Not a one-crop country but a country where you can profitably raise Corn, Clover, Alfalfa, Small Grains and Vegetables as well as Hogs and Cattle. Good Markets, good Schools, good Churches and good Neighbors. Write today for descriptive matter.

### BIG SIOUX VALLEY LAND CO. Ltd.

RAMSEY BUILDING, SIOUX FALLS, SO. DAKOTA.

HAVE YOU SEEN SMITH? W. F. SMITH REALTY CO., OF KEARNEY, NEB. WE SELL THE EARTH Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. W. F. SMITH REALTY CO., KEARNEY, NEBRASKA

FARMERS, READ THIS! If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write us for prices and terms and we will tell you how to get a free ticket to see our lands. Gillman Bros., 555 Temple Court, Minneapolis, Minn.

FOR SALE OR EXCHANGE: 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

## Free OUR ILLUSTRATED PAMPHLET OF NORTH DAKOTA...

Containing bonafide letters from actual settlers also statement from commissioner of agriculture—all about the new Railroads, etc.

All west bound trains are crowded with prospective buyers and actual settlers.

### GO NOW

Excursion rates every Tuesday during March and April. Remember there is but one crop of land and a child born every minute—where will the price be 10 years from now?

Think it over and Write TODAY.

## THE LOMBARD LAND CO.

221 Endicott Bldg.  
ST. PAUL,  
MINN.



## Our Homeseeker's Guide

AND a weekly newspaper published at Estevan, Sask., will be sent for a time (free of charge) for the asking. Each would bring to you much information of our locality. The Land of Estevan, the Land of Opportunity, the Land of Prosperity. Address,

THE NELS MIKKELSON LAND CO., Estevan, Sask., Canada. Mention the Homestead.

MINNESOTA LANDS ARE THE BEST We own the lands we offer, have always believed that MINNESOTA is the best State in the Union for the farmer and are now selling lands to those who went to Western Canada and the dry belt in the past four years. Our lands are in Central Eastern Minnesota, between the four great markets, St. Paul, Minneapolis and Duluth and Superior. DON'T be misled by cheap rates and boom literature but settle where you can be sure of making a success. SEND FOR MAP AND BOOK. Farmers Land & Cattle Co., Globe Building, St. Paul, Minnesota.

## THE BEST DEAL YET

offered the actual HOMESEAKER is that of The Duluth & Iron Range R. R. Co., in its Meadowslands district of St. Louis County, Minn. Good land at reasonable prices and on 15 years' time. Write for full information to Land Commissioner D. & I. R. R., 625 Wolcott Bldg., Duluth, Minn.

FOR SALE OR EXCHANGE: 300 acres Mer county Missouri, improved, good land. 248 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 152 Independence, Iowa.



## ADVERTISING NOTES.

Ginseng plants are offered for sale by L. H. Wright, Le Mars, Iowa.

Strawberry plants are offered for sale by Fred I. Slocum, Dexter, Iowa.

Three hundred thousand Red Cedars are advertised for sale by Garland & Fowler, Afton, Iowa. They are the largest growers of Red Cedars in the world and can fill any kind of an order.

Northern grown seed corn is advertised for sale by the Gateway Nursery Co., Le Mars, Ia. They also sell all kinds of nursery stock, such as fruit and ornamental trees, shrubs and flowers of all kinds.

G. Gregory, Ralston, Iowa, is advertising an early "Improved Corn" which he claims is ten days earlier than Reid's. He sells it in the ear only. Write him at once, if you want it and mention Iowa Homestead when doing so.

Record number 114008: Fistula of three years' standing; bone badly diseased; surgical treatment failed and killing the horse was recommended. Owner cured the case completely by using one bottle of Fleming's Fistula and Poll Evil Cure. Fleming's Vest-Pocket Veterinary Adviser free by writing to Fleming Bros., 210 Union Stock Yards, Chicago, Ill. See advertisement on page 21.

The greatest bargain ever offered in Wyoming land is made by the O'Keefe Real Estate Co., Omaha, Neb. They have several thousand acres lying along the main line of the U. P. R. R. which they are selling at \$5.00 per acre. Land around them is being settled up by a German colony, and this is one of the best investments we know of. Write the above firm for further particulars at once and please mention Iowa Homestead.

Names of wool producers are wanted by Herman Reel, 125 West Water St., Milwaukee, Wisconsin. This firm buy wool and are prepared to quote sellers top prices on the market. Mr. Reel wishes to put in the hands of every flock owner, information regarding the manner in which the price of wool is controlled. He will be glad to hear from you if you have wool to sell whether it be in small amount or large. Write to the above address or see page 25. Kindly mention this paper.

Shearing sheep by machine is the modern way of removing the wool. Owners who continue with the hand shear are losing some good wool that might just as well be turned to profit. The machines get a pound or more wool per sheep over and above the hand shear. Stewart Shearing machines have a reputation for excellence and the one at \$9.75 advertised in this issue by the Chicago Flexible Shaft Co., 234 Ontario St., Chicago could profitably find a place on every farm where there are sheep.

The attention of bee keepers is called to the advertisement on page 4 of this issue of the Leahy Mfg. Co., who carry a full line of apiary supplies such as are necessary and practical to successful management of bees. This company has won an enviable reputation for the quality of goods manufactured, promptness in shipment, and number of satisfied customers. We suggest that our readers write to the Leahy Mfg. Co., 1738 South Thirteenth St., Omaha, Neb., for their new catalog and information of value.

Forty rods in one pull is a pretty good test for a wire stretcher. This is the record of the Automatic Steel Lever Wire Stretcher made by Otto C. A. Schwen, Davenport, Iowa. This stretcher is very simple in its construction which makes it a tool that will last a lifetime. Its lever arrangement makes it possible to always draw the wire past the center of the last post when it can be easily stapled. This is not possible with all stretchers. A nice little circular describes this speedy and powerful stretcher. It is a daisy splicer as well. Write the above address for further particulars and kindly mention The Homestead.

Did you ever hunt bugs with a Hurst potato sprayer? Compared to going after them with a pail and paddle it is rare sport. With this sprayer the work can be done often and rapidly. It takes four rows at a time or twenty acres a day. Not only potatoes, but truck and small fruit can be treated. The extra yield it can safely be said caused by the destruction of insects and bugs which injure farm and garden produce will increase the yield a good many per cent. Enough to pay for a sprayer over and over. A boy can operate the Hurst Sprayer, so if you have one set him to work. If you have to do the work yourself you can depend on it that it will be but a light task. Write to H. L. Hurst Mfg. Co., 86 North St., Canton, Ohio, for their free trial offer. Mention this paper. See page 11.

## A VALUABLE REMINDER.

Eastview, Mo., Sept. 2, 1904.  
The Lawrence-Williams Co., Cleveland, O.:

Today I happened to find some circulars in my office from you, and they called to my mind the use of one bottle of Gombault's Caustic Balsam on a horse that had ringbone. It was a bad case, but that one bottle cured him. I would like to get the agency for it. M. E. Bird. See advertisement on page 25.

## OBJECTIONS TO HOG WATERERS.

are usually because many of them have leaky valves, which cause no end of trouble in the yards. Those who have need of waterers will be glad to know that the Hawkeye Automatic Waterer has a valve which has proven by actual use on thousands of corn-belt farms to be well nigh perfect. The base of the valve is made of rubber and the ball which fits the mouth of this valve is made of metal that will not rust. Metal will not stick to rubber. That is the secret of

the success of the Hawkeye Automatic. The tank holds five gallons and may be set any distance from the supply tank. Two lots of hogs may thus drink from one waterer. The construction is durable and made to last. Send for booklet; it tells all. Mention The Homestead when you write. Address Parsons Hawkeye Mfg. Co., Newton, Iowa.

## STOCKMEN AS MINERS.

Drovers' Telegram, March 11, 1907.—A company of Kansas City live stock and business men have become interested in a valuable mining property in Bridal Veil basin near the city of Telluride and right in the heart of the rich gold and silver mining district of San Miguel county, Colorado. It consists of twelve claims and three mill sites. It is composed of 130 acres. The company already owns the property in fee simple with no incumbrance or indebtedness of any kind. Immediate surrounding are the famous Smuggler Union, Liberty Bell, Tomboy, Nellie and Camp Bird mines. These mines earned upward of \$4,500,000 last year. Mr. F. C. Vincent, the fiscal agent of the company, which is called the Double Eagle Gold Mining Co., says that property is more advantageously situated than the other companies and its ores assay far greater values than any of them. The property is already developed to handle ten tons of ore daily, but it is desired to increase the milling capacity to 200 tons per day. To do this a stock company has been organized and a million shares of its treasury stock is placed on the market. Also the Double Eagle Company have options on adjacent claims which are known to be very rich, which they wish to take up and consolidate with their company. For that reason they have decided to sell a small part of their stock. The com-



MAJOR F. C. VINCENT,  
Fiscal Agent of the Double Eagle Company  
and Successful Financier of Many Large  
Enterprises.

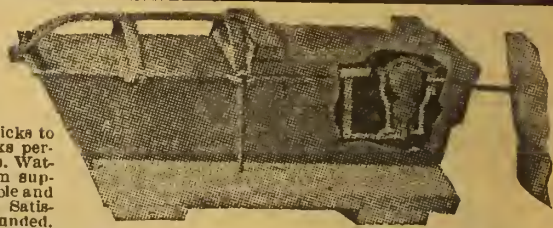
pany is owned by Kansas City men who are well known and who are at the heads of large establishments in this city. J. H. Harrington, of the Harrington-McCormick Commission Company, is president, and Mr. William Peet, president of the big Peet Brothers Soap Company of this city, is vice president. It is very seldom that a company has at its head such well known men as has the Double Eagle Gold Mining Company. Any

# PILES NO MONEY TILL CURED.

**FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.**  
**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**

## .... THE .... VITAL POINT

In a hog waterer is the valve. In the Hawkeye Automatic will be found a valve made by a metal ball resting on a rubber seat. Metal never sticks to rubber. Result is the valve works perfectly. No leakage; no mudholes. Waterer can be set any distance from supply; holds 5 gal.; is simple, durable and inexpensive. Thousands in use. Satisfaction guaranteed or money refunded.



**PARSONS HAWKEYE MFG. CO., NEWTON, IOWA.**  
Write for Booklet. ALSO MANUFACTURERS OF "PARSONS" HAWKEYE AUTOMATIC FEEDER.

## Get All Your Hay and Grain is Worth by Shipping to J. J. CONSIDINE CO., 99 No. Jefferson St., CHICAGO

**HAY** RECEIVE HIGHEST QUOTATIONS AND QUICKEST RETURNS. **GRAIN**  
REFERENCE: National Bank of the Republic. Write for market quotations, FREE UPON REQUEST.

one wishing to know about the company is requested to write any bank in Kansas City, or the First National Bank of Telluride, Col. The company guarantees that any person purchasing treasury stock in the Double Eagle Mining Company from the fiscal agent, and who desire to sell the same at any time after one year from date of purchase of stock that the Double Eagle Mining Company will repurchase same from the purchaser and pay the purchaser ten per cent over and above the price paid by the purchaser of the stock. This guarantee is something unusual; all the men connected with the company are wealthy, there is no doubt but what the guarantee will be carried out to the letter. It is the policy of this paper not to accept advertising that is not of thoroughly reliable character. All objectionable advertisements are refused. Before accepting the advertisement of this company, which appears on page 17, the statements and claims were investigated and found correct in every particular. Therefore this paper is willing to give it's indorsement to the Double Eagle Mining Company's proposition and recommend it as a particularly worthy mining investment.

## NITRATE DEPOSITS.

There is a generally prevalent idea that it is an admitted fact that the Chilian Nitrate deposits will, at the present rate of working, be exhausted in the near future, probably within about twenty years. This estimate is based upon surveys and calculations made some ten or fifteen years ago, before a complete examination of the pampas outside the province of Tarapaca had been undertaken. In recent years vast deposits

have been discovered and surveyed in the districts of Antofagasta, Taltal and Tocopilla, and according to the latest official estimates the store of "caliche" now known to exist and to be workable will suffice to meet all requirements of consumption during the present century.—British Agricultural Press.

## EXTRA WOOL COUNTS.

The extra wool that is saved by a good shearer is the most valuable part of the fleece. It comes from next the skin and brings up the grade of the whole fleece. A shearer saves the sheep, as well as time. No cutting or hacking of the skin is possible. No scars result which make an uneven start for the next season's growth—a feature worth thought. It is generally considered that a sheared fleece will weigh from one-half to two pounds more per fleece than one sheared with shears. This means enough more wool from a sheep to pay for a machine in a short time. One of the great inventions of the past few years is the Stewart machine for shearing sheep. At every show or fair of national fame this machine has won first prize. At the St. Louis Exposition the writer saw one of these machines in the hands of an expert, shear three sheep in six minutes and forty seconds—a truly wonderful feat. Even in the hands of an amateur great results can be obtained. The saving of labor and fleece are each well worth thinking about. In some neat booklets the sheep shearing machine and the horse clipper are fully illustrated and described. Write for this information to the Chicago Flexible Shaft Company, Chicago, Ill. Mention The Homestead, and see page 8.



The above is a good likeness of Iams' Prusant de Lûroux (29344), a black Belgian, four years old, weight 2,310 pound's. This horse is a sweepstakes winner, one of the good stallions owned by Frank Iams, of St. Paul, Neb. [See page 27.]



A MACHINE FOR COTTON GROWERS

According to a despatch from Washington, an important problem has been solved by the department of agriculture for cotton growers. It is a machine for the removal of fuzz on cotton seed and for the separation of light from heavy seed. The process has been in course of development for about two years, and it is the opinion of cotton experts of the department that its universal use would effect a saving of about 10 per cent of the entire cotton crop. As the crop of America amounts to about \$750,000,000 a year, it can easily be realized that such a saving would be of vast importance. By the removal of the fuzz from the cotton seed the seed may be planted with an ordinary gravity drill. Owing to the ease with which the smooth seed can be manipulated they can be planted in hills, without unnecessary waste, and the plants so located can be tilled in two directions. The machine, it is stated, can be made at very small expense, and, as the invention is in the hands of the Government, cotton planters who use it will have to pay no royalty for it.

THE MARKETS.

Chicago, April 6.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Mar. 30..	323	19	6,960	5,613
Mon., April 1.23,145	771	24,291	30,401	
Tues., April 2. 3,407	4,627	12,403	11,054	
Wed., April 3.16,525	1,968	21,113	13,589	
Thurs., April 4 7,820	2,286	18,466	15,028	
Fri., April 5.. 1,520	593	17,120	5,826	
Sat., April 6.. 400	10	14,000	3,500	

Total this w.k.52,817	10,255	107,393	79,398	
Previous w.k.46,088	8,616	110,347	71,720	
Cor. w.k 1906.61,471	12,455	142,069	93,842	
Cor. w.k 1905.56,861	13,500	125,711	82,312	

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Mar. 30. 417	18	4,579	2,874	
Mon., April 1. 6,310	4	7,629	7,237	
Tues., April 2. 3,017	29	3,802	4,306	
Wed., April 3. 5,908	97	6,848	3,085	
Thurs., April 4. 5,581	50	5,753	6,644	
Fri., April 5.. 2,833	87	3,784	708	
Sat., April 6.. 800	5	4,000	2,000	

Total this w.k.24,449	272	31,816	23,980	
Previous w.k..22,954	414	36,439	21,857	
Cor. w.k 1906.24,440	70	44,734	29,562	
Cor. w.k 1905.24,278	407	54,731	24,780	

OTHER MARKETS.

St. Joseph, Mo., April 6.—Cattle—Receipts, 200; nominal. Hogs—Receipts, 5,000; weak to 5c lower; quality good; top, \$6.60;

HORSE OWNERS! USE

**CAUSTIC BALSAM.**  
A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from Horses. Impossible to produce scar or blemish. Send for circulars. Special advice free.  
THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

**SCALES**  
U.S. STANDARD  
CATALOG FREE  
ALL STYLES—LOWEST PRICES—  
**AMERICAN SCALE CO.**  
206 NEW ENGLAND BLDG., KANSAS CITY, MO.

SHEEP.

WE WANT NAMES AND ADDRESSES OF WOOL GROWERS.

Send us your name and address, stating number of sheep you will shear. We have something of interest to say to the wool growers. Give this your immediate attention if you would learn about the combine which is trying to fix the price. What price do you want?

**HERMAN REEL,**  
125 West Water St., - Milwaukee, Wis.

CLOVER HILL SHROPSHIRE

In favor everywhere because of their good size strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

**CHANDLER BROS.,** - Chariton, Iowa

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

**GEORGE ALLEN,** - Lexington, Neb.

hulk, \$6.52 1/2 @ 6.57 1/2. Sheep—Receipts, 500; nominal.  
National Stock Yards, Ill., April 6.—Cattle—Receipts, 400, including 350 Texas; market steady. Hogs—Receipts, 3,000; weak to 5c lower; top, \$6.77 1/2; hulk, \$6.65 @ 6.72 1/2. Sheep—Receipts, 300 direct.  
Kansas City, Mo., April 6.—Cattle—Receipts, 500; nominal. Hogs—Receipts, 3,800; steady to 5c lower; top, \$6.60; hulk, \$6.55 @ 6.60. Sheep—Receipts, 300; firm; lambs, \$8.00.  
Sioux City, Iowa, April 6.—Hogs—Receipts, 3,400; 5c lower; range, \$6.25 @ 6.50; hulk, \$6.42 1/2 @ 6.45. Cattle—Receipts, 1,000; steady.  
South Omaha, Neb., April 6.—Cattle—Receipts, 100; unchanged. Hogs—Receipts, 4,500; shade lower; top, \$6.50; hulk, \$6.42 1/2 @ 6.47 1/2. Sheep—Receipts, 8,000, mostly through; steady.

HAY MARKET.

Freeman Bros. & Co., send out the following, dated April 3, 1907:

Timothy.—Market steady and active for all good grades under moderate receipts and offerings. We would caution shippers not to press or load any hay which is wet or damp as it will surely spoil, for already considerable hot hay is now on the market and which has but little value.

Present good prices for hay are not due to lack of hay at interior points but the difficulties in getting transportation to market. The "car situation" is much relieved to what it has been and should further relief develop and cars get plentiful hay values would quickly lower.

Prairie.—Market dull and heavy owing to a but limited demand for wild hay of all kinds and grades. New receipts not large, but quite an accumulation of wild hay exists as it comes forward faster than buyers can be found to take it even at concessions of price. Much of the wild hay from the Northwest is out of condition owing to its either being exposed to rain or snow or pressed while damp or wet. The future market for wild hay is not good as our judgment confirmed by the action of market the past months indicates. There is a larger surplus yet to be marketed than is generally anticipated and values in consequence have been working lower.

Straw.—Good, sound, bright straw of good length in fair demand. Light receipts and offerings prevail.

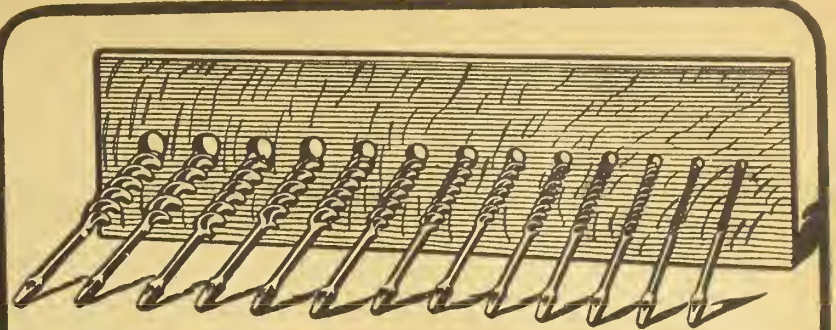
Timothy—Choice and fancy, ..	\$17.00 @ 18.00
No. 1 .....	15.00 @ 16.00
No. 2 .....	14.00 @ 14.50
No. 3 .....	12.00 @ 13.50
Prairie—Choice Kan., Ia., 1. T.,	
Neh. ....	12.00 @ 13.00
No. 1 .....	11.00 @ 11.50
No. 2 .....	10.00 @ 10.50
Ill., Ind., Wis. ....	8.00 @ 9.00
Straw—Choice rye, \$9.50; good, \$8.50 @	
9.00; wheat and oat, \$7.00 @ \$7.50.	

A WELL KNOWN SCALES.

The U. S. Standard Pitless scales for farm or city use has won its present distinction absolutely on its merits as a reliable and durable scale. Wherever farm commodities are driven over scales you will find the U. S. Standard. Its construction, principle of operation, prices, etc., are fully set forth in the catalog, which should be in the hands of every prospective scale buyer. Write for it to the American Scale Co., 206 New England Bldg., Kansas City, Mo.

NOT A ONE-CROP COUNTRY.

Not only corn, but all other crops common to the corn belt can be raised to a high degree of perfection in the Big Sioux Valley of South Dakota. The land in this region is being rapidly settled by a fine class of people—those who believe in good schools and churches and good neighborhoods. Lo-



Good Natured Tools.

It is not necessary to force Keen Kutter Tools. Keen Kutter bits, for example, work quickly and easily in any kind of wood. Lips are long, strong and perfectly tempered, adding years to the life of the tool. Keen Kutter Tools like hard work. The edged tools never lose their temper—handled tools never work loose or fly off—hammered tools keep their faces straight.



KEEN KUTTER Quality Tools

include tools of all kinds—Saws, Chisels, Bits, Drills, Gimlets, Awls, Planes, Hammers, Hatchets, Axes, Drawing-knives, Pocket-knives, Screw-drivers, Files, Pliers, Glass-cutters, Ice-picks and a full line of Farm and Garden Tools—Forks, Shovels, Rakes, Hoes, Scythes, Manure-hooks, Grass-shears, etc. If not at your dealer's write us.



"The Recollection of Quality Remains Long After the Price is Forgotten."  
Trade Mark Registered.

located near good markets with good transportation facilities the Big Sioux Valley Land Company, Ltd., Ramsey Building, Sioux Falls, S. D., have some attractive farm land. Write them today for descriptive matter.

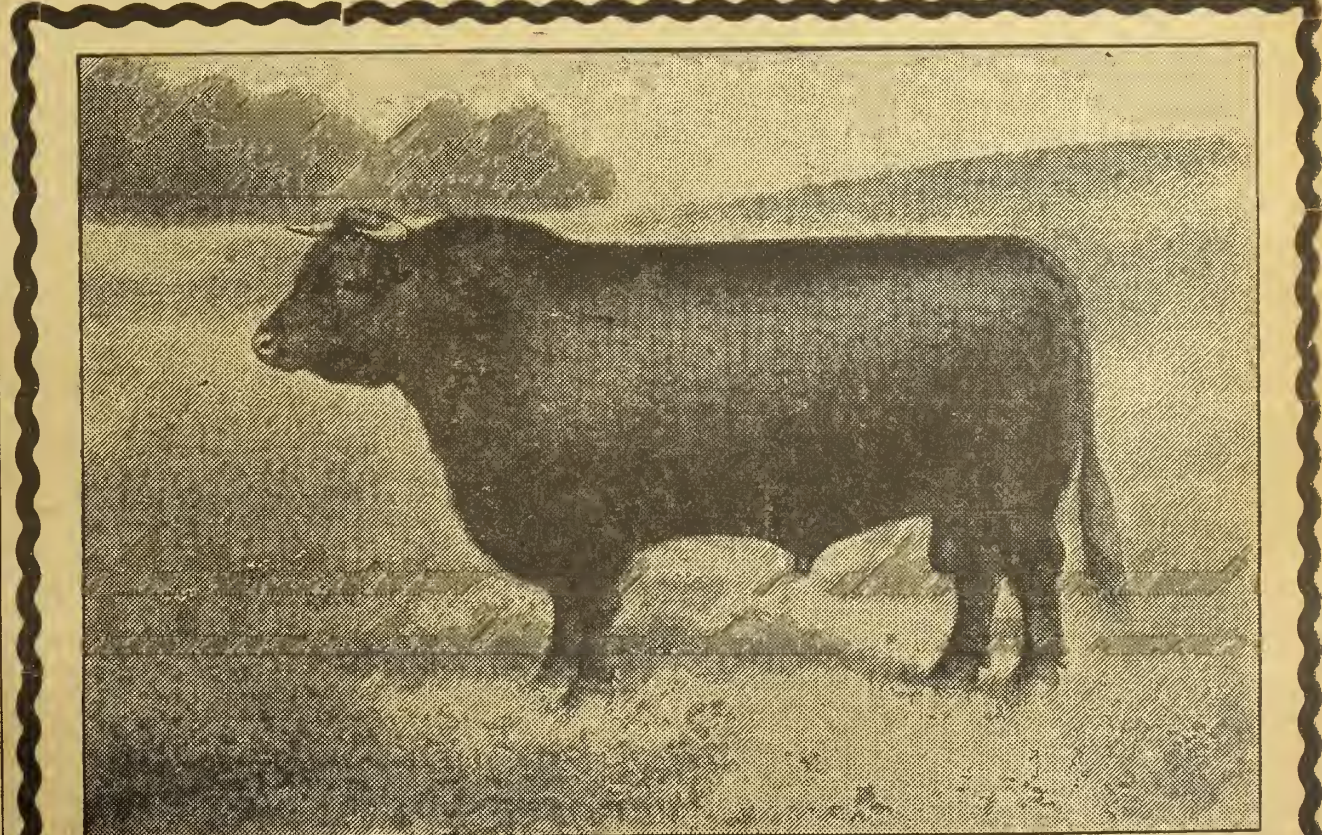
AGENTS WANTED—FARM VEHICLES TO SELL.

Those who are not actively engaged in business may find a good chance to employ their time as agents for the Century Mfg. Co., Dept. 750, East St. Louis, Illinois. This firm states that they desire representatives and will pay liberal commissions. They carry a full line of farm vehicles, including buggies, surreys and wagons, etc. By reference to their advertisement on page 22 you will see that they quote exceptionally low prices. Write for their free catalog addressing them in full.

THE MAN WHO GETS THERE.

Everybody knows Jones of Binghamton, "the man who pays the freight." Everybody knows he makes scales, good scales, for all sorts of uses and at prices as low as the quality of material and workmanship warrant but all who know Jones of Binghamton, perhaps do not know that he was "General Jones" before he was a scale manufacturer. Nearly fifty years ago he was a colonel of a

Massachusetts militia regiment. There were a good many militia regiments in the North, but Jones, not then of Binghamton, was the first to have his regiment in marching order, and he started with it to the capital. The only fact of interest was that after considerable opposition "he got there." He had, it seems, formed a habit, or acquired an aptitude, for getting there. He has never lost it. Somewhere it was once stated, on what seemed good authority, that the reason he became a scale manufacturer was that he saw the need of scales on every farm to save the farmer from loss by incorrect weight or erroneous guesswork; but scales were too high priced. The farmer thought he could better afford continuous small losses than pay the price of farm scales. That, General Jones said, could be remedied by making at a lower price, scales as good as the expensive ones in the market. That's why he went into the manufacturing business. He knew he could do it; he learned how to do it, and he got there, just as surely as he got to Washington. This is what he says to every purchaser of a scale from his factory: "This scale is personally guaranteed by me; here's my hand on it." Any Homestead reader wanting to know more about this low-priced high-grade scales should write to Jones of Binghamton, Box 418, Binghamton, New York for illustrated catalog.



The subject of the above illustration, Golden Lavender 222970, is as pure a Lavender bull as is found anywhere. We request those of our readers who are interested in Short-horns to study his pedigree which appears on page 28, in the advertisement of Geo. Bothwell's dispersion sale. Note the combination of blood lines that have been blended; the five top sires having been as great bulls as the breed has known. Golden Lavender will be found all that his breeding would indicate and his ability to transmit the good qualities he inherits is proven by his get that go in Mr. Bothwell's sale on April 22d. Golden Lavender sells, and should go to head some high-class herd.



## Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND  
HEREFORDS.

May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Churdam, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

April 12, R. A. Coffey, Mgr., Savannah, Mo.  
April 22, Geo. Bothwell, Nettleton, Mo.  
April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
April 30, M. T. Conner, Auburn, Neb.; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
April 30, S. J. Cochran, M. T. Conner, Auburn, Neb.  
May 8, A. Chrystal, Marshall, Mich.  
May 22, R. H. Hadley, New Providence, Ia.  
May 27, Combination sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
May 28, Henry Kuper, Humboldt, Neb.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Sept. 24, L. B. Couverse, Maryville, Mo., at South Omaha, Neb.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 14, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

## SHORT-HORNS AND POLLED DURHAMS.

April 17, John Burruss, Miami, Mo.

## HEREFORDS.

May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.

June 18, Hood & Baker, Dunlap, Iowa.

## POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

## DUROCS.

Oct. 1, D. R. Willson & Son, Redfield, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.

## POLAND CHINAS.

Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.  
POLAND CHINAS AND DUCRO JERSEYS.  
Oct. 19, E. A. Olive, Scranton, Iowa.

## FIELD NOTES.

N. A. Lind, Rolfe, Iowa, has a few right good young Scotch bulls for sale.  
Some good young Scotch bulls are being offered for sale by Ernest Funke, Greenfield, Iowa.

A few Short-horn bulls and some good Duroc-Jersey sows are offered for sale by Jas. Dolison, Sac City, Iowa.

The large improved Yorkshire sows can be purchased of F. Rabeller, Leigh, Neb. He has a lot of choice young sows for sale at very reasonable prices.

About twenty-five good yearling and two-year-old bulls are offered for sale by A. Spooner, Mondamin, Iowa. These are sired by Beau Donald 12th, one of the greatest sons of old Beau Donald.

Select western Iowa and South Dakota farm may be purchased direct from owners by the plan advertised by Mr. S. R. Lucas, Anthon, Iowa. See page 23. Write him for his list of such farms. Mention this paper.

Ten carloads of dehorned steers ready for the feed lot or summer grazing are for sale by Mr. H. I. Ball, Fairfield, Iowa. They are a fine type of feeder and of different weights. Write for further particulars. Mention The Homestead and see page 27.

Ohio Belle, the \$2,000 Duroc-Jersey sow recently farrowed and now has ten fine pigs, half males, to the service of the sweepstakes boar Crimson Wonder Again. This is unusual good fortune of which Messrs. Poush, Strong and Secksmith have license to be proud.

Home-bred registered Percheron and Shire stallions at prices lower than the lowest are advertised by Messrs. W. H. Schnelle & Sons, of Lemonville, Mo., on page 27. With twenty-seven years of experience this firm should be able to satisfy buyers. Mention this paper when you write.

The time to book orders is at hand, and Mr. E. L. Nagle & Son, Chester White breeders at Deep River, Iowa, were never better prepared to assure their customers choice selections. They have five fall yearling boars which they offer at a bargain. The spring pig-crop has passed the hundred mark. All sired by the best of boars. See page 27, and mention The Homestead when writing.

Henry Brothers, Le Mars, Iowa, well-known Poland China breeders have fifty March pigs already and about 100 fall pigs. These are sired by the great boar Meddler 2d, Matchless Chief Jr., their sweepstakes boar and Matchless Chief. They also have a litter by Separator, the boar that stood 2d to Meddler 2d at the Illinois state fair, and a few litters by On Parade, a son of On and On. They

## DON'T BUY GASOLINE ENGINES

alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.

have about ten sows to farrow yet. The boys went out this season and bought some of the very best sows, topping several of the best sales. These sows were bred to noted boars and they are preparing for the best offering that has ever been raised on their farm. We will tell our readers more about their herd later in the season.

Looking for Duroc-Jersey boars or sows? If so, write to Mr. C. M. Dewey, Shannon City, Iowa. He can supply you with some good summer farrowed boars of excellent breeding, including some fall boars by Proud Advance and Teddy R. A few sows well bred and to farrow summer and early fall litters. Write at once for prices or visit. See page 27. Mention this paper when you write.

Five extra good young Galloway bulls are for sale by Mr. W. W. Scholes, Ouawa, Iowa. Anyone looking for bulls of this breed should lose no time in seeing this breeder as males of this kind at the prices offered should be turned over quick. Some very choice eggs from B. Rocks are being offered by the Mr. Scholes at moderate prices. Write at once for further particulars regarding this offering. Mention The Homestead. See page 27.

W. J. Prather, Russell, Iowa, in sending in copy for the yearling Duroc Jersey boars, which he is offering, writes that they are first class specimens and not of the left-over kind. He had intended to keep them for his own use, but a sow, which he purchased in Kentucky and which farrowed very early has four splendid young fellows and this has changed his plans. The boars which he is offering are by Tom Davis, first at Nebraska fair, last fall, also two yearlings, one by Proud Advance and one by Top Notcher Again. Prices reasonable. Mention The Homestead when you write. See page 27.

Sol Frank, of Sioux City, Iowa, one of the best known Duroc-Jersey breeders in northwest Iowa, is doing fine so far this season, and has seventy-five March pigs on the place. Marie Antoinette, his first-prize sow at Sioux City last fall, and one of the greatest sows that was shown last season, has ten nice pigs by King Solomon, the boar uow at the head of his herd. Breeders who are going to want herd headers later on should secure an option from Mr. Frank on these pigs pretty soon, as they are going to be in demand. The most of his pigs are sired by King Solomon, but he also has a litter by Crimson Wonder Jr., a brother to old Crimson Wonder, Ohio Chief Again, a son of the famous old boar, Ohio Chief, and Spotless Top Notcher, a son of Lottie's Top Notcher. He has some good fall pigs, and he also has a couple of sows to farrow yet. Sol will be in good shape to supply his trade this fall and he will have the stock to do it with. Breeders won't make a mistake to speak for a pig at an early date, especially those out of Marie Antoinette.

Arch Brown & Sons, Waterloo, Nebraska, have about 100 pigs on hand, fifty of which are spring farrow. These are sired by old Kan't Be Beat, the \$6,050 boar. Echo King, Sure Winner, Red Knight and Onward Duroc, and he has a few sows to come in yet. They have some good looking pigs already and there should be a good outcome in many of these. This farm made an average of \$73 on their last brood sow sale and put up one of the best offerings of the year. Messrs. Brown have a good pig in Onward Duroc, a son of Morrison's Belle Top by Red Chief 1 Am. His dam is Emoua Lou by the noted boar Cole's Duroc. This pig has been coming well in their hands and if nothing goes wrong will have him out at the fair this fall. This firm have made rapid strides in the Duroc Jersey business of late years and have sent out some good stuff. They are good feeders and care takers, and when fall time comes around they always have some good pigs to show the boys. They expect to be at the Nebraska state fair and may possibly go over to Iowa to mingle with the boys and show them what Nebraska can do.

Taylor and Jones, Williamsville, Illinois, write regarding their recent stallion sales as follows: "Our sales keep up remarkably well and we are glad to report the following ones during the past week: Messrs. J. A. and F. Hoblit, Atlanta, Ill., bought one of our newly imported Shire stallions and G. F. Howard, New Providence, Iowa, came and selected an American bred two-year-old Percheron. F. M. Minshall, Viroqua, Wis., who came and bought a Percheron of us some time ago, returned and purchased one of our newly imported Shire stallions. This makes three stallions we have sold to Mr. Minshall within less than one year. L. F. Lomke, Bloomington, Ill., came and selected one of our best two-year-old American bred Percherons and A. L. Richards, Caro, Mich., gets a fine imported Shire. Albert Mills, Taylorville, Ill., to whom we have sold several stallions, came and bought a trotting-bred stallion and an imported Shire. Mr. Mills is in the business to stay and he surely has the goods to please his people. T. M. Davin, Tower Hill, Ill., to whom we sold two stallions last fall, now comes back and buys two Percherons, an imported and an American bred horse. We are proud of the fact that

# \$25<sup>00</sup> to North Pacific Coast

LOW ONE WAY COLONIST RATES DAILY UNTIL APRIL 30, 1907.

**\$25<sup>00</sup>** TO SEATTLE, TACOMA, PORTLAND  
EVERETT, BELLINGHAM, VANCOUVER  
AND ALL PUGET SOUND POINTS

**\$22<sup>50</sup>** TO SPOKANE, KOOTENAI, WENATCHEE.  
THE BIG BEND COUNTRY AND MANY  
POINTS IN EASTERN WASHINGTON

**\$20<sup>00</sup>** TO HELENA, BUTTE, HAVRE, GREAT  
FALLS, KALISPELL, WHITEFISH AND  
MANY OTHER MONTANA POINTS

Only \$6.00 to nearly all points in North and South Dakota, every Tuesday during March and April. Low Rates to points in Canadian Northwest on same dates.

These rates are from St. Paul and Minneapolis. Rates from points east and south thereof are proportionately low. Book on Washington, Montana, North Dakota and information regarding rates and routes to any point in the Northwest furnished on request.

## TWO TRAINS DAILY—TOURIST SLEEPING CARS

## MAX BASS

Gen'l Immigration Agent  
220 South Clark St.  
CHICAGO.



## A. L. CRAIG

Passenger Traffic Manager  
Great Northern Building  
ST. PAUL, MINN.

ALASKA—YUKON—PACIFIC EXPOSITION, SEATTLE, JUNE—OCTOBER, 1909.

our former customers always come back when in need of a horse. This is not a bad recommendation to say the least." See page 32.

Smith Brown, Waterloo, Neb., the well-known breeder who was the first who had the temerity to pay \$510 for a Duroc-Jersey sow, and who came into considerable prominence as the first owner of the great Nebraska Belle is again giving his undivided attention to the hog business. For the past year or more he has been deputy sheriff of Douglas county, but has resigned that position in order to care for his own business, and henceforth he will be found shipping pigs and growing some good hogs. He went out this winter and topped many of the best sales, and he bought some good sows. He has seventy-five spring and about thirty-five fall pigs. These are sired by the sweepstakes bear Red Knight, Echo King, Belle's Model, Crimson Critic, Sure Winner and Duroc Onward, Fancy Maid. The sow that he paid \$815 for at the E. J. Brown sale, and one of the greatest sows that Gilbert Van Patton ever bred, has a litter of eight pigs by Red Knight. His Duroc Challenger sow will have pigs by Crimson Critic and his Junior Jim sow has a litter by Sure Winner. He has an Improver II sow that has a litter by Red Reuben, a son of old Gold Dust Jim, and he has a Kan't Be Beat sow that will have a litter by a son of Belle's Chief. He also has a Proud Advance sow with a litter of Crimson Critic pigs and a Crimson Wonder sow with a litter by Brown's Chief, a son of Belle's Chief. Mr. Brown has a splendid lot of brood sows for this year, and he has the best lot of pigs that has ever been on his place at this season of the year. He will be out this fall and will have a few good things to show the boys.

## JACK OR STALLION—SALE OR TRADE.

Mr. Bert Fry, Plainfield, Iowa, has a good young black jack, coming three, and a big home-bred stallion, 1,800 pounds, and a good worker which he is offering for sale or trade. Mr. Fry is a breeder and always has something choice on hand in the way of horses or Poland China swine. Write him at once for prices or state what you have to

trade. See page 27 and mention The Homestead when you write.

## FOR SALE.

Two Percheron stallions, coming four years old, recorded, will weigh between 1,700 and 1,800 pounds. Must sell at once.

Stanbra & Brown, Humboldt, Iowa.

## SPECIAL PRICES ON STALLIONS.

For the next thirty days Peter Hopley & Son, will make special prices on Percheron, Belgian and German Coach stallions. They will sell all they have now on hand before they sail for Europe for another lot. If our readers want stallions, it will pay them to go and see the above firm.

## P. S. &amp; S. BARR FINE STOCK.

The firm of P. S. & S. Barr, of Davenport, Iowa, have long been established in the business of breeding Poland China hogs, Short-horn cattle and Double Standard Polled Durhams. At the present writing they have two good Polled Durham and two good Short-horn bulls ready for service, and younger ones coming on. Their herd numbers some fifty head. That superb Polled Durham bull Buttonwood Marshall 17th, 5012 X P. D. and 259321 S. H., heads the herd. He is an Orange Blossom Scotch bull, sired by Field Marshal, a grandson of the World's champion cow Mary Abbotsburn 7th. The Short-horn bull is headed by the most excellently bred bull Scottish Prince 2d 185627, he by Baron Goldust 127367. He is a Scotch Dorothy, she by Field Marshal, Amos Cruickshank's phenomenal herd bull. The Barr Brothers will be pleased at any time to show stock to Homestead readers.

## PERCHERON STALLIONS.

Anyone wanting a Percheron stallion should lose no time in going and seeing what the Messrs. Rhea Bros. have in their barns at Arlington, Neb. They have one of the best bunches of yearling two and three-year-old stallions that we know of in the West and they are selling them at live-and-let-live prices. Rhea Brothers were at the Nebraska and Sioux City fairs this year and at the Nebraska fair won nine prizes on the eleven stallions which were exhibited. On their three-year-old stallion at the Nebraska fair they won first. At the Interstate out of seven horses entered they won five places, winning first and third on their three-year-olds, second on four-year-olds, second on two-year-olds and first on yearling. Rhea Brothers have been in the business for a number of years and have each year increased their business until now they are one of the largest firms in the west. In going through their fine hunch of stallions we find that they have paid special attention to the bone. It is hard to find what you would term a light boned stallion in the entire lot. They have also paid a great deal of attention to the selecting of horses with good feet and all their horses possess plenty of quality and style. Their three-year-old home bred horse Carlo, which won first at Lincoln and Sioux City will easily weigh a ton. He is a horse with plenty of quality and action. He is smooth and clean-boned and is strong all over. Anyone in need of a high-class stallion should visit this great horse farm. They have im-

## BROUGHT INQUIRIES FROM EIGHT STATES.

GOOD DEMAND AND PLENTY OF SALES RESULT FROM USING SPACE IN THE HOMESTEAD.

Mr. George W. Schwab, of Clay Center, Neb., one of the proprietors of the Pleasant View Stock Farm at Clay Center, Neb., writes as follows:

"My advertisement for Brome grass seed placed in The Iowa Homestead brought inquiries from eight different states and produced an excellent demand, all directly traceable to your columns."



## STEEL WHEELS

with wide tires double the usefulness of the farm wagon. We furnish them any size to fit any axle. Cheaper than repairing old wheels. Catalogue free.

EMPIRE MFG. CO., Box 103A Quincy, Ill.



ported horses for sale for those who prefer them to the home bred horse. Notice their announcement elsewhere in this issue.

GOOD SCOTCH SHORT-HORNS.

The old established firm of I. Barr & Son, of Davenport, Iowa, have long been patrons of The Homestead. For about a quarter of a century I. Barr & Son have had an announcement in these columns and have started many Homestead readers in the Short-horn business. They were pioneers in taking hold of the Cruickshank cattle, and proved the intrinsic worth of the thick fleshed, bardy north country cattle. A number of the best breeding bulls in this country were bred by this firm. They have made a specialty of furnishing choice groups of females as the foundation for new herds. At this date they have just sold forty bulls to go to Montana, but they have a few strictly choice straight Scotch bulls, one of which is about two years old, a Mysle. We noted another extra good yearling Mysle bull and a Duchess of Gloster also, all herd headers. The above bulls are all solid reds. Their announcement can be found in The Homestead on page 30.

GUDGELL & SIMPSON WILL SELL HEREFORDS IN KANSAS CITY IN MAY.

Gudgell & Simpson, of Independence, Mo., have selected Thursday, May 2d, for a sale of Hereford cattle, the sale to be held in the fine stock pavilion at Kansas City, Mo. For this sale they some time ago selected twenty yearling bulls and thirty two-year-old heifers that are well along in calf. Breeders who have used Gudgell & Simpson stock as a foundation, find that it breeds on and proves more satisfactory as time goes on. That this is so is on account of the impressive sires that have been in service in the Gudgell & Simpson herd. The blood of Anxiety 4th, Don Carlos, North Pole and Beau Brummel has been so mingled as to produce stock that breeds on, no matter in whose hands they go and has caused the most progressive breeders to patronize the herd for herd headers and females both for show and breeding purposes. The handling of these Herefords has had much to do with the success of their usefulness after they have left Gudgell & Simpson's pastures. It is not their custom to indulge in any amount of high fitting and it is scarcely necessary more than to halter break, as the Gudgell & Simpson Herefords are noted for their easy keeping and thick fleshing qualities. The man who has yet to buy a herd bull should not overlook the present offering and those who are in need of some high-class females should buy now. The man who contemplates buying a foundation herd should not delay as every month he puts off buying the higher is he going to be forced to pay, as the pure-bred cattle business is on the upward grade. Now is the time to make a start and the investment of a few hundred dollars in good cattle will yield larger returns than in any business venture of like nature. The twenty bulls that sell in this sale are by sons and grandsons of Beau Brummel and Paladin, a son of Lamplighter. The dams are Anxiety bred cows, some being cows that have been consistent winners at leading shows, also producers of stock that has won and sold at good round figures. These bulls are all yearlings of serviceable and just coming of serviceable ages. The heifers are two-year-olds and all are bred. The larger part of these are by sons of Beau Brummel that are in service in the Gudgell & Simpson herd. Several are bred by Paladin, a son of Lamplighter that has proven a great heifer breeder. They are bred to such bulls as Bright Donald, second prize aged bull at the St. Louis world's fair, Beau President, Beau Donald 3d and other

of Gudgell & Simpson's herd bulls. The Gudgell & Simpson herd was founded in 1876, has been prominently before the people since and has been doubly conspicuous on account of the high class character of the stock produced. The success of this great breeding establishment is largely due to their business methods, their desire to see every animal that leaves the herd do the purchaser good and the carefulness with which all matings have been made since the establishment of the herd. A better place to buy or a better time cannot be found as pastures are ready to turn on and the cattle can be carried over the next six to nine months at a very moderate cost. In future issues more will be said of the offering and in the meantime we want every reader interested in good Herefords to write Gudgell & Simpson for a catalog. See this page for the advertisement of the sale and kindly mention this paper when writing them.

FIRE CANNOT STOP THEM.

Dodd & Struthers, the well known manufacturers and wholesale dealers in copper cable lightning apparatus of Des Moines, Iowa, have given the business world a new basis for estimating the strength of their concern in a financial way. Six weeks ago their splendid factory building, five stories high and over a hundred feet long was gutted by fire. With remarkable enterprise and stamina the repair was begun at once and now the factory is turning out goods as usual. This is a great achievement indeed, and was only possible on account of the energetic policy of the management. Their advertisement appears on page 19 and we would advise our readers that their wants will receive as careful attention as ever by this firm. In writing for their booklets kindly mention The Homestead.

IAMS' STALLIONS.

Frank Iams writes: "Mine son, Ike—Get into the band wagon, all railroads lead to St. Paul, Neb., (at two cents a mile). The home of the largest individual owner and importer of Percheron, Belgian and coach stallions in the United States, Frank Iams of 'Peaches and Cream' stallion fame, has opened up a new barn of sixty stallions (not seen by the public before). They are his famous prize winners at the Illinois, Iowa and Nebraska State Fairs, and the '1907 show horses' selected in Europe for the big state fairs of 1907. At the Illinois State Fair he won second prize on four-year-old Percheron and it took a \$10,000 stallion to put him second. Iams' three-year-old Percheron won two prizes out of the four there (not horses shown). At the Iowa State Fair Iams' Trallala defeated the champion Percheron stallion of France. At Nebraska State Fair Iams' Percheron and Belgians won every first prize (bar one) and both sweepstakes prizes, and grand sweepstakes prize over all breeds, in two, three and four-year-old classes. His 1907 show horses are the 'best ever.' These horses and more are all in his barns and must be sold to make room for his '200 head' importation. Ike! 'It's a cinch' that Iams is saving thousands of dollars to stallion buyers. He sells winners and sons of winners at \$1,000 and \$1,500 (few higher), guaranteed better than any \$3,000 to \$5,000 company stallion sold by 'gold brick' stallion salesmen. If you don't find this true, and every statement in catalog, you get the \$500 hung up. Iams' twenty-five years of successful business, and his 'square dealing,' keen judgment, his characteristic advertising, his independent stand against the giant stallion trust, having the lig ton 'black boys,' your kind that sell themselves, and no questions asked. It's 16 to 1 that Iams talks less and sells ten times as many stallions as any man in the United States. He is an easy salesman, and people know that they get a square deal with Iams. His stallions are so good that they do not need a 'gold brick' salesman or auction block to sell them. They sell themselves, they are the salesmen. Iams has 'lifted the lid' again and is knocking 'high prices' on stallions off the 'Xmas tree. It is 'bargain day' at Iams' stallion barns. All your folks will take off their hats and say, 'Iams has the goods' as advertised. Iams wants your business. That's why he advertises. 'He will put your hair in a curl' with swell ton stallions and save you \$1,000 or \$1,500 and a better stallion. Then you can wear diamonds, not the peddler or auction block man. You say, 'Why can Iams sell better stallions at half the price of others?' Iams buys and sells every stallion himself at his home barns. He buys stallions by 'special train load,' eighty to 150 at a time. He speaks the languages, saving you 20 per cent. He is not in the stallion trust, saving you \$300. He pays no slick salesman \$1,000 to sell you a fourth-rate stallion. He has no two to ten men as partners to share profits. He pays spot cash for his stallions, owns his farms, houses, barns, stocks and stallions. He sells stallions by 'hot advertising.' One thousand dollars to \$1,500 insurance placed by Iams on stallions. Our illustration is Iams' Prusant-de-Luroux (293344), black Belgian, four years old, weight 2,310, a sweepstakes winner, 'a peach,' at \$1,500. He is a smooth-finished drafter of big size, big, clean bone. A sensational 'Peaches and Cream' stallion that don't need any booster or hammer thrower to sell him. You will keep 'a-shovin' and a-pushin' until you own him when you see him at Iams'. Iams has on his selling clothes; they fit all buyers. No man who will talk business and will pay cash or give bankable note gets away from Iams. Write for Iams' 1907 horse catalog with 100 illustrations, an eye opener that will save you thousands of dollars."

A LITTLE TALK ABOUT FALFURRIAS.

A representative of this paper, Mr. L. L. Byram, recently called on Mr. G. R. Speilhagen, vice-president and manager of the Falfurrias Immigration Co. Mr. Speilhagen returned to Kansas City, where he is making headquarters, a few days ago. In talking of the wonderful Gulf Coast country he said: "I cannot understand why a farmer will stay in the North and farm \$100 land where his crops do not pay over \$15 an acre at most when he could go to the Falfurrias country and buy land—fine, open prairie—at \$15 per acre now, that will produce crops that pay from \$50 to \$300 per acre per year. I cannot see why a man with a family growing up around him should not have the interests of his boys and girls at heart enough to go to a country where they would not have to work sixteen hours a day, six months in the year in order to keep alive the other six.

GUDGELL & SIMPSON

..... WILL SELL .....

HEREFORDS

In Sale Pavilion

Kansas City, Mo., Thursday, May 2

20 Bulls  
yearlings  
by sons of  
BEAU  
BRUMMEL  
and PALADIN  
a son of  
LAMP-  
LIGHTER



- 30 -  
Heifers  
two year-  
olds bred.  
Six by  
PALADIN  
others by  
sons of BEAU  
BRUMMEL.

MODERN TYPE ANXIETY 4th STRAIN.

There is herd header and show material among the bulls. Several having been retained for this sale. The heifers are a desirable lot, just coming a useful age and all are bred. Several to Bright Donald, 2d prize aged bull at the St. Louis World's Fair. Others bred to Beau President, Beau Donald 3d, and other of our herd bulls. Send today for catalog, mentioning The Homestead, address,

Gudgell & Simpson

Independence, Mo.

Aucts., Cols. Edmonson, Sparks, Zaun

TOO LATE TO CLASSIFY.

MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medlum, Neponset Billie. Will ship at three months old. 25 extra good full hours by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.

ERNEST L. MEAR,

NEPONSET, ILLINOIS.

TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address,

FAGAN, BROWNING & McCABE.

HERSMAN, ILL.

I cannot see why any farmer wants his boys to buy high-priced land and go 'head over heels' in debt, and slave all the days of their life to pay for forty or eighty acres. I want to ask the farmer who lives on high priced land 'how did your father and grandfather get their start? You know they got it by coming to the country when it was new—when land was cheap. Even you may have a good farm—but what about the young people? Furthermore, if you own 160 acres in this country you could buy five times that in the Falfurrias district, and you could take it easy the rest of your days—where now you have to work like a slave and your wife has to do the same to keep up the farm. The increase in value in land at Falfurrias would be more each year than the profits on the crops where you now live—and the crops at Falfurrias pay from five to twenty times as much as yours. Don't you think you owe it to yourself and family to at least investigate the wonderful Gulf Coast country at Falfurrias which you have heard so much about. All the other land companies in the Gulf Coast country are asking \$25 an acre for land. We offer you as good or better land now at \$15 per acre, and we have a tract of 70,000 acres to select from. One reason we sell cheap is that we own the land we offer, and another reason is we have to live among the people we sell to and we want them to prosper and are giving them every opportunity we can. We want good people to settle in our country and we're getting them. Every man who comes to Falfurrias does well. We help them and see that they do well, because if their land increases in value ours becomes more valuable and eventually it pays big, in dollars and cents, to say nothing of the good we may do. I want every reader of this paper to send for our book, Facts From Falfurrias Fertile Fields. It is free, and is chock full of interesting reading about this wonderful new country where thousands of farmers who formerly lived in the north, are now living and making a splendid home for their families. The publishers of this paper request every one of its readers to send to G. R. Speilhagen, Vice-Pres. and Manager, Falfurrias Immigration Co., 3 West Tenth St., Kansas City, Mo., for the above mentioned book. The Falfurrias Company is made up of men who are trying to develop their country and are all gentlemen of excellent standing, fully able and willing to carry out their promises. Read the advertisement which Mr. Speilhagen has in this issue and write him at once.

100 CHESTER WHITE  
March Pigs and More Coming

Sired by such noted boars as Pioneer, Neponset Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

E. L. NAGLE & SON.  
Deep River, Iowa

WE HAVE  
5 Young Galloway Bulls

EXTRA GOOD, RECORDED.  
Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks, cockerel or pullet mating, \$2.00 per 15.

W. W. SCHOLES, ONAWA, IOWA

FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion, will weigh 1,800 lbs., a worker and sound, coming five years old.

Buy from the breeder, not the dealer.  
BERT FRY, PLAINFIELD, IOWA

STEERS FOR SALE

286 HEAD well bred steers, the low down blocky kind, dehorned; weight 600 to 1,150 lbs. Must be sold at once. Call on or write.

H. I. BALL, FAIRFIELD, IOWA

C. M. Dewey, Shannon City, Ia.

FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Fall boars by Proud Advance and Teddy II. Few sows bred to Ohio Chief II for summer farrow. Write or visit.

FALL BOARS

BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher Again. Price reasonable.

W. J. Prather, Russell, Iowa

HORSES. Best Home-Bred Registered Percheron and English Shire stallions at \$250 to \$500 at my stable doors. W. H. Schnelle, Lemonville, Mo.

10 Points to Consider When You Buy A Buggy.

Buy direct from the factory. My \$45 Knox Special Top Buggy is sold that way. No dealer's profit for you to pay. No salesmen or jobbers for me to pay to sell my buggies. I sell direct to you. Get my Knox Buggy on 30 days' trial. Use it a month, test it in every possible way, and send it back if not satisfied. And I will pay the freight both ways.

Be sure your buggy is guaranteed by a reliable maker. I guarantee the Knox for two years. That is another advantage of dealing directly with me.

My \$45 Knox Top Buggy is a comfortable rider. It has a wide, roomy seat. That very same buggy at your



local store sells from \$75 to \$90. So you easily save \$30 in jobber's and dealer's profit.

The body is 24 inches by 54 inches. The gear is oil tempered. Long distance, full clipped axles. Easy riding spring. Full plated reaches.

The shafts and wheels are guaranteed to be split hickory. Oval edge tires.

My Knox buggy is handsomely painted and tastily upholstered.

It has a four bow leather top. In short, it's the leader of my big line of buggies, carriages and vehicles of all kinds. Remember, I sell them all straight from shop to buyer, guaranteed, and a big saving to you.

Send for my big buggy book. It's free. Tells more about my line. But order my \$45 Knox Buggy now, right from this advertisement. You are safe. Address

R. M. Knox, President,  
Western Harness & Supply Co.,  
613 Commercial St., Waterloo, Iowa.

P. S. Have been advertising in The Iowa Homestead for six years.



DISPERSION  
OF THE .....

# Clover Blossom Short-horns



Imp. Nonpareil Victor

**CLOVER BLOSSOM WIMPLE**

Dark roan; calved Jan. 26, 1903. Bred by Geo. Bothwell.

Dam.

Sire.

Breeder of Sire.

Got by Imp. Nonpareil Victor 132573...J. D. Willis  
 Imp. Winifred 4th ..... Scottish Archer 117301.....A. Cruickshank  
 Winifred 2d ..... Gravesend 98361.....A. Cruickshank  
 Winifred ..... Vermont 78225.....A. Cruickshank  
 Wimple 12th ..... Golden Prince 64901.....S. Campbell  
 Wimple 12th ..... Royal Hope 58579.....Mr. Pawlett  
 Bull calf at foot got by Golden Lavender. A show calf of show age.

**IMPORTED ETHEL**

Roan; calved July 23, 1900. (Vol. 52, p.) Bred by Geo. Donaldson, Auld-

Dam.

Sire.

Breeder of Sire.

Got by Proud Victor 175792.....A. Mair  
 Lily of Netherdale ..... Highland Chief 180307.....W. Duthie

Imp. Nonpareil Victor, sire of the champion, Nonpareil of Clover Blossom, and Grand Victor, sire of his dam, are the sires or grandsires of the greater part of the herd. They were the bulls that produced my show material for 1900 and 1901. Two greater sires never did service in one herd. I desire to call attention to Golden Lavender, Grand Victor's greatest son. His dam was Imp. Sittytton Lavender 6th. Imp. Ethel, Imp. Winifred 4th, Maid of Honor, Clover Blossom Wimple, Sweet Rose, a Marsh Violet and others, many being descendants of these. I am making an absolute dispersion and invite you to come and see the cattle. If they please you, buy. Your price is mine. Write for catalog, any way, mentioning this paper.

**GEO. BOTHWELL,**

Cols. Bellows and Graham, Auctioneers.

**NETTLETON, MISSOURI.**

Hamilton is on Main Line C. B. &amp; Q.

**... AT HAMILTON, MISSOURI, MONDAY, APRIL 22D ...****AT McBRYDRE'S SALE BARN****10 BULLS---CRUICKSHANK, SCOTCH, SCOTCH TOPPED---SEE GOLDEN LAVENDER****50 FEMALES---CRUICKSHANK, SCOTCH, SCOTCH TOPPED---SOME IMPORTED****37 COWS SELL WITH CALVES AT FOOT OR ARE 37****SOON DUE TO CALVE****GOLDEN LAVENDER 222970**

Red; calved March 24, 1902. (Vol. 50.) Bred by Geo. Bothwell.

Dam.

Sire.

Breeder of Sire.

Got by Grand Victor 115752.....Joseph Duncan  
 Imp. Sittytton Lavender 6th.....Pride of Morning 120551.....Wm. Duthie  
 Lavender 46th ..... Dunblau 65995.....A. Cruickshank  
 Lavender 20th ..... Pride of the Isles 45274.....A. Cruickshank  
 Lavender 12th ..... Count Bickerstaffe 2d 26010.....Col. Kingscote  
 Lavender 8th ..... Brian Boru (17440).....T. Barnes  
 Lavender 7th ..... Friar Tuck (14578).....C. R. Tempest  
 Lavender 2d ..... Eclipse (10186).....J. Wilkinson  
 Lavender 2d ..... Queen's Roan (7389).....J. Wilkinson  
 Lavender 1st ..... Will Honeycomb (5660).....J. Beetham  
 As satisfactory a breeding bull as ever did service at Clover Blossom Farm.



Golden Lavender 222970

Princess Josephine 3d.....Calderwood 180305.....S. Campbell  
 Princess Josephine ..... Heir Apparent 75300.....J. W. Courtney  
 Rapid Josephine ..... Rapid Foggathorpe 67371.....Lord Polwarth  
 Josephine 2d ..... 2d Heir of Englishman 58627.....W. S. Marr  
 A typical Short-horn cow with helper calf at foot by Golden Lavender.

**VICTOR CONQUEROR**

Red; calved July 21, 1907. Bred by Geo. Bothwell.

Dam.

Sire.

Breeder of Sire.

Got by Nonpareil Conqueror 222971.....Geo. Bothwell  
 25th Linwood Victoria.....Lochiel 119976.....W. A. Harris  
 18th Linwood Victor ..... Canute 106716.....W. A. Harris  
 13th Linwood Victoria.....Craven Knight 96923.....A. Cruickshank  
 6th Linwood Victoria.....Baron Victor 42824.....A. Cruickshank  
 Victoria 53d ..... Viscount 18507.....A. Cruickshank  
 Imp. Victoria 51st.....Royal Duke of Gloster (29868).....A. Cruickshank  
 A very fine prospect for a herd bull.

**A Large Shipment to the United States.**

In the course of their frequent shipments to the United States Messrs. Truman give ample evidence that they mean to keep up to the high standard that they have already set. Recently a costly shipment has again been made to the Pioneer Stud Farm, Bushnell, Ill. Among the stallions is a massive two-year-old, Bulwick Lion Heart, from Messrs. Forshaw & Sons' stud. His sire, Leeds Lion (by Nailstone Coeur de Lion) was a horse of some 2,250 pounds weight. His dam, Knighton Flash Girl, also belonged to Messrs. Forshaw, and was a frequent prize winner. Thorney Teamster II., a very good six-year-old stallion, goes from the stables of Mr. Joseph Topham, Thorney, his sire being Thorney Topsman, and his dam Thorney Spot. A beautiful six-year-old, came from Mr. M. Pate, of Ely, Girton Senator, his sire being Markeaton Royal Harold and his dam Scroptou Princess. Another Shire stallion was bought from Mr. W. E. Vawser, March, Marden Lad, a four-year-old by Hertfordshire Lad. He secured a second at the Royal, and numerous firsts at other shows. Mr. J. Wilson, Murrow, contributes a massive four-year-old stallion, Gedney Premier, by Moulton What's Wanted, from Star by Extraordinary. The Hackney stallions number two. One comes from Sir Walter Gilbey, viz., the three-year-old Bouncing Connaught. He is an exceptional goer, and has taken several prizes. The other is a 16h. in. bay, Bally Breeze, bred by the Right Hon. F. Wrench, and he is a splendid walker, with the necessary action. The Shire fillies were an excellent lot. No fewer than five two-year-olds go from the 'Boro' Pen stud of Mr. F. W. Griffin, and Boro' British Queen and Boro' Empress Queen are sisters by the famous Blythwood Conqueror, and are out of the noted prize mare Rokeby Hypatia. Another is Easter Eve, bred by the Hon. Louis Greville, a bay also by Blythwood Conqueror and out of Easter Gift. Boro' Wallflower has also a remarkable strain of blood running through her, for she has as her sire the celebrated horse Hendre Conqueror, by Prince Harold. The last of the five is Orange Blossom, by Boro' Menestrel, sired by the famous Menestrel. Mr. Thomas Gee, Thorney, sends a couple of grand two-year-old fillies, viz., Wrydeland's Queen, sired by Holker Whip and out of Gothic Pansy; and Wrydeland's Gem by Blythwood Hero, out of Wrydeland's Valentine. Mr. Ernest Gee, Thorney, contributes five of excellent character. The three-year-old filly, Elder Bells, is by Buscott Harold, and she has for dam Elder Queen. The others are Elder Buttercup by Knebworth Conqueror, out of Elder Pride; Elder Black Bess by the same sire, out of Tolworth Regina; Elder Bessie by the same sire out of Elder Gift; and Beachendon Caronia by Thrupp Rival, out of Beachendon Diamond. Mr. C. Morbey has parted with the following: Two-year-old fillies: Beechurst Primrose by Moulton Ringleader, out of Sheldford Sash; and Beechurst Beauty by Locomotion, dam Tintbury Bounce; four-year-old mares, Barrow Gem, sire Condon Harold; and Dogsdjke Duchess, sire Moorland Paxton. There are a trio from the Bury stud of Mr. John Bothwell, all fillies, viz., Bury Breeze, a

two-year-old, sired by Tom VII; Bury Bangle, a three-year-old by New King; and Bury Dolly, sired by New King. Mr. H. H. Truman, of March, also despatches the following: Mare, March Flower, sire St. Albans, which was purchased by Mr. W. Bellamy, of Wimpington, for 400 pounds, and her dam is by Helmdon Emperor, who was bought some years ago by Mr. J. H. Truman from the late Queen; two-year-old fillies, March Rose, sire Normoor Statesman, dam Bury Rose; March Blackbird and March Ladybird, both sired by Mr. Truman's old horse Ben

Bolt. The following quartet have been obtained from Mr. W. E. Vawser, March: fillies, March Whitefoot, sire West Fen Harold, dam West Fen Beauty; March Diamond, sire Clumber Fashion, dam West Fen Diamond. Altogether about forty were shipped. (From the London (England) Live Stock Journal. March 22, 1907.)

Gulford, Missouri is coming right to the front in its live stock interests. One of the breeders of Poland Chinas, who will be heard from in the near future is Mr. B. O. Hunt, of

Ravenwood. He has gotten together a nice bunch and will undoubtedly make the business profitable for himself as well as those who secure any of the results of his breeding. Mr. J. D. Gates, a neighbor, is also well known in that community as a breeder of Poland Chinas. He is fitting some hogs for fall fairs now and his past experience as an exhibitor warrants the statement that he will have some good stuff in the pens at show time. Sometime in the fall he is expecting to have a sale and it will undoubtedly contain some very attractive numbers.



GERMAN COACH STALLION OZON 3311

A 2 year-old, coming three, German Coach stallion, owned and for sale by Peter Hopley & Son, Lewis, Ia. He is a good mover and will weigh 1,500 pounds. He is only one of the many now quartered in the Hopley stables. He is a top notcher and will be priced right.



POLAND CHINA HOGS.

45

**POLAND CHINA BOARS**

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

**WM. RAY & SON,**

**DEFIANCE, IOWA.**

45

**Around Sheridan, Missouri.**

Recently a representative of this paper called on Mr. D. R. Richabaugh, of Sheridan, Missouri. He found the herd of Short-horn cattle, headed by Acorn Prince, a pure Scotch bull of great quality and conformation and held in high estimation as a breeder. The cows are all Scotch topped and a nice, smooth bunch. A few young bulls are for sale. Another good herd of Short-horns in this vicinity is that of Mr. Edward Gates. His favorite breed of hogs is Poland China and contains some choice stock. A sow shown from this herd last fall won second at the Iowa State Fair and at the St. Joseph Interstate Fair. The cattle are doing well and the herd is headed by a good Scotch bull. One of the prosperous Hereford breeders of north-west Missouri is Mr. Jesse Engle, of Sheridan. His herd of sixty head makes a fine collection to pick from. At the head is one of the best bulls in that territory and some of his get will be for sale in the near future. For the man looking for good stock Sheridan is a good place at which to drop off.

**More of the Dispersion of Bothwell's Clover Blossom Short-horns.**

We again wish to call the attention of our readers to the dispersion sale of the Clover Blossom herd of Short-horns, owned by Mr. Geo. Bothwell, of Nettleton, Mo., which will be held at Hamilton, Mo., on Monday, April 22d. In all, sixty lots are cataloged and that it is a breeders' sale and a sale of breeding cattle is seen by the fact that over fifty of the entire offering are cattle that have been bred by Mr. Bothwell, and that thirty-seven sell with calves at foot or are soon due to calve—thirteen are yearling heifers and ten are bulls. To the prospective buyer this should mean much, as it will be remembered that when on the fair circuits of 1900 and 1901 Mr. Bothwell was showing cattle of his own breeding. Last week we made mention of the bull end of the offering which is headed by Golden Lavender, one of the greatest bulls to go through a sale ring this year. This week we shall deal with the female section of the offering, and in so doing are reminded of the sensational heifers, Queen of Beauty, Breeder's Dream, Wilhelmina and others (that with the junior champion bull, Nonpareil of Clover Blossom, and Nonpareil Hero, the first-prize winner at all the leading shows) were the get of either Grand Victor or Imp. Nonpareil Victor, the two herd bulls to which the Clover Blossom herd is indebted for so much of its popularity and the many good things that are found there. Over one-half the cattle in the sale are the get of these bulls and breeders will find much to select from. Mr. Bothwell in the latter part of the 90's made an importation and some of those imported cows have been important factors in building the herd, but not so much so as Imp. Nonpareil Victor that was selected personally by Mr. Bothwell from Mr. Duthie's herd, where he had done some service. Mr. Duthie later offered Mr. Bothwell good advance, as the calves got by Nonpareil Victor were of great promise. Of the imported cows that sell, the one that should please the most exacting is Imported Ethel, that was bred by Mr. Geo. Donaldson, of Netherdale, Scotland. She is a six-year-old cow and was got by a son of Imp. Nonpareil Victor that was out of a granddaughter of the great Star of Morning. Imp. Ethel's dam, Lily of Netherdale, traces close to such sires as Elocutionist, Gravesend and Heir Apparent. Imp. Ethel will be found an ideal Short-horn cow, carrying beef from the hoofs up and swinging an udder that would delight the strongest advocate of the heavy-milking sorts. She sells with heifer calf at foot that was got by Golden Lavender. The lucky purchaser of this pair will find he has in them the kind so much sought after and so seldom found. Both are good roans. Imp. Winifred 4th and her six-months-old heifer calf by Golden Lavender will be found a profitable pair to buy, as this has been one of Mr. Bothwell's best producing cows. She is a full sister to Watchword, winner of first prize both as a yearling and two-year-old at the Highland Society shows, and was also the dam of Collynie Wimple, Queen of Honor and Wilhelmina, all prize-winning heifers. Imp. Winifred 4th was got by Scottish Archer, he by Cumberland by Pride of the Isles. Scottish Archer's dam was also by Pride of the Isles and out of a daughter of Champion of England. Imp. Winifred 4th's dam, Winifred 2d, was got by Gravesend, a grandson of Pride of the Isles, and her dam, Winifred, is a granddaughter of Lord of the Isles. Two of her daughters, Maid of Honor and Clover Blossom Wimple, will also be found desirable. Both were got by the great Imp. Nonpareil Victor and are five and four years of age. Maid of Honor is due to calve by sale day to the service of Golden Lavender. She has a yearling bull (Lavender's Favorite) in the sale. She is one of the good kind and a producer. Clover Blossom Wimple is the four-year-old and possibly as great a producing cow as is owned at Clover Blossom Farm. Her yearling son, Lavender's Best, and the five-months-old bull by Golden Lavender that sells with her, will prove the assertion. The man who buys the pair will get a show bull and a future herd bull. A fine Lavender cow is Keep Safe, a four-year-old daughter of Grand Victor and Imp. Sittytton Lavender 5th that was got by the great Pride of Morning and out of Lavender 46th, a granddaughter of Roan Gauntlet and Pride of the Isles. She sells with heifer calf at foot by Nonpareil Conqueror. This pair will show for themselves on sale day. Nonpareil Queen, a full sister in blood to the champion, Nonpareil Hero, being by Imp. Nonpareil Victor and out of Grand Nerissa 4th by Grand Victor, is another desirable one. She is heavy in calf to Nonpareil Conqueror. A number of females by Imp. Wanderer's Last are also good things to buy. Imp. Wanderer's Last was bred by Mr. W. S. Marr and is of his famous Missie tribe. A few by other sires are also

50

**Poland China**

**BRED SOWS.**

**Tried Sows, Fall and Spring Gilts**

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93281, Chief Perfection 1st 48029 and Challenger 81225, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

**J. L. SLICK, Route 3,** Lanark, Ill.

On C. M. & St. P. R. R., 120 miles west of Chicago, 20 miles east of the river.

45

**Willowdale Herd.**

**Fancy Poland Chinas.**

**Young Stuff of Both Sexes For Sale.**

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

**HARRY R. SMITH,**

**Maynard** - Iowa

**WILCOX HAS BRED SOWS FOR SALE.**

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

**10 GOOD FALL BOARS**

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

**GEO. E. PATCH,** Blundinsville, Illinois.

**POLAND CHINA BOARS**

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

**25 BRED SOWS.**

DUE to farrow in March and April. Sired by Michigan Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed.

**M. G. Arnold,** Strawberry Point, Iowa

**HEREFORD CATTLE.**

**WILLOW GROVE**

**HEREFORDS**

(COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiously 4th, The Grove 3d, Hesiod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

**...HEREFORDS...**

**40 YEARLING** bulls, also cows and heifers. Must be sold to make room. No better at any price; you can get bargains here. Also young Percheron stallion for sale. Address,

**Hugh Park Stock Farm, Independence, Ia.**

**Breezy Park Herefords**

Young bulls of serviceable age, from 15 to 30 months, sired by Lord Southington, son of Southington (Imp.). Write me.

**H. C. CUNNINGHAM,** WESTON, MO.

**HAVING SOLD MY FARM**

I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stuff, and will be priced right to a quick buyer. Write me.

**E. H. DANCER,** Lamoni, Iowa

**Table Backed Herefords**

FOR SALE—20 two-year-old heifers, bred; 30 bulls, ages from 10 months to 28 months; 19 two-year-old bulls at Laramie, Wyo. Prices low; try me.

**W. W. WHEELER,** Harlan, Iowa

**40 Choice Hereford Bulls**

**40 Choice Bred Heifers**

RANGING in age from twelve months to two 1/2 years. All sired by prize-winners.

**EDMONDS, SHADE & CO.,** Kingstley, Iowa


**MAPLE LAWN HEREFORDS**

FOR sale, (Imp.) Isam 145738, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals.

**A. F. HAGER,** AVOCA, IOWA.

listed. The American-bred sorts are fully the equal of the Scotch sorts and from two to five Scotch crosses will be found in each pedigree. It was the cross of Grand Victor and Imp. Nonpareil Victor on the Rose of Sharon, Princess Goodness and White Rose tribes that produced so much good show stuff for Mr. Bothwell. For the past two years Mr. Bothwell has been operating a profitable dairy business, milking these Short-horn cows and demonstrating that it pays to look to the milking end of the cow. This is greatly in the buyer's favor and should also prove attractive to the man hunting the so-called dual-purpose sort, as Mr. Bothwell can show some extraordinary milk cows among these high-class Short-horns. The man who wants a bull from a heavy-milking dam will find him here. See page 28 for Mr. Bothwell's advertisement and if you have not already received a catalog write for one, study the breeding and if in the market for some good Short-horns arrange to be with him sale day. Kindly mention this paper when writing.

**HEREFORD CATTLE.**



**8 Young Bulls for Sale**

from 6 to 14 months old, sired by

**BEAU BRUMMEL 4TH**

Also a few cows and yearling heifers for sale. Popular prices for high-class stock. Address

**G. W. WAY & SON,**

New Sharon, - - - Iowa

Call at Way's Hardware Store for free conveyance to the farm.

**BEAU DONALD HEREFORDS**

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

**John Secor,** - **Mechanicsville, Iowa**

**TWENTY-FIVE**

**Beau Donald Bulls** Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cadillac, Archibald and Hesiod cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once.

**A. SPOONER,** - **MONDAMIN, IA.**

**TWENTY-FIVE**

**CHESTER WHITE HOGS.**

**MAPLE GROVE CHESTER WHITES.**

BOARS of May farrow, weighing 125 to 150 lbs. for sale at \$20 to \$25; also some very good gilts bred or open. They are sired by Prince O. K., a prize winner at Illinois, Iowa and Inter-State Fair, Sioux City, '05; Fisher Medium II, best son of Fisher's Medium, 1st prize Ill. State Fair, '05. Send in your orders at once for extra good stock at reasonable prices. Can ship pairs or trios not akin. Ernest L. Mear, R. R. No. 1, Neponset, Illinois.

**EVERYTHING SOLD FOR THE PRESENT.**

MODELER 13235 at Head of Model Herd of Chester Whites.


—Write for descriptive catalog.—

**W. F. HEMMERLING,** - **DIKE, GRUNDY CO., IOWA**

**Bluff Road Herd of Pure Bred Improved Chester White Swine.**

I NOW have for sale some good fall pigs, and am looking orders for spring pigs to be shipped at three months old.

**D. H. LEWIS,** - **R. F. D. 6** - **GENESE, ILLINOIS.**



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keiser and Perfection.

**FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.**

**IMPROVED CHESTER WHITE SWINE.**

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy. Billy Boy 4523, a grandson of Luverne King 12757, heads the herd. Address,

**John H. Krehbiel,** - **Donnellson, Iowa**

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarr, Salem, Iowa.

When writing to advertisers please mention this paper.

**Chester White Spring Pigs All Sold.**

GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop.

**MAPLE LAWN FARM, W. M. Mercer, Prop., Aurora, Ill.**

**Iowa Herd Chester White Swine**

SOLD out of 1906 crop. Now looking orders for spring farrow. Send your order early and get the best.

**GEO. H. LAWSHE, R. R. No. 3,** - **Harlan, Iowa**

**JERSEY CATTLE.**

**EMANON** was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

**HUNTER & SMITH,** - **BEATRICE, NEB.**

**POLLED DURHAM CATTLE.**

**Botna Valley Herd Double Standard Polled Durhams**

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, **JAMES WILSON & SONS, AVOCA, IOWA**

**ABERDEEN ANGUS CATTLE.**

**Holbrook Aberdeen Angus Breeders.**

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

**10 Aberdeen Angus BULLS FOR SALE.**

**Twelve to Fourteen Months Old.**

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

**John E. Griffith,**

**WASHINGTON,** - **IOWA.**

(Mention Homestead.)

When writing please mention this paper.

**H. A. Eveland & Son, Jamaica, Guthrie County, Ia.**

**Young Angus Bulls and Females.**

HERD headed by Patriot Boy 71682 by Proteron 36980. We have a number of young bulls 9 to 16 months old, one a show yearling. Also some cows and heifers of leading families. Farm seven miles from town. Call or write.

**PLEASANT HILL ANGUS.**

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

**J. Nissen, Meservey, Cerro Gordo Co., Iowa**

**ABERDEEN-ANGUS** bulls for sale, of the fashionable families. Queen Mother, Erica and Drumm Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.



## JACKS.



## Pike County Jack Farm



**BOWLING GREEN, MISSOURI,**

**OFFERS**

**75** Great big Mammoth Black **75**  
**JACKS**

**25** **JENNETS** **25**  
Some With Jack Colts

I will not make a Public Sale, but will sell at bargain prices. The Jacks range from 14½ to 16 hands high. Come and see them. You will be met at the station if you notify me of your intended visit. \* \* \*

**LUKE M. EMERSON,**  
**BOWLING GREEN, MISSOURI.**



Bowling Green, Missouri, is on  
Main line Chicago & Alton and  
St. Louis & Hannibal Rys.



## FOR SALE.

GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



### ABERDEEN ANGUS CATTLE.

## WHEATLEY AND WARD'S —ANGUS CATTLE— Bulls For Sale

NOT by Mapelhurst Proteros 47351, Hale Lad 24 42497 and Gardner's Pearl Rosegay 52837 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Tulloch and other families of cows. Write us.

**WHEATLEY & WARD,**  
King City, - Missouri

## Paradise Stock Farm's ANGUS BULLS

PRIDE'S Albion 5th, 53114, my double Pride herd bull is offered as I retain so many of his heifers. Also a number of young bulls, several by him. Would also price females right. Write me.

**W. F. Eckles,** - Green City, Mo.

### POLLED DURHAM CATTLE.

## DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 life Knight X 1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

**SHAWER & DEUKER,**  
Kulona and Wellman, Iowa.

## F. A. MURRAY, MAZON, ILL.

Breeds **POLLED DURHAMS.**

STOCK that will please you at prices you can afford to pay. **SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.**

## Double Standard Polled Durhams.

FOR SALE—Two extra fine coming two-year-old heifers, mired. Good colors and choice breeding. Have rented my farm and must sell. \$80.00 each if taken at once. Address,  
**W. E. LOUGHARY,** PACKWOOD, IA.

## KENTUCKY BRED

**75 Kentucky Bred and Imported Jacks For Sale.**

We have more good jacks than any two firms in the United States. Come and see, or write for catalog. Mention this paper.

**J. F. COOK & CO.,**  
Lexington, - Kentucky.  
Or Branch Barn, Newton, Kansas.



## Jacks for Sale.

**25 Black Jacks**

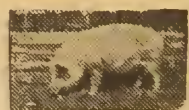
FROM 1 to 6 years old, as good as bred. I make a specialty of size, heads, ears, bone, foot and constitution. Write or come at once.

**G. M. SCOTT,**  
Rt. 2, - REA, MO.



### LARGE YORKSHIRE HOGS.

Large, Improved English Yorkshire Swine.  
**F. Rabeler, Prop., Leigh, Neb.**



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations. Oak Lodge Minstrel 5th 1855 and O. L. Fusilier 6443, two imported boars and Hanover Emperor 7038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now booking orders. Write us at once.

### SHORT-HORN CATTLE.

**SHORT-HORN BULLS—POLAND CHINA SOWS—EGGS**—Two young red Scotch Topped bulls ready for service, also three heifers. Sows bred to Hustle On, Perf. Spellbinder and an Impudence boar for April and May farrow. Eggs \$1 per sitting from S. L. Wyandottes and S. C. B. Leghorns. Write or visit. Fred Ebendorff, Strawberry Point, Iowa.

## QUEEN MILLS HERD SHORT-HORNS.

**HAMPTON'S COUNSELOR 264533.**  
ONE of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address,  
**G. H. WHITE,** - EMERSON, IOWA

### SHORT-HORN CATTLE.

## SPRING BULL BARGAINS

7 **SCOTCH AND SCOTCH-TOPPED** Short horn bulls for sale at modest prices, one of which would make a valuable herd header for anyone engaged in the cattle business. Some are by Goldman, some by Melba's Victor, one by Viola's Prince. Among the Scotch bulls is one red show bull, 14 months old, by Goldman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford. Address,

**A. L. STUTZMAN,**

**NEW SHARON,**

**IOWA**

Mentioning The Homestead.

## 9 Cruickshank Short-horn Bulls

For Sale

**S. H. THOMPSON'S SONS,**  
**IOWA CITY, IOWA.**

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

## SHORT-HORN HERD HEADERS

**Cookson Bros., West Branch, Iowa,**  
**Breeders of Scotch Short-Horn Cattle.**

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## HUGHESDALE REAL DUAL SHORT-HORNS PURPOSE

HOME of Towens 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anokii, champion show and breeding bull of America for 3 years heads herd. Write me. **H. J. Hughes,** - Trenton, Mo.

## ARDMORE SHORT-HORNS.

**10** Scotch and Scotch- **10**  
**Topped Bulls For Sale**

SURED by Imp. Scottish Pride 128543 and Imp. Lord Mount Stephen 208904. Good quality from prize-winning stock, and priced right. Also a few good cows and heifers in calf to the herd bulls for sale. Address,

**ARDMORE STOCK CO.,** Iowa  
**Holstein.**

## Bulls For Sale

THE Iowa State College is offering for sale one good Short-horn herd bull coming three years old; five Short-horn bulls coming one year old; three yearling Red Polled bulls and one Holstein coming one year old. All of good breeding, good individuals and at reasonable prices. Address,

**Iowa State College, Division of Agriculture,**  
**AMES,** - **IOWA.**

## WILDWOOD SHORT-HORNS ALL REDS AND DEHORND.

**15** SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,  
**W. W. VAUGHN,** - Marion, Iowa

## Wayside Short-horns

**100** HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopful Knight. Bulls for sale at all times.

**G. H. BURGE,** - MT. VERNON, IOWA.

## CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, **J. H. MOYER,** - Newton, Iowa

## 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.  
**C. W. DAWES & SON,** - Harlan, Iowa

## BEAVER CREEK SHORT-HORNS.

**SCOTCH BULLS** for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,  
**N. A. LIND,** - Rolfe, Iowa

## FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,  
**M. D. YARD,** - Crawfordsville, Iowa

**Walnut Grove Short-horns & Poland Chinas** CLEAR The Way 231482, winner 1st in 2-year-old class and 1st as Ja. Chinn, Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunday 82621, a very large boned hog of equal merit. Young stock for sale. **J. T. Judge,** Carroll, Iowa.

**G. H. George,** Monticello, Ia., breeder of Scotch Short horn cattle and Standard bred trotting horses. The Scotch herd and show bull Hingwater is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

## BACH GROVE STOCK FARM.

**F. H. ZENOR, WOOLSTOCK, IOWA**  
—Breeder of Short-Horn Cattle.—  
Families represented: Princess Royal, Duchess of Gloster, Mysie, Ioan Bess, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804.

**SCOTCH SHORT-HORNS.** For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

## NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

**ISAAC A. NOVINGER & SONS,**  
**Kirksville,** - **Missouri.**

## Cruickshank Bulls

WE have thirty Short-horn bulls for sale. One Lavender, two Mysies, four Brawith Buds, five Victorias, five Duchesses of Glosters, four Secrets and others of best Scotch blood. All reds; low down, beefy fellows, ready for service.

**I. BARR & SON,**  
**Davenport,** - **Iowa.**

## CATALOG Of Young Bulls For Sale Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

**FLYNN FARM COMPANY,**  
Room 316 Flynn Building,  
**Des Moines,** - **Iowa**

## SCOTCH BULLS FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

**E. FUNKE,** GREENFIELD, IOWA.

## SCOTCH BULLS

Got by  
**IMP. MUTINEER 172547**

MUTINEER is of Marr's Missie tribe and was got by Raption Chief and out of Imp. Missie, 167th dau of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

**A. C. BERRY,** - Unionville, Mo.

## Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ron Archer heads herd. Write for private catalog.

**W. H. SCHAFER,**  
**KEANSBURG,** - **ILL.**

## PLAIN VIEW STOCK FARM.

**SHORT-HORN CATTLE AND DUCO JERSEY S HOGS.** Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

## JONES CO. HERD OF

**SHORT-HORN CATTLE** {Sittiton Sort 172649  
Wampus of Way-  
sile 248046  
We have one red roan bull, two years old in Jan. for sale. He will make a good bull for someone. Write for prices and descriptions. Address, **G. P. Tyrrell & Son, Props.,** Oxford Junction, In.

## SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. **P. S. & S. Barr,** Box 11, R. 4, Davenport, Ia.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland Chinas Hogs.  
**Jas. E. Stephenson,** Alburnett, Iowa  
Otter Creek Stock Farm.

## WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 475 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.



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# Watson, Woods Bros. & Kelly Co. Lincoln, Neb.

One of the oldest importing firms in America have in their stables, at Lincoln, Nebraska, 60 head of the best Percheron, English shire, Belgian and Hackney stallions. Mr. Watson is in Europe constantly buying 50 head more will arrive soon. This firm are careful in their selections, buying only the best stallions and selling them at a very small profit. We give our customers the lowest possible price, the very best of stallions and a guarantee that you know is absolutely good and backed up by a reliable firm. Write for pictures.

LINCOLN HOTEL BUILDING

Lincoln, Neb.

## RED POLLED CATTLE.

### Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Ivera, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 N. I.

### THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## RED POLLED CATTLE.

30 HEAD in herd, Irwin \$253, an international prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1208.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once. Virginia, Neb. OTHO BOYD.

Joseph Kestel. John Schrotberger.

## Red Polled Cattle

WITH the sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

## SHADY LANE

HERD of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. SHARP, MARBLE ROCK, IOWA. C. M. & St. P. and C. R. I. & P. Rys.

RED POLLED CATTLE FOR SALE. Both R sexes, at reasonable prices. Frank L. Pim, Lucas, Iowa.

## BERKSHIRE HOGS.

# Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

Address, GEO. S. PRINE, Oskaloosa, Iowa

## 1907 Crop of Berkshires at Chapel Hill.

THE spring crop of big-boned English Berkshires time, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows here, only to find me entirely sold out. I would say "get your orders in early for the present crop." Address, W. D. McTavish, Coggon, Iowa

Mention The Homestead when writing.

## BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address, E. H. DANCER, Lamoni, Iowa

## DUROC JERSEY HOGS.

## 25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices. F. M. Erschen, Odell, Ill.

## CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

## WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Berea, Neb.

## SPLITTING boars sired by fancy Crimson Wonder.

Prize for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. W. A. Kirkpatrick, Lincoln, Neb.

## CHOICE, YOUNG DUROC JERSEY HOGS

OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Hameston, Iowa.

## L. H. ROBERTS & SON, PATON, IOWA.

CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

## DUROC JERSEY HOGS.

## 15 OCTOBER DUROC BOARS 15

Sired by CARLINVILLE CHIEF, by CHIEF OF OHIO, (litter mate to OHIO CHIEF) out of sows by KANT BE BEAT, JAY'S ONWARD (litter mate to GOLD CLOUD champion Illinois State Fair 1904), CRIMSON CHIEF and others of equal note. One April boar by PROUD ADVANCE. One July boar by Kruger 11 by Kruger.

Prices Range From \$20.00 to \$40.00.

Write if you mean business.

COMER & GILLILAND, CARLINVILLE, ILL.

## PENNYRILE HERD OF DUROCS.

HOME of Commodore 1331, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address, AMOS W. HARRIS & SONS, WAVERLY, KY.

## FOR SALE.

THE produce of Tip Top Notcher 20729, Grand Champion Duroc Jersey boar World's Fair, St. Louis, 1904. Good stock shipped anywhere and for sale at all times. Every representation guaranteed.

FAGAN, BROWNING & McCABE, Hersman, Brown Co., Illinois

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come WATT & FOUST, CEDARVILLE and XENIA, OHIO

## BUDDY K. IV ....EVER SOLD AT AUCTION....

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

Mc NEIL BROTHERS, BOWEN, ILL.

## AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

## CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead. U. G. DAVIDSON, MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

## GOLDEN HERD DUROCS Red Oak Herd

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Amhibition, 1st prize boar Ill. State Fair 1905, and Big 1 Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

J. W. TROY & BROS., PROPS., Rosehill, Mahaska Co., Iowa.

## 10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Alix and Redwood Chief. AUSTIN RENSIAW, Blair, Neb.

## 80 BIG BONED DUROC JERSEY RED PIGS 80 FOR SALE.

G. P. TYRRELL & SON, OXFORD JUNCTION, IOWA

THE farmers' kind. The best bunch we have ever raised. Boars and sows. Farmers' Prices.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medcoe, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

## Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL - BLAIR NEB.

## SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

## GREENDELL HERD DUROC JERSEYS.

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited. F. H. HERRING, Kalona, Iowa

Shipping point Iowa City.

## Duroc Jersey Bred Sows For Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. Geo. L. Reed, Sumner, Nebraska.

## Havelock Herd Duroc Jerseys

Nothing now for sale. Best of blood represented.

E. K. YOUNG & SON, Havelock, Neb.

## BRED SOWS and gilts all sold. Ninety nine youngsters to date from 14 sows and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are DUROCS, J. W. Briggs, Alden, Iowa

## Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., iron gray, one of the best horses in the west; four years old; measurements: girth, 7 ft. 11 inches; 17½ hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address, J. S. GOLDER, SCRIBNER, NEB.

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me. G. C. HARRISON, Blencoe, Iowa

## 4 PERCHERON STALLIONS For sale.

One French draft stallion three years old, weight 1,900 lbs, sound and guaranteed breeder. L. C. Barnett, Indianapolis, Iowa

SHIRES, PERCHERONS, BELGIANS--Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

FOR sale, 4-year-old registered Shire stallion, right in every way, good bone, weight between 19 and 20 hundred. W. S. Spear, Stanwood, Iowa.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

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## AMERICAN COLLEGE OF AUCTIONEERING

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ALL BRANCHES TAUGHT. Special Instructors. Illustrated Catalog Free.

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## Col. Judd McGowan Clinton, Illinois.

Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

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AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312

## C. C. KEIL, LADORA, IA.,

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FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs Write for dates, mentioning The Homestead.

## J. P. SPEARMAN, PAPILLION, NEB.

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I am posted on pedigrees and want your sales of cattle, hogs or horses.

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PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

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Sales in six states. Terms reasonable.

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JERSEY CATTLE Bulls, cows and heifers of the best blood of the land.

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When writing please mention this paper.



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# Trumans' Champion Stud

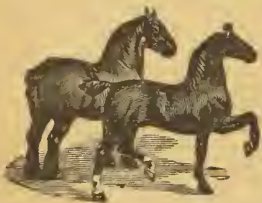
We have the choicest lot of

## IMPORTED SHIRE and HACKNEY STALLIONS

now in our stables we ever owned. EVERY ONE FOR SALE and good enough for any SHOW RING. Thirty-six SHIRES crossed the ocean, arriving at Bushnell April 1. Every one is the "TRUMAN KIND;" you know what that means—matured STALLIONS, weighing 2,300 POUNDS. Don't buy stallions that have been CULLED OVER all fall and winter, but COME TO BUSHNELL and see FIRST-CLASS, SOUND STALLIONS imported this winter and spring.

30 SHIRE MARES FOR SALE. A few PERCHERON and BELGIAN STALLIONS cheap, to close them out. Write for particulars and catalog.

**Trumans' Pioneer Stud Farm,**  
Box 918, - - - Bushnell, Ill.



## TAYLOR & JONES'

New Importation

ARRIVED MARCH 9TH.

Our barns are now filled with imported and home-bred PERCHERON, SHIRE and BELGIAN STALLIONS. Don't you know that PUBLIC SALES of stallions only indicate a cheap lot of trash, or that the sellers are men who CAN'T DO A BARN BUSINESS? Did you ever know a merchant to sell groceries at auction? Would you buy a gold watch at auction? We use no slick salesmen to sell our horses. They are good enough and our reputation so clean that we are selling more horses than ever before, which proves our prices are the lowest, our horses the best and our manner of doing business is satisfactory to our patrons. For catalog address,

## TAYLOR & JONES,

BOX 68,

WILLIAMSVILLE, - - - ILLINOIS.

PUBLIC SALE OF SHORT-HORNS, JUNE 4, 1907.

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home-bred and acclimated, have size, bone, quality, are ruled in pastures, not pumped with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



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Importer and Breeder of

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## FOR SALE. Percheron, Clyde Stallions and Mares

At prices all can buy.  
Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired.

Address, A. H. BRETT,

Mason City, - - - Iowa

## H. LEFEBURE'S

BELGIANS.

BELGIAN STALLIONS

with required weight and

quality. On hand March

27, '07. Also 1 ton black

Percheron, heavy boned,

age 6, Imp. Nov. '06. Eight

miles west of Cedar Rapids,

near electric railway, also

C. & N. W. C. M. & St.

E. railways. Henry Lefebure, Fairfax, Linn Co., Ia.



FOR SALE—FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES. Imported and native-bred, ranging in age from 3 to 6 years old and weighing from 2,100 lbs. to 2,300 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered. C. T. Gallehon, - - - Blair, N. B.

When writing please mention this paper.

## McLay Bros. Clydesdales

Janesville, Wis.

THE RECORD OF PRIZES WON FAR SURPASSES THAT OF ANY OTHER STUD IN THE UNITED STATES.

Twenty-eight prizes at 1906 International. Three champions. Considerably More Than Double Any Competitor. We just as surely outclass all competition for a Choice Young Stallion at a reasonable price. Sixty-five head in stud, imported and home bred. We cater to the very highest class of trade. If interested do not fail to

Send For New Catalog.

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

We will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Chinnipin Bros., Clinton, Iowa

When writing please mention this paper.

## HORSES.

# FRANKIAMS'

"TOP NOTCHERS," largest pair of four-year-old Percheron and Belgian stallions in the United States; weight, 5,080 pounds; winners of first prizes and SWEEPSTAKES prizes (over all) at Nebraska State Fair, 1906. A pair of "NUT CRACKERS"—"IAMS' KIND." Iams' "HORSE SHOW" at Nebraska, Iowa and Illinois State Fairs WAS the "TALK" of the "PEOPLE AND PRESS." His 2,500-pound Percheron, "TRALLALA," defeated the "CHAMPION WINNER," "BIBI," of France at Iowa State Fair. Iams stirred up "THE ANIMALS HERE;" "THEY SAT UP AND TOOK NOTICE" of his WINNERS and SONS OF WINNERS. He HYPNOTIZES buyers with "TOP NOTCHERS" at "LET-LIVE PRICES." "Whoa! SHY ANN." Buy a stallion today, save \$300, and get choice of IAMS' BARN, filled to the roof with

## 75 Percherons, Belgians and Coachers 75

2 to 6 years old; weight, 1,700 to 2,560 pounds; 90 per cent "BLACK BOYS," 50 per cent "TON STALLIONS." All REGISTERED and APPROVED. Mamma, Iams is a HOT ADVERTISER, but he has "THE GOODS." He sells "TOPPERS" at \$1,000 and \$1,500 so good that they need NOT be "PEDDLED" or put on "AUCTION BLOCK" to be sold. He has on his "SELLING CLOTHES;" they fit all buyers. No man with MONEY or BANKABLE NOTES gets away from Iams. He buys, owns and sells more stallions than any man in United States; saves THOUSANDS of DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.



## \$1,000 SAVED AT IAMS \$1,000

KEY! What a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Iams sells "TOP NOTCHERS" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holer." He is knocking "high prices" out of the Christmas tree. Iams saws wood, "butts in," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalog on earth. REFERENCES: St. Paul State Bank and Citizen's National Bank.

## ST. PAUL, - NEBRASKA

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individually given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence. In horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percheron and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landshaftsrat O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best of the country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.

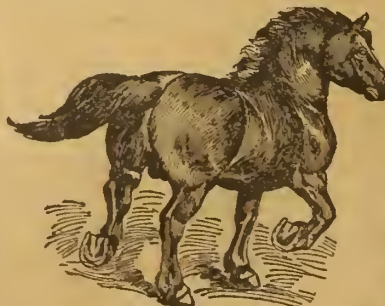
## PINE RIDGE STOCK FARM

Has the highest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 2738, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAYLORBILT P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Born at Moose Jaw, Sask., Can., in charge of E. E. Muxey.

L. M. HARTLEY, SALEM, IOWA.



## FOR SALE AT A BARGAIN

KING WILLIAM 12782.

Registered French Draft Stallion, Foaled June 1899, weight 1,800; also a shire stallion 4 years old, weight 1,700. W. A. JOHNSTON, Prairie City, Iowa

When writing please mention this paper.

JIM MCGREGOR. SENSATIONAL green trotter sold to Billings, owner of Lou Dillon, for two thousand at Lincoln, Neb., last August. We have a grandly bred stallion by same sire, with lots of 2:10 performers close up, we will sell. Write for price and photo. Adm Selmaup, 1234 "O" St., Lincoln, Neb.

When writing please mention this paper.





VOL. LII. NO. 16.

DES MOINES, IOWA, APRIL 18, 1907.

WHOLE NO. 2596

## AMERICAN MEATS ADMITTED INTO GERMANY.

Nothing can be more important to the economic interests of the western farmer than a steady, reliable market for meats at remunerative prices. Every element in such a market is indispensable. The price must be sufficiently high to compensate the producer for all the labor and capital he puts into the finished animal, directly or indirectly. It must cover the cost of transportation and the losses by disease, accident and unfavorable seasons. It must include a reasonable profit. The market must be even, steady and reliable, or the uncertainty resulting from the opposite condition of things will be harassing if not unbearable. There will be ups and downs in any free and unrestrained market, but the fluctuations should be within moderate limits.

Such a market must of necessity be broad-based, covering a large consuming population, so that unfavorable local conditions in one direction may be counterbalanced by favorable markets elsewhere. For this reason, every foreign market added to our great home

market tends to bring about the steadiness and reliability of demand so desirable from the farmers' point of view. Even if the foreign market is not extensive, if it enables us to dispose of a surplus that is clogging and depressing the domestic traffic in meat, it is a boon to the producer.

One of the greatest obstacles the American meat producer has had to contend with for seven years past has been the disposition of the German government to impose harsh and unreasonable restrictions upon the importation of American meats into that country. These restrictions have been established on the ground that dressed meats from the United States were not adequately inspected and were therefore a menace to the health of the German people. Exaggerated statements regarding the prevalence of trichinosis, Texas fever and other disease have been proclaimed in the German reichstag and published in the German press. The government of the United States has dealt vigorously with the question, providing for closer inspection and meeting all the objections of German editors and politicians; but until recently agrarian influences have

prevented the German government from receding from its position.

At last, however, the scarcity of meats in Germany, resulting in prices so high as to cause widespread dissatisfaction and unrest in the cities, has forced the imperial authorities to take a more liberal view of the question. It is now announced at Washington that, as a result of negotiations conducted by our Secretary Root and Baron Speck von Sternburg, German ambassador to this country, Germany has consented to give American products the benefit of the minimum tariff law of the empire and to authorize the admission, upon payment of the usual duties, of American bacon and dressed meat. In return for this concession, Secretary Root has agreed to add sparkling wines to the list of articles named in section 3 of the Dingley tariff act, lower duties on which have been enjoyed under previous reciprocity agreements. The list includes argols, crude tartar, crude wine lees, brandies and other manufactured or distilled spirits, still wines, vermouth, paintings, pastels, drawings and statuary.

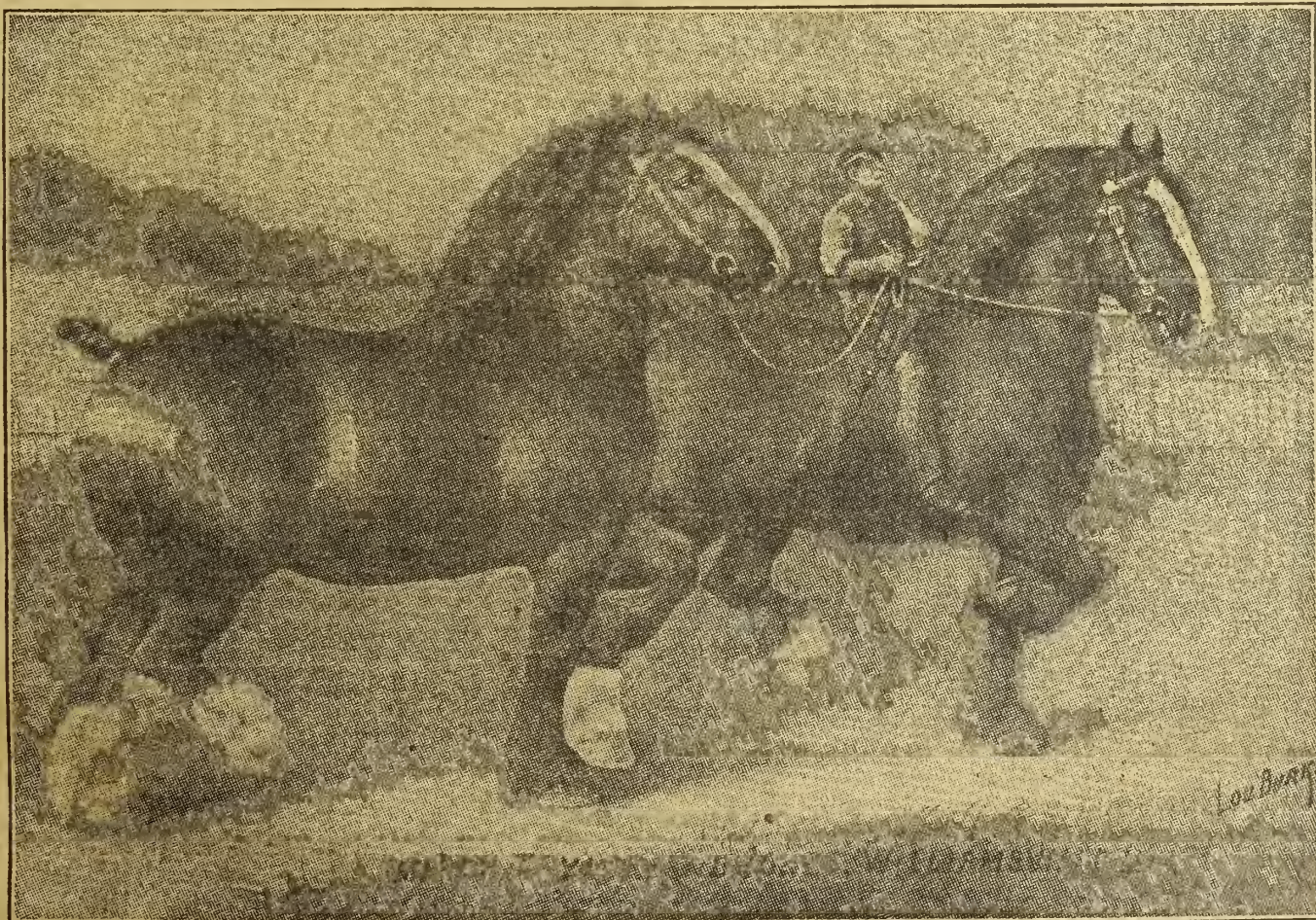
There are still exceptions to the policy of admission, Germany refusing to

admit canned and tinned meats and cattle on the hoof; but the admission of bacon and dressed meat is a most important step in the right direction and it is hoped that other concessions will follow. The new agreement will remain in force one year from July 1 next. During that period, Secretary Root intends to negotiate a reciprocity treaty with Germany which it is hoped will greatly benefit the American producer. In the meantime, the new market thus opened will unquestionably exert a considerable influence in favor of good prices for the products of the American farm.

## AN EXPERIENCE WITH RAPE.

The following communication has been received from the manager of the swine department of the Amana Society of Iowa county, Iowa:

Last spring I seeded about an acre of rape and when it was about ten inches high turned in 125 pigs. They weighed at that time about forty pounds. I turned them on at 3 o'clock one afternoon and left them there about an hour. The next day I did the same thing. The third day I discovered one pig dying. I then considered it advisable to make a close examination, and found that the pigs were all badly blistered behind the ears. The ears were about twice



Prize-winning Shire stallions, imported 1906 by Taylor & Jones, Williamsville, Sangamon Co., Ill. Many prize winners are found in the new importation that arrived March 9th.



as thick as normal, so I went to work and dipped them four times. If I had not done this I believe I would have lost every one of them. The black and red pigs came through in good shape, though the effect of the blistering was more apparent on the white hogs. I have read that rape is apt to do this, but my experience certainly confirms rumors relating to that matter.

We have had a good deal to say about rape during the last few years, but have from time to time called the attention of our readers to the fact that in some instances hogs are apt to be blistered by running in wet rape. The singular thing about it is that one may pasture hogs on rape for several years and not have a single one blistered, and then again this trouble is apt to occur when it is least expected.

We have in mind an instance where in 1906 a bunch of 150 hogs had access to a four-acre field all summer and fall, and upon inquiry we found that not a single hog had been blistered. Of course these pigs also had access to other pastures, though they spent a good deal of time on the rape. It is a very good plan under any circumstances to shut hogs out of rape patches in wet weather, and especially during showery weather when the sun comes out hot between showers.

### GAIN ON HOGS IN STEER FEEDING LOT.

The following communication has been received from a Nebraska subscriber, W. S. Arnold:

I wish you would tell me what would be the probable gain made on hogs running after steers when the steers are consuming from 22 to 24 pounds per head daily. In other words, what would be the gain made on hogs from 100 bushels of corn fed to steers providing, of course, the hogs are given nothing in addition to what they pick up around the yards.

Professor Mumford, of the Illinois Experiment Station, discusses this subject in his recent book on "Beef Production." At that station a car load of two-year-old Short-horn steers were fed from November until June, that is through a period of six months. Their ration consisted of broken ear corn and clover hay. During the period each steer made a gain of 386 pounds. Just enough hogs were used in the yard to consume the waste and it was found at the end of the experiment that for every 386 pounds of gain made on a steer the hogs made a gain of seventy-four pounds.

Every bushel of corn in this instance produced 6.69 pounds of beef and 1.29 pounds of pork.

In another experiment at the Illinois station it was found that ten shoats were about the right number to follow twenty-five steer calves and in still another, twenty-one hogs made good gains after thirty-six steers. When hogs followed steers that were fed whole corn and clover hay, a gain of 3.78 pounds was made on hogs for each 100 pounds of shell corn used, though when ground corn was fed to the steers, the hogs only gained six tenths of one pound for each 100 pounds of meal fed to the steers. From this it will be seen that the gain on hogs that follow meal fed steers is exceedingly small and no doubt it is impractical to feed hogs in this way without giving them some additional grain.

To show the variation in the gain made by hogs following steers, we probably cannot do better than to insert here a table given in Professor Mumford's book which contains the results obtained in ten different experiments at the Illinois station.

Lot No.	Form in which corn was fed.	Pigs per steer.	Lbs. pork per steer.	Pork made per cwt. of corn fed steers, lbs.	Percentage of gain on hogs from corn fed steers, per cent.
1	Silage & corn meal	0.10	6.30	.19	.94
2	Ear corn	0.53	62.60	1.68	9.70
3	Ear corn without nitrogenous concentrates	0.53	74.13	1.89	14.05
4	Corn meal - *	0.27	20.66	.67	3.00
5	Corn meal (hay chaffed)	0.27	20.02	.65	2.86
6	Corn & cob meal	0.27	18.00	.46	2.60
7	Corn & cob meal (hay chaffed)	0.27	24.00	.63	3.34
8	Shock & ear corn	0.60	73.50	1.81	12.72
9	Shelled corn (mud lot)	0.70	85.80	2.79	12.86
10	Shelled corn	0.70	111.50	3.61	16.67

By examination of the column entitled "Pigs per Steer" it will be found that the number of hogs for every ten steers varies from one to seven and that the gains made on the hogs from 100 pounds of corn fed steers varies from .19 of a

pound to 3.61 pounds. We therefore conclude that as the results vary so much as applied to the gain made on hogs and as to the number of hogs that should follow a given number of steers, it must be largely left to the man who is doing the feeding to determine how many

hogs should follow his steers and whether or not they require grain in addition to what they pick up around the yard. Generally speaking, unless one has but few hogs and is feeding steers a long period, it is advisable to give the hogs some grain in addition.

## LAWS PASSED BY THE RECENT GENERAL ASSEMBLY OF IOWA.

No general assembly which ever convened in the state of Iowa passed a larger number of important bills than the Thirty-second General Assembly, which recently adjourned. Some of the laws enacted have been the subject of bitter factional debate, and it is too soon to predict just how they will affect the welfare of the commonwealth.

Among the far-reaching general laws passed were measures prohibiting the giving of free passes; reducing passenger fares to two cents a mile on first-class railroads, and providing for statewide primaries for the nomination of candidates for office.

One of the important measures defeated was the bill providing for a state board of control for educational institutions. Other measures of special interest to farmers were the following:

Appropriation of \$75,000 for a swine barn with show ring upon the state fair grounds.

Appropriation not to exceed \$7,500 annually for experiments in animal breeding and feeding.

Appropriation of \$5,875 to reimburse trustees for funds advanced to purchase a tract of land as an addition to the state fair grounds.

Appropriations for the Iowa State College of Agriculture and the Mechanic Arts are as follows:

For agricultural extension work, annually	\$27,000
For support fund, annually	20,000
For catalogs, annually	600
For equipment of college department	10,000
For constructing heating tunnel system, new boilers, etc.	60,000
For improvement of water system	10,000
For purchase of pure-bred stock	5,000
For walks and grading	5,000
Furniture and fixtures for new hall of agriculture	10,000
For remodeling and engineering hall for structural and hydraulic laboratory	7,000
For machine shop	16,000
For support fund, annually	135,000
For support of the experiment station, annually	25,000
For the support of the engineering department station	3,500
For the purchase of books and periodicals	2,400
For good roads experimentation	5,000

Prohibiting grain combines, trusts or pools by dealers or elevators.

Defining bucket shops and bucket shopping, making it a crime to maintain and operate same.

Relating to joint freight rates over two

or more connecting lines of railway between points within the state.

For the better protection of farm lands from the infection of foul seeds and to require railroad corporations to cut and burn or otherwise destroy certain noxious weeds growing on their right of way.

Requiring railroad companies to construct fences along their right of way subject to approval by fence viewers.

Providing for scales and the weighing of commodities transported in car load lots, and furnishing certificates of weight by common carriers.

Relating to cattle guards at private crossings of railways.

To pay bounty of ten cents for destruction of pocket gophers.

Relating to the purchase of land for county fair societies, giving boards of supervisors power to purchase and maintain.

Providing for the place where ditches and drains shall be located; how appeals shall be tried in appellate courts; for the employment of counsel to represent the drainage district in appellate courts; for the crossing of railroad rights of way; for building of culverts and bridges at the place of crossing and payment of cost thereof; for the assessment of benefits.

Relative to the registration and publication of pedigrees.

Extending exemption of beet sugar factories from taxation until 1917.

Prohibiting fraud in the sale of agricultural seeds, concentrated commercial feeding stuffs and the materials from which they are manufactured; defining concentrated commercial feeding-stuffs and what shall constitute purity in various kinds of seeds; prohibiting the adulteration, and providing for the correct weighing and marking of agricultural seeds and concentrated commercial feeding-stuffs; and providing for the collection of samples, analyses of the same, vesting enforcement in the state food and dairy commissioner.

Relating to the state veterinary surgeon, fixing salary and providing for an office in state house.

To encourage propagation of Mongolian Ring Neck, English and Chinese pheasants and to prohibit the killing thereof.

To require a stamp or label on every ball of binder twine sold, exposed or offered for sale within the state.

### SOME ALFALFA INQUIRIES.

The following communication has been received from one of our subscribers, Mr. O. M. C. Branford:

I would like to get some information as to seeding and raising alfalfa. I am going to seed about four acres of alfalfa this season, but do not know whether to seed in the spring or fall. The ground is well drained and has been seeded in clover for three years and has had two coats of manure during that time. It was plowed last fall, so it can be worked into an ideal seed bed with very little weeds to bother. Would it be best to have a nurse crop, or not, if seeded in the spring? Will it produce any hay the first year it is seeded in the spring? If not, would it not be just as wise to sow some kind of grain in the spring and plow the ground and seed in alfalfa after harvest so as to make use of the ground this season? Please give all the information possible concerning the difficulties in getting a stand and how to overcome them.

There is more than one way of getting a stand of alfalfa, consequently it is not possible to lay down the exact law which, if followed, will insure success. As the land in question was plowed last fall and as it is free from weeds, we believe that in this instance it should be seeded in the spring. As soon as the soil is dry enough to work without puddling, harrow down the seed bed so as to make conditions favorable to weed growth. Let the land remain in that condition for two or three weeks until the spring grain is in and then thoroughly disturb all weeds either with a disk or with a harrow. When this is done, sow the seed at the rate of about twenty pounds per acre and thoroughly harrow it in. Do not be afraid of covering the seed too much so long as you use an implement that is no heavier

than the harrow. If weather conditions are at all favorable the crop will soon come up and it may hold its own against weeds. However, if the weeds seem to be getting a start, do not hesitate to cut weeds, alfalfa and all back during the first season with the mower. Alfalfa will take root under such treatment and the probabilities are that the second year it will have things its own way.

Of course there are instances where men have succeeded quite well by sowing the alfalfa early in the spring along with oats or barley. Naturally, barley is better because it does not grow so rank in the straw and is therefore not so liable to choke out the alfalfa. The only danger is that when the cereal crop is cut the hot weather is sometimes a little hard on alfalfa.

Then of course there remains the plan of sowing a cereal crop early in the spring, plowing the land as soon as it is removed and fitting the seed bed so that the alfalfa can be seeded anywhere from the first to the tenth of August. The objection to this plan is that there is not sufficient moisture every year to start the plants early enough so that there is enough growth before the ground freezes. This condition prevailed last year in many parts of the corn-belt, and men who did not get their alfalfa in about the first of August are very much discouraged over their stand, because after the middle of August there was insufficient moisture to germinate the crop until on into September.

We have given the ordinary methods of putting in a crop of alfalfa and leave

it to this subscriber and others who are interested in the subject to choose which one fits their conditions. We regret to say that there is risk enough that one will lose his labor and his seed no matter which plan is tried, and yet where the crop thrives it is well worth the effort required to obtain a good stand.

### ONE WORD MORE ON THE SEED BED FOR CORN.

The Homestead has many times in the past called attention to the fact that the experiment stations have, in their agitation about the seed corn question, neglected largely, up to this time, the relation of a seed bed to a large yield. Not that there has been any wilful neglect, but rather that the seed question has seemed so important as to overshadow other factors that are essential to the good crop.

We claim that it is possible to nearly double the yield by properly preparing the seed bed as compared with the practice of putting in the corn crop by old-fashioned methods.

The bulk of the corn that will be planted in 1907 in the central West will be put in on old stalk ground and we first give attention to the preparation of the seed bed under these conditions. Corn stalk ground should always be disked or thoroughly harrowed before plowed. This pays well, if for no other reason than to put the surface in such shape that the ground is level after it is plowed. If you put the plow in on old stalk ground the chances are that you will cut two narrow furrows and then a very wide one, in order to turn out the old corn roots. This wide furrow always remains prominent, it being almost impossible to work it down, so as to make the surface level. Then, of course, disking a surface before plowing does away with the turning under of a harsh crust.

Even good farmers differ in their opinion as to how much labor should be put on the field after it is plowed, but our opinion is that it pays well to harrow three or possibly four times. If there is time for the weeds to start between the period of plowing and the date of planting it will pay well to put on the disk and destroy them and then, of course, the disk must be followed by the harrow, in order to properly fit the ground for planting.

In the case of fall plowed land we strongly favor the practice of double disking, and by double disking we mean lapping half the disk at each time, in order to prevent ridging the soil. After that, most of the labor may be done with the harrow, but let it be remembered that time spent on such ground with the harrow will greatly add to the yield. There is a temptation, of course, to prepare fall plowed ground somewhat roughly, with the expectation of doing considerable work on the surface before the corn comes up. Generally speaking, this is a mistake, because in most instances there is not time to do much work on a soil after it is planted. Wet weather and the putting in of the late fields combined, usually keep a man from carrying out his plans in this regard.

Then there is the sod ground, either fall or spring plowed. While much labor is essential in preparing stalk ground and while it will pay well to put considerable time on fall plowed land, yet it is the sod that after all should receive the most labor. The thing to be aimed at is to put plenty of work on the surface so that the furrows are thoroughly compacted with the lower soil. We would rather delay planting a week or even ten days on sod ground than to rush it in before the seed bed is thoroughly worked down. Sod is always a fast soil, and we have always figured that corn will make up about two weeks on this kind of land as compared with corn stalk or old stubble ground.

There are those who find fault with our recommendations in the matter of preparing seed bed on the ground that too much labor is involved. We claim that as much corn can be raised on fifty acres by following these methods as can be raised on seventy acres where the surface is worked over once or twice and the corn is planted. This being true, it is certainly the part of wisdom to leave down a little more grass land and grow the same number of bushels on the smaller acreage.



## Farm Furrows

Turned by a Practical Farmer.

Some people waste the best part of the day in getting started

One of the hardest things on earth is to see the good points in persons we dislike.

The desire to own all the adjoining land in every direction has caused many a heart-ache and back-ache.

The examination of the ground around a dry weed stalk will prove that weeds do not believe in race suicide.

Some men try to make as much noise in dropping a nickel in the collection box on Sunday as a dollar would make.

Men who hire lawyers and fight over differences involving a few cents generally have minds of the thirty-cent caliber.

Don't make life miserable for the family another season by trying to grow poultry and garden truck on the same piece of land. One fence will fence in the garden and fence out the poultry.

Congressman J. Adam Bede, of Minnesota, says that modern farm machinery so lightens labor on the farm that the farmers in his locality are building gymnasiums in which their hired men exercise.

Nearly every man knows a great deal about how the affairs of the county or state should be conducted, but when it comes to filling a petty little township office they can't even put a motion to adjourn.

With the Minnesota legislature working on an anti-treating law and an Indiana judge stoutly claiming that all liquor licenses are illegal the liquor dealer must think that the people are going clean daffy for sure.

As a rule state legislatures are made up of keen, bright men, but occasionally you will find one who has as little grasp of public question as an infant in arms. It's great to hear these chaps tell how to run educational institutions.

After trying about every imaginable kind and variety of milk strainers without ever having fallen in love with any one of them I have about concluded to return to the good old-fashioned plan of several thicknesses of cheese-cloth, using clean cloth each milking.

At the price of leather these days no kind of harness is cheap. A poorly made-up article sells now for about the same price that a well made article did a few years ago. There are some things which I believe the best is the cheapest in the long run, and harness is one of these.

"A place for everything and everything in its place" is the only rule on the farm by which tools and small implements can be found when wanted. I have known men to spend an hour of a very busy day looking for some misplaced tool necessary to repair machinery.

Chemical analyses of foods mean little to the average man. It may be that a man is never too old to learn, nevertheless it is a pretty difficult undertaking to teach an old horse new tricks. In the editing of bulletins for farm reading a good many investigators, if they could be placed in our shoes, would use more plain Anglo-Saxon than they do. The conclusion or summary in many bulletins is a good idea.

The human as an individual will tolerate coarseness, but humans as a body, rarely ever. At a gentlemen's convention held recently one speaker started out in a vulgar vein, thinking that to be the popular thing. In the midst of his talk a member arose to a point of order and

## JOIN THE UNITED STATES NAVY

GOOD PAY, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentice seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.



# You Get More Harvest Profits If Harvest Finds You Ready

**T**O get all the profits possible out of your harvest this year—that is a plain business proposition with you.

It needs no argument to prove that you can not be sure of all the harvest returns—no matter how favorable the outlook—unless you have made full and effective preparations before hand.

A quick harvest—an easy harvest free from breakdowns and delays due to inefficient machines—is the harvest that yields every cent of its value to you.

The vital point then is your harvesting machines. You can not afford to take chances on it. A mistake in this matter means loss of golden hours in the field, and profit-eating expenses, to say nothing of the worry.

You can not decide this question wisely when the harvest rush is on. This is one part of your preparation that you can make now, and that it pays to make now.

The test of time is one of the best guides to your selection. And when you think of harvesting machines that have proved their efficiency year after year for a generation, what names are brought at once to mind?

**Champion, McCormick, Osborne, Deering, Milwaukee, Plano.**

There must be a reason why these six machines have become familiar the world over—wherever harvesting is done.

It means that they have withstood all the tests of all conditions of harvest fields everywhere.

It means not only that they were built on right principles at the first, but that they have steadily led in improvements from year to year, thus holding the place they have established as the standard.

But world-wide reputation—much as it means—is not the only reason for absolute confidence in this line.

Each machine stands on its present merits, because it is built under the most favorable conditions.

The International Harvester Company is able to demand and obtain the very best materials of every kind and the highest mechanical skill—everything that goes to make the perfect machine.

To erect and maintain experimental shops and laboratories and to employ the best specialists to work out every principle and detail—these things would not come within the reach of the ordinary manufacturer. But the International Harvester Company can and does concentrate the

excellence of all its splendid equipment in these machines.

By owning and operating its own coal and iron mines, its own smelters and steel mills, and its own timber and saw mills, the International Harvester Company is enabled to select the best wood and steel that forests and mines afford.

And in addition it can and does employ the best labor.

With such advantages of increased resources, nothing but the best of material need be accepted. And it is easy to see how machines can be improved in a degree not attainable in any other way—how such rigid tests as these machines are subjected to, can be insisted on—why no machine ever leaves the works until the best qualified experts have pronounced it perfect.

All this care in the selection of materials—all the skill of labor—all the thoroughness of inspection and test—and all the perfection which these things mean and bring about goes into your machine.

Isn't it worth while to consider who gets the benefit in the end—what this concentrated effort on your machine would mean to you in the critical time of your harvest?

Isn't it worth your while to consider whether you will not be the gainer in a large degree by preparing for harvest or haying time with a machine that you know?

Harvest time is not the time to try something you are not sure of. You want all the guarantee of steady, reliable operation that you can obtain.

Manufacturers can afford to experiment, but you can not.

You want a machine that has been proved by time—that has been proved by use under all conditions—that has been proved by your own neighbors—and that is made under conditions that assure you that it is the best within the manufacturing possibilities.

And if repairs ever have to be made, you want to be sure that you can get them at once, and that the parts will fit. This is another special advantage of these machines—repairs are always right at hand, for International local agents everywhere have them in stock.

Harvest economy and efficiency not only call for good machines but good twine as well.

International Harvester Company binder twine is made from high-grade pure sisal and manila fibers—the best raw materials that can be procured. The Champion, Deering, McCormick, Milwaukee, Osborne, Plano and International binder twine is sold in the following grades: Sisal, standard, manila and pure manila.

Call on the International agent and get a catalog, while you have plenty of time to study it. If you don't know an International agent write us and we will give you the name of the one nearest you.

**International Harvester Company of America, Chicago, U. S. A.**

(INCORPORATED)

**International Line:**—Binders, Reapers, Headers, Header Binders, Corn Binders, Corn Shocks, Corn Pickers, Huskers and Shredders, Corn Shellers, Mowers, Hay Tedders, Hay Rakes, Sweep Rakes, Hay Loaders, Hay Stackers, Hay Bales, Feed Grinders, Knife Grinders, Cream Separators, Gasoline Engines, Pumping Jacks, Manure Spreaders, Weber Wagons, Columbus Wagons, Bettendorf Wagons and Binder Twine.



said: "Mr. Chairman, I desire to interrupt the speaker long enough to remove my dog from the hall. This is no place for him." That ended the vulgarity.

With the coming of soft roads again the shoes may be removed from both draft and driving horses. I imagine after a horse has worn a heavy pair of shoes all winter his limbs feel like those

of man where the heavy winter boots are replaced by light shoes.

Some of the railroads are taking off their fast through trains and adopting slower schedules for the regular service. This is claimed to be the reactionary effect of the two-cent rate. Railway management is naturally a perplexing study to the onlooker and we heard of a wag

lately who said he would have thought that more trains and faster time would earn money faster. His second thought was that perhaps the traveling public was being exterminated too rapidly.

I often think that the man who invented the disk cultivator should have a monument erected to his memory. I wouldn't like to farm without one.



# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## CURING BEEF IN DRIED FORM.

One of our Kansas subscribers, Mr. Jerry Gibson, sends the following communication:

I would like to learn through the columns of your paper how to make dried beef. This may seem a simple proposition, perhaps, to you, but to one who has never had experience in doing it, it is not so simple after all.

Possibly we cannot do better, in answer to this inquiry, than give the method that was submitted a few years ago by Prof. Andrew Boss, of the Minnesota station to the department of agriculture, Washington, D. C. It was afterwards embodied in a publication emanating from that department.

According to Professor Boss the round is commonly used for dried beef, the inside of the thigh being considered the choicest piece, as it is slightly more tender than the outside of the round. The round should be cut lengthwise of the grain of the meat in preparing for dried beef, so that the muscle fibers may be cut crosswise when the dried beef is sliced for table use. A tight jar or cask is necessary for curing. The process is as follows: To each 100 pounds of meat weigh out five pounds of salt, three pounds of granulated sugar, and two ounces of saltpeter; mix thoroughly together. Rub the meat on all surfaces with a third of the mixture and pack it in the jar as tightly as possible. Allow it to remain three days, when it should be removed and rubbed again with another third of the mixture. In re-packing put at the bottom the pieces that were on top the first time. Let stand for three days, when they should be removed and rubbed with the remaining third of the mixture and allowed to stand for three days more. The meat is then ready to be removed from the pickle. The liquid forming in the jars should not be removed, but the meat should be re-packed in the liquid each time. After being removed from the pickle the meat should be smoked and hung in a dry attic or near the kitchen fire where the water will evaporate from it. It may be used at any time after smoking, although

the longer it hangs in the dry atmosphere the drier it will get. The drier the climate, in general, the more easily meats can be dried. In arid regions good dried meat can be made by exposing it fresh to the air, with protection from flies.

## THE PASSING OF THE GUATEMALAN ANT.

The curtain is finally rung down upon the Guatemalan ant, and it is formally discharged from the government service in the following sentence from Secretary Wilson's annual report: "Efforts to successfully over-winter in Texas as the kelep or Guatemalan ant, enemy of the cotton boll weevil, have failed. It is possible that this species may have some economic value in some of our tropical or sub-tropical possessions, where the climate may be more suitable than in Texas."

While it was with us, the ant—the public will always think of it as an ant, rather than a "kelep"—added to the gaiety of nations. Its first appearance in the Sunday newspaper showed a ferocious insect, so utterly out of proportion in size to the little boll weevil down in the corner that it had to be put in on the bias, and took up the best of the page. Then the newspapers poked fun at the ant.

The trouble seems to have been pernicious activity. The boll weevil destroyer discovered the honey in the cotton plant, and found it even more attractive than boll weevils. The crop was threatened. Alarmed planters turned to the courts for a possible injunction. In view of all this, it is perhaps fortunate that the kelep will not over-winter in Texas.

And now the problem of the agricultural department, which is nothing if not resourceful, is to find a weevil-resisting cotton plant. The National Geographic Society reports such a cotton grown in Guatemala.

## The Value of Listed Corn.

To the Editor of The Homestead:

When listing first came in vogue I fell in love with the system, sold my check-rower planter, burned the bridges behind me and bought a lister outfit. I raised some good crops of corn this way, and generally with less labor than with check-rowing. I also had some partial failures on account of washing out. I have now quit listing entirely, principally on account of the damage to the ground by the heavy rains, which do so much damage by washing away the cream of the soil. I still think listing the cheapest and best way of raising corn on land which will not wash and still has sufficient slope to carry the water away, and prevent drowning of the crop, but on our rolling prairie I believe it is wasteful and extravagant because of the great loss of surface soil in which rests about all its fertility.

There is altogether too little rotation of crops here in the West. I know of land that has been continuously cropped to corn for thirty years. It is a wonder that it raises anything. It doesn't raise much. My plan now is not to grow corn more than two or three years in succession on the same

## I used Dipolene for Scab in pigs

Writes A. J. Gibson, R. F. D. No. 3, Marshalltown, Iowa: "I dipped them twice and they are doing fine. It's good enough for me."

"My sheep were full of ticks but Dipolene cleared them out entirely. My hogs were scurvy. I dipped them and since I never had hogs do better."—W. H. Hunt, Sterling, Ill.

"For chicken lice Dipolene is the best thing I ever saw," writes Carl E. Sheldon, Mazeppa, Minn.

"My neighbors' sows and pigs were dying off when we dipped those left in Dipolene. After that not another one died, so we think Dipolene all right."—Norban Worth, Marshalltown, Iowa.

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ground, then sow oats and seed to clover and grass. This restores fertility and in two or three years fall plow and surface plant to corn. I believe by this plan soil fertility may be conserved indefinitely.

Edwin Snyder.

Jefferson county, Kan.

## Value of Grass as Roughage.

To the Editor of The Homestead:

I have had considerable experience in feeding stock through the winter. I have handled all kinds of feed except alfalfa and have never found anything to equal good, bright, wild hay. I am so partial to it that I believe it is the ideal feed for roughness.

Two winters, on account of the scarcity of other roughness, I was compelled to feed corn fodder and I was not particular in taking off all the nubbins. Three winters I fed nothing but flax straw. I have left stock run in the stalk fields and fed corn fodder in the yard and flax straw in the shed; I have fed clover, timothy, millet and oat straw, but of all fodders I like the red kafir corn the best. It grows finer stalks than the white and stock come nearer "cleaning it up" than any of the other fodders. It whets up their appetites and a head of the seed is as good as an ear of corn. It is impossible to raise it here, but in Kansas it is par excellence.

In feeding stock through our long winter the question of economy cuts quite a figure. Give an animal an armful of prairie hay and he has an armful of feed. Feed clover, millet or timothy and at least one-fourth has to be thrown out of the manger and about half of the corn fodder is waste.

The great amount of prairie hay consumed by stock and the small per cent wasted is not its only economic feature. It is easier handled; it takes about half the labor to procure a given amount as compared with other feeds and is the only roughness that does not take labor and capital to grow.

Grass is the poor man's friend. Its life germ is eternal. A frost, a drouth may kill the blades above the surface, but after a dash of rain warmed by the kindly sunshine it springs again

into life to gladden man. Nature has scattered it with a lavish hand over every hill and vale. It springs up at the earliest hint of spring, feeding his stock through the summer months and falls before his sickle as a free will offering for the same when winter holds the world in its grasp. In his childhood it lovingly caressed his feet, and when they have grown weary climbing up the hill of life and he lies down by the wayside in his long rest it creeps over the unsightly mound and kindly blots it from sight.

Geo. C. Lloyd.

Kittson county, Minn.

April 9th was the thirtieth anniversary of the day Mr. Chas. N. Page became affiliated with the history of the Iowa Seed Company. As a small boy he was given a position in Fuller's Seed Store, which became in a few years' time the Iowa Seed Company. From a small store on West Third street, Des Moines, Iowa, this firm have grown into one of the leading mail order seed houses of



this country. They publish annually about 800,000 catalogs, and have customers in all parts of the world. Thirty years ago they received less than 500 orders per year, while during the busy season now there are sometimes 5,000 letters received in a single day's mail. Mr. Page's untiring efforts have been given to the upbuilding of this business, and he is to be congratulated upon his success.

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Chimney Flashing—Roof Book, page 18, tells how to do it.



## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

### Device for Sorting Hogs.

To the Editor of The Homestead:

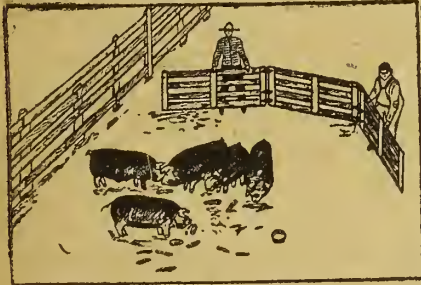
Every year I crate a good many hogs to ship to my customers. We used to have a great deal of trouble in getting the hog we wanted from the feeding lots into the smaller pens and from there into the crate. Those who have to follow this method in sorting out their hogs know just what an aggravation it is. Often it is necessary to drive the herd around the yard several times until, perhaps, some one of the number is overheated or injured. That was our experience, at least, until we struck what we consider



THE HOG HURDLE.

a very happy idea. Now instead of having a lot of trouble when it comes to crating a hog, we use a device consisting of three short gates, hinged together, as shown in the sketch. We use strong door hinges and three of them to each joint. The hinges should be secured onto the cleats rather than onto the panels of the sections. This will then allow each section to fold over onto the center piece when not in use.

As will be seen by the drawing, one section is four feet long while the other two are six feet long. In folding the sections together the short one is folded in first. This allows the long one to lay next to it. The total length will be seen to be sixteen feet. At first this may seem a little short, but we have



SURROUNDING A BUNCH.

tried different lengths and find this to be the most handy and convenient of any. It is often necessary to make

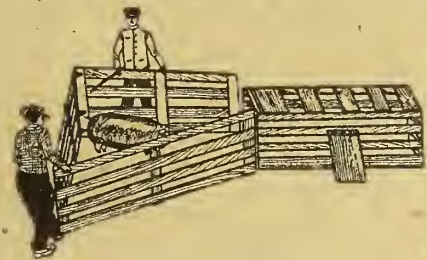
quick moves in sorting hogs, so that the three gates must not be too heavy and unwieldy to handle.

The panels may be either four or six-inch boards. However, we find four-inch panels plenty strong enough and it reduces the weight of the whole device considerably. The two lower panels are four inches apart, above that they are six inches.

When we want to crate a hog we pen a bunch up in one of the smaller lots and with one of us at each end of the sorting device we approach the bunch which contains the hog we wish to crate. By moving towards them slowly they will not be frightened, and often we can work in among the herd and get our gates thrown around the hog we are after almost before he knows it.

Sometimes we can use the fence as a fourth side to advantage. In such cases we may have several hogs enclosed and this allows more room to work. As soon as we have enclosed the hog we are after with the gates one of us goes after the crate, which we bring right into the yard and place the open end of it at the gap which we make between the two ends of the gates. A few moments more and we have accomplished our end.

Regarding the cost of this device which we call a sorting gate, we would say that our experience is that it is comparatively nothing compared with the work and aggravation that it saves. It only requires a few hours of time to set

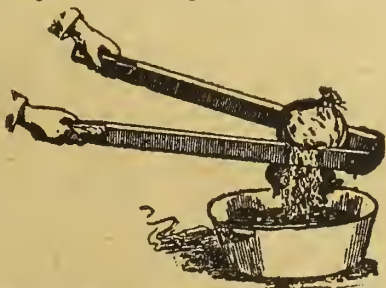


PUTTING HOG IN CRATE.

it up and it will last for years. It may be used in other ways. We find it very handy to pen a litter of pigs where we wish to get them out on grass in the barnyard. We have used this device for a good many years and would not know how to get along without it.

A Subscriber.

Those who have on hand a stock of empty honey-comb may be interested in the following taken from Gleanings in Bee Culture. "There is a little kink I practice in rendering old and black combs. I used the Swiss extractor; and after all the wax had run out possible from the extractor the refuse was dumped, steaming hot, into a burlap sack, the sack being tied up close to the slumgum. The bag was then held by



one person, and another applied the pressure. While under pressure, just about as much wax was squeezed out as came from the extractor, and the pressure was obtained very cheaply. Two sticks were nailed together at one end by a leather hinge, the other ends used as handles, when a mighty pressure could be brought to bear on the hot refuse. The one who held the sack kept twisting, and the squeezer kept squeezing, so to speak."

You can sell your farm by placing a classified advertisement in The Homestead. The best medium published for advertising lands, live stock, poultry, pets, farm machinery, implements, musical instruments, vehicles or other property wanted by farmers. The price of an advertisement in our classified department is only five cents a word each insertion, no single insertion being accepted for less than \$1.20, even if less than twenty-four words. Every number, initial letter and abbreviation, including your name and address, counts one word. Terms, cash with the order. No display type or illustrations admitted in this department. Copy must be in our hands on or before Saturday of the preceding week. Every advertisement in The Homestead's classified department is inserted without additional

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charge in The Farmer and Stockman, of Kansas City, Mo., and The Wisconsin Farmer, of Madison, Wis. The circulation of the three papers combined is 190,000, covering the great states of Iowa, Nebraska, Illinois, Wisconsin, Minnesota, North and South Dakota, Missouri, Kansas and Oklahoma. Send us your copy today. Address, The Homestead, Des Moines, Iowa.

#### Combination Sale of Short-horns.

The combination sale of Short-horn cattle held at Nevada, Iowa, April 11th, under the very efficient management of Mr. Ed R. Silliman, proprietor of Claverhurn herd at Colo, Iowa, was a success. The day was anything but pleasant. The wind blew almost at hurricane speed, and when the sale was about half over it was deemed too dangerous to continue longer under the canvas and the sale was finished out in the cold, with dirt and debris in the air, with the crowd standing around country sale fashion. Col. A. P. Mason did the selling, assisted in the ring by three local helpers. Mr. Silliman's cattle, which had been in charge of Herdsman Geo. Pierce, were the only offering presented in good flesh. His eleven head sold well, condition and breeding considered. The entire offering were well sold. The following figures tell the story. Mr. E. R. Silliman sold eleven females for \$1,121, an average of \$119.18. Messrs. A. J. Graves & Son sold six females for \$442.50, an average of \$73.75, and three bulls for \$275, an average of \$91.66. Mr. C. E. Klump sold eight females for \$583.50, an average of \$74, and two bulls for \$95, an average of \$47.50. Messrs. Wilkining & Shaw sold four bulls for \$155, an average of \$38.75. Mr. Patrick Mulcahy sold two bulls for \$138, an average of \$69. Mr. Sam S. Kooser sold one bull for \$100. The entire number of thirty-seven head sold brought \$2,910, an average on the entire lot of \$78.65. We furnish buyers names only on lots selling at \$100 and upward:

FEMALES.	
Oxford of Niagara 27th, nine years, sire Spartan Royal, C. A. Stewart, Ames, Iowa	\$125.00
Oxford of Niagara 28th, eight years, sire Spartan Royal, Andrews Bros., Melbourne, Iowa	170.00
Oxford of Niagara 49th, five years, sire Scottish Victor, F. Boynton, Nevada, Iowa	145.00
Oxford of Niagara 53d, two years, sire Revenue, Joe Stewart & Son, Ames, Iowa	100.00
Oxford of Niagara 50th, four years, sire Roving Prince, D. Fausch, Slater, Iowa	112.50
Oxford of Niagara 54th, one year, sire Baron Foxglove, Andrews Bros. Mary F. 4th, three years, sire Oakland Cup, Bill Stratton, Cambridge, Iowa	105.00
Bracelet 4th, eight years, sire Rose's	137.50

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\$100,000 for one invention; another \$5,500. Book "How to Obtain a Patent" & "What to Invent" sent free. Send rough sketch for free report as to patentability. We advertise your patent for sale at our expense. Patent Obtained or Fee Returned.

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### PATENTS

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Send sketch or model of invention for free opinion as to patentability. Reference, The Iowa Homestead.

Bandmaster, and b. c., M. W. Templeton, Ames, Iowa	105.00
Young Nera, five years, sire Malcolm, Dan Huhn, Nevada, Iowa	110.00
Oxford of Niagara 48th, sire Marengo's Count, C. A. Stewart	110.00
MALES.	
Ames Prince, one year, sire Countess Duke, Geo. Graham, Ames, Iowa	100.00
Nora's Duke, one year, sire Knelier Stamp, Henry Judson, Nevada, Ia.	110.00
Nonpareil Stamp, two years, sire Knelier Stamp, S. P. Gorton & Son, Onawa, Iowa	107.50

#### WHY RAISE BEANS AND PEAS?

The above question has often been asked. In the past the difficulty of harvesting leguminous crops of this nature has been of the chief objections to the crop. Otherwise these legumes constitute one of the most valuable crops to be grown on the farm. That they are profitable has been proven by farmers in every section of the country. As fertilizers of the soil they have all the valuable characteristics of any legume. They add nitrogen. As a feed for hogs the soy bean is unexcelled. It keeps the pigs growing and puts on finish. This is the experience of those who have fed the soy bean. The cow pea grows rank in the corn field. Aside from these crops the growing of commercial varieties of peas and beans is a great industry in many of the farming states. The profit in this crop is scarcely realized by farmers. The difficulty of caring for such crops is now largely overcome by the use of the Owens Bean and Pea Thrasher. Constructed on most up-to-date lines this thrasher is able to do work rapidly without damaging the beans and peas. A well written booklet on the culture of these crops will be sent for the asking to anyone interested, who will write J. L. Owens Company, Minneapolis, Minn. Mention this paper when you write. See page 12.

#### SETTLERS' RATES TO MINNESOTA, NORTH AND SOUTH DAKOTA AND CANADA.

On every Tuesday during March and April the Iowa Central will place on sale special second class settlers tickets at extremely low rates for benefit of settlers to the Northwest. Call on agents for rates, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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## Care of Brood Mares Near Foaling Time

BY JAS. B. DAVIDSON, ILLINOIS

The season is again approaching when the mares bred in the season of 1906 will have advanced to a period in gestation when they need the best possible care to prepare them for the maternal function. Every mare at breeding time should be in the best of health and in good, thrifty condition, not necessarily fat, but in that state that is indicated by a bright eye, a fine, glossy skin and a spirit that shows life in every move.

Sometimes as spring approaches, mares or, in fact, any kind of horses get in a poor, unthrifty condition caused, perhaps, by lack of care, irregular feeding and dirty, unsuitable food, and it is shown by the staring coat, stocked legs, and lack of life. When such is the case they need attention and it is well for the owner or attendant to look for a cause and seek a remedy.

More horses get out of order from the lack of enough nutritious food than from overfeeding. If the cause is lack of proper food, then the owner should provide something that will build up the system and make bone and muscle, but when the horse is poor, great care should be exercised in changing to a richer or more nourishing ration, and in making the change the animal should be fed very sparingly and two or three bran mash given a week with plenty of salt in them. This will act somewhat as a laxative, but even after this a dose of raw linseed oil, just enough to move the bowels, is very desirable. After this the food should gradually, but slowly, be increased until enough is given above a maintenance ration, to insure a reasonable gain in flesh. I have found that a good ration is ground oats in the morning, ear corn at noon, and boiled oats with some bran and a handful of ground flax, mixed together, fed for the evening meal. A reasonable amount of good, clean hay at each feeding time, but most at night, makes a very desirable combination to produce the desired result in run-down horses. I have never found anything better than ground or boiled flax as a conditioner.

Now, as to the mare that has been bred and is nearing the foaling time. If she has been bred under favorable conditions so much the better, and the produce will most likely be strong and healthy if the mare has been properly cared for and fed.

During the first few months of the gestation period the kind of food used does not make any particular difference, as long as it is clean and wholesome, though a large amount of corn is not a desirable food for breeding stock.

As the period advances it is essential to the best result, generally speaking, that the mare receive a ration rich in protein such as clover and alfalfa. Hay, oats, bran, flaxseed meal and oil-meal cake, or any food good for milk production, excepting, perhaps, cottonseed meal, is good for a pregnant mare

if fed in reasonable quantities. It is desirable to give brood mares plenty of exercise and there is no way this can be done so well as by regular careful work at almost anything that needs to be done on any ordinary farm, but where it is not desirable to work them they should have plenty of outdoor life.

If it be desirable to breed two mares it will often prove very satisfactory to breed one in the spring and the other in the fall, and especially is this true if two pairs are to be bred, and the fall colts can be raised as cheaply as the spring youngsters, and will be found as satisfactory in every way. If the mares foal about October 1st they are likely to be in good condition for it and the colts will be strong and vigorous, and with good care will be in fine condition in the spring and they can be weaned in time to give the mares a chance to be put in good shape for spring work. When grass comes they may be turned out and with half the grain they would require for winter feeding will make rapid growth and will have arrived at a stage in their existence, when they can withstand the attacks of flies with the least possible inconvenience to themselves, when fly-time comes.

When mares that foal in the spring are required for work they ought to foal after corn planting and then with a month's rest and a little feed on the grass they will be in condition to do the light work of haying and harvesting, and with a little care and attention at the right time the colts can be kept as thrifty and will grow as well as if they were running with their dams on pasture. When the mothers are worked they ought to be fed in a box low enough and large enough so the colts can eat with their mothers. This is the easiest way to teach them, and as soon as they begin they should have oats before them when the mares are taken out. Where skim milk is available it will be found a great help to the youngster.

A mare should foal in a good, roomy box-stall that has been thoroughly cleaned and disinfected and the colts navel should be kept saturated with carbolic oil for a few days after it comes; where this is practiced it is generally attended with good results.

The present condition of the horse market warrants a man breeding horses, but let me say, don't expect a mare to carry a colt, nurse a colt, and do the work of a gelding without good care and plenty of food.

In conclusion I would say, breed the mares you have if they be free from hereditary unsoundness. If you have to buy, get good ones, and use the best stallion available of the blood most strongly represented in your mares. Care well for your mares and colts and you will win out.

## THE SUN FURNISHES THE WATER

On the Canadian Pacific irrigated tract in Southern Alberta water is obtained from the Bow River, which draws its supply from the main range of the Rocky Mountains. As the season advances the snow melts higher and higher up in the Rockies, and thus a constant, unfailing supply of water is furnished to the Bow which fills the irrigation ditches during the spring and summer season—at the very time moisture is needed to mature the crops.

Owing to the inexhaustible supply of water coming from the mountains, it is unnecessary to build storage dams or reservoirs. The flow of water in the Bow River has been measured year after year by the Government, and it has been found just what the minimum flow is. The Government does not authorize the building of irrigation works to take more than the minimum flow from the river, so the settler is assured that in the very driest season he will have all the water he cares to use.

Every farmer knows that plenty of moisture on good ground, with a good climate, means a bountiful harvest. On the irrigated lands of the Canadian Pacific in Southern Alberta you will always have plenty of moisture, and as the ground is rich and the climate is the best, crops must be good.

Almost any kind of grain and root crops can be raised. There is a good market at the very door of the settler, and thus every opportunity for money making is to be found on this vast tract.

If you think of changing your location you will make a mistake if you do not investigate this opportunity. You will find nowhere else the chances for making money and the perfect farming conditions that prevail here.

Write us at once, and let us tell you how to take a trip through the finest agricultural country on the American continent, at the lowest possible cost, and how to obtain a home that will provide all the luxuries of life and make you and your children rich.

### Canadian Pacific Irrigation Colonization Company, Limited,

71 Ninth Ave., West, CALGARY, ALTA., CANADA

Sales Department, Canadian Pacific Railway,  
Irrigated Lands.

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### Hints on Checking Corn.

To the Editor of The Homestead:

Set your stakes deep each time. It pays, as a stake pulled up is apt to spoil the checking and bother in cross plowing. About one stake uprising in each 150 acres is the author's experience.

At the suggestion of a friend a few years ago, I have used kerosene exclusively instead of machine oil on pulleys and parts of check row that get dusty. It works well and does not gum up the parts it is used on. Fill an oil can with it and apply often.

A good-sized tin can with top melted off, and a little of the sharp edge rounded over for a thumb rest, makes an excellent article for dipping seed corn out of the sack, as it goes in and out easily with sack partly open or on a windy day.

Some object to the arch for marker rope on the planter. I like it well and think many times the cause for the objections is that too small a ring is used on it.

Keep a little can of axle grease on or near planter and rub a little on the runners at quitting time each evening, cloudy or fair. "Tomorrow" for planting, maybe many days hence; save rust, rubbing and (too late) resolutions.

When planting along side hills, sit erect directly over marker track, and it will greatly aid in making straight rows.

Don't have your wire "tight as a drum" one time and loose the next. This makes bad checking. Be your own tension, keep wire regularly snugly tight. I prefer a rope to the wire on the marker, but as a rope varies in length in different kinds of weather, I have an original way to keep it a uniform length. Cut rope short about eight inches, put snap on out end, (from planter) then put about ten inches of (small link) chain on marker proper and you may then snap the rope in any link to overcome changes in rope length due to weather.

A great aid to making a plain marker track on cloddy or uneven ground is to wire two to four feet of light chain securely to center of back of marker, so it will drag in marker track.

Much of the poorly-checked corn, especially, near end of the rows, is due, I think, to the method of bringing over wire when re-setting stakes. Do not "whirl and pull" it over away out in the

field. The planter does not draw it over this way, when you drive across the field. Walk to where you wish to reset the stake, stake in hand, wire snugly stretched, and set stake, and your wire will be over far enough for starting, and just as the planter will do it. Since a neighbor called my attention to this a few years ago, I have quit "whirling and pulling" wire, and in planting about 550 acres since, I have had much better and more satisfactory checking.

Make your rows straight, that is the nearest way across the field. Take out each little wrinkle as they appear, or they will rapidly enlarge. V. D. Michener.

## WASTED TO SKELETON

Baby in Torments With Terrible Sores on  
Face and Body—A Complete

## CURE BY CUTICURA REMEDIES

"My little son, when about a year and a half old, began to have sores come out on his face. Then they began to come on his arms, then on other parts of his body, and then one came on his chest, worse than the others. At the end of about a year and a half of suffering he grew so bad I had to tie his hands in cloths at night to keep him from scratching the sores and tearing the flesh. He got to be a mere skeleton. I sent to the drug store and got a cake of Cuticura Soap and a box of Cuticura Ointment and followed the directions, and at the end of about two months the sores were all well. He has never had any sores of any kind since. He is now strong and healthy, and I used only one cake of Soap and about three boxes of Ointment. Mrs. Egbert Sheldon, R. F. D. No. 1, Woodville, Conn., April 22, '05."

### ABSORBINE HELPED TO DEVELOP SPEED.

Mr. Aura Booth, trainer at Belmont Stock Farm, Xenia, Ohio, writes under date of April 25, 1906: "Last year I had a mare that they had tried for two seasons to race and could not, and when I came to this farm to train, I commenced to use Absorbine on her and she raced every week and got a record of 2:15 1/4 and could trot in ten before the season was over." Absorbine strengthens the ligaments and muscles, removes soreness, etc., and trainers who have used this preparation consider it an absolute necessity for the stable. Removes any soft hunch promptly, without blistering or removing the hair and horse can be used during treatment. There is nothing to indicate that horse is being treated. Two dollars per bottle at regular dealers or express prepaid upon receipt of price. W. F. Young, P. D. E., 40 Monmouth St., Springfield, Mass. See advertisement on page 2.



## I Stand Back of Huttig's Rubber Roofing

WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

I GIVE you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the Island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "sick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap. Now, here's how I feel about it. If you have use for roofing—

You don't want to foot with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me. Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you my booklet B and special Ironclad Roofing Guarantee. Write me personally, and do it today.  
**HUTTIG MANUFACTURING CO.,**  
707 East Second Street, Muscatine, Iowa

*H. W. Huttig*  
PRESIDENT.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 850,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

**BARRED** Plymouth Rock eggs. Also a few extra cockerels left. Finest flock of large, big boned, blocky, high scoring, 200 egg per year producing hens. Low prices. Write me. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

**EGGS FOR HATCHING** from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

**BARRED ROCK EGGS** from prize-winning strain, guaranteed highest quality; excellent layers, large boned, healthy; circular free. \$1.00, 14; \$5.00, 100. Mrs. D. Paulson, Route 5, Box 38, Harlan, Iowa.

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**BARRED ROCKS** exclusively, choice stock, farm range. Fifteen eggs, \$1.00; 50, \$2.50; 100, \$4.00. Safe delivery and satisfaction guaranteed. Adam A. Weir, Clay Center, Neb.

**KENNEDY'S BARRED ROCKS.** Eggs for hatching, \$1.00 per sitting; \$4.00 per hundred. From extra good layers. No culls shipped. Write J. S. Kennedy, Blockton, Iowa.

**BARRED Plymouth Rocks** exclusively. Large boned, good layers; 15 eggs, 75c; 30 eggs, \$1.25; 100, \$3.50. Satisfaction guaranteed. Mrs. G. W. Saunders, Marceline, Mo.

**BARRED Plymouth Rocks** exclusively. Twelve years a breeder. Eggs, 15, \$1.00; 30, \$1.75. Large deep barred birds, good layers. D. E. Donahy, Newton, Iowa.

**EGGS** from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 50c per doz. Mrs. John Holmgren, Gilmore City, Ia.

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**EGGS**—Barred Rocks, 15, \$1.00; 30, \$1.75; 100, \$5.00. R. C. Rhode Island Reds, 15, \$1.50; 30, \$2.75; 100, \$3.50. Harry Fain, Emmetsburg, Iowa.

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**BROWN LEGHORNS**, Single or Rose Comb, eggs. Also a few Rose Comb cockerels left. Finest flock of heavy layers, excelling 225 eggs per year. High scoring. Prices low. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

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**EGGS** from my prize-winning black Cayuga ducks, winners of first prizes at Minnesota State Fair; \$2.00 per sitting. Address, James J. Lorentzon, Clark's Grove, Minn.

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**LANGSHIANS**, Black and White. Ideal farmers' fowl, great layers, large eggs. Eggs from Chicago winners. Whites, \$3.00 per 15; Blacks, \$2.00 per 15. Illustrated catalog free. Rees Matson, Greencastle, Indiana.

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**BLUE RIBBON Poultry Club** won this winter 40 first premiums on Barred and White Rocks, Golden Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden Silver, Sebright and Black Tail Japanese bantams, Bronze turkeys, Rooster ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter, (secretary), Clarinda, Iowa.

**EGGS AT HALF PRICE**—\$1.00 for 13; \$2.00 for 30. Barred Plymouth Rocks, Black Langshans, Buff Plymouth Rocks, Buff Orpingtons, White Plymouth Rocks, Light Langshans, Golden Silver, Sebright and Black Tail Japanese bantams, Bronze turkeys, Rooster ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter, (secretary), Clarinda, Iowa.

**BARRED and WHITE ROCKS.** Eggs from pens, \$1.00 and \$1.50; 15, \$1.50 and \$2.50; 30, \$4.00, 100. From large, well-shaped, healthy birds. White Holland turkey eggs, \$1.50, 10. H. G. Kirchner, Doonellson, Iowa.

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**EGGS** for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

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**BOOKLET** on turkey raising, 35c. Special price, 25c (silver). Free to customers. Special prices turkey, geese, duck and chicken eggs. Ideal Poultry Farm, Reedsburg, Wisconsin.

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**IMPORTED Sunnybrae** Masterpiece stud fee, \$16. We also have large number of puppies and dogs and blood hatches for sale. Sunnybrae Collie Kennel, F. L. Clark, Manager, Bloomington, Ill.

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**WILL EXCHANGE** three first-class stallions, Harry Blackhawk, registered Morgan; Morgan Blackhawk, jet black Morgan; Golden Sunrise, registered Hambletonian. Their cash value \$3,500. What have you to exchange for them? Don't wish to pay any difference. Martin Hamm, Strasburg, Ill.

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**FOUR POLLED DURHAM** and Short-horn bulls for sale. Bargains when considering quality and breeding. Write for full particulars. Norman B. Westlake, Sycamore, Illinois.

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**DAHLIAS**—Twenty kinds, \$1.00. Catalog. H. Burt, Taunton, Mass.

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**WANTED TO BUY**—A share in the American Poland China Record Association. Address, give lowest price in first letter, J. W. Koester, Hanska, Minn.

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**HELP WANTED, FEMALE**—Ladies to do plain sewing at home. Whole or spare time. Good wages, steady work. Nassau Mfg. Co., New York.

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**THREE FARMS FOR SALE** in Dade County, Missouri, one 240, one 320, one 400 acres. These farms are all well improved with good buildings of all kinds; good rich black and red soil, plenty of living water; no better climate; considered among the best farms in the county. Price, \$30.00 per acre. For particulars address, Dietrich Meyer, Jerico Springs, Mo.

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**AN IDEAL FARM**—400 acres about nine miles from the county seat; 250 acres good wheat land, 15 acres first-class alfalfa land, balance excellent pasture land, plenty of living water. This land lies close to school and is a No. 1 layout, for \$7.00 per acre. Write for list. O. K. Land Co., Meade, Kan.

**160 ACRES**—60 acres under plow, 10 acres meadow, 10 acres timber (oak), 50 acres timber pasture all fenced. Large lake adjoining land. Small set of good buildings; 12 miles from St. Cloud, 3 miles from railway town. Price, \$21.00 per acre. Whitney, Rosenberger & Thiayer, St. Cloud, Minn.

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## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## WANT OF CERTAINTY.

A Subscriber, Clayton, Kan.—A rented his farm to B and gave him the privilege of sowing fall wheat on it, and B sub-rented a part of it to C, who sowed fall wheat on it. A had the farm listed for sale with D (an agent) and D sold the farm to E, contracting to give possession. Can E hold the land and, if so, who is to settle with B and C for the wheat they sowed?

Answer.—The smartest Philadelphia lawyer that ever lived could not give a reliable answer to the foregoing, without straining his guess works. We allow the statement and question to be printed, simply for the purpose of showing with what amazing ingenuity a case can be stated so as to miss every important point in it.

## SHARKS OF A SALE STABLE.

A Subscriber, Camby, Ind.—A bought a mare in Indianapolis from B who was a stranger to him, for \$140. B claimed to have brought the mare from the country to sell for his mother. He represented the mare to be sound. Before A took the mare away from the barn where he bought her, C said to him, "That mare has bad wind." Then a horse dealer by the name of D who was there, said he could tell whether or not her wind was bad, so A backed the mare from the stall and C quickly put a bridle on her and mounted her and kicked her with his heels, and D cracked a whip at her and she started off suddenly and soon began to blow and gasp for breath, and the blood was running from her nose and mouth. A thought he had been cheated by B, and then and there sold the mare to D for \$75. He has since learned that there was really nothing the matter with the mare except that C and D had doped her and can prove this by B. What can A do?

Answer.—First, he can sue C and D for damages and recover judgment, provided he can prove what he says; whether he could collect the judgment would depend on the financial responsibility of the parties. Second, when he wants to buy a horse, keep away from the average sale stables of a large city.

## DESCENT—WILL—MISSOURI.

A Reader, Kirksville, Mo.—A and B are husband and wife. They have a small farm in Missouri, the deed of which is in B's name. They have two children. (1) Suppose B should outlive A, how would the farm be divided according to the laws of Missouri? (2) If, after A's death, B should sell the farm, could the children claim their shares, both being of age? (3) In case A should outlive B, how would the land be disposed of by law? (4) At the present time could A make a will devising the farm to B?

Answer.—(1) It would not be divided at all. B would continue to own it until her death, and then it would go to the two children, equally, share and share alike. (2) They could not. B would have a perfect right to sell the farm and the children would have no rights about it. (3) A would have the use of it during his lifetime, and at his death it would go to the children equally, share and share alike. (4) Such a will would have no legal effect whatever, because

B is the owner of the land. A has no interest in it which he could dispose of by will.

## FIXTURES—SALE—REPAIRS.

A Subscriber, Algona, Iowa.—(1) I had a bargain partly made to sell my farm. Before the deal was closed I needed more room for my corn, so I bought lumber and put in a floor over a hog house, without nailing the boards to the joists; after this the deal was closed. Can I remove the floor and take the boards away when I give possession of the farm? (2) On the same farm there was a floor over a shed which had been used for several years. It was loaded with corn when the farm was sold. About three weeks afterwards it broke down under the weight of corn and wrecked the shed, besides doing considerable damage to me. Can the purchaser hold me liable for repairs on the shed and replacement of the floor?

Answer.—(1) We think the floor should go with the farm as a fixture. (2) We think not, unless you did something after the sale of the farm, that caused the floor to break down.

## COMPENSATION OF ASSESSOR.

An Iowa Subscriber—I was elected assessor and gave a \$500 bond. I am required to add up and copy all books, take birth records and crop statistics. The supervisors have fixed the price of this work at \$2 per day, and limited the number of days to about thirty-five. I cannot do the work in the time fixed. My predecessor put in about sixty days. Can I recover compensation for the time which I necessarily have to spend over the limit fixed by the supervisors?

Answer.—You cannot. Section 592 of the Code, page 267, provides, "Each township assessor shall receive in full for all services required of him by law, a sum to be paid out of the county treasury, and fixed annually by the board of supervisors of the county at the January session: said compensation shall be for the succeeding year, and shall not exceed the sum of \$2.00 for each day of eight hours, which said board determines may necessarily be required in the discharge of all the official duties of such assessor."

## LAND AGENT—COMMISSION.

A Subscriber, LeRoy, Iowa.—On the 20th of last December a land agent with another man in a buggy overtook me on the road and asked me if I wanted to sell my farm. I said that I would sell it for \$100 per acre, provided I could get the place I wanted. The land agent wanted a commission of \$1 an acre to sell it for me. Finally I agreed that he should have that commission provided a deal was made, and that depended of course on whether or not I could get the place I wanted. Then the man who was with the agent and I entered into a contract by which I was to sell him the farm for \$100 per acre, provided I could get the place I wanted, and I was to have a week to find out and accept the offer. I failed to get the place I wanted, and did not close the deal with the man who came with the agent. Now the agent demands his commission. Can he recover it by law?

Answer.—We do not think the agent can recover his commission by law. The sale or deal depended on whether you could get the place that suited you. You failed in this and so your sale did not take place—the deal was not consummated.

## HUSBAND, WIFE AND HEIRS.

A Subscriber, Rockwell City, Iowa.—A and B are husband and wife and have been married fifteen years. A owned 160 acres of land and had three children by a former wife. B owned eighty acres of land and had \$1,200 in money. She gave the money to A, but has no notes for it. There were no children born of the marriage of A and B. B has one brother living and four nephews—children of a deceased brother. (1) In case B should die first, how would her property be divided according to the law of Iowa? (2) In case A should die first, how would his property be divided? (3) Would the wife's brother get a share of the \$1,200 in case of her death?

Answer.—(1) Her surviving husband would get one-half of her property, her brother would get one-quarter and the four nephews would get one-quarter between them—that is, assuming that the parents of B are dead. (2) The surviving wife would get one-third, and A's children, by the former wife, would get two-thirds between them. (3) If the money belongs to B at the time of her death, her brother would be entitled to one-quarter of it.

## HOMESTEAD LAWS.

A Subscriber, Sherwood, N. D.—Suppose a woman has a United States homestead, and marries a man who has not used his homestead right. Can he use his homestead right after she has made final proof on her claim? (2) Are the homestead laws the same in all the states?

Answer.—(1) The husband can use his homestead right after his wife has proved up on her claim. (2) The law allowing settlers to enter homesteads upon the public domain—that is, unappropriated public lands—is a United States statute applying to all states and territories where there are vacant public lands. There are laws called homestead laws, which allow the head of a family to claim the dwelling place with some land on which it stands, exempt from seizure and sale for debts. These home-

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stead laws differ from one another, each state having its own homestead law. The United States law and the state laws are not of kin to each other. They concern different rights.

## SCHOOL TAXES.

A Subscriber, Trempealeau, Wis.—There is a school district here located in two towns. (1) Does the law require the assessor of each town to meet with the clerk of the district every year to equalize the assessment in the district? (2) How are the officers paid? (3) How old must a woman be, in order to vote at a school meeting?

Answer.—(1) Section 471 of Wisconsin Statutes Supp. provides as follows: "In case of a joint school district the assessors of the town, city or village in part embraced therein shall meet at the district school house with their respective assessment rolls at two o'clock in the afternoon of the last Saturday in July in each year, for the purpose of comparing and investigating the assessed valuation of the taxable property in the several parts of such districts, separated by town, city or village lines, and shall determine whether the assessed valuation of such property on the assessment rolls be just or not. (2) Not exceeding three dollars per day, the amount to be fixed by the town board. (3) Twenty-one years."

## STEP-CHILDREN NOT HEIRS.

A Nebraska Subscriber.—A, who was a bachelor, married B who was a widow and had seven children, the eldest of whom was thirteen years old. At the time of the marriage A owned eighty acres of land and B owned 160 acres. A lived on B's farm for several years and took all the proceeds thereof. Later he built a house on his own land, and they moved upon it. A bought 160 acres of land and took the income from B's land to help pay for it. A died about four months ago, leaving one child of the marriage between him and B. (1) What share of A's property will this child get? (2) When A and B married he promised that he would give her eldest son a good start if he would stay at home and work for him till he was twenty-one years old, and the boy did stay and do a man's work for A till he was of age, but A never gave him a cent. The boy became of age nineteen years ago. Can the boy collect anything from A's estate for his labor by the laws of Iowa?

Answer.—While the correspondent signs himself A Nebraska Subscriber, we infer from the last question that all the transactions took place in Iowa. Answer to first question.—A's child would inherit all of A's property, subject to the widow's allowance, and distributive share which is one-third. So aside from the widow's allowance A's child would be entitled to two-thirds of A's property. A's step-children do not inherit from A. (2) If the wife's eldest boy ever had a valid claim against A it is long since barred by the statute of limitations. He cannot recover anything from A's estate.


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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### BOG SPAVINS.

We have a bay colt nine months old weighing 970 pounds, that has always done exceedingly well, but she seems to have some soft springy bunches on the front side, inside of her gambrel joint. When you press on them they seem to spring back quick. She is not lame or they do not seem to be sore. I have never tried anything for them. I first noticed her legs being a little puffy last December. She has always been a rough player on frozen ground for a heavy colt. Please tell me what to do for her in your next paper. Her mother and father had good legs, but her grandmother had bad hind legs.

Colt may outgrow the puffs referred to, but to help matters clip hair from parts and rub in a little iodine ointment each other day until skin becomes irritated; then stop for a few days and repeat if necessary.

#### ABORTION—FISTULA.

(1) My sows are losing their pigs; they lose them when they are about three months along and I have had six sows out of nineteen that have lost their pigs. I would like to know if there is anything I can feed them to stop it. (2) I have a mare that has the fistula. Is there any treatment I could give her and work her?

(1) Before we could tell you the probable cause of the abortions would have to know exactly how sows are fed and cared for and whether there is mold in food or any other irritative cause. A careful investigation will have to be made for the cause and it probably is in the food. Call in a veterinarian to make such an investigation. Meanwhile isolate those that have aborted. (2) As a thorough opening up of each pocket and pipe is necessary to the success-

ful treatment of fistula, animal should not be worked after the operation. When the cutting has been done swab the inside of each pocket and pipe (laid open) with tincture of iodine once daily after cleansing.

#### SICK HOGS.

My hogs are sick and act strangely to me. They have a very bad cough; seem to be stiff, but seem to be neither constipated nor the opposite. Will not eat any to speak of. I have lost some. They have been sick over a week. They have no fever and seem to breathe strongly. I have some that have been sick about a week and seem to gradually grow a little worse. I have asked a number and no one seems to know what ails them. Can you please give me advice? Am anxious to hear at an early date.

When a hog dies it should be opened and examined for cause of death. You do not tell us age of hogs or how you are feeding and caring for them, so it is impossible to tell much as to nature of trouble present. We presume worms may be the cause, however, and for this we would give turpentine in milk or slop at rate of one teaspoonful for each eighty pounds live weight. Give it for three mornings in succession, and repeat the following week. Change food, allow free range on grass; disinfect and whitewash houses; mix lime-water in slop when not giving the turpentine. Drench with the medicine if they won't take it in slop.

#### LAMENESS.

I have a bay mare twelve years old that is very lame and the lameness seems to be all in her front legs from the knees down. She stays down a great deal of the time and when she gets up she stands on the toes of the front legs with the legs pitched forward and her weight on her hind legs. She stands that way awhile and then moves with much difficulty. The tendons below the knee are swollen and sometimes very hard and sometimes soft and the part of one leg is drawn back at the ankle and when she bears her weight on it in walking, it gives down with the foot back. She has been some lame for two or three years, but not so bad as now. I have not worked her any all winter, but would like to now and cannot. I think she is in foal. She is always ready for her feed and works well. Can you tell me what is the trouble and what I can do for her?

The lameness no doubt is rheumatic and there is very little chance that she will permanently recover. Clip hair from tendons of forelegs and also from hoof-heads and blister twice a month with a mixture of one dram of biniodid of mercury and two ounces of cerate of cantharides. As she is in foal internal remedies can scarcely be used with safety; otherwise we would give her two drams of salicylate of soda two or three times a day. She should occupy a sunny, dry, well-ventilated, deeply-bedded box stall. Feed to keep bowels open. Do not feed corn.

#### YEAST TREATMENT.

(1) I have been informed that there is on the market a kind of tablet of a yeast nature, which when placed in the womb of a mare, dissolves and forms a kind of gas, and by the use of this tablet a mare is almost sure to get with foal. Can you tell me anything of this remedy, its nature, its effects, and where I can procure it? (2) What is the best feed for a stallion during the breeding season? (3) What effect has good alfalfa hay on the breeding qualities of mares and stallions, and does it in any way affect their fertility?

(1) You have been misinformed. The yeast treatment has time and again been prescribed here by the veterinary editor and is not a tablet for sale on market, neither does it act as you suggest. Take a cake of ordinary compressed yeast and stir to a paste with a little warm water. Allow to stand in moderately warm room for twelve hours, then stir in a pint of luke-warm freshly boiled water and allow to stand another eight or twelve hours as before when it will be ready for use and simply is to be injected into vagina (not womb) of mare or cow after flushing out that passage with simple luke-warm water by means of large syringe or hose and funnel. Make the injection at once and again the moment the animal is seen to be in heat and have her served as soon as period of heat is about past. By noting time animal comes in heat each month yeast mixture may be prepared in readiness for use at right time. The treatment also is excellent for leucorrhoea (whites) for that trouble, being injected once a week until recovery. It works well for barren sows as well as mares and cows. We hope every reader who does not keep a file will clip out this answer and preserve it for future reference. (2) Feed stallion sound, whole oats, dry bran and hay without corn or green grass and avoid condition powders and condimental foods or drugs. See that he has plenty of work or exercise every day. (3) There is a prejudice against green alfalfa hay for stallions and mares unless they were raised on this feed. It



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is safe in small quantities along with other dry hay, but as indicated already it is best not to feed the stallion green feed, if he is to do a deal of service.

#### TUMORS IN UDDER.

I have two Chester White sows one year old. They had a fall litter of pigs. They were all right until after they weaned their pigs. There came a lump like a caked teat, and it kept getting larger, until it was as large as a gallon crock. It broke and ran. Does not seem to be sore when touched. They are in poor flesh. They eat hearty. They were bred about the middle of January. Please give me some information.

The sows were affected with garget (inflammation of the udder) and the quarters have been invaded by the fungus known as "actinomyces" which also causes lump jaw of cattle. Sows in this condition should not be bred, for when pigs come there will be sure to be more trouble. The tumors are practically incurable unless by use of the knife and hogs do not well stand such operations. Inject tincture of iodine into the openings every other day and at the same time paint exterior with same tincture.

#### QUITTOR—WART.

(1) I have a gray mare five years old that got cut in her left front foot on a wire fence two years ago. She is lame, foot is enlarged and when driven much on the road it breaks above the hoof and pus runs, which seems to relieve her. Foot is all healed up nicely. She weighs 1,200 pounds. What can I do for her? (2) What will remove a wart from a horse?

1. Clip hair from coronet (hoof-head) and blister twice a month with a mixture of one dram of biniodid of mercury and two ounces of cerate of cantharides. Rub the blister in for fifteen minutes; tie mare so she cannot lie down or bite part; wash blister off

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A VETERINARY SPECIFIC.  
15 years sale. One to two cans will cure Heaves. \$1.00 per can. Of dealers, or express prepaid. Send for booklet. The Newton Remedy Co., Toledo, O.

in three days, then apply lard daily. If a "pipe" is present and discharges pus it should be scraped out and injected with a saturated solution of corrosive sublimate; then poultice for a week with hot flaxseed meal; then inject again and apply blister, these treatments being alternated until recovery. Such cases usually cannot be successfully handled without veterinary assistance. (2) Saturate wart once daily with glacial acetic acid applied drop by drop.



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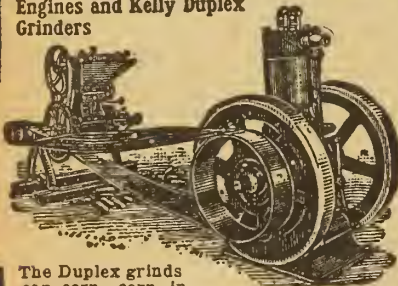
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## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### TESTING COWS INDIVIDUALLY.

The Ohio Experiment Station has recently issued a circular giving some information relating to the individual records of dairy cows.

That station found that in 333 cows tested, these representing eighteen herds, seventy-four cows averaged only 126 pounds of butter fat every year, and thirty produced 300 pounds or more of butter fat annually. Attention is called to the fact that if this proportion is maintained throughout the state of Ohio, there are about one quarter million cows that fall short of yielding any profit whatever, or even paying for their food and care.

A cow at the Ohio station that produced 231 pounds of butter annually paid a profit over and above the cost of her feed of \$24.00, while a stall mate that averaged 330 pounds of butter a year made a profit of \$50.

But it must be remembered that a butter fat yield of 231 pounds annually is seventy or eighty pounds above the average in the corn belt states, and when this reduction is made practically the entire profit disappears.

Attention is called to the fact in the bulletin referred to that in order to make a net annual profit of \$1,000 from a dairy made up of cows that yield on an average of 330 pounds of butter fat a year, it would be necessary to keep thirty-four animals. On the other hand, it would require a herd of 262 cows to yield \$1,000 profit when the butter fat yield per cow averages only 231 pounds per year. The difference in the amount of capital involved in establishing the two types of herds is very great and no man, if he stopped to make the comparison, would think of putting in the herd of cows of the lower capacity, providing the others were available.

Prof. Fraser, of the Illinois Experiment Station, has prepared an interesting table along this same line, showing the mammoth proportions of a herd of low yield required to produce the same profits in a year as a herd of thirty or forty cows with an average capacity of 300 pounds of butter or better. We expect to present this table in the dairy department in an early issue and we believe that many of our readers, who are interested in dairy problems will be startled by the results of Professor Fraser's investigations.

### RAISING CALVES CHEAPLY.

The following communication has been received from a subscriber, Mr. John Shoffer:

I have some calves I desire to raise without feeding them milk and appeal to you for some advice on the subject. It is my intention to take them from the cow just as soon as the milk is ready to use.

We have known so many instances where men have succeeded in stunting the growth of their calves by trying to bring them through without milk that we hesitate to give advice on the subject. Recently our attention was called to a case where calves were brought to an age of three or four months without milk and were apparently in a thriving condition and yet more than half the number died. They died apparently without even going to the trouble of getting sick because the owner in this case said he could detect very little the matter with them.

If any of our readers have succeeded in raising calves, from the time they were three or four days old without using milk and at the same time bringing them through in good thrifty condition, we shall be pleased to give the method for the benefit of Mr. Shoffer and others who are interested in this subject.

We have always considered it wise to veal the calves at the age of six weeks or two months when there was liable to be a shortage of milk. We have preferred this to the making of a runt steer or heifer, though it is just possible that we have been making a mistake all along.

### Unprofitable Cows and Why.

To the Editor of The Homestead:

The unprofitable cow has often been held up before the farmer and ridiculed, her evil doings magnified, and her prop-



Mrs. J. Renken, Trenton, Ia., says "We cleared \$100.00 in six months off seven cows."

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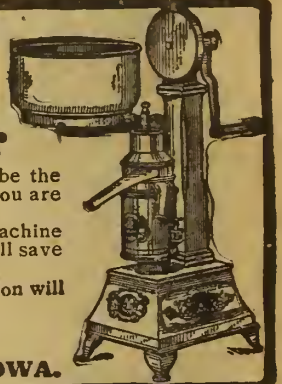
Is a step in advance of all others. We guarantee it to be the lightest running and most convenient machine made. If you are needing a separator, why not get one up-to-date?

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er place pointed out as being the butcher's block. But what is the real cause of unprofitable cows? Mr. W. D. Hoard, the grand old man of the dairy industry, has said, "What we need is a new breed of dairymen." Yes, there are other "banana peels" besides poor cows upon which one may slip while on his way to successful dairying. Men of merit are as essential as cows of merit. The unprofitable, no-purpose man will probably have cows to correspond.

A cow which would be unprofitable to one man might be a source of profit to another. Does it seem reasonable to you to expect a cow which has been running in the stalks all winter to yield much of an income?

I believe that there are very few farmers who do not know that they should weigh and test, and who do not know something of the intelligent management of a herd. The farm journals are full of good ideas. The advantages of the Babcock test have been pointed out so often, but, as yet, I think there are comparatively few unprofitable corn belt cows that are on their way to the butcher's block. They are probably about as far from the block as some of their keepers are from having a comfortable bank account. I have heard some farmers say, "I wish I had time to test my cows and care for them the way we are told to do, in the papers, but I have too much else to do. I'll do that some day when I get more time." Industry does not need to wish. Benjamin Franklin said, "He that lives on hope will die fasting," and "Drive thy business, let it not drive you."

I do not mean to say that everything you read in a farm journal can be put into practice on your particular farm, nor that one should experiment with every new idea that comes into print.

Lord Bacon gives us this advice, "Read not to contradict nor confute; nor to believe and take for granted; nor to find talk and discourse; but to weigh and consider. Some ideas are to be thrown away after being tasted, others to be swallowed, and some to be chewed up and digested." If there is anything under the sun that the keeper of cows needs to taste, chew up, swallow, digest and assimilate, it is the scales and Babcock test. It would certainly be the most excellent spring tonic for this unprofitable keeping of cows. Those who have used it say that it puts new life into the worker by arousing interest, throws the poisons out of the system (the unprofitable cows) and is a positive cure for cramps in the cream check. The bank account is toned up and assumes a healthy, ruddy glow. There is no danger of taking an overdose. Give it a fair trial and you will never be without it again, for there is positively nothing so absolutely indispensable to healthy dairying.

Whenever you see a farmer going about with a long face, complaining at the treatment he gets from the creamery, and moaning about there being no money in keeping cows, you can at once set him down as one who is not pushing his business, but is letting it push him. Recommend that he "take something for what ails him." Tell him to try a dose of "Tonique de Babcock."

Herman Horneman.

Agricultural College, Ames, Iowa.

### Calf Scours.

If there is one question asked more frequently than any other in connection with calf raising, it is what to do for scours.

There are two distinct diseases known by this name. The more serious, but,



fortunately, the one least frequently met with, is a germ disease called white scours. Of its origin or treatment but little is positively known by even our best authorities. So many out-breaks have occurred in aborting herds that some claim there is a close relationship between the germs that cause both diseases and that the calf is born with the germs already in the digestive tract. Others claim that the germ enters the system through the raw navel and claim immunity by sprinkling the bedding and stall with carbolic acid water before the calf is dropped and upon birth, anointing the navel with some good disinfectant. For this last purpose a mixture of iodoform and boracic acid in equal parts has been recommended. These precautions are no doubt wise where the disease is anticipated.

As a remedy, high authorities advise castor oil, but I have never yet seen good results from its use and I will confess that I have had a prejudice against the castor oil bottle dating from infancy. I am seriously impressed with a maxim which I once got from a veterinarian, which is: "Better do nothing than do worse."

I have never had but one case of this disease. The dam had aborted twice and the calf showed symptoms soon after birth, which developed into quite a severe case in a few hours. I milked the cow nearly dry, so that the calf could get but little nourishment, and that in the natural manner. The calf soon recovered and is now one of the thriftiest animals in our stable. But of course, "one bird does not make a summer," and this is only one case.

Mr. George Wylie reports good results with soothing sirup, giving two or three teaspoonsful daily, according to the severity of the case. Mr. H. C. Taylor, while administering prescribed medicines, says he has had the best success with those calves that were left with their dam. Calves with this disease usually die or recover in a few hours.

The other form of scours is far more common, but not nearly as serious. It is usually a mere diarrhea resulting from indigestion, the primary cause of which, nine times out of ten, is injudicious feeding. Sweet milk in proper quantity, fed from clean pails, with what fresh water the calf wishes to drink, plenty of wholesome, dry feed, fed in a manger, roomy, dry and well littered quarters are all factors in raising

healthy calves.—(L. E. Scott, in Wisconsin Annual.)

#### CALVES RUNNING WITH COWS.

The following communication has been received from a Kansas subscriber:

I am engaged in dairying in an indirect way, though instead of marketing my finished product in the form of butter or cheese I send it to market on the hoof. To be brief, I will say that I am engaged in breeding Short-horn cattle and it has always been my belief that no man in raising beef cattle could afford to be anything but liberal in the use of feeds. I allow my calves to suck the cow, and what I desire to ask is, which is the better plan, to let the calves run with the cows or to shut them up in yards or lots and allow them to have their milk twice a day only? I have heard it stated that one would spoil a cow as a milker if the calf were allowed to run with her. Is there anything in this theory? What are the relative advantages of the two methods in your opinion? Which plan will make the best calf, ordinarily?

Generally speaking, it is more advisable to let calves suck twice a day after they are a week or two old than to allow them to run with their dams. In the first place this method develops the udder of the cows much better than if the calf is allowed to run with them. In the next instance one can develop the eating habit much more quickly this way, and it is not unreasonable to expect a young calf to be on a good grain ration by the time he is five or six weeks old, providing, of course, that it is not allowed to run with its dam. This enables one to wean a little earlier and it also takes a calf through the weaning period much easier on both the cow and the calf than if they are allowed to run together all the time.

Then, again, if one desires to breed early it is absolutely necessary to take the calf away. It has always been our opinion that it is an easier matter to keep a cow up in flesh when the calf sucks but twice a day than is the case where it runs in the pasture with its dam.

Some might object to the trouble involved in putting the cow in the stanchion and turning the calf out, but this is after all an insignificant matter. We believe that in the case of any breed of beef cattle it will pay to do a little stall feeding almost the year round when the cows are giving milk, and it involves but little work to turn the calves to the dams at feeding time. We have in mind many instances where men make a mistake by turning pure-bred cows and calves out in the spring and letting them

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**Empire Cream Separator Co.,**  
 Bloomfield, N. J. CHICAGO, ILL.



run until fall without giving any special attention to either. When weaning time comes the probabilities are that the calf will lose anywhere from fifty to one hundred pounds before it settles down to eating, and it is our opinion that a perfect recovery is never made from a period of this kind.

After all, the best excuse that one could give for the practice of keeping calves away from their dams most of the time would be that nearly all successful breeders of beef cattle adopt this practice, and unquestionably their practice is based on wisdom.

#### How Valuable is the Manure Spreader?

To the Editor of The Homestead:

I am glad to see you invite users of spreaders to answer alongside of the makers who pay for space.

I had what I thought was a good system of handling manure before purchasing a spreader, which in brief is this: Low, wide-tired wheels on a wagon weighing 800 pounds less than a spreader of equal strength. I scattered in streaks and harrowed crosswise. The harrow would gather about one-half the manure and distribute the most of it by the time it reached the next streak. If one harrowing did not do well two would do better. We usually loaded from 2,500 to 3,000 pounds of manure and that gave the team about thirty minutes' rest in the field. It takes about fifteen minutes to go and come, according to distance traveled and gates to open, etc., and about forty-five minutes to load on a low narrow box. This makes six loads of 3,000 pounds in nine hours. We have often beaten this record, but the boys soon had blisters on their hands. It would take about one-half hour to do the harrowing when the ground was fit. I think that I have never had a man spread it from a wagon thinner than twenty tons to the acre, except when the spreading was done in streaks and the streaks have been very uneven except when following stalk rows. I think that I have never unloaded a wagon of manure in a cold wind without catching cold.

I got the thin points in the field pretty well covered in 1905 so I invested \$100 in a spreader with 34-inch floor space, weight 1,900 pounds. A good team will handle 1,600 pounds of manure in it as easily as 3,000 pounds in my wagon. When we get to the field the work of the team begins and continues about seven minutes, if we are spreading six loads

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to the acre, and the work is done better and much thinner than by hand and the harrow. Where ground is too rich for more than six loads per acre, additional manure would be worse than thrown away because it would make the grain lodge. Where land is thin I have found no waste in putting on twenty tons per acre.

It takes about one-sixth more time to load a wide, high spreader and keep it oiled and the burrs tight than it does to load a 3x10 wagon box on low wheels. The different kinds of manure need to be forked evenly over the spreader so that the cylinder will scatter it properly. Where land rents for more than \$3.00 per acre and is too rich for more than six or eight loads per acre, a spreader is worth more than \$3.00 per day, I think.  
 Chas. A. Babbit.  
 Brown county, Kan.

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If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

#### CHEAP ONE-WAY RATES.

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.



## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

## Planting an Orchard.

To the Editor of The Homestead:

Every farm should have its orchard. If fruit is desired for home use only, early, medium and late varieties should be selected so as to afford a succession of fruit.

If the orchard is to be a commercial proposition a few standard varieties should be adopted, preference being given those for which the popular demand is strongest.

But there are matters to be considered before the varieties are chosen. The site is to be settled first. Where shall we establish the orchard?

In general, low or bottom lands are to be avoided. They do not drain so well as higher areas of a sloping nature; hold frost longer in the spring and often catch the early frosts in autumn when surrounding high tracts are not visited at all.

Select the highest suitable piece of land on the farm. If it slopes to the south, an important advantage will be had in that the fruit will color more brilliantly than it would were the slope

toward any other point of the compass.

It is essential that orchard lands should be well drained. If the ground slopes, surface drainage will probably be adequate, but it is equally important that underground drainage be secured. This may be accomplished by the use of tile. Very few persons who have not studied the principles of fruit growing will concede that drainage is as important a factor as we would have our readers believe.

Drainage increases the porosity of the soil, makes it more uniform in its relation to the growth it supports, provides for aeration and thus safeguards the trees in a measure against the ill effects of prolonged wet weather and severe freezes.

Well drained soils become warm in the spring earlier than undrained soils. Moreover, they yield more satisfactorily to tillage.

It is a mistake to give an orchard a wornout soil on the theory that trees do not appreciate fertile soil that is also in good mechanical condition. Trees are heavy feeders and inveterate drinkers; they must have plenty of plant food and an abundance of moisture.

A clayey soil in a fair state of fertility can be relied on to nourish fruit trees satisfactorily. Two or three years in red clover following a cultivated crop like corn should serve as an effective preliminary step in chemical and mechanical improvement. An application of phosphorus in the form of raw ground rock phosphate undoubtedly would prove a profitable outlay.

Having selected the site and planned to put the soil in suitable fix for the trees, attention may be turned to the varieties of fruit. In central Wisconsin, where the trees are planted, we include in our list of varieties of apples for a home orchard the following: Jonathan, Winesap, Ben Davis, Rhode Island Greening, Romanite, Smith's Cider, Baldwin, Hutsman, Favorite, Grimes' Golden, Ralls' Genet, Snow, Maiden Blush, Red June, Gano and a dozen others which we do not now recall. We had, all told, about twenty-five varieties on ten acres, Jonathan, Genet and Ben Davis predominating.

For market my experience is that the Ben Davis and Jonathans were the best. These are still the leading commercial sorts in that part of the state.

It is no trick nowadays to get good trees if reputable nurserymen are patronized. I bought of an old-established firm, turning down the local nurserymen whose stock might have done just as well, but I did not want to experiment. If you buy from a big concern which has been in the nursery business for years it will be an accident if you don't get your money's worth. I have great confidence in American nurserymen as a class.

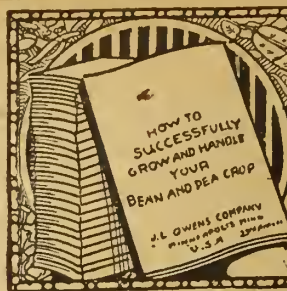
Do not be attracted by cheap prices for trees. The cheapest articles are not usually the best. When buying apple or other fruit trees it pays to get the best regardless of cost. Failure is very expensive in this business.

Secure catalog and price lists from several nurserymen and place your order in good season. It may be that the nurserymen can help you in the matter of selecting varieties. Consult them at any rate. In addition, write to your state experiment station and ask the horticulturist to give you what information he may have that will assist you. Having secured all the advice you can get handily, there is no reason to plant your orchard in doubt or uncertainty; plant it in confidence and firm faith that it will be a success. We prefer spring planting in the region wherein we have had experience. Autumn planting, however, is desirable in many sections. How the trees are set is often of more importance than when they are planted.

Although many extensive orchardists plant trees in small shallow holes, often times furrows made with a plow, I believe that where only a few hundred are to be set it would pay to make big, deep holes, say two feet square and eighteen inches deep, filling them with surface soil to an extent that would leave the trees inserted at about the same depth they grew in the nursery row.

Cut off any injured roots and when introducing the tree spread the roots so that they extend in all horizontal directions.

Cover with surface soil, making a slight mound about the tree, so as to prevent the formation of a water basin by the sinking of the dirt in the hole.



## FREE INFORMATION ON BEAN AND PEA RAISING

If you send us your name and address, we will send you free our new book: "How to successfully grow and handle your Bean and Pea Crop." It will pay you to have this book. It also tells all about the

## OWENS BEAN AND PEA THRESHERS

They are made in large and small sizes, and thresh without splitting the grain, and separate the vines and pods. Write today for a copy. J. L. OWENS CO., 814 Superior St. S. E., Minneapolis, Minn.

## SEED CORN 146 BU. ACRE.

DIAMOND JOE'S BIG WHITE—A strictly new variety: None like it. It is the Earliest and Best Big White Corn in the World—because it was bred for most Big Bushels, not fancy show points; because grown from thoroughlybred inherited stock; every stalk bears one or more good ears; because scientifically handled, thoroughly dried and properly cured and had the most rigid examination. Big Seed Catalog FREE. It tells about all best farm, grass, garden and flower seed grown. Send for it today. Address,

RATEKIN'S SEED HOUSE,

SHEANDOAH, IOWA

Get All Your Hay and Grain is Worth by Shipping to

**HAY GRAIN**  
J. J. CONSIDINE & CO.,  
99 N. JEFFERSON ST., CHICAGO.  
Reference: National Bank of the Republic.

HIGHEST QUOTATIONS AND QUICKEST RETURNS.

Write Today For Market Quotations. Free Upon Request

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

## Seed Corn

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grown Seeds. Get our catalog. THE ADAMS SEED CO., Decorah, Iowa.

The first three or four years small fruits and possibly potatoes and cultivated crops may be grown between the rows of trees, but as soon as the orchard begins to bear, the land should be given over entirely to the trees.

Cultivation should be persistent. A surface working tool is best for orchard work. Some implement manufacturers build several types of harrows especially adapted to orchard cultivation. In autumn a cover crop should be sown. Wisconsin. W. Stenson.

## DEATH TO GOPHERS AND GROUND SQUIRRELS.

The best time to rid your farm of ground squirrels, pocket gophers and prairie dogs is right now before the season is far advanced. No rodent on the farm is more destructive than these pests. They will destroy whole fields if not killed, and much of the seed will be removed by them before it has time to germinate. Many meadows are destroyed by pocket gophers and many orchards and gardens are despoiled by their ravages. The best way we know of to get rid of these pests is to use Gopher Death, manufactured by the Ft. Dodge Chemical Co., Ft. Dodge, Iowa. They sell 1,400 prepared tablets for \$1.25, and one tablet will do the work on each gopher. Gopher Death is recommended by the experiment stations, and thousands who have used it. It is the easiest and best way we know of to get rid of them. They also manufacture Ratocide Tablets, which is one of the best rat killers on the market. They sell it at 25 cents. If you are infested with these pests write for free illustrated circular, to the Ft. Dodge Chemical Co. It tells you all about the habits of these pests, and it will be sent to all, provided you mention this paper. See advertisement on page 10.



## THE STOCKMAN'S TELESCOPE—SPECIAL SIXTY DAY OFFER.

Kirtland Bros. & Co., Dept. H. F. W., 90 Chamber St., New York, are now offering their powerful telescope for farmers and stockmen at special prices. They ship this telescope well packed so there is no danger of its being broken in transit. The lens is scientifically ground and adjusted and guaranteed by the makers. The fittings and trimmings are neat and durable. Nearly every land owner has occasion to use one of these telescopes. They are the finest kind of an instrument for the hunter or at summer resorts where it is necessary to look at objects several miles away. At the price at which this telescope is offered, every one can afford to have one on hand. All you need do is to write them enclosing price. See page 20 and if the telescope is not just as represented your money will be refunded. Address them as above.

## FARM FOR SALE BY OWNER.

One of the finest farms, 1,260 acres in extent, in the Northwest is offered for sale elsewhere in this paper. This farm is situated in the southeast corner of North Dakota, two miles from Hankinson. 1,000 acres are under cultivation, the rest is in natural timber and meadow land. The water supply

## SEED CORN



## Golden West

The latest novelty, and decidedly the best yellow corn in existence. It combines all the most desirable characteristics. Is the best rooted, the strongest growing and most productive. Ear large, bright golden yellow, solid and perfect shape. Notice in above cut that ears are about the same size at both ends; see how nicely the kernels wedge in at both tip and butt, and how closely the kernels wedge in grain is deep and solid. Per bu. \$3.00, 10 bu. \$27.00. FREE TO FARMERS—A small sample of this corn will be mailed free if you mention this paper. Also a copy of our large, illustrated catalogue describing the above and all the best varieties Seed Corn and Farm and Garden Seeds. IOWA SEED COMPANY, DES MOINES, IOWA.



300 Plants \$1.00

100 of that choice new variety. Senator Dunlap and 200 of two other choice varieties, and printed instructions with each order on how to grow them. J. L. TODD & SON. BOX 9, WOODWARD, IOWA.

AGENTS wanted to introduce Burbank's wonderful golden plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best position offered salesmen. Oregon Nursery Co., Detroit, Michigan.

is ideal and improvements are first class. Twenty-two head of horses, 100 head of cattle, as many sheep and hogs, and machinery will go in the deal. The natural resources of this place will be fully described by writing to Mr. R. H. Hankinson, of Hankinson, North Dakota. Here is a proposition worth the attention of those looking for a situation of this kind. Mention this paper when you write.

## EASY WAY TO SMOKE MEAT.

The old way of smoking meat by hanging it in an outhouse and building a fire under it is going out of fashion since the discovery of Wright's Condensed Smoke. Here is what a Missouri woman thinks of it: "For-sythe, Mo., April 30, 1906. Gentlemen:—I have bought two bottles of Wright's Condensed Smoke this month. We will never use anything but your smoke for our meats, as we find it much less trouble and it gives the meat a better flavor. Respectfully yours, Mrs. James Harding." Address Messrs. E. H. Wright & Co., of Kansas City, Mo.

## EXCURSION RATE TO PACIFIC COAST.

Daily during March and April, the Minneapolis & St. Louis R. R. will sell one-way excursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at 15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

## SEED CORN

I have an early yellow "Improved Corn," 10 days earlier than "Reid's" corn. I can give history of this corn for 70 years. I sell seed in the ear only and guarantee satisfaction or your money back.

The Counties in which my corn was planted last year by the experiment station and the record was:

COUNTIES.	BU.	COUNTIES.	BU.
Kossuth, -	78-4	Greene, -	65-3
Story, -	62-1	Polk, -	60-4
Chickasaw, -	68-3	Marshall, -	67-5
		Page, -	53-1

G. GREGORY, - - - RALSTON, IOWA  
Half mile north of town. Reference: Ralston Savings Bank.

## SEED CORN

NORTHERN GROWN. Seven varieties. Sold in ear or shelled and graded as you prefer. All our own growing; also all kinds of nursery stock. Send for catalogs.

THE GATEWAY NURSERY & SEED CORN CO.  
Le Mars, Iowa.  
Mention The Homestead.

## Fire or Kiln Dried SEED CORN

OUR leader is Brown's Choice, which we years ago developed from Leaning stock. Reid's Yellow Dent, Iowa Silver Mine and Yellow Haze, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

JOHN E. BROWN & SONS, MITCHELLVILLE, IOWA

## CLOVER

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper. IOWA SEED CO., Des Moines, Iowa.

## Northern Grown Reid's Yellow Dent Seed Corn

EVERY ear tested if you want. Your money back if it don't suit you. Carefully selected and graded.

A. M. AVERY & SONS, MASON CITY, IA  
Phone No. 3, Averydale line No. 2.

## Reid's Yellow Dent Seed Corn

For SALE—From prize-winning seed. Price, \$1.25 per bushel shelled, tipped and nubbed. Tipped seed in box. Address,

JOHN W. DAWDY, ABINGDON, ILL.

## 300,000 RED CEDARS.

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list. GARLAND & FOWLER, AFTON, IOWA

## The Jewell Nursery Co.

(Box 16,) Lake City, Minnesota  
Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1868. Hardy seeds, trees and plants. Agents wanted—Good pay.

## GOLD MEDAL SEED CORN

FROM stock that won the \$2,000 Burg wagon. 300 bushels Reid's Yellow Dent home grown and kiln dried, \$2.00 per bushel in ear, or \$1.75 shelled. Satisfaction guaranteed. Twenty years' experience. W. P. COON, AMES, IOWA

REID'S SEED CORN. Puseall, DeWitt, Inc., the man who grew and exhibited the champion ear of Iowa in 1904 and in January contest in 1907.

SEED CORN. Frank Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.



LIVE STOCK SALES

Harding's Successful Short-horn Sale.

One of the largest gatherings of breeders in recent years was present at the fifth annual Short-horn sale of Mr. F. W. Harding, of Waukesha, Wis., on Wednesday, April 10th. The winnings of this noted herd have placed it in the front rank and the offering this year was up to the high standard which has always prevailed in former sales. Breeders were present from Manitoba and Kentucky and from the states intervening, and competition was keen throughout the sale. Col. F. M. Woods did the selling and was ably assisted by Col. Geo. P. Bellows. In opening the sale Colonel Woods called on Col. W. A. Harris and Assistant Secretary B. O. Cowan, who called attention to the increasing demand for good Short-horns. This sale is remarkable in many respects. The Hardings having been in the Short-horn business for nearly forty years, the breeding of Short-horns descending from father to son, and Anoka herd has not only maintained its high reputation for the excellent quality of its cattle, but each succeeding year has gained in favor until the high average of \$375 on forty-eight head passing through this sale emphasizes the fact that the present owner, Mr. Frank W. Harding, has not only been able to maintain the reputation of his father as a breeder, but gained additional laurels for the Anoka herd in making the highest price obtained in public sale this year. Mr. Thos. Johnson, of Columbus, Ohio, topped the sale, paying \$1,075 for the Scotch heifer, Lucy of Pine Grove 3d, a daughter of Missie Champion. Mr. Johnson secured two very good heifers in Missie of Pine Grove 7th at \$855 and a daughter of Marquis of Zenda and Mandolin, a beautiful Miss Ramsden heifer, at \$600. Mr. F. O. Lowden, of Oregon, Ill., was a competing bidder on the best lots and secured Zoe of Pine Grove 6th, a daughter of Marquis of Zenda, at \$600, Pine Grove Mildred 11th, another daughter of Marquis of Zenda, at \$800, and Imp. Princess Royal at \$620. Mr. N. A. Lind, of Rolfe, Iowa, secured Imp. Dum-Na-Glass Nonpareil at \$760 and Imp. Missie 159th at \$510. Mr. Geo. Allen, of Lexington, Neb., secured Bampton Crocus, a daughter of Imp. Banker, at \$790, with white bull calf at foot by Whitehall Sultan. Mr. Fred Ayres, of Athens, Ill., was fortunate in being the purchaser of Lily of Pine Grove 3d, a daughter of Village Champion, at \$700. The bull consignment was topped by the Flynn Farm Company, of Des Moines, Iowa, who secured the yearling show bull, City Marshall, one of the best sons of the noted champion, Whitehall Marshall, at \$900. Mr. Robt. Fallon, of Neponset, Ill., was the competing bidder and secured the yearling bull, Sultan Commander, a show calf, at \$655. Messrs. Carpenter & Ross being the competing bidders. A complete list of sales follows:

FEEMALES.

Dum-Na-Glass Nonpareil, four years, sire Villager, and c. c., N. A. Lind, Rolfe, Iowa ..... \$760  
Missie 159th, nine years, sire Spicy Robin, same ..... 510  
Missie of Pine Grove 7th, two years, sire Marquis of Zenda, Thos. Johnson, Columbus, Ohio ..... 855  
Bampton Crocus, seven years, sire Imp. Banker, Geo. Allen, Lexington, Neb... 790  
Zoe of Pine Grove 6th, two years, sire Marquis of Zenda, F. O. Lowden, Oregon, Ill. .... 600  
Lily of Pine Grove 3d, two years, sire Village Champion, Fred Ayres, Athens, Ill. .... 700  
Pine Grove Mildred 11th, three years, sire Marquis of Zenda, F. O. Lowden, 800  
Charity Floss, three years, sire Golden Charity Prince, Milton E. Jones, Williamsville, Ill. .... 355

Horse Owners! Use

GOMBAULT'S

Caustic Balsam

A Safe, Speedy, and Positive Cure

The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.

THE LAWRENCE-WILLIAMS CO., Cleveland, O.

Plainville Lassie, nine years, sire Indian Wave, Ira Cottingham, Eden, Ill. 625  
Princess Royal, eight years, sire Maximus, and c. c., F. O. Lowden ..... 620  
Athene of Edna, five years, sire Earl of Browndale, E. S. Kelley, Yellow Springs, Ohio. .... 400  
Lucy of Pine Grove 3d, two years, sire Missie Champion, Thos. Johnson... 1,075  
Lady Darnley, five years, sire Darnley, H. F. Brown, Minneapolis, Minn... 600  
Pine Grove Clipper 11th, one year, sire Missie Champion, W. H. Earles, Milwaukee, Wis. .... 605  
Nonpareil Maid, three years, sire Lord Lovely, Carpenter and Ross, Mansfield, Ohio. .... 310  
Nonpareil Queen, two years, sire Lord Lovely, Peter Stoeffel, Lancaster, Wis. 200  
Queen of Gerry, two years, sire Lord Lovely, Geo. Allen, Lexington, Neb... 155  
Riverside Queen, two years, sire Lord Lovely, Frank Richardson, Lancaster, Wis. .... 315  
Mandolin, four years, sire Imp. General White, Thos. Johnson ..... 600  
Imp. Circe 7th, four years, sire Ptilvie Merry Lad, and c. c., Fox & Gallagher, Oregon, Wis. .... 285  
Autumn Violet, one year, sire Imp. Magenta, E. J. Jones, Morris, Minn... 315  
Violet of Anoka, two years, sire Imp. Baron Neaufort, S. Fletcher, Mattison, N. Dak. .... 150  
Emma 5th, one year, sire Scottish Victor, Richard Maurer, Fox Lake, Wis. 230  
Missie B., one year, sire Royal Crown, T. B. Hart, Edinburg, Ill. .... 225  
Village Queen, two years, sire Lord Raglan, H. B. Drake, Beaver Dam, Wis... 165  
Clementina, one year, sire First-in-the-Ring, Peter Stoeffel ..... 140  
Diamond of Lakeside 3d, four years, sire Commodore Dewey, and c. c., Peter S. Pedley, Etna, Wis. .... 105  
Dum-Na-Glass Nonpareil 5th, two years, sire Butterfly King, E. J. Jones ..... 150  
Butterfly Belle, three years, sire Fancy Chief, Geo. Allen ..... 200  
5th Maple Hill Rosamond, four years, sire Headlight, and c. c., E. J. Jones... 215  
Pretty Mollie, two years, sire Baron of Springbrook, Waffer Miller, Peru, Ind. .... 220  
Sally Lass, two years, sire Inspector, Frank Clay, Warren, Wis. .... 150  
American Girl, three years, sire Aylesbury Duke, and c. c., S. F. Fletcher, Mattison, N. Dak. .... 200  
Orange Blossom, two years, sire Imp. Perfection Prince, Hill & Anderson, Chicago, Ill. .... 165  
Anoka Mary 2d, two years, sire Anoka Archer, Frank Clay ..... 160  
Pearl Banner, two years, sire Golden Banner, Amos J. Miller, Mukwanog, Wis. .... 120  
Onoka Isabelle 2d, two years, sire Whitehall King, Frank Clay ..... 130  
King's Princess, two years, sire Whitehall King, Geo. Storey, Assumption, Ill. .... 130  
Pansy, two years, sire Roan King, same Louisa of Anoka, two years, sire Imp. Golden Banner, same ..... 110

MALES.

Sultan Commander, one year, sire Whitehall Sultan, Roht. Fallon, Neponset, Ill. .... 655  
City Marshall, one year, sire Whitehall Marshall, Flynn Farm Company, Des Moines, Iowa ..... 900  
The Goods, one year, sire Whitehall Sultan, Geo. Storey, Assumption, Ill... 530  
The Scotchman, one year, sire Whitehall Marshall, Hill & Anderson, Chicago, Ill. .... 310  
Marshall Cup, one year, sire Whitehall Marshall, Thos. Mathews, Brown's Grove, Ill. .... 190  
Rob Roy's King, one year, sire Whitehall King, Peter Stoeffel, Lancaster, Wis. .... 250  
Gloster King, one year, sire Whitehall King, L. E. Suprenaut, Kankakee, Ill. .... 350  
Lancaster, one year, sire Glory, D. H. Syme, Glenwood, Wis. .... 280

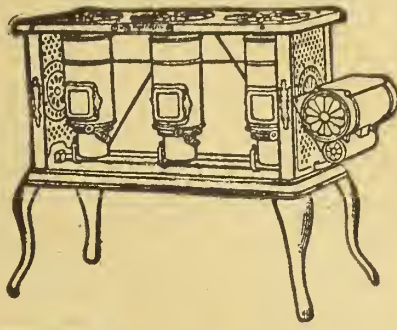
SUMMARY.

40 females ..... \$14,565; average... \$364  
8 bulls ..... 3,465; average... 433  
48 head ..... 18,030; average... 375

The Andrew County Short-horn Breeders' First Sale.

The first annual sale of Short-horn cattle made by the Andrew county Short-horn breeders, at Savannah, Mo., on April 2d, drew a few breeders from a distance, and if these gentlemen will continue their annual sales they can in a few years build up a trade that justifies the effort. The men who contributed to this sale are all energetic breeders and men who have the interest of the breed uppermost in their mind. They also have good cattle and their offerings as a whole were of the kind that merited every dollar they brought. Some few were offered in rather thin flesh and some were too young to bring what their owners possibly hoped

What "Blue Flame" Means



It means the hottest and cleanest flame produced by any stove. This is the flame the New Perfection Oil Stove gives the instant a lighted match is applied—no delay, no trouble, no soot, no dirt. For cooking, the

NEW PERFECTION Wick Blue Flame Oil Cook-Stove

is unequalled. It gives quick results because its heat is highly concentrated. Cuts fuel-expense in two. Made in three sizes. Every stove warranted. If not at your dealer's write to our nearest agency.

The **Rayo Lamp** is the best lamp for all-round household use. Made of brass throughout and beautifully nicked. Perfectly constructed; absolutely safe; unexcelled in light-giving power; an ornament to any room. Every lamp warranted. If not at your dealer's, write to our nearest agency.

STANDARD OIL COMPANY (INCORPORATED)



for. This cut the average to quite an extent. On the entire offering of forty-two head an average of \$76.65 was made. The top on hulls was \$250, paid by Mr. Chas. Sweet, of Filmore, Mo., for Cashier, the Cruickshank Violet herd hull sold by Messrs. R. A. Coffey & Son. Mr. Sweet made no mistake in purchasing this hull. The top on females was \$177.50, paid by Mr. Chas. Selgfried, of Amazonia, Mo., for Lot 11, a Young Mary cow and heifer calf, consigned by Mr. P. W. Hoshor. Colonel Bellows conducted the sale and did excellent work. Mr. H. R. Coffey, who managed the sale, also deserves credit for the work he took on in pushing this their first sale through to a successful end. Following is a list of all sales of over \$100:

FEEMALES.

Cashier's Dalsy, two years, sire Cashier, J. B. Force, Savannah, Mo. .... \$100.00  
Ellen, five years, sire Roan Lee, Geo. Dixon, Savannah, Mo. .... 105.00  
Lily, eight years, sire Young Aberdeen, same ..... 112.50  
Ida, four years, sire Groves, Nlm Marrls, Savannah, Mo. .... 157.50  
Red Rose, three years, sire Groves, Perry Cochran, Filmore, Mo. .... 107.50  
Nellie, three years, sire Refiner, and c. c., Chas. Selgfried, Amazonia, Mo. .... 177.50  
Queen of Maple Lawn, one year, same 105.00

MALES.

Scotch My Lord, two years, sire Solon, Nlm Marrls ..... 135.00  
Cashier, six years, sire Victoria Chief 2d, Chas. Sweet, Gilmore, Mo. .... 250.00  
Cashier 3d, one year, sire Cashier, Chas. Selgfried ..... 110.00  
Gloster Boy, four years, sire Gloster, Geo. Dixon ..... 105.00  
Gloster Beauty, one year, sire Gloster Boy, J. B. Williams, Savannah, Mo. 100.00

SUMMARY.

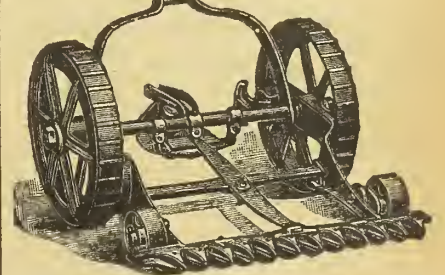
26 females ..... \$2,022.00; average... \$77.77  
16 bulls ..... 1,197.50; average... 74.85  
42 head ..... 3,219.50; average... 76.65

The Daviess County Short-horn Breeders' Sale.

The sale of Short-horn cattle held at Galatin, Mo., on April 5th by the Daviess county Short-horn breeders was attended by but few breeders from any distance, and these from joining counties. The offering as in most combination sales consisted of some fairly good cattle and some that should never have been put through a sale ring. Farmers were never more discriminating buyers than at the present time and to get their cattle in presentable condition. On the entire offering an average of upwards of \$60 was made. The top of the sale was \$162.50, paid by Mr. Louis Best, of Pattonsburg, Mo., for Courtier's Best, a Clay-bred bull sold by Mr. T. A. Walls, of Jameson, Mo. Mr. R. E. Maupin, of Pattonsburg, Mo., took Nellie of Maple Hill at \$115 and Crimson Rose at \$125. Both are Scotch cows and were bought worth the money. Knight Watch, a roan yearling bull consigned by Mr. J. V. Goodbar, sold for \$127.50, to Mr. C. J. Feurt, of Pattonsburg, Mo. These were the only sales of \$100 or over. Col. Geo. P. Bellows did the selling and kept the ball rolling even under the adverse circumstances.

Clipper Lawn Mower THE MOWER

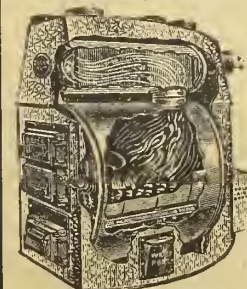
THAT will kill all the weeds in your lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1-12 in. Mower, \$5; No. 2-15 in. Mower, \$6; No. 3-18 in. Mower, \$7; No. 4-21 in. Mower, \$8. Send draft, money order or registered letter. Mention 'The Homestead' when writing.

Install Bovee's Hot Air Furnace NOW!

Save 40% on Your Heating Plant and Be Ready for Cold Weather.



They have the Return Circulating Radiator and Hot Blast Ventilating System, and use 1/2 less fuel than other Furnaces. Our Catalog, Plans and Specifications for heating plant sent free.

BOVEE GRINDER & FURNACE WORKS WATERLOO, IOWA

FOR SALE.

An All Stock of Dry Goods and Shoes.

A NEW STOCK in the best agricultural and man A manufacturing city in the state of Iowa; 18,000 inhabitants; rent reasonable. The best store and location in the city; no trades considered; doing a first-class cash business. Address A. F. care of The Homestead.

WANTED: Consumers all over the United States Sugar at \$1.95 per hundred pounds direct from wholesaler. Send no money; send 6 cents in stamps, your name, postoffice address and we will send grocery price list circular No. 1. directions to obtain the sugar. Ames Wholesale Mercantile Assn., Ames, Ia.

....WATERPROOF.... RUBBER ROOFING

1-Ply \$1.35  
2-Ply \$1.90  
3-Ply \$2.50

A PERFECT ROOF. Needs no coating and has no sand on it to cover defects. EVERY ROLL GUARANTEED. Will stand any climate, is acid proof, water proof and will outlast shingles at one-third price. Can be returned if not just as we represent and money will be refunded. Send for samples. References: City and State Books. Shipping points, St. Louis, Missouri and West Branch, Iowa.

SOLD DIRECT to the FARMER

FARMERS SUPPLY CO., WEST BRANCH, IOWA.



# KRESO DIP

**"KRESO" KILLS ALL KINDS OF LICE. KRESO DIP CURES MANGE & SCAB. CUTS, WOUNDS, SORES, RINGWORM etc. KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT**

**FOR ALL LIVE STOCK**

**HARMLESS. EFFECTIVE. INEXPENSIVE.**

**STANDARDIZED**

**SEND FOR FREE BOOKLET ON:**

**CATTLE HORSES HOGS SHEEP POULTRY DOGS**

For sale at all drug stores.

**PARKE, DAVIS & CO.**

Home Offices and Laboratories, DETROIT, MICHIGAN.

**Succeed with a Successful**

Simple, self operating machines, sure of results. Take the least care and can be depended on for big batches under all conditions.

**INCUBATORS AND BROODERS**

with records, not experiments. Many thousand long-time users, all satisfied. Send to

**Des Moines Incubator Co.,**  
Dept. 60 Des Moines, Iowa.

Incubator and Poultry Catalog **FREE.** Booklet, "Proper Care and Feeding of Small Chickens," 10c. 50c poultry paper one year, 10c.

**STANDARD AND UTILITY.**

MONROE, IND., March 4, 1907.

WM. MICHEEL—DEAR SIR: The sitting of Light Brahma eggs, which I bought from you last year, were all right. We got fourteen chicks out of them. I took three cockerels and four pullets to the poultry show at Decatur and won 1st, 2d and 3d on cockerels and 1st, 3d and 4th on pullets. Send me price of eggs this year of Light Brahmas and Barred Rocks.

Respectfully, Michael Miller.

MONROE, IND., April 9, 1907.

WM. MICHEEL—DEAR SIR: I will send you a small order, \$3.00, for one sitting of L. A. Brahma eggs from same matings as last year, and one sitting of Barred Rocks. Am also sending you score card of two of my birds at the show at Decatur, Ind., one cockerel (score 93%) and one pullet (score 93%) being out one point on weight. Wick H. Hathaway, Judge. And then I didn't get a fair deal, as the president had everything fixed for himself.

Yours, Michael Miller.

Please look up my advertisement on page 15, and give me a trial. I can give you your money's worth.

WM. MICHEEL, Box 130, LAWLER, IA.

**This 230 Egg Incubator**

**\$12.75**

**ONLY**

**We Pay the Freight**

East of the Rockies.

Here's an offer never before equalled. The famous

**Royal Incubator**

sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalog of incubators, brooders, poultry and all supplies free. Booklet, "Proper Care and Feeding of Chickens," 10c. 50c poultry paper one yr., 10c.

Royal Incubator Co., Drawer 755 Des Moines, Ia.

**A Hundred Per Cent**

Is no uncommon hatch for

**Petaluma Incubators**

They are the oldest and most reliable machines on the market. Results are uniform and always high. Redwood and copper materials. Devices purely scientific and sure. Write us for free catalogues.

**PETALUMA INCUBATOR CO.,**  
Box 4, Petaluma, Cal. Box 3, Indianapolis, Ind.

**We pay freight in the U. S.**

POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

CONFINEMENT FOR FATTENING POULTRY.

This is a subject which has received a great deal of discussion during the last few years, and methods of fattening poultry have consequently experienced a great many changes. The fact that an animal or a bird at rest generally accumulates more flesh than one at liberty has led a great many poultry feeders to confine their fattening birds. It is generally known that in large establishments that make a specialty of this work the birds are crated so closely that they scarcely have room to turn around. The fattening operation where confinement is so close as this, of course, does not last more than a few weeks, and the result is that this "forcing" process makes very tender and plump meat.

A great many people are opposed to this method of fattening poultry. They maintain that this inactivity on the part of the fattening bird causes a stagnation of life processes which could not result in a fine-flavored, healthy carcass. It is argued, also, that if poultry are given some liberty they will have better relish for their food and consequently make better gains.

On the other hand, those who support the idea that close confinement has no unfavorable results on the carcass claim that the fattening period is so short that during that time a fowl maintains a keen relish for its food and the life processes in the body are normally active. It used to be common for farmers to allow their fattening poultry all the range they desired, and when it came to sell them they were simply driven into the hen house, crated and taken to market. However, the high prices of poultry have caused a great many to see a profit in penning up their fowls and bringing them to a higher condition before marketing. This is done by confining them in crates which allow them more or less liberty and could not in any possible way result unfavorably to their health if they are kept under any decent kind of sanitary conditions. It is quite likely that fowls may be closely confined if they are kept in clean quarters and given plenty of air, sunlight and water. Under these conditions a little ground feed will bring the poultry to a splendid condition and great gains can be made in a short time. It is probably safe to say that a little exercise is generally better for fattening than either close confinement or full liberty.

AN OLD NOTION EXPLODED.

The belief is quite common that geese will make a pasture distasteful and even harmful to horses and cattle. There is an old saying: "Geese destroy in front, and poison behind." That they destroy in front is true in the sense that they clip the grass and herbage much closer than any other living thing, literally leaving nothing for the other stock. This would be sufficient reason for cattle and horses to seek another pasture. There is no proof whatever that they interfere in any other way with the welfare of their grazing companions. They are as cleanly as any poultry, and their presence helps pastures ultimately by the amount of fertilizing material which they furnish. It is an unwarranted slander on one of the most profitable species of poultry, and one which should be vigorously refuted.

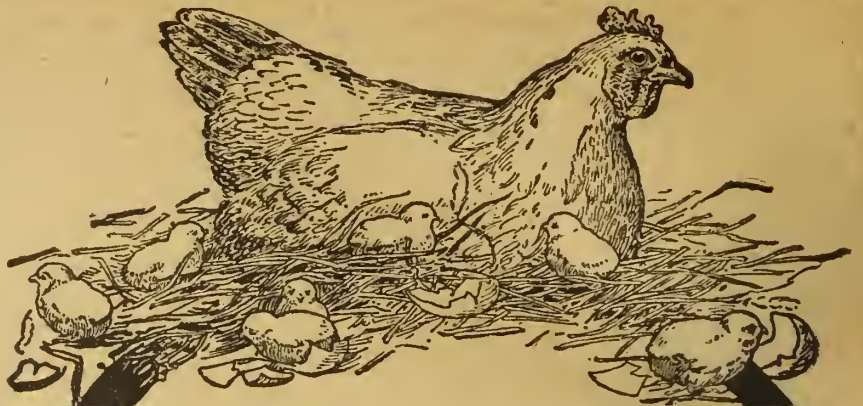
Feather Plucking.

To the Editor of The Homestead:

You forward me the following inquiry received from one of your subscribers at Harlan, Iowa:

Please tell me through the columns of your paper why chickens pull feathers from one another and eat them. Ours have been at it all winter. When a feather flies, all run for it. The plumage, of course, is injured by the habit. What is the cause and how may it be cured?

A great source of annoyance in the poultry yard is the habit that birds sometimes acquire of plucking the feathers out of one another and eating them. Sometimes the cock bird may be seen holding his head down and standing quietly while the hens pluck the feath-



How to Raise Young Chicks

The difficulties encountered in raising young chicks are numerous. Disease and lice are said to destroy nearly 50% of the annual poultry crop. Errors in diet and unsanitary conditions also help to decrease the poultry profit. But you do not need to suffer these losses if you will give poultry half the care you give other stock. Besides

DR. HESS POULTRY PAN-A-CE-A

is guaranteed to prevent and cure gapes, cholera, roup, indigestion, etc., allaying fermentation and destroying the germs of disease. By its special tonic properties it increases the powers of digestion and assimilation and compels the system to appropriate the maximum amount of food to egg production, also making the young grow fast, healthy and strong. Besides increasing growth and egg production Dr. Hess Poultry Pan-a-ce-a has special curative properties peculiar to itself. Take no so-called poultry food as a substitute. Remember that Dr. Hess Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., D. V. S.) and bears the endorsement of leading poultry associations in the United States and Canada, and is sold on a written guarantee. It costs but a penny a day for about 30 fowls. Feed Poultry Pan-a-ce-a as directed, sprinkle Instant Louse Killer on the roosts, nests and into the dust bath, and we guarantee you will have no loss from disease.

1 1/2 lbs. 25c. mail or express 40c. } Except in Canada  
5 lbs. 60c. 12 lbs. \$1.25 } and extreme  
25 lb. pack \$2.50. } West and South.

Send 2 cents for Dr. Hess 48-page Poultry Book free.

DR. HESS & CLARK, Ashland, Ohio.

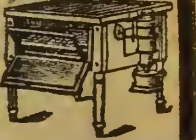
INSTANT LOUSE KILLER KILLS LICE

INCUBATORS ARE MONEY-MAKERS

The "Sure Hatch" kind pays best, because it's sure. It's the kind that runs itself with the least oil and gets the most chickens. For ten years the

**SURE HATCH INCUBATOR**

has been a leader, without an equal in construction, appearance, results produced or low prices. 130,000 in use. We Pay Freight. Unlimited time given for trial. Our goods guaranteed 5 years. Our new Sure Hatch Book tells all about our machines. Worth dollars, but FREE to you. Write today. Sure Hatch Incubator Co., Box 16, Fremont, Neb., or Dept. 16, Indianapolis, Ind.



DOGS.

PATS! My Scottish Terriers will make them dig. Very fine puppies, males \$10, females \$7; pedigree with sale. Bred bitches \$25. Registered and expert raters. S. W. Harr, Riverside, Iowa.

ers from his head until it becomes bare and often streaming with blood, or, in other instances, the hens will be noticed picking feathers from each other until they are almost naked. Whether the fowls are intended for the show pen, for table purposes, or for egg production, feather-eating is a most unpleasant practice to contend with. One bird will learn this trick from another, so that if it is allowed to go on all the yard will speedily acquire it.

Cure is nearly hopeless when it has gone far. As a rule, feather-eaters are more often found in small confined places than when the birds have a large grass run. Various reasons are given to account for this troublesome habit. Over-feeding or a diet of too stimulated a nature, insufficiency of animal food, an inadequate supply of sulphurous food, thirst, want of occupation—all these and many others are among the supposed causes. Where the poultry in small yards have been fed with too stimulating a diet the blood becomes ever-heated and irritation ensues, consequently the bird picks itself to secure relief and the practice travels to the other fowls. Want of sulphur is a very usual cause of this bad habit, for sulphur enters largely into the composition of feathers. Fowls when they have a free range obtain a quantity of sulphur from weeds and other vegetable food, particularly from the seeds of plants, also from beetles and other insects which they find in their wanderings. But poultry in confinement are debarred from this.

Another likely inducement to feather-eating is want of occupation. When cooped up in close quarters the birds have little to do after they have had their meals. They sit huddled up close together and for amusement they peck

The Reliable's 25th Birthday

This is our Silver Jubilee year. For 25 years Reliable Incubators have represented the latest and best in incubator building. They have stood the test of practical use all this time and are farther in the lead than ever. Send for free catalog. Reliable Incubator & Brooder Co., Box 103, Quincy, Ill.



**GREIDER'S FINE CATALOG 1907** tells all about pure-bred poultry and describes 60 varieties, 10 beautiful natural color plates. Gives reasonable prices for stock and eggs; how to cure diseases, kill lice, make money. This valuable book only 10c. B. H. Greider, Rheema, Pa.

HAWKEYE LICE KILLER

Will absolutely rid your fowls of mites and vermin. Best deodorizer and disinfectant. Send for descriptive circular. Sample gallon can, 75 cents. Hawkeye Chemical Co., Drawer H, Knoxville, Iowa

at one another's plumage until they acquire a taste for feathers.

As soon as this disease is noticed the offender should be removed from the others and fed on a cooling diet, with a good allowance of green food. When there is feather-eating it is well to give the fowls some sulphur, about a tea-



A Scottish terrier, such as are owned and bred by Mr. S. W. Harr, of Riverside, Iowa. See advertisement on this page.



spoonful in the soft food to every three fowls twice a week. Give employment to fowls by scattering their feed in the litter. If none of these suggested remedies are of any avail it is better to kill the culprits. B. F.

Be careful what your hens eat. Food flavors the egg. What kind are the hens getting? Fish, onions, or manure piles are certainly not conducive to good flavor.

Unless a poultryman has a good stock of patience, perseverance, pluck, enterprise and capital, he will have a hard road to travel.

### \$300,000,000 in Eggs.

The busiest spot on the face of the earth is Uncle Sam's farm, and the busiest thing on the whole busy ranch is the Great American Hen. Biddy's joyful cackle begins on the New England coast at sunrise; follows the morning light across the prairies of the middle West, and ends only at the "jumping off" place—the Golden Gateway to the Pacific. Every five years Biddy doubles her business. Think of that—twice as many eggs, chicks, fowls, in 1905 as in 1900, and this year will probably show a total credit to Biddy's industry of about \$300,000,000. What is the rest of Uncle Sam's barnyard doing to compare with that showing? There's no mistaking a patent fact—Biddy "cuts the ice," and the American farmer and his hustling wife are getting "wise" to the fact. Everywhere the land is dotted with chicken coops and hen yards. The man with a farm, the man without a farm, and the suburbanite, have all gone into poultry, and those who put brains in, too, are getting dollars out. This kind of people, hundreds of thousands of them, keep fowls in a healthy and prolific condition the year round by feeding Dr. Hess Poultry Pan-a-ce-a, which gives the fowl in confinement, by perfect digestion and assimilation, the same elements she would find for herself if at liberty. Careful study and experiment under just the conditions that the average poultryman finds in his own yard, led Dr. Hess to the gradual perfecting

of his Pan-a-ce-a. It is not a stimulant, and should not be confounded with preparations of that class. It does not excite unnatural production only to leave the hen exhausted and unprofitable. Rather, it makes a hen natural under unnatural conditions, by supplying iron for the blood and nitrates to help nature in throwing off poisonous matter, so that "tone" and vigor are given the whole system, and disease eliminated. It is easy to see from this how important Poultry Pan-a-ce-a is to the hen man. Dr. Hess & Clark, of Ashland, Ohio, are so sure of its positive merit that they cheerfully give a guarantee with every package. All they ask is that you use it according to directions. If you do and occasionally sprinkle the roosts, nests and fowls with Instant Louse Killer your success in poultry culture will be large. It costs but a penny a day to feed it to thirty fowls.

### POINTERS.

—Barred Plymouth Rock eggs from exhibition birds are offered for sale by Mr. W. W. Scholes, of Onawa, Iowa. He is pricing these at \$2 per fifteen.

—White Wyandottes exclusively. That is what Mr. A. J. Podendorf, of Logan, Iowa, breeds, and he is selling eggs from his best matings at \$1.50 for fifteen or \$2.25 per thirty.

—Mr. Henry Olerich, of Rolfe, Iowa, is prepared to furnish readers of The Homestead with White Leghorn eggs at a very low price. His advertisement appears on this page.

—Eggs from prize-winning Black Langshans, scoring as high as 94, are offered for sale by Mr. W. W. Baskerville, of Earlville, Iowa, whose advertisement quoting prices appears on this page.

—Mr. J. E. Wright, of Pleasantville, Iowa, advertises eggs from Single Comb Buff Orpingtons, \$1 per sitting, \$5 per 100. See advertisement on this page. Write him and mention The Homestead.

—Mr. Arthur T. White, of Red Oak, Iowa, writes he is offering eggs from heavy, thrifty birds which are well marked; they are barred to the skin. See his Barred Plymouth Rock advertisement on this page.

—Barred Plymouth Rock eggs from the leading strains and from large birds are offered for sale in this week's issue by Mr. J. E. Wehr, of Portsmouth, Iowa. He is

pricing these at \$1 per sitting, or \$4 per 100.

—Messrs. Aye Bros., of Blair, Neb., are offering Barred Plymouth Rock eggs of the Bradley and Norval strains for sale at \$1 per fifteen or \$4 per 100.

—Mrs. A. H. Klepper, of Muscatine, Iowa, breeds Light Brahmas, and in her advertisement on this page she is offering eggs from her farm range flock at very liberal prices.

—Mrs. W. P. Miller, of Allison, Iowa, can supply readers of The Homestead with Barred and White Plymouth Rock eggs at prices named in her advertisement appearing on this page of The Homestead.

—Mrs. L. C. Reece, of Prescott, Iowa, has one of the best flocks of Barred Plymouth Rock chickens in southern Iowa. She is now shipping eggs and will be pleased to hear from any of our Homestead readers.

—For eggs from fine Barred Plymouth Rocks which score as high as 92½, and mated to choice cockerels, write to Mr. H. I. Anestad, of Slater, Iowa. He quotes prices on this page. Mention The Homestead when you write him.

—Mr. Elmer Carty, of Delaware, Iowa, raises White Plymouth Rocks exclusively. He has a fine flock, and readers of The Homestead will make no mistake in ordering eggs from him. See advertisement on this page.

—In changing their advertisement of geese, Mr. H. M. Almy, Greenwood, Neb., writes that they have a nice quantity of eggs on hand from Mammoth Toulouse geese and White Wyandotte chickens. Orders filled promptly. Write and mention The Homestead. See this page.

—Mrs. A. H. Graham, of Alexis, Ill., writes that her White Wyandotte eggs which she is selling this season are fertile; that she has had good hatches from them and that her chickens are in the best of condition and are laying well. She considers her breeding stock very good. See advertisement on this page.

—The advertisement of Mr. O. J. Viland, of Slater, Iowa, breeder of Barred Plymouth Rocks, offering eggs for sale, appears on page 16 of The Homestead. Mr. Viland writes that his strain of Barred Plymouth Rocks are especially strong in color and size. The mother of the cock heading his pen was first hen at the Chicago show in 1905, while two of the hens mated to him were in the first pen in the same show. Mr.

**Try Till You're Satisfied**

I give up to 90 days trial. I want you to know what I know before you buy. Nothing to hide about.

**OLD TRUSTY Incubators**

and Brooders. The Old Trusty plan is all right. I build them square. I want to deal fair and square. Old Trusty has made thousands of personal friends. Write for my 1907 free catalog. You'll be interested.

**M. M. JOHNSON, Cley Center, Neb.**

**\$7.00**

**Buy the Best 120-EGG Incubator**

freight prepaid, ever made. Double cases all over - best copper tank - hot water - self-regulating. Best 100 chick hot water incubator and brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

**Belle City Incubator Co., Box 52, Racine, Wis.**

Viland guarantees fair treatment and says he knows his patrons will get good results.

—Mr. James E. Thomas, of Des Moines, Iowa, has a flock of Homer pigeons for sale. See advertisement on this page.

—Mrs. Eva E. Girard, of Schleswig, Iowa, has some choice Barred Plymouth Rock cockerels which she is offering for sale in her advertisement that appears on this page of The Homestead. In ordering the insertion of the advertisement Mrs. Girard says: "My cockerels are a bargain. They are good stock and large, healthy birds." She is also offering eggs for sale and reports that her first chickens hatched for the season are

### POULTRY.

#### Phillips' Black Langshans

EGGS for hatching from three grand matings. Pen No. 1, scoring from 94 to 96, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 2, scoring from 94 to 96½, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 3 has fair range, scoring from 92 to 95, eggs \$2.50 per 15, \$4.00 per 30, \$10.00 per 100. Write for free circular.

**C. W. PHILLIPS,**

New Sharon, Iowa

#### EGGS! BARRED PLYMOUTH ROCKS.

COCKEREL and pullet mating; average score of C. hens 90, and cocks 91½ and 92. Judge Hale, \$1.50 per 15. Mammoth Bronze turkeys, hens scored to 97½, toms 97½, \$3.00 per 9.

**W. F. Wheaton, Outlook Farm, Dresden, Mo.**

#### Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahmas and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address, Mrs. J. C. Webber, Montezuma, Iowa

#### WANTED TO BUY

Mammoth Bronze and White Holland Turkey Eggs in Large Quantities.

Write, stating what you have, giving lowest prices. Dean Swift Poultry Co., Des Moines, Iowa

#### Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, Portsmouth, Ia.

#### EGGS \$1 PER 15.

ROSE and S. C. Brown Leghorn, White Crested Black Polish, Silver Spangled Hamburg, White and Barred Plymouth Rock, Cornish Indian Game. From high scoring birds. Edw. Dooley, Selma, Ia.

**SILVER LACED** Wyandotte eggs, fifteen for \$1.00; 15 for 30; \$5.00 for 100, from 92-point birds. H. B. Cameron, Montezuma, Iowa.

**Rose Comb Brown Leghorn** eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

**BARRED PLYMOUTH ROCK** and Light Brahma eggs for hatching; from high scoring birds, 15, \$1.50; 30, \$2.50. H. G. Padley, Toledo, Ia.

**BARRED P. ROCK** Eggs from high scoring stock by the sitting or the hundred. Write for prices. Mrs. Mary D. Talbott, Mediapolis, Iowa.

**BUFF ROCKS EXCLUSIVELY** Choice cockerels yet for general Rock. \$1.00. C. O. Garrett, Adelphi, Iowa.

**SINGLE COMB BROWN LEGHORN** Eggs, 75 cts. per 15, \$1.25 per 30. Address, Collins Brothers, Viola, Iowa.

**WHITE** Plymouth Rock, eggs from birds scoring 94½; fair range; \$1 per 15, \$1.50 per 30, \$2 per 50 and \$3.50 per 100. D. A. Good, Oden, Ia.

**DUCKS** Large Imperial Pekin duck eggs, \$1.50 for eleven. M. F. Anderson, Box 427, Jewell, Iowa.

**WHITE PLYMOUTH** Rock eggs from extra fine laying strain, \$1.00 for 15; \$1.75 for 30. Elmer E. Carly, Delaware, Iowa.

**BRONZE TURKEY EGGS** \$2.50 per 11. White P. Rock eggs, \$1.00 per 15; \$4.00 per 100. Mrs. W. P. Miller, Allison, Iowa.

**S. C. B. LEGHORNS**, hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

**EGGS FOR SALE**—Largest, best pure bred White Wyandottes, Light Brahmas and I. P. ducks. Honest deal. E. S. Byas, Bellevue, Iowa.

**FOR SALE**—Single Comb B. Leghorn eggs, 75 cts. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manilla, Iowa.

### POULTRY.

#### SIXTEEN FIRSTS AND ELEVEN SECONDS

In Two Shows in 1906 by the **IOWA POULTRY FARM.** Barred Rocks, White Rocks, S. L. Wyandottes, S. C. B. Leghorns, Stock For Sale, Farm Raised. EGGS, \$1.00 PER 15. J. W. RADEBAUGH, INDIANOLA, IOWA

**EGGS FOR HATCHING** from pure bred poultry and eggs of 20 kinds for sale. Barred and Buff Rocks, Pekin ducks, Bronze turkeys, Toulouse geese, bees and fox hounds a specialty. Enclose stamp for catalog. Address, J. Fred Foy, Redfield, Iowa

**BARRED** Plymouth Rocks exclusively. Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell Grinnell, Iowa.

#### Barred P. Rock and White Wyandotte

EGGS from choice B. P. Rock birds, 15, \$1.00; 60, \$3.00; 100, \$4.50. White Wyandotte prize-winning stock, best of the breed, 15, \$2.00. Express prepaid. 50 cents extra on all orders. Address, Stacy, "The Red Hog Man," Rochelle, Ill.

#### STOCK AND EGGS FOR SALE.

**WHITE** Wyandottes exclusively. Noxall strain. Here is quality and utility, birds are pure white, good shape, good combs, and great layers. Eggs, \$2.00 per 15; \$3.50 per 30. Geo. Houge, Slater, Ia.

**ROSE** Comb Brown Leghorns, exclusively. Eggs from stock scoring 92-93½ by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 30; \$3.50 per 100; \$6.00 per 200. R. R. Stewart, Charles City, Iowa.

#### S. C. RHODE-ISLAND REDS.

NOT equaled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. P. H. Thiel, Renwick, Humboldt Co., Iowa.

**BARRED ROCK** Cockerels, \$1.50 to \$5.00. Score 88 to 93. Eggs in season, \$1.50 for 15. Address, L. R. Kuey, Adrian, Michigan.

**SINGLE COMB BUFF ORPINGTON** Eggs, \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wright, Pleasantville, Iowa.

**PRIZE-WINNING** Black Langshans exclusively. Scoring to 94 at Dubuque, 1907. Eggs, 13 for 85c; 25 for \$1.50. W. W. Baskerville, Earlville, Iowa.

**SILVER LACED WYANDOTTE** Eggs for sale from high scoring birds at farmer's prices. S. R. Young, Greenville, Iowa.

**PURE BLOOD WHITE PLYMOUTH** Rocks. Eggs, \$1.50 per 15; \$5.00 per 100. H. F. Allen, Blairsburg, Iowa.

**Rose Comb** Brown Leghorn eggs at \$1 per 15, \$2.25 per 30, \$4 per 100, from stock scoring 91½ to 94½. Address, Eva D. Tutt, Alta, Ia.

**SEVERAL** large, Black Langshan cockerels for sale. Eggs, \$1.00 for 20; \$4.00 for 100, from high scoring stock. Mrs. Geo. Tutt, Murfreesboro, Ia.

**MAMMOTH** Bronze-toms; B. P. Rock eggs, \$1 per 15; \$4 per 100; also M. B. turkey eggs, \$2.50 per 9. Mrs. J. A. Campbell, Route 5, Manning, Ia.

**PRIZE** WINNING Light Brahmas and Barred Rocks, scoring 90 to 93. Eggs \$1 per 13, \$2 per thirty. J. Q. Swallow, Box 69, Nodaway, Iowa.

**SINGLE COMB WHITE LEGHORN** EGGS FOR sale nt fifty cents per dozen. Henry Olerich, Rolfe, Iowa.

**BUFF** Rock eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Rink & Son, Shelby, Iowa.

**SILVER LACED WYANDOTTE EGGS** 15 FOR \$1.40 for \$2.10 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

**MY ROSE COMBED WHITE LEGHORNS** are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Maunson, Iowa.

### POULTRY.

#### SINGLE COMB BLACK ORPINGTON

STOCK direct from Beyer's prize winners. Clean sweep at Montezuma Poultry Show. Eggs, \$3.00 per sitting. Single Comb Rhode Island Reds from prize-winning pen, \$1.50 per sitting. Bronze turkey eggs twenty cents each. Member National Black Orpington Club. Address, FRED WILLIAMS, BARNES CITY, IOWA

#### SPRINGWATER FARM POULTRY.

A FEW CHOICE Mammoth Bronze toms and hens for sale. All scored and a fine lot. Will sell reasonable for quality of stock. Address, WHISLER BROS., FAIRMOUNT, IOWA

**S. L. Wyandottes** Pekin ducks and Bronze turkeys. Eggs from high scoring, big boned stock at \$1.00 per thirteen, \$2.00 per thirty, \$5.00 per hundred. Ducks \$1.00 per blue, \$2.00 per twenty. Turkeys \$3.00 per nine, \$6.00 per twenty. Send postal for my 1907 catalog. Address, J. D. Smith, Route 3, Montezuma, Iowa.

#### BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers, \$1.50 per 15 eggs. Twenty years a breeder. J. L. SLICK, LANARK, ILL.

**EGGS** From full blood Black Langshan 8 lb. pullets mated with 12 lb. cockerel, large 94½. 75c for 15 choice eggs from farm range, score boned, vigorous birds; \$1.00 for 30; \$1.50 for 50. Pullets, 75c each. Mrs. M. Osterfors, Hedrick, Iowa.

**STANDARD AND UTILITY**—Barred Rocks, Lt. Brahmas and Silver Laced Wyandottes. Eggs, \$1.00 per 15; \$2.50 per 50. Special matings of Light Brahmas and Barred Rock cockerel matings, \$1.50 per 15. Wm. Mischeel, Box 130, Lawler, Iowa.

#### BARRED ROCK EGGS

\$1 PER 15, \$5 per 100. Bright Latham Russell strains. Circular free. H. M. Jones Co., Grace-Land Farm, R. R. No. 2, Berwick, Iowa.

**BARRED PLYMOUTH ROCKS** Standard eggs, \$1.00 per 15. In incubator lots from range 100, \$3.75; two sittings, \$1.00. W. E. Shutt, St. Charles, Iowa.

**MAMMOTH** Toulouse geese eggs, 15 cts. each; White Wyandotte eggs \$1.50 for 15. Orders filled promptly. H. M. Almy, Greenwood, Neb.

**OTTUMWA** Poultry Yards—Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

**LIGHT BRAHMAS** Eggs for hatching at 50 cts. a sitting from stock as good as the best. Address, Mrs. J. M. Dries, Ashton, Iowa.

**CHOICE M. B. TURKEY** and Barred Plym. Rock eggs for sale nt reasonable prices. Address, Mrs. J. H. Norton, Melrose, Iowa.

**BUFF** P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa.

**BARRED** Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

**MAMMOTH BRONZE** Turkey eggs. Also Pekin duck eggs. Turkey, \$2.50 per 9; duck, \$1 per 9. Mrs. A. Kitson, Audubon, Iowa.

**Single C. White Leghorns** Exclusively. Wyandottes and M. B. turkey eggs, prices right. Mrs. S. K. Newell, Route 6, Audubon, Iowa.

**BARRED** Plymouth Rocks exclusively. Eggs from large, vigorous, well barred birds, 15, \$1; 50, \$2.50; 100, \$1.00. Arthur White, Red Oak, Iowa.

**Black Langshan and B. P. Rocks.** Eggs \$1.50 per 15. Fine B. Langshan cockerels \$1.00 each. Mrs. J. H. Parks, Agency City, Iowa.

**PURE** bred black and white Langshan, Lt. Brahmas and M. B. turkey eggs, prices right. Mrs. S. K. Newell, Route 6, Audubon, Iowa.

**FOR SALE**—Eggs from White Wyandottes of fine stock. \$1.00 for 15; \$5.00 per 100 eggs. Mrs. A. H. Graham, Route 1, Alexis, Ill.

### POULTRY.

#### Pheasant, Duck, Goose, Brant & Chicken Eggs.

VARIETY.	NO.	PRICE.	VAR.	NO. PRI.
Wild geese.	7.	\$3.00.		
Wild Mallard duck.	13.	3.00.	Golden.	13, \$5.00
Bar'd Rock Hen eggs.	13.	1.50.	Silver.	13, 6.00
White "	13.	1.50.	Eng. R. Necks.	15, 3.00
Wild White Brants.	7.	3.00.	L'y Amherst.	7, 5.00

Address, DEER LAKE PARK, SEVERY, KAN.

**B. P. ROCK EGGS** From extra large boned stock, straight barring to the skin. Yards headed by cocks and chks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners and sired by state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

**LIGHT BRAHMA, PARTRIDGE, SILVER WYANDOTTES** and Pekin duck eggs. \$1.00 for 13; \$5.00 per hundred. Bronze turkeys and Toulouse geese eggs, 30 cents straight. Satisfaction guaranteed. Address, O. B. McKEAG, MONTEZUMA, IA.

**SOME FINE** Cockerels at \$1.50 each up to \$2.50 each. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand yards mated, 3 for chks. 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva E. Girard, R. F. D. 2, Schleswig, Iowa

**ROSE COMB RHODE ISLAND REDS.** 20TH CENTURY birds, cherry reds, \$1.50 for 15 eggs; \$6 for 100; excellent matings. Special care in selecting and packing eggs for shipment. Send order at once. W. W. Forbes, Box 710, Jefferson, Ia.

**BARRED ROCK EGGS** 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Also M. B. turkey eggs, Missouri King and Glat strains. Prize winners, scoring 96, \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

**EGGS** For sale from choice matings. Barred P. Rocks and Bronze turkeys, Shellabarger strain. Write for free circular describing my matings. Prices right. Also six fine M. B. turkey toms at \$3.00 each. M. V. Leeper, Redfield, Iowa

**MY FINE BARRED P. ROCK** Pullets, scoring 91 to 92½. Mated to chks scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50. H. I. Anestad, Slater, Iowa.

**MAPLE LANE POULTRY FARM.** Light Brahmas, large size, farm range. Eggs, \$1, 15; \$4, 100. Mrs. A. H. Klepper, Route 1, Muscatine, Ia.

**BLACK** Langshan eggs for sale from large boned, vigorous birds, having full farm range, 15 for \$1.00, 45 for \$2.50. H. M. McKee, Sac City, Ia.

**ROSE** Comb White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 25, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa

**S. C. B. LEGHORN EGGS** Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Anthon, Iowa

**ROSE COMB** Brown Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. I pay express charges. D. W. Nickerson, Marble Rock, Ia.

**WHITE WYANDOTTES** Barred, White and Buff birds that always win prizes. J. T. Molloy, Allison, Ia.

**ROSE COMB WHITE LEGHORNS** Eggs, thirty for \$1.00, thirty for \$1.50, thirty for \$2.00. M. T. McEvoy, Emmetsburg, Iowa

**Barred** Rock eggs from pullet bred farm raised fowls including scored stock; \$1, 15; \$5, 100; Toulouse geese eggs, 25c. Mrs. Jas. Cockerton, Whiting, Ia.

**S. C. B. BUFF** Orpingtons, the famous Cook strain. Large fine birds, solid buff. Eggs \$1.50, 15. Sent in patent shippers. D. W. Boydston, Nevada, Ia.

**FOR SALE.** At a great reduction, a flock of Philadelphia Homer pigeons; a bargain. Apply to Jas. E. Thomas, 631 Park Lane, Des Moines, Ia.

**UPLAND** Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1, 50 for \$2, 100 for \$3.75. Albert Haas, Waucoma, Iowa.

**EGGS** for hatching, S. C. Buff Orpingtons, \$1.50 per 15; Golden Buff Rocks, \$1.00 per 15; \$5.00 per 100. Mrs. G. R. Fuller, Route 4, Rolfe, Iowa.



growing nicely and that she never saw a healthier lot.

—Mr. J. L. Slick, of Lanark, Ill., writes: "The Barred Plymouth Rock eggs I am offering are from high-scoring stock and of the best strains known to the breed, and are very excellent layers. I have bred these exclusively for twenty years and never had better ones." See advertisement on page 15.

—Mr. R. T. Cameron, breeder of Light Brahmas exclusively, Ottumwa, Iowa, writes: "My stock was scored by Mr. W. S. Russell. Pen 1, cockerel, from the yards of Mr. Philander Williams, of Taunton, Mass., scores 94, standard weight; the hens and pullets score 93 to 95%. Eggs \$3 per fifteen, \$5 per thirty. Pen 2, cockerel, score 93%, standard weight; elegant shape; hens and pullets score 93 to 95. Eggs \$2 per fifteen, \$5 per forty-five. Can fill orders on Short notice." See advertisement on page 15.

—Mr. W. R. Warwick, of Montezuma, Iowa, writes that he is still prepared to fill orders for choice Barred Plymouth Rock eggs at the prices quoted in his advertisement on this page. He succeeds in satisfying his customers with a high percentage of fertile eggs and this should warrant our readers in sending in their orders freely to this breeder. He writes that out of one hatching of 210 eggs, all were fertile but fifteen. Undoubtedly these eggs will stand on their own merits. Write him for free circular and kindly mention The Homestead.

—Mr. W. S. Gregory, breeder of purebred White Wyandotte chickens, whose advertisement appears on this page, writes: "The Homestead is bringing us good returns, but we could handle more business. Our eggs are hatching extra well this year, and we are getting plenty of them, so we can ship out fresh eggs on short notice. Our White Wyandottes are first class in every respect. They have full range, thus insuring eggs that will hatch strong, vigorous chicks. Those who send us their orders will be treated fair and honestly, and get their

money's worth. That's the way we do business." Mr. Gregory's address is Keota, Iowa.

—Eggs from pure Black Langshan hens, mated to vigorous, healthy cockerels scoring as high as 94%, are priced by Mrs. H. Osterfoss, of Hedrick, Iowa, on this page. Her fowls are large-boned, vigorous birds and the price which she is quoting should move her offering quickly. Kindly mention The Homestead in your correspondence.

—We insert the advertisement of Mr. H. D. Cameron, of Montezuma, Iowa, on page 15 of The Homestead. He is offering Silver Laced Wyandotte eggs for sale from 92-point birds. The prices which he quotes are very reasonable for stock of this quality, and we would suggest that those in need of eggs write him and get their orders in early.

—We direct special attention to the advertisement of Mr. William Michael, Box 130, Lawler, Iowa, found on page 15. Mr. Michael is offering Silver Laced Wyandotte eggs at \$1 per fifteen and \$2.50 per fifty, and also special matings of Light Brahmas and Barred Rocks at \$1.50 per fifteen. The two testimonials which constitute Mr. Michael's advertisement this week are taken from a number furnished The Homestead and indicate the character of the stock from which Mr. Michael is selling eggs. Those desiring to come into possession of something good in any of the three breeds mentioned cannot do better than send Mr. Michael an order. You will be more than pleased with what you receive.

#### WHITE WYANDOTTE EGGS.

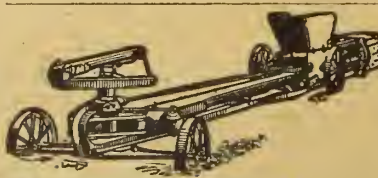
Mr. Roy Stacy, of Rochelle, Ill., the well-known breeder of White Wyandotte chickens, has a new advertisement on page 15 of this issue which will interest readers of this paper. His birds have been personally selected by him from a flock which produced the birds which won the following prizes: At Chicago, 1906, won first pullet, second cockerel on three entries. At Chicago, 1907, first pullet, second cockerel, third cockerel on three entries. Has any other breeder

## Only \$38 THE GREATEST BARGAIN ON EARTH



HAPGOOD PLOW COMPANY, 402 FRONT ST., ALTON, ILL.

**DESCRIPTION**—Selected second growth hickory wheels and gears; Norway iron clips and bolts; inch axle double collars, full length body loops, long body, any width. Solid spring bellows back; sanitary spring cushions. Trimmed in dark green, tan or maroon leather, cloth or plush. Ideal spring cross bar in place of wooden cross bar if preferred. All wool top lining, leather quarters and back stays, curved top joints if desired, complete with storm apron, side curtains, boot and full length carpet. Nickel dash rail, hand rail and lazy back rail. Send for Big Free Catalogue of Vehicles and Harness in colors. A buggy factory selling direct must pay all of their expenses, salaries, etc., out of a few thousand buggies. Our expenses are all paid out of our agricultural implement factory. A buggy factory would starve to death on the small profit we get on a buggy. Write us before buying. The only plow factory in the world selling direct to the consumer at wholesale prices.



## LIGHTNING HAY PRESSES

meet all demands in Hay Baling. Used over 20 years.

**SIMPLE, STRONG, DURABLE, RAPID**  
The Best is most Profitable.  
Send for Catalog showing all styles, Horse Power and Belt Power.

KANSAS CITY HAY PRESS CO., 621 MILL ST., KANSAS CITY, MISSOURI.

#### POULTRY.

### 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 60, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN., ALTA, IOWA

### STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 28 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerel; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

### BLACK LANGSHAN CHICKENS

I HANDLE THEM exclusively. Eggs for hatching. Pen No. 1, cock, scores 94%, price per sitting, \$1.25. Pen No. 2, cock, scores 94, price per sitting, \$1.00. O. H. STILSON, CORWITH, IOWA

### S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

LEGHORN AND ROCKS—Eight years breeders of 11 P. Rocks, Single Comb White Leghorns, Rose and S. C. Brown Leghorns. We offer eggs from choice matings with guarantee of 65% fertile at \$1 for 15, \$4 per 100. Barker Bros., Indianapolis, Iowa

ROSE COMB BROWN LEGHORNS. FOR 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 18, \$1.00; 50, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$3. Ella Tharp, Mt. Sterling, Ia.

BARRED ROCKS. Famous Eclipse strain. Sou to pullets scoring 90 to 92 points. Will produce winners. Eggs 15, \$1.50; 30, \$2.50. O. J. Villard, Slater, Ia.

WHITE Plymouth Rock eggs, Fisher strain, 28 good flocks, score up to 94 points, farm range. Address, Mrs. O. J. Early, Bristol, Iowa.

BUFF WYANDOTTES. Pen No. 1, first pen Iowa State Fair 1906, also first pen at Winterset, Ia. Pen No. 2, headed by 1st cockerel at Indianapolis, Ia. 94%. Eggs \$1.60 for 15. A. E. Goodman, Indianapolis, Ia.

EGGS FROM CHOICE MATINGS. Rose Comb B. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

PURE BRED Single Comb Black Minorca eggs, 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

LEGHORNS. S. C. Brown and White. Birds score to 96. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianapolis, Iowa.

SINGLE COMB Brown Leghorns, Kulp strain, pure bred, scoring to 93%, by Pedrick, farm range, prize winners. Eggs 80 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

BUFF Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. H. Stilson, Montezuma, Iowa.

SINGLE COMB White and Brown Leghorns. Each variety on separate farm. Eggs \$1.00 per 15; \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

BLACK LANGSHAN eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

WHITE WYANDOTTES, standard bred. Right in size, color and shape. Eggs \$1.00 for 100, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

TWO GRAND PENS of Buff Wyandottes, Brey and Heath strains. Eggs \$1.50 and \$2.00 per 15. Clarence McClellan, Lowden, Iowa.

LIGHT BRAHMA And R. C. B. Leghorn eggs, \$1 per 15, \$2 and \$4 to \$5 per 100. Order soon. Mrs. Frank Hart, Route 2, Hannburg, Ia.

EGGS From high scoring Black Langshans and S. L. Wyandottes, 15, \$1.25; 50, \$3.00; 100 eggs, \$5. Mrs. Wm. H. Kirkman, Ia.

BARRED P. ROCK Eggs for hatching from stock scoring 90 to 92%, 76c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

#### POULTRY.

### HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks. 1st premium wherever shown. Yards headed by high scoring exhibition cockerels. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and I. K. Felch's reserved pens, and sell 18 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$1.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. I mate them by standard rules. A good hatch guaranteed. I am an expert caponizer. Catalog free.

REUBEN E. SANDERS, PROP.

FULL MOON POULTRY FARM - MONTEZUMA, IA.

### Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92% and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, Montezuma, Iowa

### S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyocoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. R. E. Brown, Richland, Iowa.

### BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Fine catalog free.

S. V. LATCHAM, Montezuma, Iowa

### Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawrie, Route No. 3, Harlan, Iowa.

CEDAR LAWN Poultry Farm. 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by birds, scoring from 90 to 93. pullets score from 90 to 93%. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

### EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland Turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-H Audubon, Ia.

### BARRED PLYMOUTH ROCK EGGS

15 FOR \$1.45 for \$2, 100 for \$4, from as fine a flock of hens as any man has. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

### Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reese, Prescott, Iowa.

### CHERRY HILL POULTRY FARM.

BREEDERS of Golden, Silver and Buff Wyandottes, B. P. Rocks and S. C. White Leghorns. First prize Iowa State Fair. Stock and eggs for sale. Peterson Bros., Props., Indianapolis, Iowa

BARRED PLYMOUTH ROCKS Single Comb Brown Leghorn eggs for hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$4.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa

### SILVER LACED WYANDOTTE

EGGS \$1.00 for 15, Buff turkeys \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

BARRED Plymouth Rock eggs, sixteen, \$1; 100, \$4. Bradley strain, choice chicks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

ROSE COMB Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldon, Iowa.

PARTRIDGE COCHIN Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; fan, \$2 per 15. Turkey, 25c each. Floy Collins, Viola, Ia.

FOR SALE Barred P. Rock eggs, 25 for \$1.00; 100 for \$3.00. Mainmoth White Holland turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

#### POULTRY.

### EVERGREEN LAWN FARM

M. HUMMEL, PROP., MONROE, IOWA.

BREEDER of monster B. P. Rocks for 24 years. Yards headed by Iowa State and Jasper County Fairs first prize winning stock, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 1st and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

The Evergreen Poultry Farm, Marathon, Ia. EGGS: B. P. Rock, great large ones, free range; eggs \$1 per 15 or \$3 for 100. Yd. 1, ckl. mating is headed by 1st prize ckl. at Northern Ia. Poultry show. Yd. 2, 1st pullet mating headed by a 3rd prize ckl. Eggs either yard \$2 per 15. M. B. turkey eggs \$5 per 10. Toulouse geese eggs 25c each. P. duck eggs \$1.25 per 10. Orders filled promptly. Write, Mrs. Silas Collins.

### Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from 1st pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa

### BIG BRONZE TURKEY EGGS

headed by 1st prize tom at Northern Iowa Poultry show, and hens weighing 23 to 25 lbs. Giant Barred Rock eggs, flock headed by 1st and 2d cocks and 92 point cockerels scored by Helmlich. Males weigh 11 to 13½, females 9 to 12. Satisfaction guaranteed. Grant Galaher, Spencer, Ia.

### BARRED ROCK EGGS.

The cockerels heading my pens from 1st pullet at Boston and 4th cockerel at New York 1906. Eggs \$1.00 to \$1.50 per 15. Write for mating list.

MATT S. SMITH, GRINNELL, IOWA.

### Mammoth White Holland Turkeys, Large Pekin Ducks, Barred Plymouth Rocks.

EXTRA large high-scoring prize winners. 10 turkey eggs, \$3; 10 duck, \$2; 13 Barred Rocks, \$2. FRED POST, MOULTON, IOWA

### White Wyandottes Exclusively.

EGGS, \$1.50 per 15 or \$2.25 per 30. Our flock is free from brass, are of good size and shape. I guarantee 10 chicks to hatch or eggs will be replaced at half price. Orders filled promptly. Address, A. J. PODENBORE, LOGAN, IOWA

### WYANDOTTE EGGS.

BUFF, Golden and Silver Laced, \$1.50 for 15; \$2.50 for 30; \$6.00 per 100. We guarantee at least 3 chicks per sitting; if not, eggs replaced at half price. Address, A. L. Anderson, Indianapolis, Iowa.

S. C. HUFF ORPINGTON EGGS, \$1.25 per 15; \$2.00 per 30; \$5.00 per 100. Carefully selected matings from choice scoring stock. D. J. Hurley, Mt. Carroll, Carroll County Ill.

### LIGHT BRAHMAS

Bred exclusively for ten years. Eggs, \$1.50 per 15. Owen J. Spall, Pleasantville, Ia.

### WHITE HOLLAND TURKEYS.

High-class breeding stock; all but one are yearlings. Eggs, \$2.25 per 9. Mrs. J. H. Richardson, Bristol, Ia.

### GOLDEN S. C. Buff Orpingtons exclusively; have

had them eight years and have the best. \$1.00 for 13; \$1.75 for 25. A. LeFevre, Earlville, Iowa

### EGGS FROM PURE BRED Barred Plymouth

Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Jacey, Iowa

### ROSE COMB

White Leghorns. State Fair prize winners, eggs 75c per 13; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa

### EGGS FROM FOURTEEN LEADING varieties

of poultry. Great bargains, quality considered. Address, Burton J. Holt, Pleasantville, Iowa

### WHITE PLYMOUTH ROCK

EGGS, 15 for 75 cents, 30 for \$1.00; 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa

### 10,000 BARRED PLYMOUTH ROCK EGGS

for sale. Bradley Bros. and Judge Norval stock. \$1 per 15, \$4 per 100. Ave Bros., Blair, Neb.

### EGGS

Barred Plymouth Rock, \$1 and \$2 per 15; \$3.50, \$5, 100. W. Wyandottes, \$2, 15. Mating list. W. C. Frazier, Atlantic, Ches. Co., Ia.

BARRED P. Rock eggs from extra good stock. \$1.50 for 15. M. B. turkey eggs from large birds, good color, \$3 for 9. Jas. Atkinson, Des Moines, Ia.

WYANDOTTE EGGS, \$1.50 per 15, \$2.50 per 30, \$6.00 per 100. Hens score 95 to 96%. Address, Mrs. L. M. Estes, Audubon, Ia.

BARRED P. R. eggs for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 30, \$4 per 100. W. J. David, New Hampton, Ia.

#### POULTRY.

### BARRED PLYMOUTH ROCK

EGGS FOR HATCHING

Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Ringlet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

MRS. E. F. ESCHER, Manning, Iowa

### 219 Egg Strain Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pen \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

W. A. HARTMAN, Winterset, Iowa

### Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

### Mrs. B. F. Wilcoxon,

Fort Des Moines, Iowa.

### Mike's S. C. Buff Orpington Ranch.

EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 91. 15 eggs \$2.00, 30 \$3.00; Pen No. 2 scores from 90 to 92. 15 eggs \$1.25, 30 \$2.00. Sure of male birds of above Pens was imported from England. Orders now looked. Scored stock for sale. Write for circular. M. S. Holland, Slater, Iowa.

### BARRED PLYMOUTH ROCK EGGS.

FOOT SALE—\$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 9½ point cockerel. Address, J. M. JANSSEN, Sibley, Iowa

### P. O. Box 627, R. R. 3,

MAMMOTH BRONZE White Holland turkeys

Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

### BARRED P. ROCK GIANT RINGLETS.

EGGS from stock scoring 91 to 93½. \$2 for 15; \$7 for 100. We guarantee 10 chicks to each sitting. Also W. H. turkeys and Toulouse geese eggs at \$2 for 10. Won 15 1st prizes at three shows last season. W. M. SHAW & CO., MONROE, IOWA

### GREAT SQUARE DEAL STRAIN

WHITE Wyandottes, large, blocky birds, crest of all winter as well as summer layers. Send for our free illustrated folder before you buy any eggs for hatching. North West Poultry Yards, Preston, Iowa.

### High Island Poultry Yards.

S. C. B. LEGHORNS and Buff Rocks. 100 eggs, \$3.50 and \$4.00; 15, \$1.00; 30, \$1.50. Young chicks, 10 cts. each. Fifteen years' experience, fine stock. Mrs. J. G. Butt, Star Route, Glencoe, Minn.

### BARRED PLYMOUTH ROCK AND SINGLE COMB BROWN LEGHORN

EGGS for hatching. Every bird in our breeding pen scores from 90 to 95½. Eggs for balance of season \$1.50. H. A. Trimble, Indianapolis, Iowa.

### B. P. ROCKS, S. L. Wyandottes, S. C. B. Leghorns.

Eggs of high score; J. D. Lambert strain; also S. L. Wyandottes and S. C. B. Leghorns at a bargain. Mrs. H. DeJaeger, Route 6, Waterloo, Ia.

### ROSELAWN FARM.

WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 105, \$4.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

### BUFF Rocks for sale.—150 pullets, hens, cocks and

chicks, scoring from 90 to 94½. Prices reasonable. Eggs in season. Mrs. Chas. Stedman, Lawry, Ia.

### EGGS FOR HATCHING

from high scoring Rhode Island ducks at one dollar per ten eggs. Address, J. H. Horwath,



OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

CULLING THE FLOCK.

In these days when dairying is being agitated freely throughout the middle West, we hear much of the unprofitable cow, and that it is essential to weed out the unprofitable cows if one is to realize paying returns on his investment. In the same way will the successful flock-master weed out the poor ewes in his flock, thus gradually increasing the average quality of his band of ewes.

We speak of this matter now because during the lambing seasons and following weeks is one of the best times to note the individuality of the ewes. The value of the ewe depends finally on two things: The pounds of wool she will shear and the lamb she will produce. As to the amount of wool produced annually, it is little trouble to weigh the individual fleeces at shearing time, and all sheep not coming up to a desired standard may then be marked, later to be put on the market. A notch in one ear will serve to identify them always.

But at this season of the year is the time when the usefulness of the ewe as a mother may be determined. You

should be well enough acquainted with your flock to know each animal from the others. Now at time of parturition notice whether a strong lamb is produced and if the ewe has come to and through the ordeal in good health. Ewes weak in constitution and vitality will show it more at the lambing season and immediately following than at any other time. Watch the ewes to see which ones are the poor milkers. You will soon be able to tell them by their lambs. Any ewe, ordinarily, that will not give milk enough to raise a lamb well should be discarded as soon as practicable, for the difference between a strong, well-grown youngster, and a poor, scrawny, ill-fed one is the difference between profit and loss. Some ewes are poor mothers, too, because they do not care for their lambs; they are disposed to disown them, and are nervous, fidgety, etc. Such ewes are undesirable for many reasons, and generally lose their lamb at birth if the shepherd is not immediately at hand.

A ewe that is a good milker, or a good nurse, caring well for her lamb is not always the desirable ewe to retain. In the sifting out process much attention should be paid to form and constitution, as well as breed characteristics if you are maintaining a pure-bred flock. Good form and good constitution usually go hand in hand. Keep the wide, deep-bodied ewes with deep, full chests and lots of heart and lung room. Also pay attention to the head and neck. It has been said that a good head is worth little to a butcher, but worth much on a sheep. A full, muscular neck indicates strength and constitution, also good muscular development throughout. Mr. Ellman, the founder of the Southdown breed insisted on the importance of this point.

In building up your flock, remember that it can't be done in one or two years, but each year tells. An English writer expresses it thus: "Cut off the tail and put on a new and improved head each year."

KEEP THE FLEECES CLEAN.

It goes without saying that a clean fleece always sells better than a dirty one. It is natural that when wool goes to the commission merchant he should discriminate against a fleece that is full of straw and dirt in favor of one with no better quality of staple, but free from foul matter. This is a common experience among men who shear and sell wool. We know it is a very difficult matter to prevent the flock from collecting more or less dirt in their fleece, for they are quite apt to stand around and rub against the straw pile or hay stack if they are allowed to do so. We have known sheepmen who were so careful to keep the fleeces clean that they would not even allow one to carry a forkful of hay through the flock. They were generally well rewarded for their care with fine, bright fleeces at shearing time which brought several cents a pound more than those of their neighbors' who had been less careful.

The difference between the price of a dirty fleece and a clean one, even though both be of the same quality of staple, may be only a few cents. However, when one thinks of the gain that is made on the whole flock it amounts to considerable. Of course it is quite a nuisance perhaps to keep the sheep from rubbing against stacks, and it may seem often as if the work which it required to keep the flock in pens separate from that of the stock cattle was hardly repaid by the gain that is secured from the improved condition of the fleeces. It is a common practice to feed roughage to the flock in low racks rather than to allow them to pick their roughage from the stack. The racks should be low enough so that hay from above will not drop down into the fleeces when the sheep are feeding.

The plan of keeping the fleece just as clean as possible is one that is practiced by all good sheepmen. If you have not been in the habit of doing the same, just try it from now on and see what a nice bunch of fleeces you have this spring, also if you do not get a better price for your wool than you ordinarily do, making allowance, of course, for the market changes.

Nodular Disease in Sheep.

To the Editor of The Homestead:

One of the commonest causes of disease among sheep is the presence in the intestines of a parasite that produces nodular disease. The symptoms observed when sheep are infested with this para-



### A TON OF HAY

taken into the mow or on the stack at three sling loads. That's not only fast work but nice clean work. No litterings whether you are handling hay, straw, fodder, or bound grain.

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**BEACON-ITE MILLS, DEPT. 4, St. Louis**

SHEEP.

### WE WANT NAMES AND ADDRESSES OF WOOL GROWERS.


Send us your name and address, stating number of sheep you will shear. We have something of interest to say to the wool growers. Give this your immediate attention if you would learn about the combine which is trying to fix the price. What price do you want?

**HERMAN REEL,**  
125 West Water St., - Milwaukee, Wis.

CLOVER HILL SHROPSHIRE

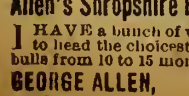
IN favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growing lot of rains and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

**CHANDLER BROS., - Chariton, Iowa**



### 1,500 HIGH GRADE ANGORA WETHERS.

These goats can be used for brushing and then fed and sold for mutton. A few American milk goats, a few bucks. Come and see me or write. Address, **WYATT CARR,** Collins, Iowa. Farm 3-4 mi. from depot. Phone 44



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I HAVE a bunch of very fine rains for sale, suitable to head the choicest herd; also 16 young Scotch bulls from 10 to 15 months old.

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\$9.50 for 40 ft. Hay Carrier outfit. One carrier, 13 rafter irons and hooks. 120 ft. rope, 5 floor hooks, 3 pulleys. Wood, steel and cable track outfits any lengths.



\$2.78 for this sickle grinder; grinds heel and point at same time. Grinds 6 ft. sickle in 10 min. With 1 stone for sickles, \$2.78. With 2 stones for grinding all kinds of tools, \$3.10.



\$8.70 U BAR STEEL HARROW This improved Harrow is made with five spring Steel U Bars, each bar having six teeth, making sixty teeth to two section Harrow. Cuts 10 feet. Furnished with 1/2 or 3/4 inch teeth.



\$2.15 buys this Steel Beam Cultivator, plain, with 5 steel reversible shovels, giving two wearing edges. Spreads to 33-in. Most useful one-horse Cultivator made. We have 30 different styles and kinds to select from. Seeders—all kinds.



\$1.16 for automatic compressed air two gallon spray pump. Four gallon size, \$3.00. With solid brass tank, \$4.56. Extension pipes for trees extra.

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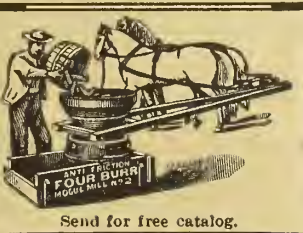
## PILES, FISTULA AND OTHER RECTAL, BOWEL AND STOMACH TROUBLES ARE DANGEROUS IF NEGLECTED

IF YOU ARE AFFLICTED, WRITE AND I WILL TELL YOU HOW TO OBTAIN SUCCESSFUL TREATMENT WITHOUT PAIN.

ADDRESSES OF A FEW OF MY IOWA PATIENTS CURED.

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DOUBLE THE CAPACITY OF OTHER MILLS.

TWO-HORSE mill has 25 ft. Grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bu. per hour.

30,000 Bu. With One Set of Burrs.

I have used a Mogul No. 1 mill for seven years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. **Bayce Grinder & Furnace Works, - Waterloo, Ia.**

site are a loss of appetite, the animal begins to run down in flesh and stands around in a drawn-up manner, evidently feeling ill. Scours often occur also, and when scours appear the animal is generally badly infested. It gets poor rapidly and often dies. Upon investigation internally, the lining of the intestines will be found to show knots or nodules of varying size and of a yellowish white color. These are what give rise to the name of the infestation and are caused by the worm encysting itself in the intestinal wall to pass a resting stage in its life cycle.

One of the reasons why this parasite causes so much trouble is the difficulty of combating it. The eggs are dropped in the pasture and adhere to the grass blades; thus the infection comes through eating the grass tainted in such a manner. The egg hatches after being taken in the intestinal tract, burrowing into the wool only at a certain period in its life. To remove the worms from the intestines before burrowing period, any good vermifuge or worm powder may be used, but there is no method of dislodging the worm from the nodules. The best recourse is to feed well at all times on palatable food, as the sheep seem to endure the presence of the worms if they (the sheep) are in good flesh; but once a sheep runs down from this cause it is hard to get it back again.

Much can be done to avoid infection by change of pastures, especially with lambs, putting them on fresh pastures over which old sheep have not grazed. A plentiful supply of salt will keep the bowels laxative and cause the expulsion of most of the worms if infestation does occur.

Story county, Iowa. Ellis Rail.



### LAW HAY TOOLS

In your barn are a guarantee that your hay will go into the mow in quick, clean shape.

LET us send you circulars describing our **Sure Trip** carriers, **Safety Lock** slides, **Cable End Door** fixtures, **Detachable** hay racks, etc. Our door fixtures can be put on an old or new, hip or straight roof barn. Glad to furnish you itemized estimates of the cost of an equipment of this kind for your barn.

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## Traction Engines For Sale.

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

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(IOWA GOODS FOR IOWA PEOPLE.)

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## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

In view of the fact that the great majority of our readers are interested in poultry as a source of income it has been decided to give the Home Department space almost entirely to poultry this week. The articles presented in this poultry symposium record the actual experiences of practical persons. They thus have a value which will doubtless commend them to progressive readers.

Notice is hereby given that, in the late autumn, there will be a prize contest for articles recording helpful poultry experience, either success or failure.

## A POULTRY SYMPOSIUM.

## TURKEYS AND CHICKENS AS MONEY MAKERS.

Mrs. F. H. Slife, Central City, Iowa.  
I have raised poultry for ten years, and have failed one year out of ten.  
That year I had a drove of fine turkeys ready for market when they got the cholera and died.

I think I can make the most money raising turkeys. They are harder to raise than chickens, but one turkey is worth three or four chickens. The way I have the best luck with turkeys is to set the first laying under chicken hens and set as many at once as I can for they will do better if all of one age. If you have them of different ages you will have to keep them in separate pens as the older ones will run over the younger ones and kill them. When the little turkeys hatch I pick out hens I think will make the best mothers, "for you can't raise turkeys with a wild or cross hen," and put about fifteen turkeys to a hen.

I have a good yard away from the chickens, for turkeys will not do well close to chickens, and you want your yard good and tight for it is hard to keep little turkeys with hens at first.

And you want to be sure and have good, clean, dry coops for a turkey's worst enemies are wet and lice. Insect powder is good for lice and give them ashes to dust in.

For the first two weeks I feed them soaked bread and put in lots of red pepper; mustard is also good. Give them milk to drink with a few drops of carbolic acid in it. After they are two or three weeks old I make corn bread for them.

Another important thing is to feed them often, but not much at a time.

I have an incubator to hatch chicks with.

## "Buffalo Calf" Shoes

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Very Much  
Longer  
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Prove it  
Try "Buffalo Calf" Shoes. One pair will prove to you that they are the best shoes made to stand the hard knocks of all kinds of work. Good shape enough too for everyday wear. Fit comfortably, as you can get just the shape you want. "Buffalo Calf" Leather is strong—flexible—easy on your feet, and stands water better than other kinds. "Buffalo Calf" Shoes are stitched with stronger waxed thread—more rows of it—than other shoes. Made all through on the "square deal" principle for practical men by practical men. Ask your dealer for them. He ought to have them as most dealers have them. If he hasn't—write us a postal. We'll mail you a Free "Buffalo Calf" Leather Test-Tag and tell you how to get a pair promptly. Then you'll see what "Buffalo Calf" Shoes are like.

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He Knows  
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TOWER'S  
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Made for all kinds  
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SOLD EVERYWHERE

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TOWER CANADIAN CO. LTD. TORONTO, CAN.



I keep about one hundred and twenty-five hens and I sell lots of eggs besides raising a big drove of chickens each year. I think an incubator a fine thing for you can keep your hens laying.

There is money in raising capons, at least if you have close neighbors so you can't raise turkeys. A person could make more money with chickens by having them caponized.

## A SUCCESSFUL EXPERIMENT.

Mrs. K. D. Fields, Tyro, Kansas.

To begin with I had a small flock of just mixed-up chickens and no special breed, but healthy and clean stock. I bought a pen (four hens and one cockerel) of pure bred chickens and kept them in a small portable pen, twelve feet square. This was moved onto fresh ground twice a week. A goods box with two roost poles did for sleeping quarters. I fed and cared for them so well they kept in good condition and gave a good harvest of eggs. The mixed hens hatched the chicks and raised a fine flock of thoroughbreds. I sent a pen to the state poultry show and won a premium besides getting score cards showing I had raised 96 point pullets. Then I advertised in our state poultry paper offering eggs for hatching and made quite a reduction if parties ordered three or four sittings at once. I studied poultry literature and packed the eggs carefully, thus pleasing my customers and often sent a few eggs extra, also guaranteed a fair hatch.

I had a good stone half-basement poultry house, built on a sunny hillside, made the perches about twenty inches from the floor all the same height, thus avoiding bumble foot or fighting for the tallest perch. I sweep this room once a week at least and sprinkle wood ashes under the perches. The sidewalls are plastered with lime mortar and no vermin find a place for breeding and robbing me of the profits, and the hens are healthy and do not often go on a strike when eggs are high. In autumn I have a patch of wheat or cheat drilled for winter greens, and use kafir corn for the first feed, wheat or scalded oats for the midday meal, corn for five o'clock feed. I also give potato parings well cooked and mixed with bran and table scraps, also milk, and they require plenty of water, and broken dishes or glass and crushed shells and meat scraps.

## HOW I HAVE MADE MONEY ON POULTRY.

Mrs. A. Austin, Hutchinson, Kansas.

As I have had a little experience with poultry, I thought perhaps I might write something that would help some one as the chicken season is now at hand.

I have the Buff Plymouth Rock. I like only one breed at a time. Don't say that the above named breed is the best, but can say they have done well for me. Last year I sold \$25 worth of chickens, used all we cared to eat for a family of five and have two dozen young pullets, too, for this year and I only had nineteen hens. Of course, I thought most of my eggs.

How and where I set my hens.—I never set them in the same house where they roost or lay, as it breeds lice and mites, and they get on the wrong nests and break so many eggs. I have an old cave to set my hens in. You can set them earlier, as it is ever so much warmer than a building. Mine is cemented sides and floor. It wasn't made for this purpose. My husband works by the month and has not time to help me much. The cave is an old one and I thought I would try it and like it so well I will try again. I have always been told where there is a will there is always a way.

I set them in boxes in winter, line the box with several layers of papers and fill with clean straw. I gather my eggs in early to prevent them being chilled. Always set smooth, hard shelled eggs. I prepare my nest and eggs and in the evening I get Mrs. Biddy, carry her gently and put her on the nest and give her one egg and if she sets over night on that egg she deserves more and she gets them. I set more than one at a time and give the chicks to as few hens as possible and set again. If need be a hen can set twice easily with feed and water kept near. Keep a bucket and shovel and carry out the refuse, and change nesting every time. Let them out every few days to exercise, sprinkle with insect powder to kill lice so there will be none to cover the chicks when hatched, as prevention is cheaper than cure. Put moth balls in nest, and coarse salt sprinkled in box will keep bedbugs out. Don't feed as soon as hatched. Avoid sloppy food and not much water at first. Don't let mother hens out early mornings. Don't chase or throw at your hens; keep gentle by being kind and feeding well. And when Biddy has a little flock and you wish to catch her and put her out of the rain sprinkle down a little food and she will come to you.

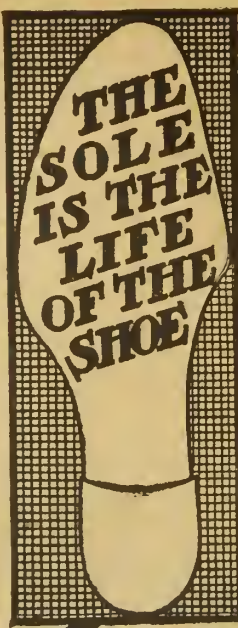
Keep a box of coarse sand, a shallow box of dust sand with insect powder sprinkled in to wallow in; whitewash everything used around poultry, adding kerosene and carbolic acid to the wash. Scald roosts with strong salt water and with an old paint brush apply kerosene and lice. Mites and bedbugs will flee from you.

To get eggs in winter.—Keep hens warm and dry. Brown or cook all grain foods. Never go out and throw grain to poor cold chickens, that makes your fingers ache while you are feeding it. Give them scraps from the table soaked and warmed in milk, feed regularly; warm the water and milk in cold weather and give clean straw to scratch in. This is the way I have attended to mine and I have only thirty-four hens and I have sold eggs all winter, always getting from nineteen to twenty-five cents, and think I am paid for my trouble as I have made quite a few much needed dollars with my chickens.

## VALUABLE EXPERIENCE.

Wm. C. Young, Fontana, Kansas.

We have been handling poultry for eight years. We moved to Kansas in the spring of 1896 and commenced with a dozen Brown Leghorn hens and a rooster. We raised seven or eight dozen pullets and sold almost enough eggs to keep us in groceries, but there were only two of us in the family. We bought us a little farm of eighty acres that fall. We also bought the poultry on the farm, giving the owner twenty-five dollars for \$100 Plymouth Rock hens. We took pos-



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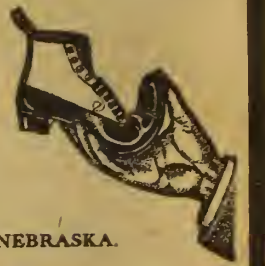
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Where but a short time is needed to tan leather by acids, it is a process of months to produce oak-tanned leather, and oak-tanned leather is the old-style, original bark-tanned leather. It is the best leather obtainable, and is vastly more durable than ordinary tannage.

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Are made for those who want foot comfort; for people tired of ordinary footwear; people who want their shoes to look well, wear well, and retain their shape. They are the most flexible, comfortable shoes on the market. Thoroughly reliable western-made shoes, will withstand all reasonable wear.

Your dealer undoubtedly has KIRKENDALL SHOES, in all leathers, lasts and sizes. Ask him. If he has not, he can get them for you. Send us his name and address.



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I have so perfected my Mild Combination Treatment that patients may use it at their home with as good results as though it were applied at my offices. I will gladly furnish to every sufferer positive and indisputable proofs that my treatment does cure Cancer. I will furnish ample evidence of my integrity, honesty and financial and professional ability. No matter how serious your case may be—no matter how many operations you have had—no matter what treatments you have tried—write for my book, "Cancer and Its Cure." It will cost you nothing and will tell you how you can be cured at home. Address,

DR. O. A. JOHNSON, SUITE 371, 1233 GRAND AVE., Kansas City, Mo.

Have you a friend suffering from Cancer? Do them a favor they'll never forget by sending them this ad

session the first of December. By the tenth of May the hens had to their credit \$52 in eggs. We gave the hens no special care as we did all the farm work ourselves and they got their attention just like the rest of the stock.

They paid the grocery account and gave the wife half cash as she always did the marketing.

We did not try to raise many, just enough to make plenty for the table and to keep the flock up in young hens to two hundred and fifty in number.

I am no poultry fancier, making nothing particular of a high score, only a full egg case. I keep the above mentioned breeds, letting them run together.

Some claim every point for one breed, but I find in eight years experience that the Plymouth Rocks and Brown Leghorns are about a tie and it is the plump hen that lays.

We have some trouble with sick birds, but comparatively little. Parched corn in the morning and charcoal pounded, where they can pick at it when they please is about all the remedies we use. For lice and mites holling water does the work the quickest of anything we can do. I thoroughly scald the hen house every six months and it seems to eradicate them. I generally use an old wash pan, put a little lime in the boiling water and dose it out to them by the pan full.

Hiding in the cracks does not do them any good. It gets too uncomfortably hot for the old ones and the nits are hard hollid. I like the cross between the Brown Leghorn and Plymouth Rock. They look like the Brown Leghorn and their size is more desirable. The half breeds are the best hens I have, but do not let the flock pass the half breed line. We find it cheaper to get eggs for incubation from parties keeping good scoring birds. We dispose of our roosters about the first of April as we think sterile eggs are better.

We never take a stale egg to market as it is simply wrong. Our groceryman thinks well of us and we stay right with him. He never looks at a case of eggs we take in and gives the wife half cash and then we have a nice balance on our side.

We have a little boy now seven years old. We give him ten cents a week to watch for nests and help gather eggs. He has fifteen dollars earned and to his credit.

## A NATURAL HEN INCUBATOR.

By Sarah M. Cliser, Barnard, Mo.

I am one who does not use an incubator. I have what we call a natural hen incubator or a place to set hens, where each hen has her nest separate and no other can bother her. She can't get out only to get food, drink and sunlight, and then goes back into her own nest. I have places fixed for eighteen hens in this way. If a hen wants to sit in a good place where nothing will bother her, all right; if not, I put the eggs in one of the incubator nests, then after dark I slip Biddy on them. I always wait until I have several, and set all at once, the more the better. Sometimes I take off one hundred and fifty little chicks all about the same time. I take them all from the hens, turn the hens out to rest up and begin laying again, and rear the chicks by hand, as I have a small chicken house for that purpose, eight by ten with two-thirds of the roof sloping to the south, part of the roof being double doors, with the window sash set in just below the doors so when you open back the double doors the sun shines through the glass and makes it very cosy for the little fellows. Then I have a small yard around the house with a wide board at the lower side and netting on top. On nice days I turn

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An Active Retired Farmer.

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them out in the yard, but had days keep them up, and if it is cold and damp, I have a stove in their house, and keep a fire for them. At night I put them in boxes and cover with old pieces of carpet. They will be warm and nice in the morning; after they are two weeks old they can huddle up together in the corner on some straw and be all right. When they first hatch I don't feed them anything but dry oat meal and give water to drink for at least four days. After I have what I can care for nicely I let



the rest run with the hen putting about two hatchings with one hen. I keep about sixty hens over winter and to raise from. I usually sell from sixty to seventy dollars worth of chickens and twenty-five to thirty dollars worth of eggs. We use about seventy chickens on our table in a year.

#### INCUBATOR EXPERIENCE.

Nettie L. Kizer, Woodbine, Iowa.

Last spring I had very poor success with my young chicks, and the mid-summer found but few on the place.

Disappointed, but not entirely discouraged I began to plan some way to increase the number. I thought of my neighbor's incubator which she had used in the spring and set aside for another year. Just the thing to do the work with neatness and dispatch, thought I.

The incubator was procured and set with 180 eggs. It was then the latter part of July, a time in the year I think, when many eggs are infertile.

We intended to follow the directions sent with the incubator, implicitly and did so with the exception of turning the eggs as often as directed.

We found it difficult to regulate the temperature. The temperature to be maintained was 103 degrees, but at night it would sometimes get as low as ninety degrees and in the heat of the day it would persist in getting too warm. Several days I blew the light out two or three hours at a time.

One day the thermometer registered 107 degrees, and another time stood at the alarming figure of 110 degrees.—I had been away calling on my neighbor.

Well, I supposed every one of those eggs were nicely roasted, but I set them out to cool at once, then broke one to see if it really was cooked; it did not seem to be, so we kept on trying to regulate the ups and downs of that thermometer.

In due time the eggs began hatching and it was certainly interesting to watch and care for those downy chicks. I did not have more than 50 per cent of a hatch and of that number several were weak and soon died; some of them seemed grown to the shell and would die shortly after being removed; this was caused I think by not turning eggs often enough. Nevertheless, there were 70 strong, healthy, active, little chicks, and we were pleased with them and proud because they were hatched in an incubator. My experience taught me that in managing an incubator, as in doing anything else, one must exercise one's own

judgment somewhat; that to test out infertile eggs would save disappointment when hatching time arrives; to turn eggs often as directed; to use moisture as directed if incubator is sitting in a room where atmosphere is dry; not to go visiting and stay away too long. In spite of my seeming failure I am a friend of the incubator and hope to own one of my own some day. I'm sure I could do a great deal better next time because,—well, you know the proverb.

#### EXPERIENCE WITH AN INCUBATOR AND WHAT IT TAUGHT ME.

Mrs. Emma Barron, Blue Lake, Mo.

My few years' experience with an incubator has taught me the machine has an advantage over the hen. The incubator is ready whenever you are and chicks that are hatched in the machine are free from vermin. The hen will not become broody until she gets ready and one at a time, so one has a very few early chickens for the best market. To raise early broilers for the market one needs a good sized incubator. To have success will take time, attention and experience.

I have a two hundred egg incubator and will give rules by which I run my machine: keep machine in warm room, without draft on it, level machine, fill tank with warm water and draw off a quart. Adjust regulator and light lamp. Start machine empty and run at 103 degrees, for one day and night. Now select the best shaped eggs and ones that are not chilled; fill trays, place thermometer in farthest tray from lamp and continue running at 103 degrees, the first two weeks and at 104 degrees last week. Begin turning and cooling eggs on fourth day and continue until nineteenth day. Turn morning and night with hands, also changing trays to opposite sides and filling lamp. Cool once a day. A little longer each day until at the last about one-half hour. While cooling take trays out and close doors to machine. If the eggs get a little too hot I cool them and they are never over-heated. During the last few days the temperature may run up, but do not lower, as it is only the life of the chick. Start machine with ventilators about half shut and close a little, gradually, but not entirely. If the weather is damp you will not need much moisture. On the nineteenth day put a little warm water in moisture pan above thermometer. Begin testing on sixth day, just a few every three or four nights. A clear, transparent egg is an infertile one while one with a red spot is a dead germ and those with red veins like a spider and cloudy looking at the large end are living germs. Leave chicks in nursery twenty-four hours with the temperature the same. Do not feed for same length of time, feed three times a day and give plenty of water. After a few days turn chicks out in their yard and have loose dirt so they can scratch for themselves, which you will soon learn they can do without the old mother hen.

#### ABOUT SHIPPING POULTRY.

Mrs. Florence Gerbracht, Kelley, Iowa.

Ten years ago on an Iowa farm I began to raise chickens. I had very good success hatching and raising them, but, oh, my! when it came to selling, four and five cents per pound. I soon discovered the pocket book did not fill very fast. I also knew from experience there was more money in poultry than prices stated, being born and reared in an eastern state where we had access to good markets, etc.

I decided to patronize my old home commission, and the last seven years have been dressing and shipping my poultry to a firm in Philadelphia, Pa., perfectly honest and upright in their dealings and a reliable firm; without exception every year have doubled my money, shipping to them. My ducks have averaged me \$1.00 apiece beside selling the feathers for forty cents per pound. The first of February I shipped the said firm four old roosters which netted me eighty cents apiece. That heats ten cents had, the price paid here.

Annually the buyers with a broad grin call to buy my poultry. I treat them kindly, but tell them I want all there is in it. Last fall a buyer lectured an hour to me, but he did not purchase my poultry. I realize there are people who believe in nothing but home trade, but I sincerely think if there is any one that should have the middleman's profit, it's the farmer's wife, who has toiled, rain or shine, from March until June, hatching and raising poultry. Now if any of the farmers' wives want to make more money with poultry, my advice is, raise all you can of Barred Plymouth Rocks, Pekin ducks and Mammoth Bronze turkeys, dress them from November to March and ship them yourself, thereby get all there is in it. Some think they have a white elephant on their hands, when it comes to picking a duck or chicken dry, but the more you pick the better you will like it. If any of the readers desire further information on the subject I will gladly give it.

#### SELLING EGGS.

Mrs. Fannie Eland, Arapahoe, Neb.

I make my money by selling eggs. I keep from 100 to 125 hens, Leghorns and Plymouth Rocks mixed. I think cleanliness one of the most important things to be looked after, for without that they cannot have health. I whitewash the hen house two or three times a year with lime in which has been put coal oil or carbolic acid to keep away mites, etc.

And frequently I take boiling water and scald the nests and perches or any place where mites might be. The droppings should be cleaned away at least twice a week, and every morning is better.

Warmth in winter is another essential. This winter we have cane-fodder, which was cut and bound with corn binder, standing on end around our hen house and it keeps them a great deal warmer.

More attention has to be paid to their feed in winter than summer, for then the variety outside is more plentiful. On winter days I give warm water to drink, then I scatter two or three sheaves of wheat over the floor and two or three quarts of thrashed wheat. I leave them in till about ten o'clock or if quite cold, till two p. m. Then let them out for exercise. For their evening meal I save all scraps from the table, all potato peelings and cabbage leaves, chopped

## A Shady Transaction

If anybody sold you some lumber and if upon careful examination you discovered that it was really not solid timber but merely short pieces spliced together you would call it a shady transaction. That is about the kind of a proposition you are up against when you buy cut stay fence.

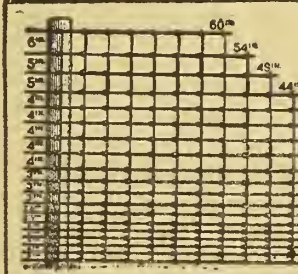
It's really not a first-class, full strength product. About half of its strength is wasted—sacrificed to convenience and speed in manufacture. Our stay wire is NEVER cut. It runs continuously up and down across the fence for many rods without an end, thus preserving and utilizing ALL the strength and service there is in the wire.

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#### Anchor Fence

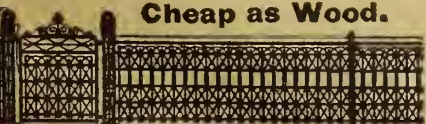
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40 Carbon Spring Steel. Extra heavily galvanized. No Agents. 30 days free trial. Farm and Poultry Fence, Catalogue No. 140. Also 40 Styles Lawn Fence, Catalogue O. Catalogue Free. Write for one or both. THE WARD FENCE CO. Box 404, MARION, INDIANA

### A SPEEDY WIRE STRETCHER

The Automatic Steel Lever Stretcher draws 40 rods of wire tight in one pull, and always past end post. A daisy splicer and staple puller. Prepaid \$1.25. Illus. booklet free. Agents wanted. OTTO SCHWIEN, Box 204, Davenport, Iowa.

fine. These mixed with one and one-half gallons of warm water and thickened with bran make a good supper, which I feed the year round. They relish onions chopped fine and fed by themselves. Nothing is better to make hens lay than meat. I feed all soap-grease to them. During summer I do not feed the old ones except the bran mash. They have the run of the farm. I have never tried other poultry than chickens. Last year I sold \$10.77 worth of chickens and \$110.92 worth of eggs, a total of \$121.69 with a small investment and not much very hard work. I think success in poultry can be summed up in these five essentials: first, cleanliness; second, warmth in winter; third, variety of feed; fourth, plenty of clean water; fifth, a love for your work.

#### Dressmaking and Millinery, No. 565.

Sylvia Silverthorne, Muscatine, Iowa.

(All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.)

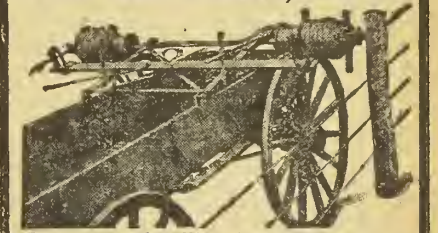
Stage favorites have much to do in the way of popularizing certain types and modes of dress, and some of these are to be especially noted for their simplicity. In 5637 is shown a waist design that is a close copy of the



[5637—Shirt Waist or Blouse, 32 to 40 bust.]

one worn by Margaret Anglin the past winter, and which promises to be a close rival of the "Peter Pan" costume described in a former number. And so of course, if not everybody, then "nearly everybody" will have in her wardrobe an "Anglin" waist. Quite simple are the lines on which the waist is constructed, the deep pointed yoke and the ample collar that is open slightly below the throat being its distinguishing features. The full fronts are especially favored by the

### Farmers and Stockmen, Attention!



No danger handling barb wire if you use the Stark Combined Wire Reel and Stretcher (patented). It is just the thing for building new barb wire fences and for rolling up barb wire if you wish to remove any old fences. This machine is placed on a wagon box and fastened thereto with clamps by two bolts, without any injury to the box, and one man in the seat driving the team can roll up more barb wire without scratching his hands or tearing his clothes than twenty men could do by hand, and it is rolled up on spools in just as good shape as new wire coming from the factory, and can be used again for building new fences. For building new fences two spools can be placed on the machine and be unrolled at the same time as fast as the team can walk, and the wire is stretched by the same machine. For further information write to C. W. STARK, - MOUNTAIN LAKE, MINN.

### The Iowa Gate - FOR THE FARM -



By sliding this ring back the largest hogs may pass under

**AND** have the run of two lots. Or raise your gate to drive hogs through, then your larger stock cannot get out. RAISING THE GATE is simple enough but very handy your gate swings on uneven ground or when the outer end drags.

IOWA gates will raise up for winter use—are not bothered by wind, rot, or fire. Are easy for women to handle but strong enough for any stock.

CHEAPER THAN WOODEN GATES and will outlast a dozen. Write today for our circular.

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slender women, the exceedingly broad-shouldered effect given by the shape of the yoke being also in her favor. Yet since this broadness of shoulder line is one of the season's "trade-marks" the type will be adopted even by those who do not complain of slenderness. While the waist is shown made up in the



most simple manner it is well to note its possibilities if something more elaborate is desired. Frillings, bandings or embroidered edges may finish yoke, collar and cuffs, as well as the tiny flap on the pocket, for whatever mode of decoration is chosen should be carried out on all the edges. Piping, braid-



[5622 Seven Gored Skirt, 24 to 36 waist.]

ing, or most beautiful of all, embroidery done on the material are other modes of finish that may be suggested. The collar in either outline shown affords a charming

background for an embroidery design, and in a diminutive copy of the same the cuffs and pocket could be decorated. For those who would object to the open neck let me suggest a tiny shield either with or without a band collar. Or one or two of the small shirt waist bar pins may be used to catch the collar at one or two points. The pattern provides for elbow or full length sleeves. The tie worn is one of the smart modes and may be made of silk or wash materials, but of course this is not part of the pattern. It is simply a bias strip of material hemmed on all edges. Pattern 5637 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure.

The plain seven-gored skirt does not lose its favor even though there are numbers of pleated and gathered designs. For many materials the plain gored model seems best adapted, and too, nothing is a better choice when much trimming is to be applied. 5622 is graceful in its proportions, fitting snugly about the waist and flaring gracefully at the foot. As a foundation for a flounced or ruffled skirt the design is especially suitable. Braiding or embroidery done in a pattern will trim the skirt prettily. Many of the designs for either of these is repeated at top and bottom of each gore, those at the top being diminutive copies of those at the foot of the gore. Many of the linen and pique skirts are made and trimmed in this manner, and these are easy to launder if the ironing is done on the wrong side, using a well-padded ironing board. Pattern 5622 is cut in sizes for a 24, 26, 28, 30, 32, 34, and 36 inch waist measure. Note carefully these sizes. It is seldom I can offer a skirt pattern cut in the large sizes, those cut in 34 and 36 being especially scarce. Give size when ordering pattern.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

The International Sunday-School Lesson.

Second Quarter. Lesson III. Genesis XXXVII, 5-28, April 21, 1907.

### Joseph Sold by His Brothers.

The inevitable and grievous consequences of polygamy were upon Jacob. Even the blessing at Jabbok could not avert, though it may have mitigated them. That experience, no doubt, made the patriarch more patient and just under his extremely trying circumstances. But his home, if it deserved the name of home at all, was rent with jealousy. Four wives and four sets of children kept the camp in pandemonium. . . . Under the most favorable circumstances the rearing of twelve sons is an onerous task. At the very time Jacob should have been giving his undivided attention and strength to it, he seems to have been chiefly engaged in outwitting Laban and accumulating a fortune. The result was, he had a lot of unruly, wicked boys on his hands, who made his name unsavory among the inhabitants of the land. . . . On the dark background of this polygamous household the pure and artless character of Joseph emerges with most pleasing effect. He was the son of Jacob's later and better days. He was taken away soonest from the degrading influences of Padanaram. He was chastened by the greatest grief that can befall a young heart, a mother's death. The very frequency and completeness with which his

surroundings changed was calculated to cultivate the devout and dependent spirit. . . . From the thorny and thistly sons of Jacob grapes and figs could not be expected. The extreme cruelty, especially of Simeon and Levi, had already shown itself in the case of the Shechemites. All were rude, treacherous Bedouin. The gentle and pure character of Joseph was a standing stricture upon them. They were envious of his impending honor; ready to cry as their descendants afterwards did: "We will not have this man to reign over us." They nursed their jealousy until it reached the size of murder. . . . Joseph had come to them on an errand of love from his father. It was a long and perilous journey from Hebron to Dothan. There were Bedouin and bears in the way. He had brought his brothers goodly viands. If there was to be any criticism of their conduct on his part, direct or indirect, it would be just, and for their real advantage. But they allowed themselves to be moved with envy. Their utter heartlessness is shown in that they could sit down to the very banquet he had brought them, and eat it in sound of his wailing voice. . . . Amos compassionately refers to the "sufferings of Joseph." They were pitiful, unparalleled. He was treated with indignity; stripped of his

robe of state; taunted with his dreams; cast into a demijohn-shaped cistern, from which escape was impossible. There, in the mire and clay of a horrible pit, he shivered for want of his cloak. He was a-hungered and weary, with no place to lay his head. He was treading the wine-press of sorrow alone, and of his brothers there was none to help him. At length he is lifted from the pit, but only to suffer a worse fate. . . . There is an expulsive power in a new vice as well as in a new virtue. Murder is ousted by avarice. The sight of the approaching trading caravan suggests the possibility of making merchandise of this obnoxious brother. A moment later they gloat over their two silver shekels apiece, and see their kinsman, according to the flesh, depart to ignominious and hopeless servitude. . . . Naked and under a burning sun, with an iron collar about his neck and a lash upon his back, the heir of all the promises departs from the very land he was to have inherited. The prince is metamorphosed into the slave, Canaan exchanged for Egypt. From the human angle all is lost; but

"God moves in a mysterious way,  
His wonders to perform."

### Analysis and Key.

1. Evil of polygamy illustrated in Jacob's family. Pandemonium.
2. Jacob busy getting a fortune—sons neglected—result.
3. Joseph on background of polygamous household. Son of Jacob's better days. Soonest removed from pagan environment. Chastened by mother's death.
4. Character of Joseph standing rebuke to his brothers. Nursed their jealousy.
5. Opportunity afforded by Joseph's visit to camp. Expulsive power of a new vice. Murder vs. avarice. Joseph sold a slave.
6. Defeat in appearance only.

### The Teacher's Lantern.

This fascinating story is a thin veil through which the most cursory reader must catch a glimpse of the character and work of Jesus. A greater Father sends His greater Son. It is an errand of love and mercy. He brings bread and wine, emblems of his own sacrifice and oblation. He comes to His own, but His own receive Him not. He is sold at the price of a slave. He is shockingly humiliated; smitten and mocked; stripped of his robe; put to a slave's death; entombed; but now He appears upon a throne of glory to give redemption to all—as many as will believe upon His name. Thus is Joseph one of the most striking types of Jesus. Joseph's rescue would have been the greatest possible misfortune. For himself: to have been reared in Canaan by his fond father would have made a Lilliputian of him. For his nation: Egypt was to be their schoolhouse, and Joseph's captivity was the means of bringing them there. This does not discount the brother's crime. God made their wrath to praise him, and the excess of it,

which would have murdered the heir of the promises, he restrained.

A reverse! so it seemed when the heir-apparent to Israel's throne became a slave. But whether an event is a reverse or not depends upon what God means by it, and the use man makes of it. If Joseph had become a man-hater, and spent his time bewailing his confessedly hard lot, his going a slave to Egypt would have been a reverse. On the contrary, he triumphed over untoward circumstances. By his industry and fidelity he made himself indispensable to Potiphar, the prisonkeeper, and finally to Pharaoh himself.

A little span the triumph of evil covers at best. The malignant brothers are in fine feather over making away with the object of their enmity. They are glad they will see the face of the dreamer and "reporter" no more. But in a score of years they are fulfilling the dream, and bowing timorously before his blazing throne. The wicked spread themselves like the bay, but suddenly they are not. Malice is impotent when it rears itself against Providence.

That fine coat! How soon it was stripped off! Joseph was just as good and great without it. It is character, not clothes, that wins.

Reuben was imitating Jacob in finesse. He expected to get his brother out of the hole. But the success of neither father nor son in cunning is sufficient to encourage imitation. Reuben's kindly feeling toward his rival is commendable; but perhaps if he had courageously withstood his brothers, it would have been a case where one consciously in the right would have put nine, consciously in the wrong, to flight.

A further hint of Joseph's character is found in the descriptive phrase, "A child of the old ones." He had an old head on young shoulders; preferred the company of his elders; spent much time, no doubt, with his grandfather Isaac.

As in his father, so in him, there may have sprung up the ambition to inherit the primogeniture; unlike his father, however, he took no unworthy means to help Providence secure the desired end.

The primogeniture passed from the first son by Leah to the first son by Rachel. To attest the fact, Jacob put an uncommon and lovely robe of state upon the heir apparent. With the zeal of a reformer, the embryo priest and ruler at once reported to his father the uncomely acts of his brothers, only with a view to having them amended. He was aggrieved that the fair name of the holy nation should be tarnished by such sins. He felt that the very perpetuity of the tribe, and all the oracles of God committed to it, were imperiled.

### CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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POSITIVELY such a good telescope was never sold for this price before. These Telescopes are made by one of the largest manufacturers of Europe, measure closed 13 inches and open over 3 1/2 feet in 6 sections. They are BRASS BOUND, BRASS SAFETY CAP on each end to exclude dust, etc., with POWERFUL LENSES, scientifically ground and adjusted. GUARANTEED BY THE MAKER. Heretofore telescopes of this size have been sold from \$5.00 to \$8.00. Every sojourner in the country or at seaside resorts should certainly secure one of these instruments, and no farmer should be without one. OBJECTS MILES AWAY are brought to view with astonishing clearness. Sent by express for \$1 safely packed; if by rail insured, \$1.20. Our new catalogue of Watches, etc., sent with each order. This is a grand offer and you should not miss it. WE WANT each Telescope JUST AS REPRESENTED or money refunded. WHAT A TOURIST SAYS: NEW YORK, Nov. 4, 1905. Messrs. Kirtland Bros. & Co. GENTLEMEN: I had with me on my recent European trip one of your Excelsior Solar Telescopes, with which I had the pleasure of observing an Eclipse of the Sun. At the Austrian Tyrol it was almost 80 per cent concealed. Your Solar eye-piece is a great thing. Its value to me on this occasion was many times greater than the entire outlay for the Telescope. Yours truly, L. S. HENRY.

KIRTLAND BROS. & CO., DEPT. H.F.W. 90 CHAMBERS STREET, NEW YORK

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**Mayer**  
**SCHOOL SHOES**

for boys and girls. They are made of the best seasoned upper leather and tough solid soles and have fewer seams than other shoes.

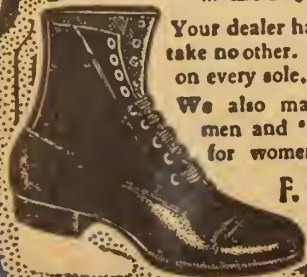
Mayer School shoes are shaped to prevent injury to growing children's feet. They

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Your dealer has them or will get them for you—take no other. The Mayer trade-mark is stamped on every sole.

We also make the "Honorable" shoes for men and "Western Lady" shoes for women.

**F. Mayer Boot & Shoe Co.**  
Milwaukee, Wis.





ADVERTISING NOTES.

Ginseng plants are offered for sale by Mr. L. H. Wright, of Le Mars, Iowa.

Northern grown seed corn, sold under the Holden test, is offered for sale by the Gateway Nursery & Seed Corn Co., of Le Mars, Iowa.

See keepers' supplies of all kinds are offered for sale by the Leahy Manufacturing Company, of Omaha, Neb. Write for their free circular.

Three hundred thousand red cedar trees are offered for sale by Messrs. Garland & Fowler, of Afton, Iowa. They are the largest growers of red cedars in the United States.

The man who grew and exhibited the champion ear corn in the contest of 1904 and again in the contest of 1907 has still some choice seed corn for sale. His advertisement is on page 12. Address Mr. D. L. Pascal, of De Witt, Iowa.

A fine stock of shoes and drygoods is offered for sale in one of the best agricultural and manufacturing cities in the state of Iowa. The stock is new and in good shape. Anyone interested in this offer should address their letter to A. F., care The Homestead. See page 13.

Readers of this paper who wish to secure a very low price on White Standard Granulated sugar should consult the advertisement appearing on page 13 of this issue, of the Ames Wholesale Mercantile Association, of Ames, Iowa. For six cents in stamps, your name and post office address, they will send their grocery price list, giving full directions as to how to obtain sugar at \$1.95 per hundred.

The Brewster-Jones-Callaway Land Co., of Plainview, Texas, advertise 200,000 acres of choice land in the shallow water belt of Texas. This is in a good agricultural region and those looking for land in large or small amounts can be satisfied. This company wish to have a reliable agent in every

community. Write them for further particulars. Kindly mention this paper in your correspondence.

A 320-acre farm of good crop producing capacity in South Dakota is offered by Mr. C. B. Powers, of Pukwana, South Dakota. The farm is near town, has some improvements and is advertised on page 22. Kindly mention The Homestead when writing for further particulars.

It is never too late to buy good seed corn. Better wait a day or two and be sure you have good seed than to try to rush the planting and not know what you are putting into the ground. Mr. John W. Dawdy, of Abingdon, Ill., advertises Reid's Yellow Dent seed corn for sale at \$1.25 per bushel. This has been shelled from ears that have been tipped, nubbed and tested and at that price should certainly be taken quick. See page 12 and kindly mention The Homestead when writing. NO MORE SORE NECKS OR SHOULDERS.

The Humane Horse Collar, manufactured by the Humane Horse Collar Company, 1929 South Thirteenth St., Omaha, Neb., meets a long-felt want. A free illustrated circular, telling you about it, will be sent to every reader of this paper, provided you mention The Homestead when writing. Every farmer should know about this twentieth century collar.

YOUR LAST CHANCE THIS YEAR TO GET 300 CHOICE STRAWBERRY PLANTS FOR \$1.00.

Messrs. J. L. Todd & Son, of Woodward, Iowa, say for three weeks yet they will send 300 choice plants for \$1.00, 100 of the new Senator Dunlap and 200 of two other choice varieties, with a book of instructions on how to plant and grow them. Don't wait. Send now. Their advertisement appears on page 12, and will not appear again this season.

FINE FARM FOR SALE CHEAP.

Any reader of The Homestead who is in the market for a good farm should read the advertisement of Mr. Arthur G. Black, of Kansas City, Mo. Mr. Black owns a 320-acre farm in Anderson county, eastern Kansas. He is an attorney and never farmed a day in his life. He wants to sell this farm and he will sacrifice it. He has set a price much below its market value and this place will make someone a fine home and whoever buys it will get it cheap. Look up the advertisement on page 23.

BOVEE'S HOT AIR FURNACE.

Exceptionally low prices are now being offered on Bovee's Hot Air Furnace. This system of heating is claimed to save 40 per cent on the coal bill. If you install your furnace now you will be prepared to keep the house warm when cold weather comes. This company use the return circulating radiators and hot blast ventilation apparatus in their heating system. Catalog, blanks and specifications will be sent free. Address Bovee Grinder & Furnace Works, of Waterloo, Iowa. See page 13 for advertisement and kindly mention The Homestead when writing.

THE SOLE OF YOUR SHOE

may be made of paper, cloth, artificial leather or genuine oak-tanned sole leather. Think of the significance of the fact. You probably pay nearly as much for shoes with paper soles as you do with genuine leather soles, yet one pair of the latter will outwear a couple of the former. In other words, \$4 invested in a well-made, oak-soled shoe like the Kirkendall Electric Welt shoe, will give as much returns in wearing quality as \$6 or \$7 will if invested in cheap-made footwear. Then the difference in satisfaction. A Kirkendall made shoe always looks well, wears well and lasts well. Always a source of satisfaction. It is the shoe that you will put on when you want comfort. They are flexible, that's why. Made of live material. That's what the maker tells us, and his word

is reliable. We are going to ask you to try a pair next time you have shoes to buy. Your dealer should have them. If not, send his name and address to F. P. Kirkendall & Co., 1101-1105 Harney St., Omaha, Neb. See page 18 and mention The Homestead when you write.

ANCHOR FIRE INSURANCE COMPANY.

It is always a pleasure and satisfaction to The Homestead to speak a good word for any deserving Iowa industry. In fact, it is due to the patriotism and loyalty of every Iowa citizen to stand for good home concerns. The Anchor Fire Insurance Company is one of the solid, successful Iowa companies. Its showing for the past year was gratifying to their management and friends. For the first quarter of this year, their large gains in good Iowa farm insurance exceeds anything in the history of the company, and merits the patronage of Iowa farmers and business men. This is strictly an Iowa company for Iowa people. The Homestead insures in the Anchor and recommends it to our patrons and friends.

DR. WILLIAMS' LIBERAL OFFER.

Dr. T. F. Williams, the specialist of catarrhal affections of the head, bronchial tubes, nose, throat, stomach, etc., announces a very liberal offer—to give free one month's treatment. This offer the doctor makes for the sole purpose of convincing you that he will positively cure catarrh. In order to prove to every person afflicted with catarrh in any form that his treatment will effect a cure even though other remedies have failed, he is willing to stand the expense himself for the first month's medicines. He will also send his free illustrated book, "Catarrh and its Cures." The doctor gives each patient personal attention and will make a diagnosis of your case and give an honest opinion without charge. Call or write him. His address is 408 Flynn Bldg., Seventh and Locust Sts., Des Moines, Iowa. Read his Free Treatment offer on page 22.

FIFTY YEARS AT IT.

Fifty years ago the present Howe Scale Company, of Chicago, Ill., was in its infancy. At that time there were few farms equipped with scales for weighing the produce of the farm. The makers of the Howe scale saw the need. They made the best scale possible. It met with success. Each year there were improvements made and now after fifty years of experience in making a reliable farm scale the Howe Scale Company are in the best position to put out a scale that possesses all the desirable points in scale construction and utility. The farmer who buys a Howe scale can feel assured that he is getting full value for his money. The company's past record is the best recommendation that we can refer our readers to. This firm stand ready as always to give their old and new customers a square deal in the highest sense. Write them for scale advice, mentioning The Homestead.

WICHITA CASHIER NOW ENJOYS PERFECT HEALTH.

The institution of Drs. Thornton & Minor, of Kansas City, Mo., has received some wonderful testimonials. Among them is the following from a Kansas hanker: "Wichita, Kan., Oct. 9, 1905. Drs. Thornton & Minor. Gentlemen:—I desire to state that the treatment you gave me last winter for a fissure has been very successful. I am entirely cured and enjoying excellent health. I cannot commend your methods too highly, both as to treatment, uniform kindness and consideration of your patients, and your eminently fair proposition of requiring no compensation until patient is cured. Assuring you of my sincere appreciation, I beg to remain, Very respectfully, C. W. Carey, Cashier National Bank of Commerce." Drs. Thornton & Minor have been successfully treating piles, fistula and other diseases of the rectum for thirty years. If any reader of this paper suffers from such diseases they should write immediately to Drs. Thornton & Minor.

WANT A BUFFALO CALF?

One of the most novel and interesting tests offered by any manufacturer to prove the quality and wear of shoes is made by Messrs. Bentley & Olmsted Company, "The Western People," of Des Moines, Iowa, who make the famous "Buffalo Calf" shoes, so well known throughout the West. Every pair of Buffalo Calf shoes has a test tag attached to it, which is in the shape of a small buffalo calf, and stamped from the actual leather which goes into the uppers of the shoes. Dealers almost everywhere carry Buffalo Calf shoes, but if any of our readers do not happen to find these general durability shoes, if they will just write for one of these interesting tags it will be mailed free if you will just say that you are one of our readers. They will tell you also how to get their Buffalo Calf shoes promptly, and all about why they are the best shoes for practical men, and stand the hardest knocks and more wear—besides being most comfortable and of good shape for everyday wear. If you are able to tear the little buffalo calf tag with your fingers, the manufacturers will send you a pair of shoes without cost to you. Try it.

CANADA LANDS.

Just over the northern boundary, about seven miles is the beautiful and thriving village of Estevan, Saskatchewan. It is the home of about 700 enterprising people who have gone there because they were well aware of the promise for a bright future for that country. It has many large establishments, chief among which is the brick industry. The clay for the brick is of the finest quality and is found just above a vein of the finest coal in that part of that section. Think, the clay for the brick and the coal for burning them comes from the same hole. A second large concern is the Nels Mikkelsen Land Co., whose advertisement appears on page 23 of this issue. About six years ago the gentlemen who form this company purchased all the land in this section that they possibly could. Now, during that brief six years it has trebled in value and the prospects for the future are for a corresponding great increase. Up to the present time, none of this land has been for sale, but now they are offering it at wonderful bargains. The land is rich and will produce crops of grain equal to land twice its value in other places. If you are planning on investing a portion of your means, investigate this country, and write the Nels Mikkelsen Land Co., Estevan, Saskatchewan, Canada, for their homeseeker's guide. They are not simply agents, but own this land, and will take great pleasure in answering any questions you may ask. They will also send you the paper published at Estevan free, for a short time. Mention this paper.

That Look of Newness About the Farm

produced by the use of Pure White Lead Paint is not only a source of satisfaction to the owner, but it has a definite cash value as an asset and as a protection.

When you want to sell, you can get a better price for a well-painted house, wagon or implement.

And when you don't want to sell, the protection afforded by Pure White Lead Paint means longer life to your property, a saving on repairs and replacements, and greater satisfaction in ownership.

The Dutch Boy trade mark found on the side of a keg is a guaranty that it contains only Pure White Lead made by the Old Dutch Process.

SEND FOR BOOK

"A Talk on Paint," gives valuable information on the paint subject. Sent free upon request.

NATIONAL LEAD COMPANY

in whichever of the following cities is nearest you:

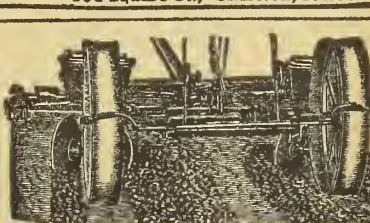
New York, Boston, Buffalo, Cleveland, Cincinnati, Chicago, St. Louis, Philadelphia (John T. Lewis & Bros. Co.), Pittsburgh (National Lead & Oil Co.)



This Keeps Lightning Out Of Your Telephones

This is our "No Risk" Lightning Arrestor. Pull the knob, and your telephone is absolutely cut out. Lightning cannot enter your house.

Protects the house, avoids fire, insures safety for the family. Just send your name and address. Our book explains everything—how you can try the "No Risk" Lightning Arrestor FREE. Or send us \$2.00 and get the complete arrestor. Fully guaranteed to protect as we say or money back. Reliable Agents wanted. One man sold 500 last year, besides farming. W. E. ASHBY TELEPHONE CUT OUT CO., 101 Square St., Charlton, Iowa.



THE KEMPER DISK FURROW OPENER

Will increase the yield of Corn, Cane or Cotton 25%. Guaranteed to pay for itself in one day. Works on any planter. Write for circulars and prices. WALKER MFG. CO., COUNCIL BLUFFS, IOWA

FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,

Blandinsville, Illinois

SELL tobacco and cigars locally or traveling. Salary or commission. Full time or side line. Extra work, good part, promotion. Address, Norotock Tobacco Works, Box P. 98, Danville, Va.

Nelson Land Co., Estevan, Saskatchewan, Canada, for their homeseeker's guide. They are not simply agents, but own this land, and will take great pleasure in answering any questions you may ask. They will also send you the paper published at Estevan free, for a short time. Mention this paper.



80 BALES AN HOUR IS EASY

and they are smooth and solid. It's an all-steel press, angle steel frame with angles turned out. Strong where strength is needed.

Automatic Friction Clutch

stops press instantly. FOOT BUTTON BLOCK DROPPER, drops right time and right place. Returns automatically. "New Idea" feeder—no play or lost motion and no rolls to run through. When you start up with an Ohio Power Press the work goes right along. No chance for breakage and no repair bills. No question but that it is the press of durability, speed and economy. Send for catalog and investigate.

THE OHIO CULTIVATOR CO., DEPT. 13, BELLEVUE, OHIO

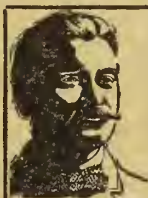
Our two-horse self feed press is the best built.

MEN WHO ARE SICK!



Or suffering from some Weakness or Nervous disorder, Kidney or Bladder Troubles, Blood Poison, Varicocele, Hydrocele, Pelvic, Urethral or Prostate troubles, Skin Diseases and Rectal Troubles.

Can Consult Us Free



Call and see us or write us about your case we will make a careful examination and diagnoses free of charge. Tell you whether your case is curable, how long it will take, etc.

We will also gladly explain our method of treating chronic diseases. A method that has accomplished hundreds of cures. In many instances after every other known source of relief had failed.

If you have had any of these discouraging experiences, have paid out your money without having obtained the results you wanted, and have become skeptical and doubtful as to whether a cure is possible for you, we ask you in justice to yourself and us for the opportunity of proving to you that our treatment is different from anything you have tried and that it is what you need to get well.

We want to demonstrate this to you. Prove in such a manner that it will cost you nothing if the demonstration fails.

If perfect health and strength is important enough to you to warrant calling on us or writing us about your case we will gladly meet you half way and show you how you can be cured quickly and permanently.

Our methods of treatment are scientific and successful. It pays to consult the best first. We made our reputation here in Des Moines. We refer you to any Bank in this city. Write for our Free Book if you cannot call. This book tells all about the various diseases, the cause and cure.

Consultation free and invited either by mail or at the office. Everything strictly confidential.

64 PAGE BOOK FREE

Office Hours 8 A. M. to 8 P. M.

Sundays 9 A. M. to 1 P. M.

Drs. Fellows & Fellows Co. Suite 323 Rollins Block Des Moines, Iowa



## DAY BY DAY

Agricola

Surely the churning of milk bringeth forth butter, and the wringing of the nose bringeth forth blood. This was written some 3,000 years ago with no attempt at explanation.

Sometimes Agricola wonders if it would not be well for modern wise men to omit explanations, and then again he wishes more of them would explain—make plain—the relation of cause and effect in the actual affairs of life. It has been known for three centuries why blood escapes from the nose when the capillaries are ruptured, but the "churning of milk" is yet a mystery. Explanations have been suggested, but not with convincing clearness.

There are rural schools with the grounds adorned with shrubs and flowers. The crocus is a wonderful preacher of the beauty of punctuality; the tulip, lily of the valley and hyacinth are revivalists which never offend the sense of propriety.

And there are some schools where the pupils bring ears of seed corn selected by themselves, and they are subjected to a thorough germination test. The delights of nature study, and the blessedness of working in harmony with the everlasting yet ever fresh laws of nature are thus impressed upon the young heart.

What a joy to see the trees put out their leaves and their blossoms. Why does one kind follow another, and not all leaf out at the same time? And look at the catalpa! The lower branches throw out their tropical looking leaves in advance of the upper branches. Oh, the mysteries of the forest.

But why are the upper limbs lag-gards? The catalpa is late in starting and late in ripening its summer growth, and the top buds are weak, like corn kernels, and have not the vigor to push out a new growth promptly. And sometimes, the upper extremities fail to leaf at all.

It is wise to be up with the times, but not to crowd the season. Many a man put on his gossamer underwear some warm day and repented when the wind shifted to the north. The weather clerk is as unreliable as the average alienist.

My firewood for the year is all sawed and split and is seasoning. It is all home grown, too, and cost nothing but the expense of fitting it for the range.

Oh, yes, it was a little work to set out the trees, but they paid that all back in moderating the climate, in cooling summer shade and in holding back the fierce winter gales. They paid all bills in this way and besides this, there was the charm of their presence while growing.

Agricola indulges in fresh hopes with every new year, but when the asparagus is ready for the table hope begins to have its fulfillment. For twenty years that same bed has furnished all the family could eat, with a surplus for neighbors and for sale in town.

The main secret of success with asparagus is to keep the ground very rich. It should be mellow, but if it is rich enough the mellowness is almost a consequence.

For the first time I have tested the seed corn, each ear separately. One hundred per cent of the ears will grow, and over ninety-eight per cent germinate strong. Well, the satisfaction of knowing this is good pay for the trouble, and disard-

ing the weak two per cent makes assurance positive.

Let us now be up and doing lest some sharp fellow arise and do us.

Too many farmers keep an unnecessary lot of roosters whose only vocation is to crow over the folly of their owners.

Too much of mother's lap and too little of mother's slap sometimes makes a sissy boy of material which might have made a man.

The larch is a beautiful tree, but do not set one out unless you do it early in the season. Many have failed to make it grow in the corn belt. The larch starts very early in the spring and it is hard to make it live unless set before it is in leaf.

Avoid the dollar which lowers character as it goes down into the breeches pocket.

The bible does not tell how to select a good dairy cow, but the modern authorities do say that it is necessary to select one having what in biblical language is called a big belly.

The study of Greek furnishes mental discipline. The high school student who substitutes agricultural chemistry for Greek will get mental discipline all right, and something else.

We are too apt to flatter ourselves that our vices are inherited and our virtues self-made. But will this kind of bookkeeping satisfy the final gatekeeper?

If Agricola were challenged to make a metaphor in promptu it would be something like this: Never frighten a gosling nor be frightened by a goose.

The garden furnishes all that is needed now for physical culture, and, unlike the gymnasium, the pay is on the credit side of the ledger.

When a farm separator is worn out, if of standard make, its age may be renewed and it be made "just as good as ever." The screw gear wears out first, and getting a new screw gear is about the same as getting a new separator. This is Agricola's experience.

## IN AND AROUND WISCONSIN.

The canning factory of Reedsburg will branch out this year into canning string beans.

A company with a capital of \$10,000 has been organized in Berlin for the purpose of manufacturing rural route boxes and stamped steel goods.

The first white child born in Wisconsin, recently died at Minneapolis. Her name was Mrs. Van Cleve, born at Prairie du Chien, in 1819.

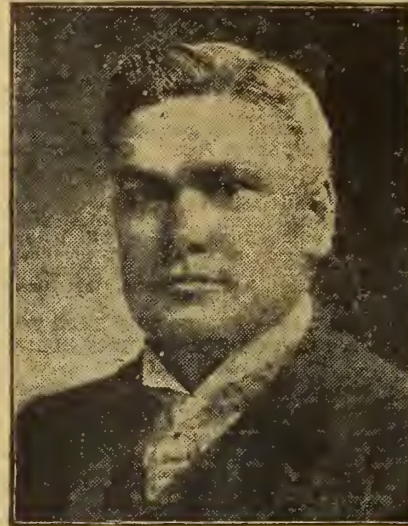
A plan which originated in Chippewa county is being carried out to present a monster petition to the legislature indorsing a bill for prison made twine. The petition will be signed by farmers throughout the state, a large majority of Chippewa county farmers having already signed it.

The Calumet County Dairy Company is having a great deal of trouble with its cold storage plant which is being erected. The site seems to be on quicksand and during the excavation for a basement several springs were struck, and one day a fountain throwing a four-inch stream was uncovered.

Work will be started soon by the employees of the Menominee River Sugar Company, of Menominee, Mich., upon the shipment of seed to the farmers in various portions of the country who are to

## ONE MONTH FREE

I want every sufferer of Catarrh of the Stomach, Head, Ears, Bronchial Tubes, Nose, Throat, Liver, Bowels, no matter how chronic the case may be, to have the opportunity of testing the curative powers of my own private method of treatment for this



T. F. WILLIAMS, M. D.

Consulting Physician.

SEND THE COUPON OR COME TO MY OFFICE.

## FREE TREATMENT COUPON.

DR. T. F. WILLIAMS.

408 Flynn Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

NAME .....

ADDRESS .....

## LANDS AND HOMES FOR SALE

HAVE YOU SEEN SMITH? W. F. SMITH REALTY CO., OF KEARNEY, NEB. WE SELL THE EARTH Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. W. F. SMITH REALTY CO., KEARNEY, NEBRASKA

raise sugar beets during the coming year. The territory of the Menominee factory runs as far south as Sheboygan and as far north as Lake Superior.

The central part of the state experienced heavy snow fall early last week and at Plainfield, Waupaca and other places a fall of ten inches was reported. In some regions wind heaped up big drifts which will remain no doubt for many days. No loss to farming interests has been reported and it is hoped that this is the last spell of winter.

Revelations of wholesale frauds practiced on farmers of the state have been discovered. About the middle of last month a firm under the name of the Adams Grain and Commission Company opened offices, it is alleged, in Milwaukee and sent letters to farmers all over the state offering to buy eggs at several cents higher than the market price. A few correspondents asked for references, but a larger number sent in shipments which it is charged were sold at prevailing prices. Remittances to farmers were not made and an inquiry led to the above developments. Nearly \$300 worth of eggs had been received. This is a case which illustrates the need of better business methods on the farm.

A full car load of birdseye maple has been shipped from Daggett in Menominee county, Mich., consigned to London, England. Large quantities of logs of this kind are being shipped to foreign markets of late and the demand for them, as well as the prices, are on the increase. The timber is used for the manufacture of special pieces of furniture and also for finishing materials.

The purpose of the new arrangement is to be helpful in raising the quality of Wisconsin butter and cheese to the highest standard and to aid in locating the causes and defects in these products. These monthly examinations are in no sense contests, but are designed purely to assist the butter maker and the cheese maker in his effort to improve his

**FOR SALE OR EXCHANGE:** 360 acres Mer county, Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 161 Independence, Iowa.

**FOR SALE:** A few choice quarter sections. Free homesteads adjoining for right parties, on the new railroad N. Dakota and Montana. Address, 918 Security Bank Building, Minneapolis.

**SOUTH DAKOTA FARM—320 acres** good agricultural land, 2 ml. from town; some improvements; \$22 per acre. Address, C. B. Powers, Pukwana, S. D.

products, and to maintain a high standard of quality in them.

## The Manure Spreader.

To the Editor of The Homestead:

I read with interest an article in a late issue of your paper regarding manure spreaders by Alex A. Arnold, and I wish to say that I do not agree with him that they cannot be used when there is snow on the ground.

I will state that I have never had much experience with manure spreaders, having used one only a short time, but I can unload manure with mine when there is snow on the ground the same as when there is none, unless, of course, it would be two feet deep or more. I have used it when there was six inches and more covering the ground completely; also when the snow was partly thawed out and was icy and I had no trouble whatever. Now, this may seem putting it pretty strong, but the up-to-date spreader of today will do the work as I have before stated, and all persons using such a machine will back my statement.

I use my spreader with two medium-sized horses now, and they can do the work well, having only ordinary manure and I take out only a few loads a day. For very heavy manure, and if you put in a big day's work, I would advise getting a three-horse equipment. The beater wheel should have irregular length teeth (short and long), as this kind will distribute long manure more evenly than those having all short teeth. I have used both kinds and this has been my experience.

Pierce Co., Neb. Wm. Hennefer, Jr.

## 34 Years Selling Direct

Our vehicles and harness have been sold direct from our factory to user for a third of a century. We ship for examination and approval and guarantee safe delivery. You are out nothing if not satisfied as to style, quality and price.



No. 789. Spindle Seat Driving Wagon. Price complete \$39.00. As good as sells for \$25.00 more.

We are the Largest Manufacturers in the World

selling to the consumer exclusively. We make 200 styles of Vehicles, 65 styles of Harness. Send for large, free catalogue.



No. 653. Top Buggy with late style Stanhope seat, bike gear and 1 1/2 in. guaranteed cushion tires. Price complete \$73.00. As good as sells for \$30.00 more.

Elkhart Carriage & Harness Mfg. Co. Elkhart, Indiana



# LANDS AND HOMES FOR SALE

## Farms That Grow "No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)

60 ACRE  
FARMS IN  
WESTERN  
CANADA  
FREE

are situated in the Canadian West, where Home-

steads of 160 acres can be obtained FREE by every settler willing and able to comply with the Home-

stead Regulations. During the present year a large portion of

**New Wheat-Growing Territory**

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties.

For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 815 Jackson St., St. Paul, Minn.

Mention this Paper.

## LAND AND A HOME THAT PAYS FOR ITSELF

**UTAH** We will sell, cultivate and turn over to you irrigated land with a crop growing. We will continue to cultivate the land for part of the crop or you can do that, and make it your happy home. Is not that a sufficient warranty of heavy production and a strong market? Climate of sunshine; easy cultivation; easy payments. Fruit, Alfalfa, Poultry, Stock, Grain. Write for Booklet, UTAH COLONIZATION COMPANY, 607 Pioneer Press Bldg., St. Paul, Minn.

## TAKE A TRIP TO SHREVEPORT

Next Excursion April 16.

YOU can buy good farm lands at \$5 to \$15 per acre. They will rent for \$3 to \$10 per acre yearly. Where can you beat this? Good schools, good churches, good climate and good water. Write today for free literature, booklet and folder telling all about this wonderful country.

E. N. BROWN, President,  
Kansas City Southern Land and Immigration Co.,  
452-454 Beale Bldg., Kansas City, Mo.

## WHEAT, STOCK RAISING

in Morton and Hettinger counties, North Dakota. We purchased some choice agricultural lands in those counties and are offering them in tracts from 1/4 sections up, for immediate sale at from \$10 to \$15 per acre on easy terms. No trades. R. R. rates on Tuesdays. A large number of Wis. also some Iowa and Minn. people have purchased lands from us there. If you are interested write or call upon E. M. Kleron Land Co., 311 Nicollet Ave., Minneapolis, Minn.

## THE BEST DEAL YET

offered the actual HOMESSEEKER is that of The Duluth & Iron Range R. R. Co., in its Meadowlands district of St. Louis County, Minn. Good land at reasonable prices and on 15 years' time. Write for full information to Land Commissioner D. & I. R. R. R., 525 Wolvin Bldg., Duluth, Minn.

## TEXAS LANDS!

WE have 200,000 acres of choice lands in the Shallow Water Belt, the best farming lands of Texas at easy prices. We want a reliable agent in every community. Write for particulars. Brewster-Jones-Callaway, Plainview, Texas

## IOWA LEADS—Government crop report shows

that Iowa raises more corn than any other state; same with oats and live stock. Send for our new catalog of improved farms, gives full descriptions of a big list of fine farms in the richest part of Iowa. Also some for rent and to exchange for other property. Northern Iowa Land Co., Independence, Iowa.

## FARMERS, READ THIS!

If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write us for prices and terms and we will tell you how to get a free ticket to see our lands. Gillman Bros., 555 Temple Court, Minneapolis, Minn.

## FOR SALE OR EXCHANGE:

240 acre east-peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

## FOR SALE

In Henry County, Mo., fine farm, 200 acres, 2 miles from Brownstown, Mo., and 40 miles from Kansas City; 160 acres improved, 40 acres timber, new house and barn, some fruit trees. Price \$4,500 cash, balance on 3 years' time. Write Western Stoneware Co., Monmouth, Ill.

## TO THE LANDSEEKER.

PLEASE write for up-to-date list select western PRAIRIE or bottom land. Write for prices and descriptions. Address, John W. Everman, Galatin, Missouri. Branch office, Chillicothe, Mo.

## TO EXCHANGE:

Good 640-acre farm in Wilkin county, Minn.; 483 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

## Missouri Farms For Sale.

PRAIRIE or bottom land. Write for prices and descriptions. Address, John W. Everman, Galatin, Missouri. Branch office, Chillicothe, Mo.

## TO EXCHANGE:

I have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

## LARGE highly improved Eastern Washington

farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

## RICH, FERTILE PRAIRIE LANDS OF WESTERN CANADA

Offer a Golden Opportunity to Both the Farmer and Investor. We have for Sale

**Over 500,000 Acres.**

THE FAMOUS SASKATCHEWAN VALLEY,  
THE GREAT QUILL LAKE PLAINS,  
THE GOOSE LAKE DISTRICT,  
THE YORKTON DISTRICT.

THE FARMER will find here the finest land in the world. Deep, black, loam clay sub-soil, clean, open prairie that will produce 30 to 50 bushels of No. 1 hard wheat to the acre. THIS IS YOUR OPPORTUNITY—TRY IT.

THE INVESTOR will find an absolute safe investment. The country is being fairly networked with new railroads, settlers are pouring in and land values will advance tremendously in the next two years. Our advice is to BUY NOW.

Write for Maps, Printed Matter, etc.

**STEWART & MATHEWS CO., LTD.,**  
187 Water St., WINNIPEG, CANADA. 305 Jackson St., ST. PAUL, MINN.

## READY TO MAKE MONEY?

If you are, we can sell you improved farms in the Calgary district which are producing and will give you a large and steady income at once.

If you would prefer to develop your own farm we can supply you with unimproved lands that will produce enormous crops of wheat, oats, alfalfa, sugar beets, barley, flax, timothy, clover and all root crops.

There is no better live stock and poultry country than this, and you are sure to make a large profit on the rise in land values. The advance in land values has just begun, and prices are bound to go up rapidly.

Let us tell you about some of the improved and unimproved farms we have that can be bought at low prices and on the easiest terms. If you are a farmer, this is the country for you.

**THE CANADIAN-AMERICAN LAND AND INVESTMENT CO., Ltd.,**  
NUMBER 14 BURNS BLOCK. CALGARY, ALBERTA, CANADA.

## A Winning proposition



Buy Land in the Last Mountain Valley, the Garden of Western Canada, and you'll own a home like this. Right in the heart of the Great Wheat Plain of Saskatchewan. Ample timber for fuel and fencing in the district.

**Wm. Pearson Co. Ltd.**  
307 Northern Bank Building  
WINNIPEG, MAN.

Send 15c for photographic souvenir of "The Lake and the Land of Last Mountain Valley."

## SOUTH DAKOTA LAND

### BUY CORN LAND IN SOUTH DAKOTA

AT FROM \$18.00 TO \$25.00 AN ACRE.

Not a one-crop country but a country where you can profitably raise Corn, Clover, Alfalfa, Small Grains and Vegetables as well as Hogs and Cattle. Good Markets, good Schools, good Churches and good Neighbors. Write today for descriptive matter.

**BIG SIOUX VALLEY LAND CO. Ltd.**  
RAMSEY BUILDING, SIOUX FALLS, SO. DAKOTA.

## I CANNOT FARM

Going to sell my 320-acre farm in Anderson county, Kansas, 1 1/2 miles from town of 500; on 2 railroads. Land similar in quality held at \$40 to \$60. Will sell below market price. If you want a fine farm THIS IS YOUR CHANCE. Someone will get it.

**ARTHUR G. BLACK, 732 N. Y. LIFE BLDG., KANSAS CITY, MO.**

## MINNESOTA STATE SCHOOL LAND SALES

Great Opportunities to Secure Homes

At the following times and places I will hold sales of School and Other State Lands.

	ACRES
June 11, Grand Rapids, Itasca Co.	35,000
June 12, Duluth, St. Louis Co.	35,000
June 13, Carlton, Carlton Co.	21,000
June 14, Aitkin, Aitkin Co.	35,000
June 15, Brainerd, Crow Wing Co.	21,000
June 17, Bagley, Clearwater Co.	15,000
June 18, Bimidi, Beltrami Co.	20,000
June 19, Walker, Cass Co.	20,000
June 20, Park Rapids, Hubbard Co.	17,000
June 21, Wadena, Wadena Co.	15,000
June 22, Long Prairie, Todd Co.	8,600
June 24, Hallock, Kittson Co.	25,000
June 25, Warren, Marshall Co.	3,000
June 26, Crookston, Polk Co.	3,000
June 28, Roseau, Roseau Co.	30,000
July 1, Red Lake Falls, Red Lake Co.	5,000
July 2, Detroit, Becker Co.	23,000
July 3, Pine City, Pine Co.	10,000

**TERMS.**—These lands will be sold at public auction to the highest bidder. Fifteen per cent of the purchase price must be paid at the time of sale. The balance may run for 40 years at 4 per cent annual interest if desired. The title to all state land is perfect. Valuable illustrated book on Minnesota lands free; also list of lands offered.

**SAMUEL G. IVERSON**  
State Auditor St. Paul, Minn.

## At Estevan, Saskatchewan

"Rosy Promise Has Ripened Into Reality."

MEN of means may here invest surplus funds and watch dollars grow while they wait. Crops produce plenty profit. We provide renters if you wish, but you can prosper proportionately to come and sojourner among us. Renters can't know, and pay in rents the price of homes and prosperity here. Our locality may not be the Cream of Creation, but a land of prosperity. Instead of watching our smoke at a distance, buy land, secure an Estevan snap and rejoice with us. Generous crops cause gentle smiles. At Estevan no adversity with sorrowful countenances. There is a reason why. Ask and we will explain more. Our Homeseekers' Guide and a weekly newspaper, published at Estevan, Sask., will be sent for a time (free of charge) for the asking. Each will bring to you much information of our locality. The land of profitable investment, of opportunity, of prosperity. Mention The Homestead.

**THE NELS MIKKELSON LAND CO.,**  
Pioneer Prosperity Promoters,  
Estevan, Sask., Canada

## CASH FOR YOUR PROPERTY

**YOUR FARM, HOME OR BUSINESS.** No matter what it is worth or where located. If you want your property sold quickly send description and price. If you want to buy a property of any kind tell us your requirements. We can save you money.

**GLENN REALTY CO.**  
16 Gumbel Building, KANSAS CITY, MO.

## LAND ADVERTISING.

For additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## Missouri Farms.

Write for State Map, Booklet and Weather Report. Sent Free. HAZEL J. MEEK, Chillicothe, Missouri.

## DON'T COME TO VIRGINIA!

500 Special Bargains in Farms. Northern farmers send for new catalog. Learn about FREEZE this country. Southside Realty Co., Inc., (Successors to Percival Bros.) Petersburg, Virginia.

## READ "HURD'S PIPE DREAMS"

Copy. About the best cheap lands in Texas Coast Country and beautiful Alamo Ranch. Agents wanted. Fidelity Immigration Co., 1046 Union Ave., Kansas City, Mo.

## TO EXCHANGE:

Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

Homeseeker, be careful. Locate right. Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. Miller & James, Meade, Kansas.

## FOR SALE, RENT OR EXCHANGE:

Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.



### Echoes From a Kansas Farm

By Henry Hatch

There is such a thing as wasting \$50 a year using a \$15 planter. We have done it, anyhow.

The corn planter that puts two kernels in one hill, four in the next, and then drops back to three for awhile, isn't accurate enough for this age of the world. A new planter should not plant that inaccurate and erratic.

The drill-drop planter, the kind that drills all the time, with valves to collect the seed between hills, is more or less erratic in its dropping. We have seen them where much one and four kernel to the hill dropping was done.

It is always a question how deep to plant. Just now the weather is dry, and should it remain dry until the corn planted gets well sprouted, deep planting would be just the thing. We have planted deep during a period of dry weather, however, and had heavy rains come on soon, resulting in only the rows on the back-furrows and the well-drained knolls showing a stand.

Why is it that location makes a great deal of difference in the manner of farming, even when two localities are but a few miles apart? We live practically the same distance from four towns. On the road to two of these towns, the farmers are always well up with their work, while to another town, they are slower, and to the fourth slower still. This is not a happen-so, but it has been of yearly occurrence ever since we have lived in the state. Some localities are slow to let loose of a custom.

It is not often that a fellow sows one thing, or thinks that he does, and reaps another. One of our neighbors sent for seed of *Bromus Inermis*, and raised a great seed crop from it the second year. He supposed all the while it was *Bromus*, but when he went to sell it, the dealer thought it was not *Bromus*, so sent off a sample, to a seed expert, before making any price on the seed. The seed expert (?) sent back word that it wasn't *Bromus Inermis*, and he did not know what it was. No one has yet been found that does know what it is.

Life is too short to fool away the use of land growing grass or clover, with which is mixed plantain or other weed

pests. The best thing to do with a plantain infested field is to plow it up immediately, and start afresh. The state of Kansas now has a "pure seed law," and we hope some practical good will come of it.

"How many chickens did you get from that last hatch?" is an oft asked question, nowadays. The number of incubators in use throughout the width and breadth of an ordinary township is surprising in the extreme. It seems that almost every other farmer has from one to three machines, and they are kept busy just now. As soon as one hatch comes out of the shell more eggs are put in. The Americans are a race of chicken eaters, or the market would be over-supplied.

The very first thing we did this spring, after getting the small grain in, was to go ahead and disk the stalk land that would soon be plowed for corn. We can see a great difference in plowing this land; it turns the soil over finer, and the draft of the plow is lighter. Of course the weather has been favorable for this work all along. There are seasons here when we do not find the time to give this extra preparation, on account of wet weather keeping all field work at a standstill.

We are compelled to admit that there are some as badly weed-infested fields here in this part of Kansas as anywhere in the world. It seems to us that we would not sleep well at night if we had the cockleburrs that some farms have. At any rate, we would certainly "do something" that would have a tendency to lessen them. In getting rid of the cockleburrs found on this farm when we took possession, one good way found was to sow a forage crop. By leaving the field unplowed until the last of May, then working it into shape, by plowing and harrowing, for a crop of thickly sown cane or kafir corn, the burrs are given a severe set-back for that season. But it takes everlasting fighting to finally get them down and out.

#### The Week in Kansas.

To the Editor of The Homestead:

The dry weather has continued, but the almost summer heat has not. It has been very cool practically ever since our last letter was written, and each morning of the last two days we have found thin ice in the hog troughs. This, together with the dry condition of the soil, is making all growth slow. There has been no white frosts because it is too

\$20.00 Up.

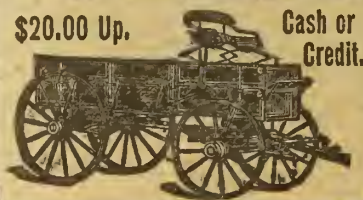


Catalogue FREE.

\$45.00



\$20.00 Up.



Cash or Credit.

### AGENTS WANTED

We want men who are not actively engaged in business to act as our agents. We pay liberal cash commissions. Write for our catalogue and full particulars.

### ON CREDIT

#### Buggies

Only \$10. Cash.

Balance \$5 a month. Warranted for 3 years.

#### Surreys

Only \$25. Cash.

Balance \$7 a month. Warranted for 3 years.

#### Farm Wagons

Only \$15. Cash.

Balance \$5 a month. Warranted for 3 years.

We trust honest people located in all parts of the world. Cash or easy monthly payments. Write for our free catalogue.

**CENTURY MFG. CO.,**  
Dept. 750 East St. Louis, Ills.

dry, and nothing has been injured by the cold weather, except to be retarded in growth.

Of course the dry weather is the theme now. Old settlers say it's starting out just like a dry year in the '60's did. We do not doubt this in the least, but how it will end, is quite another question. In less than two weeks we may be growling because it doesn't stop raining, so there is no certainty that this season will be like another in the dim past, just because an old settler remembers that it is "starting in like it."

Last year our period of dry weather came in May. It injured the tame hay crop and the crop of spring sown small grain. It seems to be with us just a month earlier this year. It is having an effect on the grain sown a few weeks ago, and all grass is not making the growth it would with more moisture. Oats that were hogged in before the fields had dried sufficiently, are looking the poorest. The dry weather is telling badly on all such.

There is a great newspaper scare on right now about the "green bug." It has been seen, according to all newspaper reports, in the wheat in about all the counties of the state, this county included, but we have not been fortunate enough to find a single specimen as yet. Oklahoma reports much damage done, but in all cases we think the dry weather is cutting the deepest. The ideal time for all bugs and insects to work and increase is just the weather we have been having for the last month, while the same kind of weather retards all growth, making it a case of burning the candle at both ends. But the dry weather end is burning the fastest.

Work is being pushed rapidly by all who believe in pushing spring work. Considerable corn has just been planted by some, and none by many. Accordingly as fields have been worked, there is moisture enough, or almost none at all. Some are planting among clods and others in well prepared ground. The man who has followed the plows with the harrow has made by it, this spring. It is the same old story this evening—dry and cool.

Henry Hatch.

Coffey Co., Kan., April 10, 1907.

#### Possibilities of Corn Production.

To the Editor of The Homestead:

The article in a late issue of your paper in regard to the possible yield of corn when planted in hills forty-two inches each way interested me, and I did some experimenting and figuring that may throw yet a little more light on the subject.

Instead of taking it for granted that one hundred ears make a bushel, I sought a method of calculating that might give us more definite results. I went to my crib and picked out three good ears of corn. They were all exactly ten inches in length. Two of them had sixteen rows of kernels and one fourteen, and the three ears weighed three and a half pounds. Taking the editor's figures for the number of hills

to an acre when planted, as noted above, 3,556, this would give us 12,446 pounds of corn to the acre, or, at seventy pounds to the bushel, 177 bushels. These figures represent the product from what might be considered an ideal crop—a perfect stand, exactly three stalks to the hill, and a good ear to each stalk.

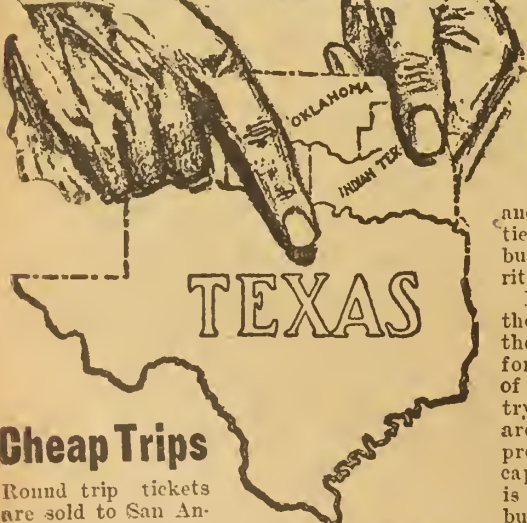
In every undertaking in life we should have our ideal and strive to attain it. We may fall short, we usually do, but we must study out every detail in a plan to come as near attaining it as it is possible to do. Then if, every condition being favorable, there is a possibility, as shown by the figures, to raise 177 bushels of corn to the acre, it is up to us to do our part in making the conditions and trust to nature to do the rest. We must be sure that we do our part. The preparation and fertilization of the soil, the selecting and grading of the seed, the utmost care in planting and cultivation, all these are factors that must receive proper attention, and the neglect of one can scarcely be remedied by extra attention to the others.

I note that one of your correspondents fails to see how one hundred bushels can be raised to the acre with only two ears to the hill. Taking the weights I give above, we see that each hill will yield about two and a quarter pounds of corn, and that 3,556 hills, or one acre, will produce 8,001 pounds, or 114 bushels.

Now, if with a perfect stand and a perfect crop we can approach 177 bushels, it would seem that the thought would furnish inspiration to every farmer in the corn belt to adopt better methods than many of them follow, and that they would have confidence in their ability to produce at least 60 per cent of an ideal crop, which would be over one hundred bushels to the acre. As I know of several farmers in this and adjoining counties of Illinois who have produced over one hundred bushels to the acre, and without extraordinary effort, it would seem that we are not bringing our \$150 land up to its possibilities if we do not come very near that yield at least three years out of four; and I certainly believe that with the progress farmers are now making in the study of the corn plant and the best methods for growing it, that the time is near at hand when one hundred bushels to the acre will be as common as sixty now. Counting the number of hills and number of ears to the acre, and noting what a difference results when 10 or 20 per cent of the number is cut out, is calculated to show us the necessity for securing as perfect a stand as possible. This is one of the important requisites in securing a heavy yield. Macon county, Ill. J. C. Nicholls.

So many in starting a poultry plant aim too high. They want to walk before they are able to creep. The most successful poultry farms in the country are those that started small and gradually grew up. No business can be successfully conducted without experience

## SEE THE SOUTHWEST



## Go Now!

and see for yourself the opportunities for making money—for home building in Oklahoma, Indian Territory and Texas.

Prospects were never brighter—the crops are fine and show plainly the possibilities of the Southwest for you. There is an actual need of more hands to develop the country. In the Southwest are vast areas of unimproved land not yet producing the crops of which it is capable. Practically the same thing is true of the towns. Few lines of business are adequately represented. There are openings of all sorts for the right men. Are you one?

## An Exceptional Offer

To enable you to see the Southwest, its advantages and opportunities, round trip tickets will be on sale April 16th and May 7th and 21st, to all points Southwest at exceptionally low fares. Tickets permit of stop-overs going and returning and are good thirty days from date of sale.

Write today for particulars and ask for our paper "The Coming Country."

**T. B. COOKERLY,**

District Passenger Agent, 318 Citizens Nat'l Bank Bldg.

Des Moines, Iowa.

### Cheap Trips

Round trip tickets are sold to San Antonio, Corpus Christi, Brownsville, etc., on the first and third Tuesdays of each month, at the following fares:

Des Moines . \$23.00  
St. Paul . . . \$27.50  
Chicago . . . \$25.00  
Kansas City . \$20.00





Dates Claimed for Live Stock Sales.

**SHORT-HORNS, ABERDEEN ANGUS AND HEREFORDS.**  
 May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
 June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.  
**ABERDEEN ANGUS.**  
 May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
 May 28, C. J. Martin, Churdon, Iowa.  
 June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
 June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
 June 18, H. A. Cole, at Des Moines, Iowa.  
 June 25-26-27, L. H. Kerrick Est., Bloomington, Ill., W. C. McGavock, Mgr.  
 Oct. 16, John E. Griffith, Washington, Iowa.  
**SHORT-HORNS.**  
 April 22, Geo. Bothwell, Nettleton, Mo.  
 April 24, F. P. Healy, Bedford, Iowa, at South Omaha, Neb.  
 April 30, M. T. Conner, Auburn, Neb.; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
 April 30, S. J. Cochran, M. T. Conner, Auburn, Neb.  
 May 8, A. Chrystal, Marshall, Mich.  
 May 22, R. H. Hadley, New Providence, Ia.  
 May 22, Carpenter & Ross, Mansfield, Ohio.  
 May 23, Forbes-Prather-Ayres-Hanna, at Chicago, Ill., W. C. McGavock, Mgr.  
 May 27, Combination Sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
 May 28, Henry Kuper, Humboldt, Neb.  
 May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
 May 31, W. A. Forsythe, Greenwood, Mo.  
 May 31, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 8, W. E. Cutler, Corydon, Iowa.  
 June 11-12, F. O. Lowden, at Chicago, Ill.  
 June 14, H. H. Diers, St. Olaf, Iowa.  
 June 19, A. B. Clark, Wayne, Neb.  
 June 19, N. P. Haigren, Vinton, Iowa.  
 Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
 Oct. 2, H. J. Weber, Jefferson, Iowa.  
 Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
 Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
 Oct. 14, J. R. Mansfield & Son, Wisner, Neb.  
 Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
 Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
 Oct. 29, John Rasmussen, Lake City, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
 Dec. 19, J. T. Judge, Carroll, Iowa.  
**HEREFORDS.**  
 May 2, Gudge & Simpson, Independence, Mo., at Kansas City, Mo.  
 May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
 May 15, Mrs. C. S. Cross, Emporia, Kan.  
 June 18, Hood & Baker, Dunlap, Iowa.  
**POLLED DURHAMS.**  
 Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.  
**DUROCS.**  
 Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
 Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
 Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
**POLAND CHINAS AND DUDOC JERSEYS.**  
 Oct. 19, E. A. Olive, Scranton, Iowa.

FIELD NOTES.

Messrs. Manley & Co., of Lyons, Neb., are offering Proud Advance boars for sale.  
 Five young Galloway bulls are offered for sale by Mr. W. W. Scholes, of Onawa, Iowa.  
 A few good Scotch bulls are offered for sale by Mr. E. Funke, of Greenfield, Iowa.  
 Mr. Grant Davidson, of Manson, Iowa, has a few Crimson Wonder I Am sows for sale.  
 Berkshire sows and gilts are offered for sale by Mr. E. H. Dancer, of Lamoni, Iowa.  
 Three O. I. C. fall boars are offered for sale by Mr. H. C. Mehring of Manson, Iowa.  
 Ten head of Junior Jim gilts are offered for sale by Mr. Austin Renshaw, of Blair, Neb.  
 Mr. A. F. Hager, of Avoca, Iowa, is offering a few good young Hereford bulls for sale.  
 Mr. C. S. Harrison, of Blencoe, Iowa, is offering a few good Percheron stallions for sale.  
 Duroc Jersey boars of summer farrow are offered for sale by Mr. C. M. Dewey, of Shannon City, Iowa.  
 Hereford bulls and heifers are offered for sale by Messrs. Edmonds, Shade & Co., of Kingsley, Iowa.  
 Two yearling Proud Advance and Top Notcher Again boars are offered for sale by Mr. W. J. Prather, of Russell, Iowa.  
 Mr. H. J. Weber claims October 2d as a date to hold a public sale of Short-horn cattle at his farm near Jefferson, Iowa.  
 Improved English Yorkshire sows, due to farrow in April and May, are offered for sale by Mr. F. Rabeller, of Leigh, Neb.  
 The great Percheron stallion, Lord Tennyson 48208, weight 2,200 pounds, a grand individual and a grand good breeder, is being offered for sale by Mr. J. S. Golder, of Scribner, Neb.  
 Mr. Roy Stacy, of Rochelle, Ill., the well-known breeder of Duroc Jersey hogs, writes that he has some fine pigs by Tip Top Lad, a grandson of the champion Tip Top Notcher, which he will offer for sale later in the

season. If interested in Durocs write him, kindly mentioning this paper.

French draft and Percheron stallions and mares and Kentucky and Missouri-bred jacks are offered for sale by Mr. C. T. Gollehon, of Blair, Neb.

A few choice quarter sections of land with free homesteads adjoining, for right parties, are offered for sale in an advertisement, the address of which is 918 Security Bank Bldg., Minneapolis, Minn., that appears on page 22 of this issue.

Mr. W. C. Pollock, of Arlon, Iowa, has a registered Percheron stallion, weighing 1,700 pounds, with fine style and action, which he is offering for sale at a reasonable price in his advertisement that appears on page 26 of this issue.

The Ardmore Stock Company, of Holstein, Iowa, are offering for sale some good Scotch and Scotch-topped bulls. These are sired by Imp. Scottish Pride and Imp. Lord Mount Stephen. They have some good ones and are pricing them right.

For Red Polled breeding stock, either sex, write to Mr. H. M. Hansen, of Brayton, Iowa. This stock is from cows that are good milkers and their progeny in the past has always sold well. When you write him kindly mention The Homestead. See advertisement on page 26.

Messrs. Rhea Bros., of Arlington, Neb., have about thirty home-bred Percheron stallions on hand that they are pricing very reasonable. They also have some imported stallions and some of their leading prize winners will also be sold. They certainly are offering some bargains.

Mr. J. L. Slick, of Lanark, Ill., writes: "The three-year-old stallions that I am now offering, though not especially fitted for sale, are good ones, with plenty of strong bone, recorded and are broken to harness. They are right and may be bought right." See advertisement on page 26.

Berkshire gilts of fall farrow, some extra good ones, can be had by writing to Mr. C. J. Martin, of Churdon, Iowa. A number of these are very fancy in head and ear, with good backs, good feet and plenty of size. He will price these right and will sell them in singles, pairs or as many as a breeder wants.

Messrs. Wheatley & Ward, of King City, Mo., can furnish Aberdeen Angus bulls that are ready for service. Their herd is one of the largest in the West, which gives an excellent opportunity for making selections. See page 29 for their advertisement and if wanting a bull at a moderate price write them or, better still, go and see the herd.

Col. Geo. P. Bellows, of Maryville, Mo., made in the neighborhood of 150 sales during 1906 and the present year promises even better than last. Colonel Bellows is booking many dates for the fall of 1907 and the spring of 1908. Those who contemplate wishing his services should not delay getting his open dates and fix their sale date. See page 26 for Colonel Bellows' address.

Messrs. James Wilson & Son, of Avoca, Iowa, are offering two splendid young Polled Durham bulls for sale. This firm have one of the best Polled Durham herds in the West and they are reliable breeders. Anyone buying a bull of them can absolutely depend on what they say. These two bulls are good enough to head herds. It will pay anyone wanting a Polled Durham bull to go and see these.

Mr. Geo. H. Burge, of Mt. Vernon, Iowa, has concluded to hold a public sale of Short-horn cattle on October 10th. It was not his intention to hold this sale until some time next spring, but he has so many calves on hand now, and some to come every month, which would take him into the winter with more than he could handle, so he has decided to sell in October. He says this sale will be an unusual one in the number of Money Musk heifers he will have for sale.

If any of our readers want a good young Scotch bull they can buy them of Mr. N. A. Lind, of Rolfe, Iowa. He has six that are about two years old and a few good yearlings. They are mostly sired by Imp. Fancy's Pride, the bull that has sired so many of Mr. Lind's show cattle. Among these young bulls are some that could be made winners should they fall into good hands. If any of our readers are looking for a young Scotch bull it will pay them to go and see the Lind bulls.

Buyers of choice Improved Chester White swine should remember that Mr. James Fisher, of Eastman, Wis., has a choice lot of March and April pigs of this season's farrow. The kind that he keeps are the large, mellow, easy-feeding sort. This breeder has always had a good reputation for the bone and finish of his stock and no doubt he can satisfy your needs to the best advantage. Write him for prices and catalog as advertised on page 26. Kindly mention The Homestead.

Mr. J. L. Slick, breeder of Poland China hogs, of Lanark, Ill., writes: "My advertisement in The Homestead is a paying proposition. The bred Poland China sows that I have been offering are all sold, with orders to return. But we are now breeding a choice lot for July and August farrow and have a bunch of good young boars from seventy-five to 200 pounds that are well enough bred for the professional breeder and are O. K. for the feeder, both in price and quality." See advertisement on page 26.

Mr. M. P. Hancher, of Rolfe, Iowa, has about 100 Poland China pigs on hand of spring and fall farrow, and will be in position to offer the trade some good things this season. These are sired by his present herd boar, Trenton Shine 106347, a hog with lots of size and plenty of bone, and also by his former herd boar, Chief Tecumseh 4th. Mr. Hancher will make a brood sow sale next winter and he will have a good offering for the buying public. He also has a good herd of Short-horn cattle and has a few nice young Scotch bulls for sale.

Mr. R. J. Johnson, of Humboldt, Iowa, formerly one of the foremost breeders of Short-horn cattle and Poland China hogs in the United States, and for years the head of the live stock division at the Iowa State Fair, has branched out again in the live stock business and has laid the foundation for one of the very best Berkshire herds. He purchased a son of the noted boar, Lord Lee 61138, dam Lee Duchess by Baron Lee,

OUR RED LETTER

Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date .....190..

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name .....

Postoffice .....

Rural Route ..... State .....

to head his herd, and he is assisted by Oak-bourne Duke, a grandson of Baron Lee 6th and out of a dam by the well-known sire, Big Ben 78181. He has drawn on some of the best herds in this country for sows, and some of these days expects to have as good a herd as there is in the West. When Mr. Johnson bred Short-horns and Poland Chinas he had two of the best herds in this country, and we expect him to go to the front with his Berkshire herd.

TWENTY-FIVE HEREFORD BULLS FOR SALE.

These are sired by Beau Donald 12th 90957, one of the best sons of old Beau Donald. They are yearlings and two-year-olds, and are out of Wild Tom, Hesiod, Archibald and Stone Mason cows. Write Mr. A. Spooner, of Mondamin, Iowa, or go and see him. He can easily furnish a car load if wanted.

TELEPHONES AT SMALL COST.

Mr. B. H. Van Vliet, of 1006 Grand Ave., Des Moines, Iowa, is offering second-hand telephones at \$2.50 each. These phones are just as good as new, but they are not adapted to the new exchange that is now being installed in the city of Des Moines. See the advertisement on this page of this issue, and remember that for \$2.50 the phone will be prepaid to your nearest freight depot.

1,500 HIGH-GRADE ANGORAS.

The Angora goat fills a very good position on many farms. His ability to clear up brush land is well known. Mr. Wyatt Carr, of Collins, Iowa, has a flock of Angoras, including wethers, a few bucks and a few American milk goats. He would be glad to meet you at his farm or to answer any inquiries which you might address. Kindly mention The Homestead in writing him. See page 17.

BANNER'S VICTOR 242584 FOR SALE.

Anyone wanting a good young Short-horn bull to head a herd should write or go and see Mr. C. R. Warren, of Glenwood, Iowa. He is offering Banner's Victor for sale. He is a two-year-old and was the second-prize bull at the Iowa State Fair in 1906. He is a grandson of old Cumberland and is a bull that anyone who owns a herd of Short-horns would be proud of at the head of their herd. Mr. Warren owns his sire and therefore can spare this young prize winner. He is a most excellent individual and is all right and is looking well. Write Mr. Warren at once if you want him.

L. G. SHAVER'S POLLED DURHAMS.

Mr. L. G. Shaver, of Kalona, Iowa, breeder of prize-winning Double Standard Polled Durham cattle, writes that he is sold out of bulls over six months old. He has shipped cattle during the winter to Montana, South Dakota, Nebraska, Minnesota and Missouri, besides selling large numbers in Iowa. Recently he has sold what he considers a prize-winning seven-months-old calf to Mr. G. H. Colvin, of Ft. Madison, Iowa. This calf is out of Orange Lady, an Orange Blossom cow. Another November calf has recently been sold to Mr. Chas. Monday, of Cory, Colo., to be shipped the 1st of May. This calf was ordered young because the express amounts to \$8.50 per hundred weight. Since the 1st of January Mr. Shaver has sold something like forty

head by private treaty. He has the finest lot of young calves coming on that he has ever raised, from splendid cows and extra good bulls. Those who are interested in this breed should keep Mr. Shaver in mind and remember that he keeps the kind that win at the state fairs and at the International Exposition. See advertisement on page 29.

GEO. KITCHEN, JR., SELLS TWO GOOD "DODDIES" IN THE MCGAVOCK SALE AT OMAHA.

Among the good things consigned to the Aberdeen Angus sale to be held at Omaha, Neb., on May 1st, under the management of Mr. W. C. McGavock, is a bull and cow from the herd of Mr. Geo. Kitchen, Jr., of Gower, Mo. The bull is a yearling past and was got by the Trojan Erica bull, Elastica, being out of a Trojan Erica cow that was sired by Bion, the Highland champion bull imported by Messrs. Goodwin and Fleming. This young bull's dam, Rose of Emerson 3d, was the dam of the undefeated Rose Gay. In consigning this bull Mr. Kitchen consigns one that is thick from end to end, a good fletcher and a bull that will do some herd plenty of good. Fair Helen, the cow, was got by Gay Blackbird and is well along in calf to Louis of Meadow Brook, Mr. Kitchen's great show and breeding bull, whose get have won seventeen first and champion prizes. In Louis of Meadow Brook Mr. Kitchen has one of the great bulls of the breed. The young things now coming on are of great promise and some very promising show material is being developed. Fair Helen, the cow that goes in the McGavock sale, is a typical Angus cow, even in all her lines and a good producer, she being the dam of the show bull, Elm Park Lad. She should please some appreciative buyer who wants a good producing cow bred to a bull that is making a reputation as a sire of high-class stuff.

MARSHALL COUNTY SHORT-HORNS.

Messrs. Jesse Binford & Sons, of Albion and Liscomb, Marshall county, Iowa, are among the pioneers of central Iowa in the rearing of good Short-horn cattle. For more than twenty years the writer has been familiar with their breeding operations, and at no time in their history has he known their herd to be in as high a state of perfection as at the present time. Their cows have wintered nicely and are at the present time in the best condition they have ever been on their farm at this season of the year. They have a few bulls that they care to part with in the near future and incidentally they remarked that they might part with their herd bull, Waubun. This bull was sired by Baron Kear, and is a straight Orange Blossom Cruickshank. He has been a splendid breeder and not only that, is one of the best individual Short-horn bulls in central Iowa. He was bred by the late John Glennous, of Iowa City. This bull has unquestionably been the best breeding bull the Messrs. Binford have used for many years. He is a solid red and worthy of a place at the head of a herd. So much of the get of this bull remain on the farm that they have deemed it expedient to make a change. They have five young bulls for sale, several of which are exceptionally good ones. Their other herd bull is Nokomis 162763. This is a

FOR SALE AT A BARGAIN

SIX slightly used Cyclone well drilling machines, 5 five steam, one gasoline power. All in first class shape. Also 2 1/2 horse power gasoline engine. Address,

B. F. RICHARDSON, DUBUQUE - IOWA.

TELEPHONES

FOR \$2.50 each you can buy, freight prepaid, rent talking second hand telephones. New exchange renders them useless to me.

B. H. VAN VLIET, 1006 Grand Ave., Des Moines, Iowa.



PILES

FISTULA--NO MONEY TILL CURED

C. A. Stafford, General Merchandise and Produce, Altoona, Kans., writes: "Jan. 6, 1903. I would say that was perfectly satisfactory, and that I have the utmost confidence in your method. I have suffered from Piles and Pro-lapsus for several years, and since your treatment, last summer, am free from both."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fis-tula and Diseases of the Rectum.

Signed.....

Town..... State.....

Brawlt Bud bull, also sired by Baron Kear 117998, hence it will be seen that he is a straight Cruickshank of the most aristocratic breeding. It has been the use of just such bulls as these that has given Messrs. Bin-ford their prestige in the Short-horn busi-ness. In addition to the five bulls mentioned for sale a few females might be spared in connection with the sale of a bull. How-ever, they have their herd reduced now to about sixty head of breeding cows, and are not particularly anxious to sell females at this time. But they have always been very accommodating to their customers, and when a good customer appeared at their place of business he could usually get prices on al-most anything he desired, and we predict this same liberal policy will be pursued in the future. Their changed announcement will be found on this page. When writing them kindly mention The Homestead.

#### SOME GOOD ANGUS BULLS.

The man hunting some good Angus bulls should get in touch with Mr. W. F. Eckles, of Green City, Mo. Among these Mr. Eckles is offering his double Pride herd bull, Pride's Albion 5th, a massive bull that is a great sire, he having sired the first-prize heifer at the World's Fair at St. Louis and the first-prize heifer at Nebraska State Fair, and the Hutchinson, Kan., show in 1906. Mr. Eckles is only selling Pride's Albion because he is keeping so many of his daughters that he cannot use him to advantage. See page 29 for Mr. Eckles' advertisement and when writing him kindly mention The Homestead.

#### J. H. MOYER'S SHORT-HORNS.

A Homestead representative recently spent an hour or two among the good Short-horn cattle owned by Mr. J. H. Moyer, of Newton, Iowa. At the present writing Mr. Moyer has a splendid bull for sale called Nonpareil Courtier Jr. 243631. This splendid bull was calved May 13, 1904. His dam was Beauty 48th of Maine Valley. He has been using this bull at the head of the herd and has demonstrated his worth as a breeder. The numerous good calves by this bull can be seen by any prospective buyer. He is a thick-fleshed bull, true and even in his lines, possessed of good quarters and as a whole must be considered one of the good, thick-fleshed breeding bulls of central Iowa. In addition to this choice bull, Mr. Moyer has for sale a half brother to him, a beautiful red, sired by Scottish Champion. He has for dam the same cow, Beauty 48th of Maine Valley, which, by the way, is one of the best Short-horn cows in Jasper county. Mr. Moyer's herd is not of sufficient numbers at present to justify him in offering to price many females. His chief concern is in the sale of these two bulls, yet we suspect that if a bull buyer were to present himself and would not be content without securing one or more of the choice females in Mr. Moyer's herd, that he might be persuaded to part with one or more. Nevertheless, this is a matter of speculation on our part. The Homestead can heartily recommend Mr. Moyer as a safe man with whom to deal. His announcement appears on page 31.

#### MALAKA SHORT-HORNS.

Conditions at Mr. H. D. Parsons' Malaka herd of Scotch Short-horn cattle held at Newton, Iowa, or Baxter, Iowa, were never better. With some two or three old cows excepted, the herd is entirely Scotch. Scot-tish Champion proudly claims the honors of chief stock bull and it would require a phenomenal bull to wrest this position from him. The numerous strictly choice calves by this bull persuade Mr. Parsons to the be-lief that he has never owned a better sire and few breeders have ever had his equal. There are seventy-five Scotch cattle now in the herd. He has for sale now and ready for service one red Cruickshank Mayflower by Scottish Champion that is a top notcher, a herd header. He also has a splendid dark roan bull by Lord Lenton 206868 and out of Lady Gloster that should be doing service in some herd. Both of the above bulls are past one year old and are worthy of the in-vestigation of anyone in need of something really good and royally bred. Imp. Blythe-some has a good red bull calf ten months old. She has a three-year-old daughter by Imp. Choice Goods that is the best matured daughter of this great bull that we have ever seen by him. If there is a better worth four figures, she is the one. Some great work is being done at Malaka Farm, as will be ver-ified by a trip to the farm. Mr. Parsons is one of the older breeders of the state and there are none in America in whom the breeders have more confidence. Miss Pearl Parsons, who has prepared all of her father's catalogs, would be pleased to compile and have printed catalogs for any of the Short-horn breeders of the West.

#### FARM AND GARDEN HELPS.

Tools that save time and labor and result in larger crops. The scarcity of good farm help is a serious problem which confronts the farmers today, and the result is that many of them are compelled to let a large part of their land lie idle and allow it to run to grass and weeds. The farmer or gardener who depends on Iron Age Farm and Garden Tools has the best help in the world. These tools do the work easier, quicker and better than it can be done by any other tools or methods. There are Iron Age tools for every farming need, and some of them combine several tools in one implement. The No. 6 Iron Age tool, for instance, can be used either as a double or single wheel hoe, or as a hill or drill seeder. At a single operation, it opens the furrow, sows the seed, covers and rolls the ground and marks the next row. It takes only a few minutes to change into either form of wheel hoe. This implement can also be had without the seed attachment, when it becomes the No. 1 Iron Age combined double and single wheel hoe—the only wheel hoe that combines these two forms. Illustration of the No. 1 is shown herewith. The No. 60 Iron Age riding cul-

tivator is another great labor saver. It is quickly adjusted to cultivate any crop in rows from twenty-eight to forty-eight inches in width. It is successfully operated on both level and hilly land, and all kinds of soil; is easy to guide and easy to turn in small-



est space. Iron Age potato machinery brings success to the potato grower and makes his work more profitable. The Iron Age (Im-proved Robblins) potato planter is the only planter that does absolutely perfect work—no misses or doubles—and doesn't bruise or puncture the seed. Other Iron Age potato machinery comprises four-row sprayers, special riding cultivators and potato diggers. Iron Age tools are made by the Bateman Manufacturing Company, of Grenloch, N. J., and the works have been established since 1836. Only the best materials and work-manship enter into the making of Iron Age tools. They are light, strong and easy run-ning, and every implement is guaranteed. The 1907 Iron Age book is the most beau-tiful book of its kind ever published, and shows and describes the complete line of Iron Age farm and garden tools—wheel hoes, seeders, fertilizers, distributors, horse hoes, potato planters, cultivators, sprayers, dig-gers, etc. It is a book that should be in the hands of every reader of The Homestead, and will be sent free on request to Bateman Manufacturing Company, Box 148, Grenloch, N. J.

#### THE E. L. NAGLE & SON CHESTERS.

The firm of Messrs. E. L. Nagle & Son, of Deep River, Iowa, report the arrival of 100 spring pigs up to date, sired by such well-known boars as Pioneer 9515, Neponset Henry 15607, Top Notcher 12661, I Will Win 13629 and Perfection Model 12785. The pigs are all strong and hearty and the firm are now hooking orders. Breeders who se-



cure some of these young Chesters at three or four months of age will be specially for-tunate. The firm will send out nothing but what comes up to a high standard and gives every promise of growing into the right kind. Messrs. Nagle & Son also have on hand five September yearling boars in good condition. These will be priced right. See the adver-tisement on page 29 and when you write please mention The Homestead.

#### HIGH-CLASS HEREFORDS IN THE OMAHA AUCTION, MAY 1ST.

In the McGavock auction at South Omaha,

May 1st, are included some of the best Here-fords that have recently been offered at this sale place. Mr. S. R. Waters, of Poplar Bluff, Mo., who purchased at the recent Nave auction the show cow, Nutbrown 9th, at \$1,975, consigns sixteen head to this auc-tion that are of the very best type with good scale, bone and breeding. He catalogs fifteen cows and heifers and one bull and they are sired by such celebrated bulls as Beau Don-ald, Beau Brummel, Kansas Lad, Kansas Lad Jr., and the females are in calf to Prime Lad Jr., a son of the champion, Prime Lad, and there are calves at foot and cows in calf to Dale Wilton 2d and Henry Dale, grandsons of the champion, Dale. The bull included in the Waters consignment is Beau Monarch by Beau Donald 33d, a son of the great Beau Donald. He is two years old and has been used considerably in the Waters herd and is one of the best stock bulls that will go under the hammer this season. Mr. T. A. Reece, of Savannah, Mo., consigns a quartet of very handsome bulls, two of which, Admiral A. 206495 and Kenneth 218202, are both by imported bulls and are highly re-com-mended as herd headers. Two other splendid consignments from Savannah will also be found in those of Messrs. J. R. Owens and Warren Landers. Mr. H. J. Stinger, of Allen, Neb., is one of the largest consignors to the sale, being represented by both bulls and females, and including the blood of Cor-rector, Anxiety 3d, Lord Wilton and The Grove 3d. A full list of the consignors will be found in the advertisement on page 29 and the catalog will be sent upon applica-tion to Mr. W. C. McGavock, sale manager, Springfield, Ill.

#### GLENFOYLE SHORT-HORN SALE.

Short-horn breeders who have kept posted on the recent public sales of the past season will note the upward tendency of the mar-ket for this breed. There has been no time in recent years when the best cattle, both breeding and individually considered, have been in more demand than at present. In calling the attention of Homestead readers to the forthcoming sale of Glenfoyle Short-borns, the property of Mr. A. Chrystal, of Marshall, Mich., which will be held at Glen-foyle Farm on Wednesday, May 8th, we wish to emphasize the fact that the offering is one of the best of the year. Seventy-five head have been listed for this notable event, sixty-five of which are cows and heifers and ten bulls, including two of the herd bulls, Imp. Pennan Commander and Village Sultan, one of the best sons of Whitehall Sultan. In selecting the foundation stock for Glenfoyle herd, Mr. Chrystal purchased cattle of great scale and substance, combining smoothness and quality. The sale reports of past years show that many of the best lots fell to Mr. Chrystal's bid. The female offering of sixty-five head is without doubt the strongest ever sent into the sale ring from this noted herd. There are twenty-five cows with calves at side and a number of other cows are due to calve shortly after sale day. All cows of breeding age are safe in calf or have calves at foot. Mr. Chrystal realizes the fact that the discriminating breeder of today is after the top cattle. He is taking from his herd some of the most valuable cows which he owns and no one will be disappointed in the offering. They are sired by some of the most noted bulls in Scotland, Canada and the United States, and represent the most fashionable families of the breed. Mr. Chry-stal has always used the best bulls obtain-able at the head of his herd. Imp. Lovat-Champion, now at the head of the Flynn Farm Company's herd, at Des Moines, Iowa, was imported by Mr. Chrystal and used by him until a year ago, when he went to head one of the oldest and best herds of the country. A strong lot of heifers and some good bulls of the herd header sort are listed in the sale, the get of this noted bull. Imp. Beaufort Victor was another of the noted

TOO LATE TO CLASSIFY.

James Fisher,  
Eastman, Wisconsin.

BREEDER and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish.

Write for Prices and Catalog.

FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs AND BARRED PLYMOUTH ROCK CHICKENS. Good Individuals a Specialty.

Eggs from our excellent stock for sale at right prices. Hog sale in the fall.

Address C. E. McCOLLUGH, HUMESTON, IA.

POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, J. L. SLICK, LANARK, ILL. Twenty years a breeder.

BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. JESSE BINFORD & SONS, Albion, Iowa, or Liscomb, Iowa.

Registered Percheron Stallion

FOR SALE—Foaled March, 1904, weight 1,700; No. 4130, fine style and action, neat head, good quality. Price \$750. Address, W. C. Pollock, Arion, Iowa

TWO PERCHERON STALLIONS

BLACK U. S. 47895 (black) and Billy U. S. 47894, each three years old. Good ones with good and plenty of bone and are broken to harness. J. L. SLICK, LANARK, ILL.

Geo. P. Bellows AUCTIONEER.

Pedigreed Live Stock. MARYVILLE, MO.

RED POLLED BULLS AND HEIFERS FOR SALE

By H. N. Hanson R. 1., Box 7, Brayton, Ia.

hulls used by Mr. Chrystal. He was re-tained in the herd until his death. At the head of Glenfoyle herd Mr. Chrystal is using Imp. Bapton Magnet. He is one of the best sons of the noted Silver Plate, one of the greatest sires the breed has ever produced. Imp. Bapton Magnet is one of the richest-bred bulls on this continent, thirteen of his ancestors having been bred by Mr. A. Cruick-shank. Many of the females in the herd are bred to this noted bull. Others are bred to Imp. Pennan Commander and Village Sul-tan, bulls included in the offering. Further mention of these bulls will be made in later issues. The bull consignment is a truly notable one and should attract the attention of Short-horn breeders in search of herd bulls that are bred right and are of the show-yard type. This is without doubt the best offering of Short-horns ever made from Glenfoyle, and in all respects will be one of the very best offerings of the year, such as should appeal strongly to anyone in the mar-ket for the most desirable specimens of the breed. Over one-half of the entire offering is Scotch breeding, and the Scotch-topped cattle are most excellent specimens of the breed and have been good producers. The breeder or beginner who is in the market for good, well-bred Short-born cattle will find Glenfoyle sale one of the best opportu-nities of the year. More good cattle are con-signed to this sale than any sale for the year, and the opportunity should not be over-looked by Short-born breeders. Past sales at Glenfoyle have demonstrated the fact that the cattle have sold worth the money, and good values may be had on this occasion. In our next issue we will be pleased to give further details concerning this noted sale. Write for catalog as per the announcement on page 28 of this issue, kindly mentioning The Homestead, and plan to be present sale day.

#### J. J. CONSIDINE CO. ON HAY, ETC.

Receipts of timothy hay, although some-what smaller for the past few days, continue fully equal to the requirements of the trade, and prices are a little easier, especially for the lower grades. Choice holds its own at \$17.50 to \$18. We are of the opinion that we have seen the highest prices on hay for this season and that a month from now they will be still lower. Hence shippers who still have hay in their barns will do well to get it in now. Arrivals of prairie hay are still larger than the demand and prices lower.

Choice timothy is selling at \$17.50@18; No. 1 at \$15@16; No. 2 at \$14@14.50; No. 3 at \$12.50@13.50. Choice prairie at \$12@12.50; No. 1 at \$10@11; No. 2 at \$8.50@9; No. 3 at \$8@8.50; No. 4 at \$7@8. Straw—Rye straw, \$9@9.50; wheat at \$6.50@7; oat at \$7@7.50. Corn—No grade sold at 28½¢@35¢; No. 4 at 42¢@44¢; No. 4 yellow at 42¢@43¢; No. 3 at 44¢@45¢; No. 3 yellow at 44¢@45¢; No. 4 white at 44¢; No. 3 white at 44½¢@48¢. Oats—No. 4 sold at 40½¢; No. 4 white at 40¢@43½¢; No. 3 at 41¢; No. 3 white at 42½¢@44¢; standard at 44½¢@45½¢; No. 2 white at 45½¢.

SULTAN.

Red, calved September 8, 1904. Bred by Chas. C. Norton, Corning, Iowa.

DAMS. SIRE. BREEDERS.

Got by..... Imp. Bapton Admiral 157704..... J. Dean Willis

Scuvenlr, Vol. 44, p. 804..... Imp. Salamis 110075..... Wm. Duthie

Sunset..... Bonnie Seat 106590..... J. I. Davidson

Sensation..... Imp. Lord Cardinal (51552)..... A Cruickshank

Imp Songstress..... Stapleburst (47148)..... A Cruickshank

Spinster..... Roan Gauntlet (35284)..... A Cruickshank

Surname..... Pride of the Isles (35072)..... A Cruickshank

Surmise..... Champion of England (17526)..... A Cruickshank

Superb..... The Czar (20947)..... A Cruickshank

Splendor..... Lord Sackville (13249)..... A Cruickshank

Sultan is one of the most richly bred Cruickshank Secrets that has ever been offered for sale in this country. He is a grand individual and is a bull of decided show type. He is fit to go to the head of any herd in America.

Gloster's Favorite.

Red, little white; calved April 13, 1904. Bred by Chas. C. Norton, Corning Ia.

DAMS. SIRE. BREEDERS.

Got by Bapton Admiral 157704..... J. Dean Willis

Lady Gloster, vol. 43, p. 916..... Imp. Prince Bishop 6518705..... A Cruickshank

Norton's Duchess of Gloster 3d..... Imp. Salamis 110075..... Wm. Duthie

Canadian Duchess of Gloster 24th..... Imp. Duke of Lavender 51135..... A Cruickshank

Canadian Duchess of Gloster 15th..... Imp. Duke of Albany 4709..... A Cruickshank

Canadian Duchess of Gloster 12th..... Athelstane 7th 65067..... J. I. Davidson

17th Duchess of Gloster..... Red Duke 24325..... John Miller

Imp. 12th Duchess of Gloster..... Champion of England (17526)..... A Cruickshank

7th Duchess of Gloster..... Lord Raglan (18244)..... M. S. Stewart

2d Duchess of Gloster..... The Baron (13833)..... R. Chaloner

Gloster's Favorite, is a richly bred Duchess of Gloster hull; will weigh 2,100 pounds, is a grand good herd bull, and is an excellent breeder. Mr. Norton has used him and has some splendid calves by him now on the place.

The above two Cruickshank bulls are offered for sale by that eminent breeder, C. C. Norton, Corning, Iowa. These bulls are as good as has ever been offered for sale in this country and are good enough to head any herd in Europe or Ameri-ca. He also has a number of younger bulls, every one of which is a straight Scotch, and it will pay any breeder who wants a good herd bull to write him or go and see what he is offering for sale.



### Dispersion Sale of Mrs. C. S. Cross' Herefords.

On Wednesday, May 15th, at Fair Acres Farm, near Emporia, Kan., Mrs. C. S. Cross, of Emporia, Kan., will disperse her entire herd of Hereford cattle, a herd that under the management of Mrs. Cross has gained recognition as one of the leading herds of Kansas. That this is so is because Mrs. Cross knows full well the requirements of an animal for both breeding and show purposes and when founding her herd bought such stock as she knew from the performance of their ancestors and their ability to produce would breed on. Daughters of the great Albion, Wild Tom, Lord Saxon and Java were bought and from these Mrs. Cross has in seven or eight years grown a herd that today numbers seventy head or more. Mrs. Cross' love for a good animal is such that she has retained the very best heifers, developed them properly and retained them as breeding cows. The bulls from the Fair Acres herd have always brought good prices, those selling in the various Kansas City sales always bringing from \$200 to \$300. The best bulls obtainable have been used. Among these was Tranquility, Beau Real and last, but by no means least, is the present herd bull, Christy, that will be two years old in July. He was got by Keep On 2d and out of a Lord Saxon-Wild Tom cow. Some breeder wanting a great herd bull should look to him. There will be eighteen young bulls ranging from yearlings to two-year-olds in the sale, twenty-eight breeding cows, the balance being young heifers ranging from nine months to breeding age. It is only in dispersion sales that such good things as Mrs. Cross offers are found. The man wanting high-class breeding cows can do no better than here. There will also be show material found throughout the offering. Were it not for the hired help proposition Mrs. Cross would not part with this herd, as she is undoubtedly one of those who enjoys being among good cattle and likes to see that each year finds her herd producing better stock than on the previous year. It is when such breeders disperse that every man or woman who wants choice breeding stock should make arrangements to secure some of the fruits of that breeder's efforts. The young man who contemplates buying some foundation stock should also be on hand, as he will be taking advantage of the years that have been spent gathering together such a lot of useful breeding matrons as are found at Fair Acres. In succeeding issues more will be said of Mrs. Cross' Herefords. Those of our readers interested in good Herefords should write at once for a catalog. Kindly mention The Homestead when doing so.

### Splendid Scotch and Scotch-Topped Short-horns at Omaha, May 2d.

Numerous are the good ones in the McGavock Short-horn auction at South Omaha, May 2d. Mr. A. C. Huidekoper, of Meadville, Pa., is sending out twenty-one head from his high-class herd, one-third of which are Scotch and nearly all of which are sired by imported Scotch bulls, the most famous that has been brought to this country. Three bulls and eighteen females constitute the Huidekoper offering and chief among the bulls we would mention the straight Scotch statesman, a four-year-old that has been used in the herd. He was got by the celebrated bull, Avalanche, and was out of Imp. Sunflower 22d by Count Sunbeam. He is a red of grand scale, thickness, excellent lines and good finish of head and horn. Two Harding-bred show heifers, Anoka Fluff, a Scotch one of the Buchanan Lassie family and sired by a son of Whitehall Sultan, and Golden Garter by the Dustin-bred Baron of Springbrook, are attractive ones in any auction. Some six Scotch females, tracing to Imp. Louisa by Baron Kildale and of grand quality and general utility, are cataloged. They are sired by Imp. Avalanche, his son, Avalanche's Duke, and other good bulls. The females of the offering are in calf to Sidelight, a bull that cost Mr. Huidekoper \$1,000 when a yearling at one of the Harding auctions. He was got by Royal Wonder, a son of the great show bull, Justice, and was out of Imp. Lady in Waiting, the dam of the \$5,000 Ceremonious Archer. Imp. Master Archer and other prize winners. Mr. E. W. Cockrell, of Horace, Ind., consigns four bulls and eight cows and heifers sired by the Scotch bulls, Imp. Courier of Cluny, Imp. Palermo, Imp. Silver Victor and Valley Monarch. They are in calf to Lord Abbott 2d, a Cruickshank bull sired by Imp. Lord Abbott. A highly-bred Missie bull from an imported sire and dam is cataloged by Mr. H. G. Bowers, of Elmwood, Ill., and he is a herd header of the best type, character and breeding. The Duchess of Gloster bull, Roan Emperor by Imp. Emperor, is also consigned by Mr. Bowers, and both of these young bulls are very promising. These entries from the eastern side of the Mississippi are strongly reinforced by entries from Iowa and Nebraska, rendering this one of the most attractive Short-horn sales of the season. A full list of the consignors appears in the advertisement on page 29 and more particulars concerning other offerings will be given later. The catalog is now ready for distribution and will be mailed on application to Mr. W. C. McGavock, sale manager, Springfield, Ill.

### The Conner & Cockran Dispersion Sale.

A sale of good, useful Short-horn cattle that should attract all who are interested in this great breed is that to be held on April 30th, at Auburn, Neb., by Messrs. M. T. Conner and S. J. Cockran. It will be a complete dispersion sale, including two as good herd bulls as you will ever see in any two herds. Mr. M. T. Conner will consign twenty head, including twelve good cows, five of which will have calves at foot on sale day, and the balance are safe in calf to the great herd bull, Gloster Prince 231899, he by the great Prince Gloster, a massive red bull of the noted Duchess of Gloster family. His dam was Red Beauty, got by Earl of March, bred by Messrs. J. & W. B. Watt, belonging to their great prize-winning English Lady family. This we consider a richly-bred bull and should be sought for by some good breeder who is in need of a herd header. They will also sell the great cow, Sparswood Mary of London-

dale, a massive red cow by Velasco and tracing to Imp. Young Mary. Merry Flower is a fine three-year-old heifer by Merry Marshall, a Cruickshank Clipper bull by Imp. Merry Hampton, dam Flower Bell by Scottish King, a pure Cruickshank bull bred by Mr. A. Cruickshank. She will be sold safe in calf to Gloster Prince. Valeria, a great three-year-old by Robert, he by Rob Roy, tracing to the great Imp. Thistle Top. Her dam was Sparswood Mary of Londondale, tracing to Imp. Young Mary. There will be several young heifers and bulls in this offering, most of which are the get of his herd bull, Gloster Prince. Mr. S. J. Cockran will consign twenty head of Bates cattle, including his herd bull, Airdrie's Waterloo Duke 253512, he by Airdrie's Sharon Duke and having for his dam Water Girl 5th, tracing to Imp. Water Girl. Most of the younger stuff in this offering are sired by this great bull. The cows are mostly of Bates breeding and among them are some very choice individuals. Duchess of Wapsie is one of the good cows in this offering and was got by the great Wild Eyes Duke 196004. Her dam was 6th Duchess of Oaks, tracing to Imp. Duchess of Athol. The Bates Duchess tribe is the highest priced and most noted family of cattle on record. At the New York Mills sale September 10, 1873, fourteen head sold for an average of \$18,742 per head. Wapsie Wild Eyes was got by 2d Duke of Oaks, dam Wild Eyes 6th of St'd Plains, and traces to Imp. Wild Eyes Duchess. The Wild Eyes is one of the purest of the Bates families and the prices they have brought are second only to the Duchess and Oxford tribes. 6th Kirklevington of Wapsie is another of the good things to be offered. She was got by Harrington Prince. Her dam was Kirklevington 2d of St'd Plain, tracing to Imp. Kirklevington 11th. From the breeding already given in this field note you can form an idea of the class of cattle these gentlemen have been breeding. Address either of these men for a catalog and see just what they are selling. When writing please mention The Homestead.

### Gudgell & Simpson Sell Herefords on May 2d.

The offering of Herefords, consisting of twenty bulls and thirty heifers, to be made by Messrs. Gudgell & Simpson, of Independence, Mo., should bring out a good attendance. The sale will take place on Thursday, May 2d, in the fine stock pavilion at Kansas City, Mo. The bull end of the offering will be particularly strong, they being sons and grandsons of the great Beau Brummel, also a number by Paladin, one of the best sons of Lamplighter. Beau President, the son of Beau Brummel that was first-prize junior yearling at the World's Fair at St. Louis, will be represented in the sale by several sons that are of great promise. One of these, Beau Dominant, is out of a Lamplighter cow. He is just a year old and a desirable fellow fit to head some good herd. Another by the same sire and out of a Mill-tant dam will be found a fine prospect. His dam was a show heifer that was a winner in 1901. Her last calf, a year older, won second at the Royal and sold for \$500 at private treaty, going to the Big King ranch in Texas. Two sons of Fowler 8th are also listed. One of these, Bright Fowler, is out of Bright Countess, the dam of Bright Donald that won second as aged bull at the St. Louis World's Fair and is today one of the leading herd bulls in Messrs. Gudgell & Simpson's herd. Another by the same sire is Saturn. His dam, Sorosis 2d, was got by Beau Brummel and that she is a great producing cow was proven by her bull calf, Sagamore, that was the first-prize junior bull calf at the World's Fair, St. Louis. There are other as good bulls as these in the sale and from dams that are among the best producers in the Gudgell & Simpson herd. In the female section of the offering there will be found an excellent opportunity for selecting foundation stock or to get something choice to add to your herd. That the Gudgell & Simpson females do as well in the hands of others as do the bulls, was proven in the recent Nave sale, when Nutbrown 9th sold for \$1,975, she being of Gudgell & Simpson's breeding, her sire being a son of Lamplighter and her dam a granddaughter of Don Carlos. For this sale a number of Paladin heifers are listed. These Paladin heifers are making a great record for this bull. Others are by sons of Beau Brummel and all are bred to their leading herd bulls, such as Beau President, Bright Donald, Beau Donald 3d and other sons of Beau Brummel and Lamplighter. The entire offering is one of decided uniformity and all are of their own breeding, both the sires and dams having been bred by Messrs. Gudgell & Simpson. It is the intention of Messrs. Gudgell & Simpson to give the public an opportunity to get as good as they have produced and for this occasion they have selected carefully from their herd. Purchasers should improve the opportunity, as it is worth much to secure stock from such breeders. See page 29 for their advertisement and send for catalog.

Mr. F. F. Luther, of Grand Junction, Iowa, well known over this western country as one of the most competent live stock auctioneers, has just closed the most successful season of his life. Assisted by his son, Lloyd Luther, the two together have made 250 sales since September 1, 1906, to April 1, 1907. The senior member, Mr. F. F. Luther, has made 165 of these, covering seven western states, including Illinois, Indiana, Iowa, Minnesota, Missouri, Kansas and Nebraska. He has turned away sales from Ohio, Wisconsin, South Dakota, Oklahoma and other states, being unable to give these parties dates. He was the first man that ever sold a Duroc Jersey sow for \$300, was the first to sell a sow for \$1,500, and has the record of selling the highest-price Duroc Jersey gilt that has ever been sold, the same being a daughter of Savannah Belle, which brought \$2,000 in the S. R. Murphy sale a few months ago. As an authority on a Duroc Jersey pedigree he stands in the forefront, and the Iowa State Fair board of directors thought enough of his judgment to secure his services as a judge in 1905. He is an indomitable worker and is known as one of the most forcible auctioneers on the block. He is now booking dates for 1907-08, and will be pleased to hear from any of the boys who contemplate making a public sale.

## GREAT DISPERSION SALE OF SHORT-HORNS



..... To Be Sold At .....  
**AUBURN, NEBRASKA**



**APRIL 30, 1907**

**40 HEAD of Scotch and Bates Bred Cattle 40**

Included in this sale will be great herd bulls. Mr. M. T. Conner consigns 20 head of cows and heifers, most of them safe in calf or with calf at foot by his great bull, GLOSTER PRINCE 231899 by PRINCE GLOSTER, a red Scotch bull of Mr. Cruickshank's celebrated Duchess of Gloster family. Mr. S. J. Cockran will consign 20 head of Bates-bred cattle, including the great herd bull, AIRDRIE'S WATERLOO DUKE 253512, got by AIRDRIE'S SHARON DUKE, dam Water Girl, tracing to Imp. Water Girl. Four of these great cows will have calf at foot and the balance are all bred and safe in calf to AIRDRIE'S WATERLOO DUKE. This will be a great opportunity to buy good, useful Short-horns. They are from great milking strains and have great size and quality. Write these gentlemen for a catalog and then arrange to attend the sale, as it will be of interest to you.

**M. T. CONNOR, S. J. COCKRAN, PROPS.,**  
**AUBURN, NEBRASKA.**  
In Writing for Catalog Address Either of the Above Gentlemen.  
**COL. GEO. P. BELLOW, AUCTIONEER.**

..... COMBINATION SALE .....

## 80 - High-Class - 80

### - ABERDEEN - ANGUS CATTLE

— TO BE SOLD —

**Wednesday, May 1, 1907**

**At Union Stock Yard Pavilion, Chicago, Ill.**

**25 BULLS AND 55 COWS AND HEIFERS**

The grandest lot of high-class cattle ever sold in Chicago for years—cattle from the leading herds of the country, where money was no object in buying the best. All the most fashionable families represented, Blackbird, Erica, Pride, Queen Mother, Heather Bloom, Drumin Lucy and other popular families. There are many animals in this consignment with splendid show yard records; bulls fit to head any herd in America; bulls that will sire market toppers; cows with calves at foot, and many will calve soon after sale; cows that have sold heretofore for more than four figures; heifers for the showman who wants something to add credit to his herd. This lot of cattle has been carefully selected as to quality and breeding. The consignment will please the old breeder, the young breeder, the new beginner and the ranchman who wants a carload of top-notch bulls. Remember I do not sell anything but the best. Remember the time and place. We want all lovers of good cattle to be there on sale day. Send for catalog. Mention The Homestead.

**Aucts., Col. Silas Igo, Col. F. M. Read and Col. C. C. Plumley**

**M. A. JUDY, Sale Mgr.**  
**BEECHER, ILLINOIS.**



# GLENFOYLE SHORT-HORNS

AT AUCTION

MARSHALL, MICH., WEDNESDAY, MAY 8

75

SEVENTY-FIVE HEAD OF IMPORTED AND HOME-BRED SCOTCH  
and SCOTCH TOPPED SHORT-HORN CATTLE.

75

Representing the products of the most noted breeders of Scotland, Canada and the United States, and by sires that have demonstrated their worth in the show yards as well as in the breeding lot.

Sixty-five cows and heifers, twenty-five calves at foot and many of the cows will calve shortly after sale day.

Ten bulls, including two of my herd bulls, IMP. PENNAN COMMANDER 211984 and VILLAGE SULTAN 260235, one of the best sons of Whitehall Sultan.

This is undoubtedly the best offering of Short-horns ever made from Glenfoyle and in all respects will be one of the very best offerings of the year, such as should appeal strongly to anyone in the market for the most desirable specimens of the breed. Write for catalog, mentioning this paper.

COLS. WOODS, BELLOWS, JONES and COTTINGHAM, Aucts.

A. CHRYSTAL, Marshall, Mich.

## Last Call Bothwell's Clover Blossom Short-horn Dispersion.

On this page will be found the last announcement of the dispersion sale of the "Clover Blossom" herd of Short-horns owned by Mr. Geo. Bothwell, of Nettleton, Mo. It marks the distribution of a herd that, through its consistent winnings was made prominent over all America. It is also to be regretted that so young and so enthusiastic a breeder should drop from the ranks, as he had become noted as a cattle improver and a man who inspired confidence in the breed. We have in past issues called attention to the bulls and females that are to be scattered, and we sincerely hope to herds where they will be appreciated as they have at "Clover Blossom" Farm. In our final summing up, before the sale, we wish to say that the best breeders in the country will find stock here that is fit to enter any herd, add to and help improve same. The stock descends for generations through ancestors that have been known producers of stock that has done well in herds to which it has gone after leaving the "Clover Blossom" herd. During their day, every breeder was watching the performances of the lot of these two grand herd bulls, Grand Victor and Imp. Nonparell Victor, the bulls to which the present offering is indebted for so much of its individual excellence. Over fifty of the sixty lots to be sold will be found to have one of these bulls for sire or grandsire. Mr. Bothwell purchased several bulls to follow these bulls, but most satisfactory and the one bull to which he pinned his faith (and well he did so) is the bull, Golden Lavender, bred by himself and got by Grand Victor out of Imp. Sittytton Lavender 6th by Pride of the Morning. Golden Lavender should be appreciated for his individual excellence, his rich pedigree and most of all his ability as a sire of high-class stock. The man who buys him has little to fear, as he is a breeding bull absolutely sure and sells under such a guarantee. Mention has been made of the other bulls that go in the sale. Four are Cruickshank and Scotch, five are heavily Scotch topped and out of those great producing American-bred cows. There is herd bull material among these younger bulls that should please the most exacting. In the female end of the offering there is also found stock that has made money and reputation for Mr. Bothwell. The most ardent admirer of true Short-horn character will find in Mr. Bothwell's sale females that will please him. Their usefulness as producers will be fully demonstrated by their produce in the sale, both in animals of breeding ages, as well as the great number of calves that sell at foot. The men who want milking Short-horns will find them here, as Mr. Bothwell has been using a great many of these Short-horns in his dairy, milking them regularly and feeding the calves by hand on skim milk. The Cruickshank and Scotch sorts need no further mention more than to say that better are seldom found and only then where one or two are listed in some sale as an attraction. The famous Bothwell Rose of Sharon, Princess, Goodness and White Rose tribes have done their share to promote the Clover Blossom Short-horns. This is where Mr. Bothwell finds so many heavy milkers and it was from these tribes that a goodly number of his show cattle came. They have for generations been topped off with Scotch sires, and better producers are hard to find. Mention of a great many of these might be made, as they are individually good and are producers. They are not an old worn-out lot of cows, but on the contrary are mostly young and just coming to their most useful age. This is a consideration that should have much weight with the prospective buyer and he should also remember that it is only in dispersion sales that the seller lets go of all his good ones. Mr. Bothwell's catalog should be in the hands of everyone interested in Short-horns. He sells at Hamilton, Mo., on account of all trains on the C., B. & Q. stopping there. Hamilton is but a short distance northeast of Kansas City and directly east of St. Joe. See Mr. Bothwell's last announcement and if you have not already decided to attend the sale, do so now and arrange accordingly.

Attractive Aberdeen Angus at Auction, Omaha, May 3d.

The breeders making the Angus auction at Omaha, May 3d, constitute the most noted list of consignors that has recently been assembled for an auction, and we wish to place special stress upon the fact that they include more high-class show and highly-bred breeding bulls than has been seen in an auction in this country of the breed. The females also include some very noted ani-

## POLAND CHINA HOGS.

### Willowdale Herd.

Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,

Maynard - Iowa

WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

### 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Hannibalville, Illinois.

## POLAND CHINA BOARS

OF the big-boned growthy-skinned, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy dog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

mals. Mr. W. A. McHenry, of Denison, Iowa, who won both premier championships at the World's Fair at St. Louis, and whose herd has won more prizes at leading shows during the last twenty years than any other breeder in America, consigns seventeen head to this auction. They are of the blood from which he has produced his prize winners, and include the great breeding cow, Coquette McHenry 4th, the dam of the champion, Gensor, and other prize winners, and Mr. McHenry also catalogs a son and daughter of this cow, as well as a daughter of the sensational champion, Barbara McHenry 13th, one of the few animals that ever defeated the celebrated Short-horn, Ruberta. The great list of Blackbird, Trojan Erica, Pride and Barbara bulls cataloged by Mr. McHenry renders this auction prolific with herd headers. Mr. C. J. Ott, of Peoria, Ill., who bred and sold the highest-priced bull in the recent International Exposition sale at Chicago, and who bred and exhibited Exillo, whose carcass was awarded the grand championship of the last International, sells brothers and sisters to these celebrities. Mr. J. B. Withers, of Missouri City, Mo., who bred the first-prize bull calf at the last International Exposition, includes on this occasion bulls from the same blood and that are just as good at the same age as the prize winner of last year. Mr. Geo. Kitchen, Jr., of Gover, Mo., includes a young bull that was a prize winner last year and he is one of the best that will be out this season. Mr. R. S. Williams, of Liberty, Mo., who won the female championship at the McGavock show and sale at Kansas City in 1905, consigns a sister to this champion and a cow in calf to the sire of the champion. A full list of consignors will be found in the advertisement on page 27, and breeders should not miss the opportunity to inspect under one roof the product of these famous herds. No such chance will be presented to obtain a stock or show bull at public auction this season. The catalog will be mailed on application to Mr. W. C. McGavock, sale manager, Springfield, Ill.

## Fairview Stock Farm.

Mr. C. E. McCollough, proprietor of the Fairview Stock Farm, of Humeston, Iowa, has been steadily breeding and buying Short-horn cattle and Poland China hogs for the last twenty years, until now he has some extra good individuals of both classes in his herds. Until recently his herd of Short-horns was headed by Lad's Lavender (246650) sired by Merry Lad out of Lavender Blossom, tracing to Imp. Victoria. A son of this bull is still on the place and will be sold right. The cows of this herd are all Scotch topped and are good individuals. His Poland China herd contains some extra good cows, some of which he has paid good prices to secure. This herd contains some of as good blood as can be found in any herd; such as daughters of All Dude, five times winner of blue ribbon at the Iowa State Fair; Chief Tecumseh 2d, Chief Tecumseh 3d and others of equal breeding. They are all large boned and good and lengthy, just the kind for breeders. See advertisement under "Too late to classify."

## LAST CALL

DISPERSION OF THE CLOVER BLOSSOM

# SHORT-HORNS

AT HAMILTON, MO.,  
MONDAY, APRIL 22D

10 BULLS

Cruickshank

Scotch

Scotch Topped

See Golden Lavender.



50 Females

Cruickshank

Scotch

Scotch Topped

Some Imported

37 Cows sell with calves at foot or 37 are soon due to calve.

Imp. Nonparell Victor, sire of the champion, Nonparell of Clover Blossom; Grand Victor, sire of his dam; Imp. Wanderer's Last, and Golden Lavender are the principal sires represented. Among the Scotch sorts is Golden Lavender, one of the most satisfactory sires ever used at Clover Blossom. Imp. Ethel, Imp. Winifred 4th, Maid of Honor, Clover Blossom Wimple and Sweet Rose, all stock that I would not price were I not selling all. My Rose of Sharon, Goodness and White Rose tribes will be found good tribes from which to make selections. I am making an absolute dispersion and invite you to come and see the cattle. If they please you, buy. Your price is mine. Write for catalog, anyway, mentioning this paper.

GEO. BOTHWELL, - NETTLETON, MO.

Cols. Bellows and Graham, Auctioneers.  
Hamilton is on Main Line C. B. & Q.

## LAST CALL

## POLAND CHINA HOGS.

45

### POLAND CHINA BOARS

45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35077, R's Perfection 19012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, WM. RAY & SON, DEFIANCE, IOWA.

## 50 Poland China BRED SOWS.

Tried Sows, Fall and Spring Gilts

SAFE in pig for March, April and May farrow to the great boars, Prince Charming 93231, Chief Perfection 1st 48029 and Challenger 8125, great individuals and at the most popular price. Worth the money. If you are looking for a square deal, try me. Address,

J. L. SLICK, Route 3, Lanark, Ill.  
On C., M. & St. P. R. R., 120 miles west of Chicago.  
20 miles east of the river.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Mischief Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed. M. G. Arnold, Strawberry Point, Iowa

## ABERDEEN ANGUS CATTLE.

### 10 Aberdeen Angus

BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull. Frides, Queen Mothers, Heather Blooms, Rothermle Queens, etc. Address,

John E. Griffith,

WASHINGTON, IOWA.  
(Mention Homestead.)

ABERDEEN-ANGUS bulls for sale, of the fashionable families. Queen Mother, Erica and Drumin Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

When writing please mention this paper.



# OMAHA'S GREATEST AUCTION of the SEASON

**175** High Class Herefords, Short-horns and Aberdeen Angus

TO BE SOLD AT SOUTH OMAHA, NEB.,

Wed., Thurs. and Fri., May 1st, 2d and 3d, 1907

**65**  
**Short-horns**  
Thursday,  
May 2d

From the herds of A. C. Huidekoper, Meadville, Pa.; H. Smith & Sons, Tobias, Neb.; Fremont Watts & Son, North Platte, Neb.; Robert Volker, Johnson, Neb.; E. W. Cockrell, Horace, Ind.; O. E. Osborn, Weston, Iowa; Geo. H. Mahr, Corning, Iowa; H. G. Bowers, Elmwood, Ill., and Geo. C. Hebron, Strawberry Point, Iowa. There are included straight Scotch herd heading bulls and very desirable Scotch and Scotch topped females, rendering it one of the most attractive Short-horn sales of the season.

**60**  
**Herefords,**  
Wednesday,  
May 1st.

From the herds of S. R. Waters, Poplar Bluff, Mo.; J. R. Owens, Savannah, Mo.; T. A. Reece, Savannah, Mo.; Warren Landers, Savannah, Mo.; H. J. Stinger, Allen, Neb.; G. J. Greenwell, Shelby, Mo.; Ernest Draheim, Emerson, Iowa, and Andrew Tonning, Newman Grove, Neb. There are show bulls, herd headers, bulls for the ranchman and farmer, and high-class females for the best breeders as well as beginners in the business.

**50**  
**Aberdeen Angus**  
Friday,  
May 3d

From the herds of America's Leading Breeders and Exhibitors. Their owners are W. A. McHenry, Denison, Iowa; C. J. Off, Peoria, Ill.; Geo. Kitchen, Jr., Gower, Mo.; J. B. Withers, Missouri City, Mo.; R. S. Williams, Liberty, Mo.; Marion C. Stone, Milan, Mo.; T. E. Morris, Stanberry, Mo., and W. H. Baldwin, Delavan, Ill. There are more high-class herd heading and show bulls, than I have ever cataloged for an Angus auction, including 6 Blackbirds, 7 Prides, 3 Queen Mothers, a Trojan-Erica, and several Drumm Lucys, Westertown Roses and other fashionable families, quite a number of which were winners at last year's shows. The females are also good and highly bred.

**Auctioneers**

Col. F. M. WOODS,  
Col. GEO. P. BELLOWES,  
Col. T. F. WATTS.

Remember the dates on which the different breeds sell, and for separate catalog of each breed, address,

**W. C. McGAVOCK,** Sale Manager,  
Springfield, Ill.

## ABERDEEN ANGUS CATTLE.

### Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericks, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jun and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

### WHEATLEY AND WARD'S —ANGUS CATTLE— Bulls For Sale

NOT by Maplehurst Proteros 47351, Hale Lad 2d 42497 and Gardner's Pearl Rosegay 52637 and out of Queen Mother, Pride, Erica, Heather Bell, Easter Talloch and other families of cows. Write us.

WHEATLEY & WARD,  
King City, Missouri

### Paradise Stock Farm's ANGUS BULLS

PRIDE'S Allison 5th, 53114, my double Pride herd bull is offered as I retain so many of his heifers. Also a number of young bulls, several by him. Would also price females right. Write me.

W. F. Eckles, - Green City, Mo.

PLEASANT HILL ANGUS.  
SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.  
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## POLLED DURHAM CATTLE.

### DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Sire Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAVER & DEUKER,  
Kalona and Wellman, Iowa.

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Breeds POLLED DURHAMS.  
STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

Double Standard Polled Durhams.  
FOR SALE—Two extra fine coming two-year-old heifers, unbred. Good colors and choice breeding. Have rented my farm and must sell. \$50.00 each if taken at once. Address,  
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## CHESTER WHITE HOGS.

### EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

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### MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall hogs by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.

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### Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS, R. F. D. 6 GENESEO, ILLINOIS.

**O. I. C.** STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

**Chester White Spring Pigs All Sold.**  
GILTS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's crop.  
MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

IMPROVED CHESTER WHITE SWINE.  
AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 15223, a grandson of Laverne King 12757, heads the herd. Address,  
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Iowa Herd Chester White Swine  
SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.  
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SURED by such noted boars as Pioneer, Neponset, set Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling hogs in good condition. Write or call.

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A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

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In Sale Pavilion  
Kansas City, Mo., Thursday, May 2

20 Bulls  
yearlings  
by sons of  
BEAU  
BRUMMEL  
and PALADIN  
a son of  
LAMP-  
LIGHTER



30 -  
Heifers  
two year-  
olds bred.  
Six by  
PALADIN  
others by  
sons of BEAU  
BRUMMEL.

### MODERN TYPE ANXIETY 4th STRAIN.

There is herd header and show material among the bulls. Several having been retained for this sale. The heifers are a desirable lot, just coming a useful age, and all are bred. Several to Bright Donald, 2d prize aged bull at the St. Louis World's Fair. Others bred to Beau President, Beau Donald 3d, and other of our herd bulls. Send today for catalog, mentioning The Homestead, address,

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### JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

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Berkshires.

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Fair prize winning boars.

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1907 Crop of Berkshires  
at Chapel Hill.

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address,  
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I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,  
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Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Kever, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. I.

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P. C. HENDERSON & SONS, Owners, Central City, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

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80 HEAD in herd. Irwin 8253, an International prize winner in 1903 and 1st and sweepstakes at Iowa and Neb. state fairs in 1904, is at head of herd. Choice bred bulls, also some heifers and cows for sale at zero prices. Come and see or write, G. W. Coleman, Webster City, Iowa. Route No. 3. Phone 1203.

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I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.  
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EXTRA GOOD. RECORDED.  
Will price cheap for quick sale.

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FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Fall boars by Proud Advance and Teddy R. Few sows bred to Ohio Chief 11 for summer farrow. Write or visit.

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BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher Agulu. Price reasonable.  
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SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.  
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10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Alix and Redwood Chief.  
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OF BOTH SEXES at reasonable prices. Address  
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CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

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Jack Farm

BOWLING GREEN, MISSOURI,  
OFFERS

75 Great big Mammoth Black JACKS 75

25 JENNETS 25  
Some With Jack Colts

I will not make a Public Sale, but will sell at bargain prices. The Jacks range from 14½ to 16 hands high. Come and see them. You will be met at the station if you notify me of your intended visit. \* \* \*

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GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.  
John Henry, Fairfax, Iowa, at the Fair Grounds.

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15 OCTOBER DUROC BOARS 15

Sired by CARLINVILLE CHIEF, by CHIEF OF OHIO, (litter mate to OHIO CHIEF) out of sows by KANT BE BEAT, JAY'S ONWARD (litter mate to GOLD CLOUD champion Illinois State Fair 1904), CLEMONSON CHIEF and others of equal note. One April boar by PROUD ADVANCE. One July boar by Kruger 11 by Kruger.

Prices Range From \$20.00 to \$40.00.

Write if you mean business.

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HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address,  
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WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and littered all but one. We breed the winners. Stock of all ages for sale. Write or come  
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BUDDY K. IV HIGHEST PRICED DUROC BOAR  
...EVER SOLD AT AUCTION...

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.  
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Owned by S. E. MORTON & CO., CAMDEN, OHIO:  
We are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address,  
FAGAN, BROWNING & McCABE, HERSMAN, ILL.

CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.  
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WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd.

J. D. NIDLINGER, DECATUR, INDIANA.

DUROC JERSEY HOGS.

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WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

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CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,  
H. S. ALLEN, RUSSELL, IA  
On main line C. R. I. & Q. R. R.

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(F) recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, phone, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

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25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.  
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Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.  
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GREENDALE HERD DUROC JERSEYS.

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.  
F. H. HERRING, Kaloun, Iowa  
Shipping point Iowa City.

Duroc Jersey Bred Sows for Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. Geo. L. Reed, Sumner, Nebraska.

Havelock Herd Duroc Jerseys

Nothing now for sale.  
Best of blood represented.  
E. K. YOUNG & SON, Havelock, Neb.

Duroc

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Sweep, 1st Chief 1 Am, Cloudland Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

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WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

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150 SPRING pigs by Major Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.  
FRED KRASCHER & SON, MACON, ILL.

FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.  
H. B. GRIFFITHS, Bowen, Ill.

PROUD ADVANCE DUROC BOARS.

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us.  
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THE home of the winners. 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

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HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

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youngsters to date from 14 sows and more coming. Bred by Jack Orion and Ind. Chief 5273. Booking orders for spring pigs, and they are DUROCS. J. W. Briggs, Alden, Iowa.

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GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Birchard, Neb.

SPRING boars sired by fancy Crimson Wonder.

S Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

MIDLAND Duroc stock all sold but when in need of stock write me at Mason City Iowa J. B. B.



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Write for dates, mentioning The Homestead.

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Large, Improved English Yorkshire Swine.  
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I HAVE the best imported  
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in America. Have made five  
importations, Oak Lodge  
Minstrel 8th 1855 and 6.  
L. Fusilier 6443, two im-  
ported boars and Linaver  
Emperor 7038 at head of  
herd. Stock for sale at all times. Can furnish stock  
not akin. Now booking orders. Write us at once.

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**WILLOW GROVE  
HEREFORDS**

COLUMBUS 25th 100912, the great-  
est living son of old Columbus,  
at head of herd. The blood of An-  
xiety 4th, The Grove 8th, Hesiod and  
other great bulls predominates in  
my herd. Young stock for sale at  
all times. Write me and tell me  
what you want. Address, J. G. Von Seggern, R. D.  
No. 2, Winner, Nehalem.

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TWENTY BULLS from one to three years old,  
Ten heifers two years old. 25% discount for  
30 days. Now get busy. Address,  
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**Breezy Park Herefords**

Young bulls of serviceable age, from 15 to 30  
months, sired by Lord Southington, son of  
Southington (Imp.). Write me.  
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I WILL sell 25 head of registered Hereford cows  
and heifers and two herd bulls. One of them is  
an imported bull. All good stuff, and will be priced  
right to a quick buyer. Write me.  
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**40 Choice Hereford Bulls  
40 Choice Bred Heifers**

RANGING in age from twelve months to two  
years. All sired by prize-winners.  
EDMONDS, SHADE & CO., Kingsley, Iowa

**MAPLE LAWN HEREFORDS**

FOR sale, (Imp.) 1st Imp 145736, and also choice  
young bulls, ranging from 11 to 24 months old,  
well bred, and good individuals.  
A. F. HAGER, AVON, IOWA.

HEREFORD CATTLE.



**8 Young Bulls for Sale**  
from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers  
for sale. Popular prices for high-class  
stock. Address  
**G. W. WAY & SON,**  
New Sharon, - - - Iowa  
Call at Way's Hardware Store for free conveyance  
to the farm.

**BEAU DONALD HEREFORDS**  
Write your wants. Picture of herd bull for the asking.  
One-half mile from town on the main line of Chicago & North-Western Railroad.  
**John Secor, - Mechanicsville, Iowa**

**TWENTY-FIVE - TWENTY-FIVE**  
**Beau Donald Bulls** Sired by the great Beau Donald 12th 90957, one of the greatest  
Hereford bulls in America, and out of Wild Tom, Stone Mason,  
Cudillac, Archibald and Healed cows. Also have a few good bulls sired by Beau Brighton  
and out of Beau Donald dams. They are yearlings and two year-olds and are good strong  
fellows and some good herd headers in the bunch. Come and see them or write us at once.  
**A. SPOONER, - MONDAMIN, IA.**

SHORT-HORN CATTLE.

**SPRING BULL BARGAINS**  
7 SCOTCH AND SCOTCH-TOPPED Short-horn bulls for sale at modest prices, any of which would  
make a valuable herd header for anyone engaged in the cattle business. Some are by Golfman, some  
by Melba's Victor, one by Viola's Prince. Among the Scotch bulls is one red show bull, 14 months old, by  
Golfman and out of Melba 2d. Will sell them singly or as a bunch at prices that you can afford. Address,  
**A. L. STUTZMAN, IOWA**  
NEW SHARON, Mentioning The Homestead.

**9 Cruickshank  
Short-horn Bulls**  
For Sale  
**S. H. THOMPSON'S SONS,**  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank  
red bulls from 13 to 24 months old, two Victorias,  
one Miss Ramsden, one Princess Royal, one Mysie,  
one Violet, one Lavender and two Beauties. One  
of the Beauties is a bull that we have been us-  
ing at the head of the herd. These are all very  
low, thick, heavy-quartered bulls. A number of  
herd headers among them. Their breeding cannot  
be excelled, and our prices are below competition  
for bulls of this character. Telephone from Iowa  
City to the farm. Mention The Homestead when  
writing.

**Bulls For Sale**  
THE Iowa State College is offering for sale one  
good Short-horn herd bull coming three years old;  
five Short-horn bulls coming one year old; three  
yearling Red Polled bulls and one Holstein coming  
one year old. All of good breeding, good individuals  
and at reasonable prices. Address,  
Iowa State College, Division of Agriculture,  
AMES, - IOWA.

**JONES COUNTY HERD OF  
SHORT-HORN CATTLE.**  
HERD BULLS, Sittytton Fort 173649 and Wampum  
of Wayside 243046. We have one red roan bull,  
two years old, for sale. He will make a good bull for  
some one. Write for prices and descriptions.  
SHORT-HORN SALE OCT. 2, 1907.  
TYRRELL & SONS, Props.,  
Oxford Junction, - Iowa

**Wayside Short-horns**  
100 HEAD in herd. Will make attractive prices  
on some cows and heifers bred to Money  
Musk and Hopeful Knight. Bulls for sale at all times.  
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**WILLIAM REED**  
PLEASANTVILLE, IOWA.  
BREEDER of Short-horn cattle. 175 head in herd.  
B Wish to sell 50 head quick. Farmer's prices.  
Come or write.

**FAIRVIEW SHORT-HORNS**  
I HAVE a few red finely bred Scotch Short-horn  
bulls, one to two years old, for sale. Address,  
**M. D. YARD, Crawfordsville, Iowa**

**Willow Grove Short-horns & Poland Chinas**  
CLEAR The Way 231482, winner 1st in 2-yr-old class  
and 1st as Ia. Cham., Ia. State fair, '06 head of herd.  
Herd boars Defender 98447, by Corrector 63379, one  
of the greatest sires known to the breed, and Billy  
Sunday 33621, a very large boned hog of equal merit.  
Young stock for sale. J. T. Judge, Carroll, Iowa.

**G. H. George, Monticello, Ia., breeder of Scotch**  
Short-horn cattle and Standard Bred trotting  
horses. The Scotch herd and show bull Kingmaster  
is for sale. Also 4 younger bulls, fit to head any  
herd. Scotch Consul 181231 heads my herd. Five  
daughters of Imp. Red Knight, 5 Victorias, 2 Imp.  
cows and other Scotch and Cruickshank families.

**BACH GROVE STOCK FARM.**  
F. M. ZENOR, WOOLSTOCK, IOWA  
Breeder of Short-Horn Cattle.  
Families represented: Princess Royal, Duchess of  
Gloster, Mysie, Roan Bess, Lavender, Orange Lass,  
Nellie Bly's and Pure Bates Cattle. Phone No. 804.  
SCOTCH SHORT-HORNS. For sale, four good  
Scotch bulls. Jordan & Dunn, Central City, Ia.  
Malne Valley Stock Farm.

SHORT-HORN CATTLE.

**NOVINGER & SONS'**  
**SHORT - HORNS**

WE are now offering a fine string of young bulls,  
several of which are pure Scotch of the most  
reliable families. Herd headers here: Lavender Vis-  
count 2d, a son of the champion, Lavender Vis-  
count, is the principal sire. Write us if wanting  
something choice and at a reasonable price.  
**ISAAC A. NOVINGER & SONS,**  
Kirksville, - Missouri.

**CATALOG**  
**Of Young Bulls For Sale**  
Is Now Ready.  
ALL good individuals, combining milk and beef  
strains, with good Short-Horn pedigrees. Ad-  
dress,  
**FLYNN FARM COMPANY,**  
Room 316 Flynn Building,  
Des Moines, - Iowa

**SCOTCH BULLS  
FOR SALE**  
I AM offering two splendid young Victoria bulls  
for sale sired by Golden Champion 138590,  
also an Acanthus and a Miss Ramsden. I have a  
few good Scotch topped bulls that I am pricing  
right. Write or come and see me.  
**E. FUNKE, GREENFIELD, IOWA.**

**Cruickshank Bulls**  
WE have thirty Short-horn bulls for sale. One  
Lavender, two Mysies, four Brawith Buds, five  
Victorias, five Dukes of Glosters, four Secrets and  
others of best Scotch blood. All reds; low down,  
heavy fellows, ready for service.  
**I. BARR & SON,**  
Davenport, - Iowa.

**SCOTCH BULLS**  
Got by  
IMP. MUTINEER 172547.  
MUTINEER is of Marr's Missile tribe and was got  
by Bapton Chief and out of Imp. Missile, 167th  
dam of White Hall Marshall. They are fine in-  
dividuals, good colors. I will also price right a few  
females bred to or got by Mutineer. Write your  
wants.  
**A. C. BERRY, Unionville, Mo.**

**Scotch and Scotch-Topped  
HEIFERS FOR SALE**  
A very reasonable prices to move them at once.  
These heifers are from best cows in herd. Imp.  
Itou Archer heads herd. Write for private cat-  
alog.  
**W. H. SCHAFER,**  
KEANSBURG, - ILL.

**SHORT-HORN HERD HEADERS**  
Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.  
WE have a few strictly choice straight Scotch  
Short-horn bulls now ready for service, sired  
by Young Commodore, conceded to be the best  
Short-horn bull in Iowa. The best Short-horn bull  
that we have ever raised is now on our farm and  
is open for inspection. Come and see the herd.  
Mention The Homestead when writing.

**HUGHESDALE**  
REAL DUAL SHORT-HORNS  
PURPOSE  
HOME of Rowena 2d, champion dual purpose cow  
at St. Louis World's Fair and other equally  
heavy milkers. Her yearling son and other bulls  
for sale. Viscount of Anoka, champion show and  
breeding bull of America for 3 years heads herd.  
Write me. H. J. Hughes, - Trenton, Mo.

**SHORT-HORN BULLS AND HEIFERS**  
FOR SALE: Also 3 D. S. Polled Durham Bulls,  
ready for service. Cows with calves at foot.  
One good Poland China Boar 11 months old. Prices  
such as will sell stock. P. S. & S. Barr,  
Box 11, R. 4, Davenport, Ia.

**PLAIN VIEW STOCK FARM.**  
SHORT-HORN CATTLE AND DUROC JERSEY  
HOGS. Twelve red Short-horn bulls for sale.  
Geo. A. Hans, proprietor, Newton, Iowa. Farm two  
and one-half miles north-east of town. Phone  
connection.

HORSES.

**FOR SALE OR TRADE.**  
A GOOD young black Jack, coming three, and a  
big, home-bred stallion; will weigh 1,800 lbs., a  
worker and sound, coming five years old.  
Buy from the breeder, not the dealer.  
**BERT FRY, - PLAINFIELD, IOWA**

**SHIRES, PERCHERONS, BELGIANS**—Im-  
ported horses, \$1,000; home-bred stallions, \$250 to  
\$750; also Shire mares. A. LATIMER WILSON,  
successor to L. Buiks Wilson, CRISTON, IOWA.

**HORSES.** Best Home-Bred Registered Perch-  
eron and English Shire stallions at \$250 to \$500 at my  
stable doors. W. H. Schnelle, Lemonsville, Mo.

FOUR sale, 4-year-old registered Shire stallion, right  
in every way, good bone, weight between 19 and  
20 hundred. W. S. Spear, Stanwood, Iowa.

IMPORTED Shire, Belgian and Percheron stal-  
lions, \$1,000. Home bred draft stallions, \$250 to  
\$300. Hart Bros., Osceola, Iowa.

**ARDMORE SHORT-HORNS.**  
10 Scotch and Scotch-  
Topped Bulls For Sale 10  
Sired by Imp. Scottish Pride 128543 and Imp.  
S Lord Mount Stephen 208904. Good quality from  
prize-winning stock, and priced right. Also a few  
good cows and heifers in calf to the herd bulls for  
sale. Address,  
**ARDMORE STOCK CO., Iowa**  
Holstein.

**WILDWOOD SHORT-HORNS**  
ALL REDS AND DEHORNED.  
15 SMOOTH, low down, thick-meated Scotch and  
Scotch-topped bulls from 10 to 20 months old,  
and females of all ages for sale at reasonable prices.  
Write,  
**W. W. VAUGHN, Marion, Iowa**

**SCOTCH TOPPED SHORT-HORNS**  
FOR SALE—Six good bulls from 6 to 18 months  
old. Poland China Hogs.  
**Jas. E. Stephenson, Alburnett, Iowa**  
Otter Creek Stock Farm.

**CHOICE SHORT-HORN CATTLE  
FOR SALE.**  
I HAVE for sale both bulls and heifers, some  
choice Short-horns, sired by Scottish Baron.  
Address, J. H. MOYER, - Newton, Iowa

**BEAVER CREEK SHORT-HORNS.**  
SCOTCH BULLS for sale. I am offering as fine a  
bunch of Scotch bulls as I have ever raised.  
They vary in age from a few months to two years.  
A catalog giving the pedigree of each bull will be  
furnished upon application. Address,  
**N. A. LIND, Rolfe, Iowa**

**4 SCOTCH BULLS**  
Three straight Cruickshank.  
These are bred in the purple and are good  
enough to head any herd. Come and see them.  
**C. W. DAWES & SON, Harlan, Iowa**

**SHORT-HORN BULLS—POLAND CHINA  
SOWS—EGGS**—Two young red Scotch Topped  
bulls ready for service, also three heifers. Sows bred  
to Hustle On, Perf. Spellbinder and an Impudence  
boar for April and May farrow. Eggs \$1 per sitting  
from S. L. Wyandottes and S. C. B. Leghorns. Write  
or visit. Fred Elendorf, Strawberry Point, Iowa.

**QUEEN MILLS HERD SHORT-HORNS.**  
HAMPTON'S COUNSELOR 264533.  
ONE of the greatest sons of Hampton's Best at  
head of herd. The leading Scotch and Scotch-  
topped families in herd. Address,  
**G. H. WHITE, - EMERSON, IOWA**

**HERD BULLS.**  
**3 Scotch Herd Bulls 3**  
AT MALAKA FARM.  
Two Reds, One Roan. Rare Bargains.  
**H. D. PARSONS, - NEWTON or BAXTER, IOWA**



HORSES.



## TAYLOR & JONES'

### New Importation

#### ARRIVED MARCH 9TH.

Our barns are now filled with imported and home-bred PERCHERON, SHIRE and BELGIAN STALLIONS. Don't you know that PUBLIC SALES of stallions only indicate a cheap lot of trash, or that the sellers are men who CAN'T DO A BARN BUSINESS? Did you ever know a merchant to sell groceries at auction? Would you buy a gold watch at auction? We use no slick salesmen to sell our horses. They are good enough and our reputation so clean that we are selling more horses than ever before, which proves our prices are the lowest, our horses the best and our manner of doing business is satisfactory to our patrons. For catalog address,

## TAYLOR & JONES,

BOX 68,

WILLIAMSVILLE,

ILLINOIS.

PUBLIC SALE OF SHORT-HORNS, JUNE 4, 1907.

### OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plans laid by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individuality given each one of our animals places them in a class by themselves. In our breeding studies, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percheron and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Landshaftant O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best of the old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

OLTMANN'S BROS., Leer, Germany, Ft. Worth, Texas, Watseka, Illinois.

## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27233, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and L. D. 12610 now at head of the stud. Prices below competition. Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

W. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., iron gray, one of the best horses in the west; four years old; measurement: girth 7 ft., 11 inches; 17½ hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address, J. S. GOLDER, SCRIBNER, NEB.



### SAFETY IMPREGNATING OUTFIT

Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular. I. O. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

FOR SALE—FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES. IMPORTED and native-bred, ranging in age from 1 to 6 years old and weighing from 2,100 lbs. to 2,300 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered. C. T. Gollehou, Blair, Neb.

### PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me. G. C. HARRISON, Blencoe, Iowa.

## FOR SALE. Percheron, Clyde Stallions and Mares

At prices all can buy.

Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired.

Address, A. H. BRETT,

Mason City, Iowa

### H. LEFERURE'S

BELGIANS,

BELGIAN STALLIONS

with required weight and

quality. On hand March

27, '07. Also 1 ton black

Percheron, heavy boned,

age 8, imp. Nov. '06. Eight

miles west of Cedar Rapids,

near electric railway, also

C. &amp; N. W. and C. M. &amp; St.

P. railways. Henry Lefer-

bure, Fairfax, Linn Co., Ia.



Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention the Homestead. Address, Champlin Bros., Clinton, Iowa

HORSES.

# FRANK IAMS'

has opened FOR SALE a "new barn" full of his "PEACHES AND CREAM" Percheron and Belgian stallions, (NOT SEEN BY BUYERS BEFORE.) They are his "FAMOUS PRIZE WINNERS" that you ALL saw at the Ills., Iowa and Neb., 1906, state fairs and his "TOP NOTCHERS" bought for the "1907 HORSE SHOWS." "Shy Ann, get into 'IAMS' BAND WAGON," all RAILROADS lead to ST. PAUL, NEB., (at 2 cents a mile.) Have a look and you will buy one of IAMS.

## 40 Percheron and Belgian Show Stallions 40



Among them are the FIRST PRIZE and SWEEPSTAKES PERCHERON and BELGIAN at 1906 Neb. state fair. The SECOND PRIZE WINNING four-year-old black Percheron stallion at 1906 Ills. STATE FAIR. The "HIGH FIVE" coming four-year-old Percheron stallions that won the "LION'S SHARE" of prizes at Ill., Iowa and Neb., 1906 state fairs. The first prize winning coming three-year-old black Percheron, wt. now 2080 lbs., and many others. IAMS' "1907 SHOW STALLIONS" are the "BEST EVER" WINNERS and SONS OF WINNERS in FRANCE and BELGIUM. They are three to

six years old, wt. 1,800 to 2,500 lbs. Ninety per cent blacks. Seventy-five per cent TON HORSES. All IMPORTED and STAMPED. DAD—Iams' stallions are SO GOOD they need not be "peddled" or put on the "auction block" to be sold, to get your cash business QUICK. IAMS will sell you CHOICE of ALL his stallions at from

**\$1,000 — TO — \$1,500**

(BAR TWO). All his stallions must be sold. His selling clothes fit ALL buyers. No man with money or bankable notes gets away from Iams. He buys, owns and sells more stallions than any man in U. S.; saves THOUSANDS OF DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.

**\$1,000 — SAVED AT IAMS — \$1,000**

Key, what a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS." His establishment is worth going 2,000 miles to see. He is knocking "high prices" out of the "Xmas tree." Iams "butts in" sells more stallions each year. George, dear! buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear the diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to Stock Companies for \$2,500 to \$5,000 by SLICK SALESMEN or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee.

REFERENCES: St. Paul State Bank and Citizens National Bank.

## ST. PAUL, - NEBRASKA

## TRUMAN'S' CHAMPION STUD

**36 HEAD OF SHIRE and HACKNEY STALLIONS and MARES ARRIVED**  
Per S. S. Minnetonka, APRIL 3rd.

Together with those already on hand make upwards of 70 HEAD to select from. All the Big Flash "TRUMAN KIND." Don't buy until you see this

## WONDERFUL SHIPMENT

pronounced by all the leading English breeders as being J. H. Truman's greatest effort on behalf of the Bushnell Great Stud.

Catalog on application.

We invite inspection and Defy Competition.

## TRUMANS' PIONEER STUD FARM

BUSHNELL, - - - - ILLINOIS

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 21 and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 2d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



### PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several much teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Minnadam & Wheeler, Fairfield, Iowa

When writing please mention this paper.

### FOR SALE AT A BARGAIN

KING WILLIAM 12782. Registered French Draft Stallion. Foaled June 1899, weight 1,800; also a shire stallion 4 years old, weight 1,700. W. A. JOHNSTON, Prairie City, Iowa

When writing please mention this paper.





VOL. LII. NO. 17.

DES MOINES, IOWA, APRIL 25, 1907.

WHOLE NO. 2597

## FALSE ALARMS IN THE COMMERCIAL WORLD.

Much amusement was caused by the utter failure of Wall street, a few weeks ago, to scare the public by its own real or pretended panic respecting the financial situation. The bulls and bears of the stock exchange have always taken themselves very seriously; and, up to five or six years ago, the country took the same view of the subject, and looked for trouble whenever Wall street saw or pretended to see clouds above the financial horizon. The first exception to this rule came several years ago at the time of the Northern Pacific flurry in stocks. The speculators of New York at that time discerned in the attitude of the government toward the Northern Securities Company a threat against the prosperity of the country, and worked themselves up into a frenzy because of it. By all the old rules, the business of the country should have experienced in consequence of that semi-panic a severe and protracted depression. Instead of causing such a disturbance, however, the Wall street crisis had remedial effects. It caused just enough liquidation in speculative circles and released just enough of the unsubstantial elements of industrial expansion and inflation to restore normal conditions, promote caution among investors and prevent disaster. Five or six years of the best times the United States ever experienced have resulted.

To all appearances, the recent Wall street flurry, instead of producing a general scare, will be equally beneficial. Certainly the country paid not the slightest heed to the frantic shouts of the speculators, but went cheerfully and confidently ahead with its business, relying upon the vast and constantly growing material and financial resources of the West and the enormous output of gold to maintain prosperity.

The grounds upon which the more recent attempt to create a financial crisis were chiefly based were related principally to the efforts of the national and state governments to regulate and control the railways. It has been claimed

and the railways have suffered severe losses from this cause, and anything tending to prevent the railways from borrowing money on their bonds or from selling stock to raise money to purchase rolling stock would have a serious effect upon all the material interests of the country. Indeed, anything tending to produce unfriendly feelings between the transportation companies and the general public would be disastrous to both, temporarily if not permanently.

Upon examination of the facts of the situation, however, it is apparent that these warnings are put forth largely for the purpose of preventing legislation and have little or no actual foundation. It is probable that putting some good sharp teeth into the interstate commerce law so as to make it effective against rebates, special rates and discriminations will not diminish, but actually increase railroad earnings. The two-cent fare laws may slightly reduce receipts from passenger traffic for a time; but, unless lower rates result differently in this matter than they have when freight rates have been reduced, there is every probability that very soon passenger traffic will be bringing more revenues than ever. The prohibition of free passes to officials and others will certainly increase railway earnings. The exposure of dishonest manipulations of railway stocks and bonds will have a tendency to compel railway officials to invest the proceeds of stock and bond sales in new equipment instead of appropriating the money to their personal use, as they appear to have done in some cases.

In fact, too, the railways are purchasing new cars and new rails for sidings and double tracks about as fast as the car shops and steel mills can turn them out. The United States Steel Corporation booked during March orders for about 8,000 tons a day in excess of March, 1906. This does not look like stagnation or depression. It looks like a demonstration that there is no more substance to these cries of alarm than there has been on like occasions in the past; and that agriculture, manufactures and

commerce are all in so healthy a state that the false alarms of the stock market are powerless to injure them.

## LENGTH OF HOURS ON THE FARM.

The following communication has been received from a Kansas subscriber:

Last year you had a good deal of advice to give relating to the length of days that the average man should put in on the farm. In a general way it may be said that your paper, if I remember correctly, stands for the comparatively short day. At first, I thought you were entirely off, but am really coming around to your way of thinking. Of course, we must all concede that during the spring, summer and fall, farmers must be up by 5 o'clock in the morning. When this is the case, I am coming to believe that the work can be kept up just as well if it is planned to finish the day about 6 or 6:30 p. m. as if the work is trailed along until 8 or 9 o'clock in the evening. If horses are sensibly worked, they can put in a full day in nine or ten hours and it is much more satisfactory to all concerned to finish up the day's affairs in good time than it is to labor until dark.

It is so difficult nowadays to obtain any kind of help that I think it is up to farmers to make farm life and work a little more attractive and one way in which this can be done is to shorten the hours. The result of my observation is, that the man who handles his work so as to get everything out of the way in good time in the evening has less difficulty in obtaining help than those who keep everlastingly at it.

It was not our intention to bring this subject up again, it being our belief that the matter was sufficiently thrashed out last year. However, as this subscriber is responsible for its re-appearance we again come forward with our views on the subject.

We indorse the views expressed in this communication although in doing so we realize that this view diametrically opposes the views of many of our subscribers. We have neighbors who are thoroughly fixed in their belief that the labor of the farm can be kept up only by putting in fifteen or sixteen hours daily. They start at five o'clock in the morning and end the work at eight or possibly as late as nine o'clock at night. From the ranks of these we expect no converts to our way of thinking. However, to the younger men starting out for themselves, we believe we are

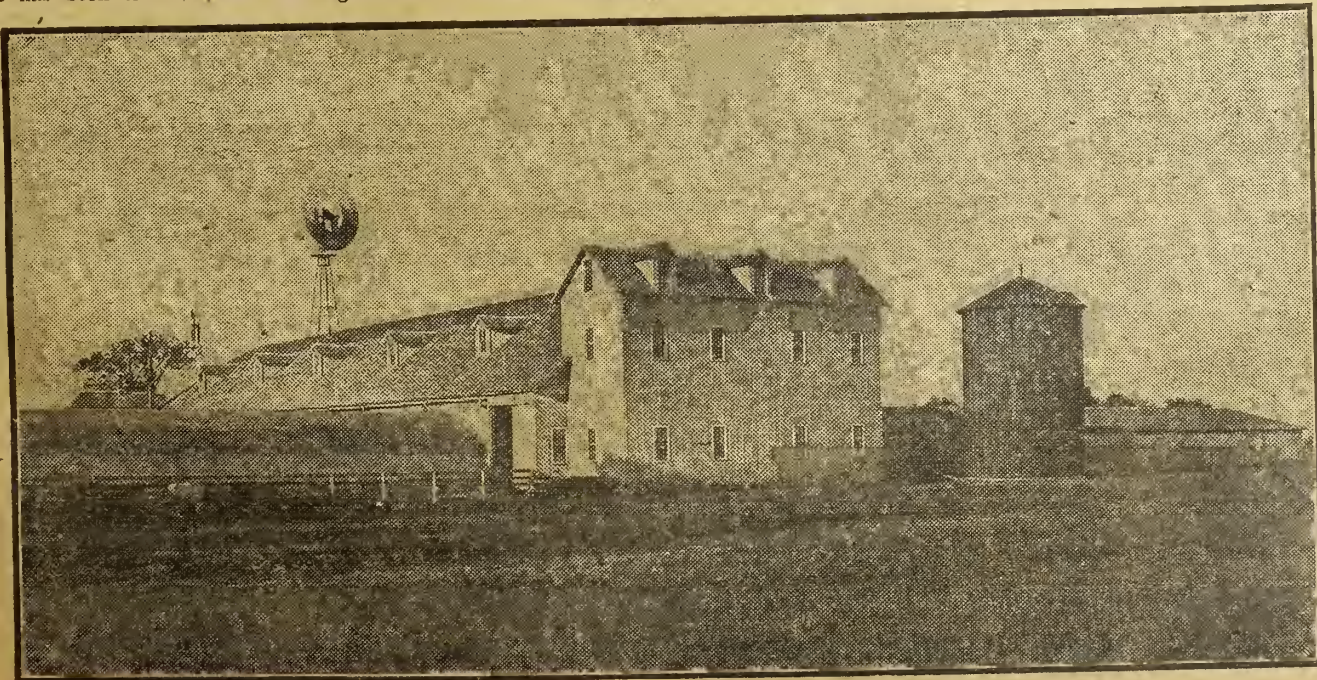
acting wisely when we try to disseminate the doctrine that it is more profitable and certainly much more pleasurable to adopt in one's system of work, the so-called shorter day.

Our theory is that a team can be made to do a full day's work in ten hours and even in nine where live stock must be cared for night and morning. This is especially true when horses are performing the heavy labor of disking or harrowing, or are in any way preparing the ground for crop. Instead of sending them through until six o'clock or six thirty and looking after the stock when the field work is done, we think it is more preferable to drive just a little faster and unhitch an hour earlier. Where several teams are at work it is not necessary to shorten the days of all, but we do think that it pays to let one or two men knock off earlier to care for the stock. Where all work right up to six or six thirty it simply means that the day's labor will be carried well on into the evening or even into the night. Under such circumstances it is not surprising that men seek work in the cities and there undertake to perform much more irksome labor in order to get the advantage of the shorter day.

We do not mean to insist that labor of the farm can be put on exactly the same basis as labor in the city, because of climatic conditions, but we do say that it is entirely practicable to adopt a general policy which results in getting all forms of labor finished up at least by six thirty p. m. There will be exceptional days, bear in mind, when this cannot be done, but during fine weather when things are running smoothly it is a much wiser policy than that of trailing out the work an hour or two later.

## PERSISTENCE IN ESTABLISHING ALFALFA.

On certain soils in the corn belt alfalfa produces a thrifty growth from first seeding, but in many cases the first crop grows somewhat sickly and if not plowed under finally dies. In many cases of this kind the grower gives up the battle, thinking that his land is not adapted to the growth of this crop. Now, an experience of this kind is not an indication that a soil will not produce good alfalfa. There might be one or two factors operating to make the crop grow weakly or kill it out altogether. In the first place, land that has never produced alfalfa may be almost entirely lacking in bacteria; that is, the organisms that live on the roots of this crop and contribute apparently to its healthy growth. If this is the trouble, and this alone, the same land should be re-seeded after the first weak crop is plowed under.



Buildings at Glenfoyle Farm, the property of Mr. A. Chrystal, of Marshall, Mich., the home of the noted Glenfoyle Herd of Short-horns. See field notes.

that the searching investigation made by the national bureau of commerce and labor into the capitalization of railways; the enactment of the rate bill by congress; the passage of two-cent fare bills by the legislatures of several states and other restrictive measures enacted or proposed were calculated to deter capital from investing in railway securities and thus prevent the transportation companies from adding to their equipment of cars and locomotives. The shortage of cars has been very great for the past twelve months, especially on the trans-continental lines. Shippers, consignees



This is advised because these organisms seem to gradually increase from the time the alfalfa seed is first sown.

Another condition that is not specially favorable to the growth of alfalfa in the beginning is when the soil is somewhat hard or waxy in its nature. This is especially true when the subsoil is of this character. Now, it frequently happens, under such circumstances, that plants will develop and send down roots three or four feet, but when that stage is reached the crop begins to turn a sickly yellow and if it is not plowed under it will probably die out altogether.

In such a case it is usually advisable to plow the land, but bear in mind that the roots of these delicate plants may have done something by way of fitting the soil for the crop later on. Upon their decay they render the soil more porous and therefore make it much better adapted to the production of vigorous alfalfa roots. This being true, it is not uncommon to find instances where the first crop on a given field utterly fails after one has been patient with it two or three years, and yet the second effort to establish a stand is crowned with absolute success.

There is a very large part of corn-belt land that is a little bit close in texture for the full development of alfalfa roots, and for that reason it must be humored a little, and there is nothing better to humor it with than to make a trial with alfalfa itself. Of course the seed is dear, it is true, and no man cares to experiment on a large scale with a crop that he knows is not going to bring in a profit. Alfalfa is so valuable, however, when it is once established that men who have grown it to any considerable extent claim that it is quite worth while to try the second time if you do not get a stand in the first instance.

#### SHORT-HORN BREEDERS BARRED FROM RECORD.

The directors of the American Short-horn Breeders' Association held an important meeting on April 12th last, at which time resolutions affecting W. M. McLemore, of Kearney, Neb., and W. O. Merz, of Monticello, Minn., were passed. The resolutions as applied to Mr. Merz are as follows:

Whereas, It has been represented to the board of directors of the American Short-horn Breeders' Association that one W. O. Merz, of Monticello, Minn., has sold a cow to one Judge D. B. Searle, of St. Cloud, Minn., by him, the said W. O. Merz, represented to be Rose of Marchmont, Vol. 45, page 646, of the American Short-horn Herd Book, got by Indian Nobleman 138666, when in fact said cow, Rose of Marchmont, had died before such sale; and,

Whereas, The said W. O. Merz was duly notified of the hearing of the said charges by the board of directors of the said American Short-horn Breeders' Association, to be held on the 11th day of April, A. D. 1907, at the hour of 9 o'clock in the forenoon, at the office of the secretary of the said American Short-horn Breeders' Association, in the city of Chicago, county of Cook and state of Illinois; and,

Whereas, The said W. O. Merz has failed to appear at the said meeting, but makes default; and,

Whereas, Evidence, oral and documentary, has been submitted to and heard by the board of directors of said American Short-horn Breeders' Association; and,

Whereas, Upon due consideration of said evidence by the said board of directors the said W. O. Merz has been found guilty of the said charge, and the said board of directors does hereby convict the said W. O. Merz upon the said charge; now, therefore he is

Resolved, by the board of directors of the American Short-horn Breeders' Association, That the said W. O. Merz shall never be allowed to enter another animal in the American Short-horn Herd Book.

The charges made against Mr. McLemore and the resolutions adopted by the board of directors are as follows:

Whereas, The following charges have been made against one W. M. McLemore, of Kearney, Neb.:

1. That in a certain printed sale catalog of viz.:

Short-horn cattle held on Dec. 30, 1905, at Gothenburg, Neb., he, the said W. M. McLemore, did make, among others, the following statements and representations: "Secret Girl, calved July 6, 1903; got by Charming King 157835, out of Golden Belle by Golden Phyllis 131975; Mollie Rhodes, calved June 10, 1904, got by Robert 167606, out of Golden Belle by Golden Phyllis 131975, and Kearney's Duke, calved May 30, 1905, got by Chief Knuckle Duster 172871, out of Golden Belle by Golden Phyllis 131975, and all bred by James Francis, of Rhodes, Iowa," which pedigrees, and each of them, were false and untrue, the said Golden Belle never having given birth to the said Secret Girl, Mollie Rhodes and Kearney's Duke, or any of them, and the said James Francis never having bred or owned the three animals aforesaid or any of them.

2. That the said W. M. McLemore knowingly and intentionally caused to be recorded in the American Short-horn Herd Book false pedigrees of the said animals, Mollie Rhodes and Secret Girl, purporting to be signed by the said James Francis, when in fact such pedigrees had never been signed by the said James Francis.

3. That the said W. M. McLemore knowingly and intentionally caused to be recorded

in the American Short-horn Herd Book a pedigree of Lady Belle, got by Young Scotchman 66688, out of Secret Girl, bred by James Francis, purporting to be signed by the said James Francis, when in fact the said James Francis never signed the said pedigrees, nor bred nor owned the said animal.

4. That the said W. M. McLemore knowingly and intentionally imposed fraudulent pedigrees upon the American Herd Book, in that he caused to be recorded therein the pedigree of a certain cow named Wall Flower's Girl, calved April 14, 1901, by Baron Wilderburg 125982, out of Hillsdale Lady 27th, by Spartan Chief 5303, and a certain other Short-horn cow named Wildflower Maid, calved March 6, 1902, by Robert 167506, out of Hillsdale Lady 27th, by Spartan Chief 95303, both bred by John Marsh, of State Center, Iowa, when in fact the said Hillsdale Lady 27th died before the 1st day of February, 1902, and never at any time was in the possession of or owned by a person of the name of John Marsh.

5. That the said W. M. McLemore in the sale catalog of Short-horn cattle held on December 30, 1905, as above stated, offered for sale Gertrude 7th, calved August 27, 1901, by Broken Tall 126205, out of Gertrude 6th, by President 120545, when in fact Gertrude 7th died in the month of April, 1905.

6. That the said W. M. McLemore in the catalog aforesaid advertised for sale on December 30, 1905, a bull named Lad For Me, calved April 6, 1905, got by Charming King 157835, out of Grace Lide, by Baron Wilderburg 125982, when in fact the said Grace Lide was not with calf on the 16th day of February, 1905. And,

Whereas, The said W. M. McLemore has been duly notified of the said charges, and that the board of directors of the American Short-horn Breeders' Association would hear the said charges and evidence in support thereof on the 11th day of April, A. D. 1907, at the hour of 9 o'clock a. m., at the office of the secretary of the said association, in the city of Chicago, Cook county, Ill., and that the presence of the said W. M. McLemore was desired at said hearing by the said board of directors; and,

Whereas, Although duly notified of the said hearing upon the said charges as above stated, the said W. M. McLemore does not appear, nor does any one appear in his behalf, but makes default; and,

Whereas, The board of directors of the said American Short-horn Breeders' Association, having heard the said charges and evidence, both orally and documentary, in support thereof, doth find that the said W. M. McLemore, of Kearney, Neb., is guilty of said charges and of each of them, and the said board of directors does hereby convict the said W. M. McLemore of the same; therefore, be it

Resolved, by the board of directors of the American Short-horn Breeders' Association, That the said W. M. McLemore shall never hereafter be allowed to enter another animal in the American Short-horn Herd Book.

Whereas, One W. M. McLemore, of Kearney, Neb., has by the board of directors of the American Short-horn Breeders' Association, been found guilty of certain charges, as will more fully appear by the resolutions this day adopted by the said board of directors; now, therefore be it

Resolved, by the board of directors of the American Short-horn Breeders' Association, That the said resolution be published in the succeeding volume of the American Short-horn Herd Book and in the agricultural journals of the United States.

Whereas, One W. M. McLemore, of Kearney, Neb., has this day been found guilty of certain charges by the board of directors of the American Short-horn Breeders' Association, as will more fully appear by the resolution duly adopted by the said board of directors; and,

Whereas, In the opinion of the said board of directors, not only for the protection of this association, but of the innocent public, the said W. M. McLemore should be prosecuted under the laws of the state of Nebraska; now, therefore he is

Resolved, by the board of directors of the American Short-horn Breeders' Association, That the assistant secretary of this association be and he is hereby instructed to submit to the proper prosecuting or district attorney of the state of Nebraska any and all evidence which he may have bearing upon the offenses committed by the said W. M. McLemore in said resolutions set forth.

#### Straight Corn Checking.

To the Editor of The Homestead:

In a late issue of this paper the two-row cultivator was brought out again. The most serious objection to the two-row cultivator is crooked planting. Please let me state a method we used last year and we had the straightest rows the checked way we ever had. Only a small percentage of workmen can draw the wire so the tension is always the same. The majority will do fairly well, but some fields are a sight to behold. The point I wish to emphasize is this: If the planter is perfect in its work, and all are supposed to be, then the only thing for the operator to do is to see that the pole at neckyoke is carried the proper height from the ground. This will depend on the size of team used. If the planter is perfectly adjusted and checks correctly, the only reason for crooked checking must be unequal stretching of the wire or a very light wire, causing side draft by pressing or causing one side of planter to go deeper in the ground than the other side. If the end of the pole at neckyoke is on side of marker row where the chain is, there is just so much side draft and the hills will be dropped just that much from a true line if the checking is otherwise perfect. If the planter drops correctly and all side draft is eliminated, there is only uneven

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stretching of chain to cause crooked planting.

We took a piece of smooth wire about ten inches long and twisted one end around anchor stake above step and one below. This would leave enough to make a loop two or three inches long. We did this with both anchor stakes. Now get one or two fifty pound spring scales. If you have two you will have one for each end of wire; if you have one you will have to carry this with you (we used only one). Hook your spring scale in loop of wire on stake and draw up the necessary pounds, say forty pounds for fields sixty rods or over and twenty-five pounds for forty rods or under. Grasp the anchor stake with other hand and only steady it enough to hold this perfectly perpendicular. Draw up the required number of pounds (never draw more than the required number) and set stake. Stake should be set at least forty feet back of center of planter, even if you have to go through a fence to set your stake. Now if all other conditions are perfect this should give you perfectly straight rows the way the rows are checked. The little spring scale is unerring in its judgment and cannot fail. When you have planted a dozen rows get in on field ten or fifteen rods from end, dig up the hills and see if they are perfectly in line. If not see if pole is carried too high or too low; discover the fault wherever it is and have it corrected. This should insure the most perfect checking and corn should be straighter the checked way than the way planted.

I see no reason why the two-row cultivator should not be the coming plow if the planting is perfect. An old bail from a wash tub will make a good handle for spring scale. A Subscriber. Saude, Iowa.

#### The Two-Row Cultivator.

To the Editor of The Homestead:

I notice that you desire information relating to the two-row cultivator. I used one last season and found it highly satisfactory indeed. I tilled eighty acres of corn myself with three horses, and believe that I could have handled ten or fifteen more.

It is no more difficult to operate a two-row than a single-row plow, and a man with three horses can cultivate eighteen acres a day just as easily as his neighbor can cultivate nine acres with the single-row plow. I crossed corn that was planted on stalk ground that wasn't extra straight and yet the cultivator did good work. I think that the two-row plow is the coming implement in this locality. I raised 4,800 bushels of corn without any extra help. P. H. Keiser. Blackhawk county, Iowa.

I recently read in your paper what Mr. John Crick said about two-row plows and would like to know more about them. I will say that I bought one last year and it proved a success every way. It is a good plan to buy one on a week's trial.

In the first place, burn the corn stalks, as no two-row plow will do good work in stalks or trash. I use the three shovels in each gang or twelve in all, and the first time through the corn the two front shovels were set ten inches apart. That was as close as I could have them and not stop too much. I could average ten acres the first time and nine or ten the second time across, and after that I could plow from twelve to fourteen acres

a day, according to the weather. The first time through it pulls as hard as a sixteen-inch riding stirring plow. It needs three fourteen or sixteen hundred pound horses to pull it the first couple of times; after that it pulls a horse easier. One man can tend sixty-five or seventy acres in a season all right and do as good work as two men with one-row plows.

Get a plow with the seat at least four feet behind the first shovels; some plows have the seat too far ahead. Get also a balance frame and long distance axle, as it is pretty heavy on the wheels. I got the three-inch tires. I work the two inside gangs with my feet and the two outside have long handles like a walking plow to work with the hands. I drive with the lines around my shoulders. The gangs should work up and down independently and sideways all together. By all means buy one on a week's trial and if the agent comes out put him to plowing where there has been manure and heavy stalks turned under, and then ask him how he likes it. The agents of any make will tell you that they will work well any place, but don't believe it. However, under good conditions they are a grand success.

Clinton Co., Iowa. E. L. Hastings.

#### Mr. King on the Road Drag.

To the Editor of The Homestead:

Allow me to congratulate you on the wisdom of your statement in a recent issue, which is as follows: "The first advice that we would offer anyone about to make his first road drag is to make it as simple an affair as possible."

This is most excellent counsel for several reasons. For one, if a man decides to knock together something that will do, he will generally set at it immediately, and as a result secures an improvement in his road without delay. Again, if he uses a two-inch auger and wedges the stakes securely he will find that a few feet of sharpened steel on the front slab is about all the addition he needs.

I am convinced, after years of observation, that the more thoughtfully evolved "fixings" and the more expense put into the building of a drag, the more likely it is to be unsatisfactory. I have seen a number. And finally, after several years of experiment in building drags of different materials and of various shapes, my neighbors (whose advice and assistance I have had) agree with me that the original split-log idea is best. It is best because it will do anything a drag should be expected to do. It is the best because it is the simplest, and, other things being equal, the simplest is always the best. And it is best because it is the cheapest. Let me also indorse the injunction to make the drag of light material. D. Ward King. Maitland, Mo.

#### Aids to Intensive Cultivation.

With the rapid adoption of more intensive cultivation and scientific methods of agriculture, there is need of tools that are suited for the work involved. "Special purpose tools" are shown and their particular uses described in a valuable and attractive forty-eight page book, published by the American Fork & Hoe Co., Cleveland, Ohio. Our readers are offered free copies while the present edition lasts. See advertisement on page 10. Write soon and mention The Homestead.



## Farm Furrows

Turned by a Practical Farmer.

The strongest crop in the land—onions.

A valuable side partner on any stock farm is a good Scotch collie.

A good many farmers sold potatoes last fall and now are buying the same ones back at twice the price.

There should be plenty of excitement to keep the wildest boy on the farm when the shoots begin to shoot.

The farmer is the only business man who does not seek out a market for his produce. Negligence of this sort in other lines proves suicidal.

A poultry expert claims that oyster shells have little value as a grit supplier in the poultry pens. Their shells are said to disintegrate and revert to their former state of shell lime. Crushed rock is the best grit food.

The tall men in Texas ask the legislature of that state to require nine-foot sheets in hotels and the request will be enforced by the law now. Travelers should wear a happy smile at breakfast in that state after this.

An old farmer once sarcastically said that he thought that boys who went to agricultural colleges learned a great deal more about farming than people imagined, because so few of them ever returned to the farm. The fact is that fully half of the graduates from our best agricultural colleges go back to the farm and make stanch, influential citizens in their community.

Dispatches from Argentina, S. A., state that the outlook for the corn crop is very dubious, due to a persistent drouth which has greatly damaged corn plantations to the extent of destroying half the crop in some areas. The surplus for export will be very small which will probably affect the market in this country in a favorable way for the producer. Argentina raises about one-twen-

tieth as much corn as the United States.

All kinds of farm implements should be examined in every part at least once a day when they are in operation and thoroughly tightened up with a wrench. I believe in tightening things before they get loose.

There are a lot of young fellows who reach the climax of their ambitions when they get possession of a driving horse and a new buggy. The biggest business deal they are capable of engineering is one where a \$25 cutter of but one season's use is traded in on a new buggy for a dollar whip and a gaudy lap spread.

The more a man studies the live stock market and its relation to supply and demand, the more he is convinced of its complexity. There are only one or two men in the country who can forecast the condition of prices in the corn belt, and this information is secured at a considerable cost of time and money.

Agriculture now can boast of being dignified with a cyclopedia of American agriculture which has recently been published. It is from the pen of the noted writer of farm literature, L. H. Bailey. Numerous fine illustrations of farm scenes brighten the pages and altogether the book is a store-house of information.

A neighbor's dog was an unwelcome visitor at our place for months. Nothing that I could do would keep him away. I stopped him at last and all I did was this: I put him in a large barrel, put the top on and then rolled him down a quarter mile hill. When I let him out I could just distinguish a yellow streak going across the fields.

A nuisance as regular as a rainstorm is a leaky barn or granary roof. If the horse or cow stalls are not floored the trouble is further aggravated. A leak over the grain bin is worse than one in the floor by far. A day or two spent in replacing rotten shingles will be an investment of time that will bear a hundred per cent in returns.

How inconsistent and short-sighted, indeed, for men to invest money in lines of business with which they are absolutely unfamiliar and expect that, in the hands of men who themselves have as a class failed even as specialists, there is a possibility for making big returns or even fair ones. One business is not so very much more profitable than another.

Some of the best work horses I ever owned or know of were of the kind that would not put on flesh. Their ribs would show regardless of the amount or kind of feed they received. In the collar they would wear out any horse, especially one in better flesh and in hot weather. I like to see a nice amount of flesh on a horse, but not so much that the muscles become soft.

When a man moves to a new country he takes with him some ideas more or less not adaptable to his new surroundings. While it is well and proper to be progressive, up-to-date and all that one must bear in mind that there are surely men before who have been as progressive and that the present methods have survived as the best fitted to the conditions.

About 5,000 species of bees are said to exist. Bees stand in social and constructive ability at the head of the insect kingdom and it may be presumed that this is why they exist in such numbers and variety. It is probably true, as we are told by scientists, that we can never fully realize the important influence which bees exert upon the plant world by pollinization.

Stallion owners should not delay the matter of having their animals recorded with the department of agriculture of their respective state if there is a law to this effect in force. There was a pretty general agitation of the law in corn belt states this past winter. Wisconsin and Iowa require this procedure of stallion owners and in the latter state a fine of \$100 is imposed for failure to comply.

There is a certain amount of equipment necessary in the house, to conduct its affairs efficiently, as well as on the farm. We are not living in the simple days gone by. The housewife has as much necessity of labor-saving machines as the husbandman of the farm. A great

### This Little Pig Went to Market and Got Top Price

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If Zenoleum is not all we say it is, or even what you think it ought to be, you can have your money back. No talk, no letters,—just money.

many men do not realize this. It is a false economy to do without burden reducers until the marks of decrepitude appear.

A good many farmers have gone out of business on good land simply because they did not know where "they were at" so to speak, in financial affairs. Some individuals let the other fellow keep the books, and eventually let him keep their property, too, for his trouble.

All my life I have watched the workings of that old saying, "Sky red at night, sailor's delight; sky red in the morning, sailor's warning," and while I have no faith in signs, I am wont to believe that it is about as sure a forecaster of weather on the morrow as any indication not based on science.

Already the effect of the rigid meat inspection laws is gratifying and foreign countries subjecting our meat exports to careful examination have found no fault with them since the different meat products are properly labeled and rightly represented. Uncle Sam is paying over a thousand new salaries for the new service.

When a man hauls two loads of grain to market in a day he has made an initial expense of from two to four cents a bushel in getting the same on the market. As a rule a man does not consider this time worth a great deal, but when there is always plenty of repairing, fence-making and preparation to attend to a farmer's time is always valuable.

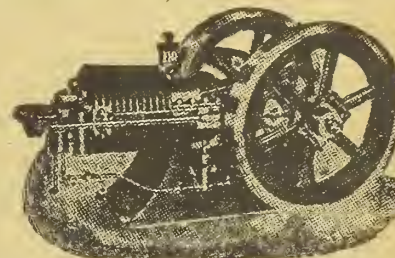
Here is a problem in simple economy: A farmer recently sold a load of wheat for sixty-eight cents a bushel and in exchange received a ton of bran at \$22.50. What was his object? I figure a ton of wheat is thirty-three and one-third bushels which at the above price is \$22.66 2-3. It looks about like an even exchange with the cost of hauling and time thrown in.

### Something About Alfalfa.

To the Editor of The Homestead:

Your recent invitation to write something about alfalfa prompts these few lines. I have raised it in southern Kansas and found that some of the land produced it well and some did not. I have lived in southeast New Mexico one year, and will deliberately say that this is the best alfalfa country that I have ever seen. It grows to perfection here. Last summer I cut mine five times and it furnished good green pasture all winter, and where it was not pastured it is six inches tall now and perfectly green.

It is possible to cut eight tons per acre in one season. I sold mine for \$10.50



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per ton in stack this last winter. This is considered a great fruit country, but I believe I prefer alfalfa on account of producing the first year and it is from five to seven years before fruit comes into bearing. I know of nothing that will beat it anywhere. Three cuttings of hay and one of seed pay well, the second one seed, which is liable to beat five cuttings of hay, that is, the seed.

August or September is considered the best time to sow, though many sow in the spring. I think the drill the best for seeding. This is a new country and undeveloped, but I think it will be a great stock-feeding country when developed. I certainly believe in alfalfa for profit. We have about twelve inches of rain during the year, sometimes twenty inches, mostly in April, June and July. Our winters are mild. We had one freeze and one twelve-inch snowfall this winter, which was early. Since then we have wild flowers in the field and the willows in leaf. This is an irrigation country from artesian wells and also from rivers. The dry summers favor curing the hay without loss from rain.

Eddy Co., N. M.

D. M. Elder.

## Driver or Worker

To do his best, a horse needs the whole food value of his ration. To produce flesh and milk this is also true. In a heavy fed animal only about half of the food is usually digested, in an unthrifty animal it is less.

Dr. Hess Stock Food the prescription of Dr. Hess (M.D., D.V.S.) increases the powers of digestion and assimilation and makes every pound of grain yield a larger amount of profit than is possible without it, besides curing the minor stock ailments. When we remember it is not the food consumed but the food digested that produces the profit, we comprehend the necessity for tonics. Professors Quilman, Winslow, Finlay Dun and all the leading medical authorities recommend the Hitter tonics in

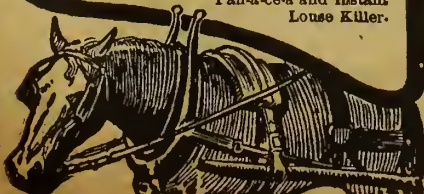
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for improving digestion, iron for the blood, nitrates for expelling poisonous material from the system and besides it is sold on a Written Guarantee.

100 lbs. \$5.00  
25 lb. Pail, \$1.60

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee.

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# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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Des Moines, Iowa.

## HONOR IN MAKING UP PEDIGREES

Elsewhere in this issue we give the charges preferred by the directors of the Short-horn Breeders' Association against two of its members and the resolutions which bar these men forever from recording an animal in the American Short-horn Herd Book.

Assuming that the charges are true, it brings us face to face with a very serious situation. The whole pedigree business is based entirely on honor, because pedigrees are ordinarily made out in the quiet of one's sanctum. The seal-awag is given a splendid opportunity to deceive, though the investigations recently made by the Short-horn Breeders' Association would indicate that after all, honesty is the best policy, because the end in most cases is humiliation and disgrace.

We give space for recording this event, not because we believe that any considerable number of pure-bred breeders need it as an example, but rather for the benefit of those few who are inclined to use their guessing propensities when it comes to the matter of making out a pedigree. Although in this case cattle-men are caught, the lesson to be drawn fits breeders of all classes of stock, and while no man rejoices over the punishment of a fellowman, yet it is hoped that these two instances will sufficiently warn those who are loose in their affairs relating to the pedigree business, so that the near future will not record similar events of this character.

## THE GEORGE W. CATT BEQUEST.

The late eminent New York engineer, George W. Catt, remembering the hardships of his own youth and grateful for the opportunities afforded him at his alma mater, the Iowa State College of Agriculture and the Mechanic Arts, left a will which contained the following provision:

I give to my wife, Carrie, one-half of all my remaining property, both real and personal, absolutely, and do hereby give to her all of the income from the other one-half during her life time, and do constitute her a trustee for the said last half of my remaining property to keep and to hold the same during her life. At her death this last one-half of my remaining property shall then go to the Iowa State College of Agriculture and Mechanic Arts, to be used to found as

many scholarships of \$100 each as the income of the same shall provide.

The property thus bequeathed to the college was then of the value of \$40,000, but is said to be now worth \$70,000.

The lower courts of New York held that this part of the will was null and void for the reason that the college was a part of the state and could not receive a gift.

Mrs. Catt, who is a former Iowa woman, has, it is reported, found a way of carrying out her husband's will. She has filed a trust deed conveying the property to the college. This will obviate the necessity for an appeal of the case to the higher courts of New York by the attorney-general of Iowa.

The bequest was a noble one, generously conceived; and Mrs. Catt is to be commended for her course in making it effective.

## Listing or Checking Corn.

To the Editor of The Homestead:

Listing is certainly the most popular method of corn planting today in Missouri and Kansas; whether it is the best way or not, is very much of a question.

Some of its apparent advantages over top planting are that an earlier seeding can be made and this in the average of seasons is of value, for as a rule the early planted corn gives the best results.

With the lister a field can be seeded in much less time than it would take to plow, harrow and surface plant.

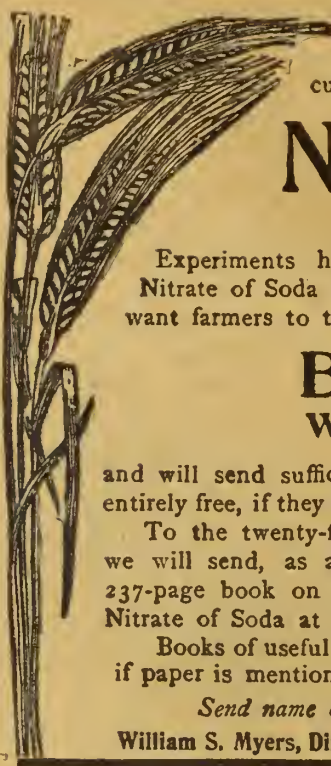
The hired man question also has a bearing, for horses can be had and with a riding lister and a relay of teams one man can cover a large area of land in a day.

Listed corn is thought to stand drouth better than surface planted due to the fact that the root system of the plants are established deeper in the soil, being thereby more closely connected with the sub-soil and in a dry time can avail of the supplies of moisture brought up by capillary force from subterranean sources.

As the rows are gradually filled as cultivation progresses, the fields are left in the end in a nearly level condition, a form better than ridges for the retention of moisture and affording stronger support to the plant against heavy winds. Wherever comparative tests of yields have been made between listing and top planting under like general conditions the results have been practically about alike. Indeed if the lister had not been able to maintain its equality it would have been in the junk pile long ago. While single listing and seeding at the same time without any previous preparation of the soil, probably largely prevails, yet there are many modifications of the work in common practice.

One of the changes instead of using the stalk cutter on fields that were in corn the previous year, is to give a good double disking, once each way; this effectively gets away with the stalks and whatever other rubbish may be present and also fines the surface soil to a good physical condition. Then list out the rows and plant with a double rowed corn planter.

Sometimes the listed rows are allowed to warm up a day or two before planting. One advantage of this method of planting is that the planter firms the soil well over the seed, insuring a more prompt and certain germination and there is another advantage; if a double rowed cultivator is to be used, two rows will always be parallel and equi-distant from each other, to which the cultivator



IT'S LIKE

cultivating only half your field to try to do without

# Nitrate of Soda

(The Standard Ammoniate)

Experiments have proved that a top dressing of Nitrate of Soda invariably means a greater crop. We want farmers to test it on

## BARLEY Wheat or Rye

and will send sufficient Nitrate of Soda for the purpose, entirely free, if they will use as we direct, and report results.

To the twenty-five farmers who get the best results, we will send, as a prize, Prof. Voorhees' most valuable 237-page book on fertilizers of all kinds. Apply for the Nitrate of Soda at once, as this offer is necessarily limited.

Books of useful information will be sent free to farmers, if paper is mentioned in which this advertisement is seen.

Send name and complete address on post card.

William S. Myers, Director, John Street and 71 Nassau, New York

## This Is The Result

When feeding your stock with American Family Stock Food. The greatest Finisher, Waste Saver and Flesh Producer in the world.

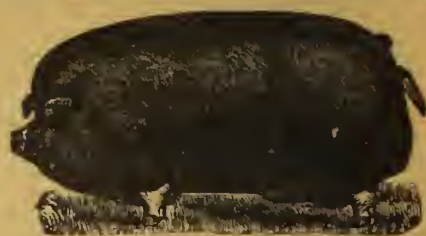
We will send you a pail on trial FREE and guarantee results.

Write for full particulars.

## AMERICAN FAMILY SUPPLY CO.,

1711 STATE ST.,

CHICAGO, ILL.



can be more easily and effectually adjusted.

Another practice is to double list before planting, thus securing a more perfect stirring of the soil. Some seasons this pays well to do, and again in some seasons there is no apparent advantage. It doubtless depends much upon the previous condition of the soil and the season. Others run the lister twice in the same row, not going any deeper the second trip than the first, claiming that this extra fining of the soil gives increased yields.

The great drawback of the use of the lister is the danger of heavy rains at the planting season. Every row for the time being becomes a canal, either carrying away the loose soil or else burying the seed or corn plants under an avalanche of mud.

This loss by the washing of a newly listed field is enormous and requires years of labor to renew. Of course these heavy downpours do not always come just at the time our fields are open, but they are in evidence often enough to cause serious and lasting loss. The amount of good Missouri and Kansas soil that the use of the lister has caused to go down to the Gulf of Mexico will never be estimated or known.

There is also in the use of the lister a greater liability of failure to secure a good stand, sometimes necessitating much replanting, and replanting is at best a job not to be courted. This is probably due many times to the soil not being sufficiently warm to start germination and the seed corn rots.

As a whole it is likely that the popularity of the lister is due to the fact that it is a less expensive method of corn growing than plowing and surface planting and that under our present methods and a majority of the seasons gives as good results. Now as to surface planting and check-rowing, where a field is prepared by plow and harrow there is certainly very much less danger of loss of soil by washing by a heavy rainfall at the planting period, as the loosened soil will absorb and hold a vast amount of water before reaching the point of saturation and flow and the seed or young plants if they are showing up are not as liable to be buried under mud. Germination is more certain and prompt and if good seed be used, a strong, even stand is almost certain. If checkrowed as most of surface planted corn is, a

## STEERS FOR SALE

286 HEAD well bred steers, the low down blocky kind, dehorned; weight 600 to 1,150 lbs. Must be sold at once. Call on or write H. I. BALL, FAIRFIELD, IOWA

more thorough and effective cultivation is possible, the weeds can be kept in better control, soil mulches more easily maintained, and we are realizing more and more each year that the corn crop depends more upon the cultivation it receives than upon the season.

Our own and the experience of the older states show the folly of continuously keeping our fields in any one crop and we are turning towards the practice of a rotation of crops. With the more general adoption of this system will come a less and less use of the lister and a larger use of the plow and disk.

We are really just learning how to grow corn, for now we only succeed in growing thirty or forty bushels to the acre when easily double that amount should be produced. This failure is not due to the limitations in capacity of the corn plant, the lack of fertility in our soils or the varying seasons. It is due to us, but we are learning. We are gathering some new ideas of practical application in soil fertility. We are learning many new and strange points about seed corn, about its selection, care and potency. We are coming to a better knowledge of the moisture requirements of the corn plant and that it is really within our power in a large degree to supply these requirements, whatever the seasons may be. And all this knowledge will crystallize and take shape in general acceptance and practice in the advancing years, and there shall be show-ers of blessings in greater harvests.

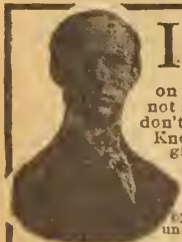
Kansas.

M. Mathewson.

Some farmers would be better off if they had to climb a slippery hill twenty miles long, going to town and had only one mile of smooth road going home.

## BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A. Minneapolis, Minn.



I can prove that the "Knodig" Pitless is the scale you need—if you will give me half a chance. That's all I ask of you. Send me your name and address, and simply say you will give the Knodig a 30-day free test. I'll do all the rest. I'll pay all the freight. I'll pay for setting the Knodig right on your premises if I don't prove my case. I'll take all the risk of the Knodig not suiting you. If it doesn't suit you that's my fault and my loss—not yours. I don't ask you to pay me a red cent until you're ready to say "Gumbel, your Knodig Pitless Scale is just what I needed." Do other scale manufacturers give you such a square deal or as mine? Not by a long shot. They don't dare to. I can afford to do it simply because the Knodig Pitless Scale will stand the test that other scales can't stand.

I send the Knodig Pitless Scale from my factory, straight to you, so I save you all dealer's, jobber's and agent's profits. It's the only scale that is good enough to be backed by an unlimited, iron-clad 10-year guarantee. You positively can't afford to buy a scale until you read the big Knodig Book—It's free. Just send me a postal. Read it and then—

Let Me Pay the Freight On a **Knodig Pitless Scale** 30 Days' Free Trial

Remember the "Knodig" Pitless is fully covered by patents so you can't buy the best scale made except by sending direct to me. You can move your "Knodig" Pitless Scale wherever you need it. No pit to dig and keep cleaned out—no rusting parts—no rotting timbers—no big repair bills—no trouble at any time, but an ever-ready, absolutely accurate scale because tested and regulated in exact accordance with U. S. standard of weights. My free book is the most complete and attractive scale book ever published. It contains over 40 handsome illustrations of interest to every Farmer and Stock Raiser in the land. It shows you just how you can save from \$35 to \$50, and at the same time get the best scale made. Send for a copy now. Address me personally like this:—  
H. C. GUMBEL, Gen'l Mgr.,  
National Pitless Scale Co.,  
2011 Wyandotte St., Kansas City, Mo.





## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their addresses. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### LOSS OF COWS.

I would like to know what kills my cows, as I have lost two of them inside of a week. They seem all right at night and are dead in the morning. They run in the stalks and meadow, and I feed them corn and clover hay, in the barn at night. One died and I tied another in her stall, and that one died. I had a veterinary doctor from Red Oak and he said they were poisoned, from eating clover hay. Kindly let me hear from you soon.

We are at a loss to know what killed your cows, as your description throws little if any light on the subject. It seems unlikely, however, that clover hay should cause death unless it happens to be moldy. We suspect that cows have picked up injurious food on stalks and would advise you to stop pasturing in those fields. Corn stalk disease, so-called, takes many forms and this may be one of them. If more trouble occurs notify the veterinarian of the state experiment station at Ames and ask him to investigate or have it done by the state veterinarian.

#### CORN STALK DISEASE.

I have a cow which had the corn stalk disease that many cattle have recently. She took sick while I was in to dinner, and when I came out the hogs had bitten the point of the left front teat off, and had torn the flesh from the right front teat. She got well all right of the disease, but the bag is in bad shape. It was impossible to milk those two front teats for several days. I applied salve until the wounds were partially healed, and by this time her bag had begun to cake. I milked the teats, and clots came from them. It then turned to clean water, and the bag kept getting harder. I then applied salt grease, but it did no good. It grew to smell terrible. We then called a veterinarian who advised us to bathe in very hot water twice a day and insert a liquid of warm water and a white powder. Have continued this some two weeks. It does no good. Cow is very poor. She was a good milker and very hard to turn dry. Was fresh in August. Is six or seven years old. Has been sick since middle of December. Has good appetite. What shall I do for her?

The cow is ruined, but might possibly have been saved had you at once called in the graduate veterinarian to give intelligent treatment. The two affected quarters are lost and will not regain their function, so if possible she should be dried off and fattened. If you do not care to do this then sell her to the buyer of "canner" cows. Treatment at present stage should consist in injecting a

lukewarm one per cent solution of permanganate of potash into discharging teats once daily until bad odor subsides; then change to two injections of hydrogen peroxid daily and from the first rub the affected parts of udder once daily with mercurial ointment.

#### SKIN DISEASE.

I have an old mare that has something the matter with her tail. I would call it lth; it is also on her back bone. She eats hearty. What shall I do for her?

You are feeding too heavily of too many different feeds. Substitute whole oats and bran and if possible supply some carrots in addition to hay. Have teeth of old mare put in order by a veterinary dentist. Scrub affected parts of skin with soap and hot water; then with a 1-30 solution of coal tar dip, in which flowers of sulphur have been freely mixed. Apply the latter every three days, but do not wash again. All of the horses should be out of doors for exercise just as much as possible if not worked.

#### LUMP JAW.

I have a registered bull which has the lump jaw. Would be pleased to know if it is contagious.

Lump jaw is not, strictly speaking, to be considered contagious, but is an invasive disease, being caused by the ray fungus finding entrance to the tissues by way of a scratch or abrasure of the skin or wound of the gums. Where pus is discharged from a lumpy jaw abscess it contains spores of the ray fungus (actinomyces) and these getting onto fodder might affect an animal having scratches or other wounds of the face or gums. It, therefore, is a wise plan to isolate an animal so affected. The disease is not transmissible to progeny by an affected bull or cow.

#### ABORTION.

I have been a subscriber for your paper since December, and have failed to see anything in regard to abortion, and as I have twenty-five head of two-year-old black Angus heifers would like to know something of it. Five of these heifers have aborted, due to calve from the 1st of May to June 15th. They are in good order and have the run of the farm, corn stalks, meadow, oats straw, a little hay night and morning, but no grain. They have plenty of water and salt once a week. Now I wish to know what to do for them. Will it be safe to breed those that have aborted? Should I use a disinfectant? What? How? Please answer through your paper.

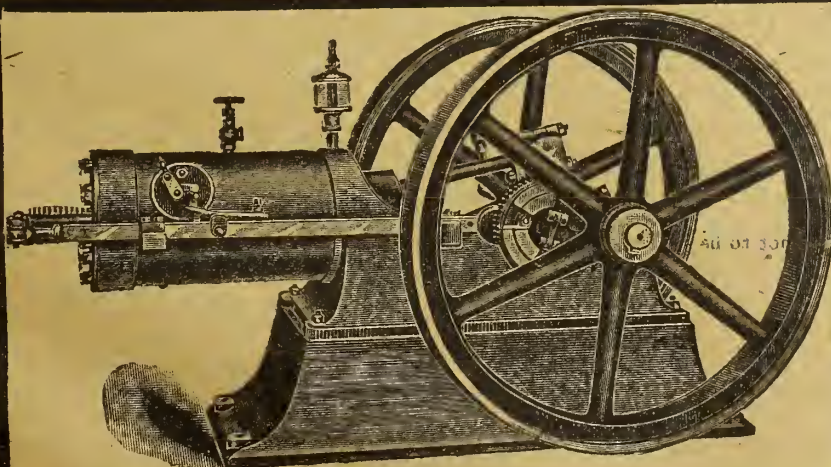
We have very many times given full and explicit instructions as to treatment of contagious abortion. Isolate the aborted heifers and do not breed them until they arrive at the time they would have been bred had they not aborted and not then unless the discharge has wholly ceased as a result of treatment. The feeding mentioned is unfit for pregnant cows. They should have grain, mixed hay and be kept out of stalk fields. Flush out the vagina of aborted cow once daily with a lukewarm 2 per cent solution of coal tar disinfectant for a week; then every other day for a week; then twice a week until bred. Every day spray or sponge external genitals of each pregnant cow with similar solution. Give each pregnant cow throughout pregnancy half a dram of pure carbolic acid mixed in water and put in feed,

## HORSE OWNERS! USE GOMBAULT'S CAUSTIC BALSAM.



A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for circulars. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.



THE greatest engine proposition ever offered to the readers of The Homestead. We build a complete line of stationary, pumping and portable engines from 2 to 30 H. P. Also hay stackers and rakes, power and sweep mills, thrashing machines. If your dealer doesn't handle our goods, write us direct.

CASCADEN-VAUGHAN CO., - - - WATERLOO, IOWA

## HOW ARE YOUR BARN'S COVERED?

# RUBEROID ROOFING

TRADE MARK REG. U.S. PAT. OFFICE.

### THE ALL-IMPORTANT FEATURE

of Barns, Outbuildings and Poultry Houses is the roof. Why not use a roofing that will last as long as the buildings themselves?


RUBEROID is the original elastic, weatherproof and fire-resisting roofing. Absolutely different from any other roofing, and stands head and shoulders above them all.

Contains no tar or paper. Will not rot, crack, melt or corrode. Retains its elastic qualities in all kinds of weather. Makes a smooth, air-tight, permanent roof.

WRITE FOR SAMPLES AND PRICES.

THE STANDARD PAINT COMPANY,

GENERAL OFFICES, 100 WILLIAM STREET, NEW YORK, BRANCHES: CHICAGO BOSTON PHILADELPHIA ST. LOUIS KANSAS CITY ATLANTA



## Blacklegoids

Simplest, Safest, Surest Vaccination for the prevention of

### BLACKLEG IN CATTLE

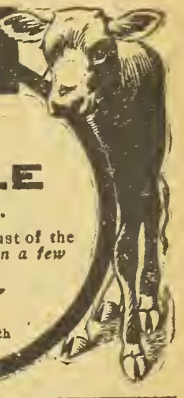
NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

**PARKE, DAVIS & COMPANY**

HOME OFFICES AND LABORATORIES, DETROIT, MICH.

NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.



sprayed on hay, or given as a drench each other day. Carbolic acid may also be mixed in salt at rate of one pound of the acid to fifty pounds of salt and given freely to cattle on grass as a preventive.

#### LAMPERS.

I have a black horse six years old, weight 1,000 pounds, that has lampers. I think it is called. The gums on the inside of the upper teeth are swelled down lower than the teeth. Please tell me how to cure him. I have been feeding timothy hay and shelled corn. Has been sick about a week.

Lampers is not a disease in itself, but merely a symptom of general inflammation of the gums and buccal membrane lining the mouth. The probable cause is irregularities of the teeth which should be attended to by a veterinary dentist, after which swab mouth twice daily with a solution of half an ounce of borax in a quart of soft water and allow horse to chew on a few ears of old hard corn daily.

#### AN OIL WITHOUT ODOR.

We know that it will interest our readers to learn that the J. Stevens Arms & Tool Co., of Chicopee Falls, Mass., have perfected a new oil which is known as "Stevens Odorless Gun Oil." The name is interesting when we know the unwholesome odor that gun oils have had in the past. This oil is a lubricant, rust preventive, polishing and a cleaning compound. It is not only adaptable to firearms, but also to bicycles, sewing machines and all mechanisms requiring a high-grade oil.

GOMBAULT'S CAUSTIC BALSAM IS O. K. Frank M. Dyer, of Early, Iowa, writes March 26, 1906: "The Lawrence-Williams Company, Cleveland, Ohio:—A mare of mine had a sore spavin 11st spring. I used all kinds of remedies, but nothing helped her until one day a friend told me to try Gombault's Caustic Balsam. I did so and now the mare is all right. I will do all I can to help you. Your remedy is the best that I have ever used." See advertisement on this page.

#### EXCURSION RATE TO PACIFIC COAST.

Daily during March and April, the Minneapolis & St. Louis R. R. will sell one-way excursion tickets to points in Montana, Idaho, Washington, Oregon and British Columbia at \$15 less than regular rate. Ticket offices 512 Walnut St., and Union Station. For further information address W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

#### CHEAP ONE-WAY RATES.

Every Tuesday during March and April, the Minneapolis & St. Louis R. R. will sell cheap one-way excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. Rate is \$14 to most North Dakota points. Buy tickets at 512 Walnut St., or Union Station. For further information write W. K. Adams, Dist. Pass. Agent, Des Moines, Iowa.

## Bone Spavin

No matter how old the blemish, how lame the horse, or how many doctors have tried and failed, use

### Fleming's Spavin and Ringbone Paste

Use it under our guarantee—your money refunded if it doesn't make the horse go sound. Most cases cured by a single 45-minute application—occasionally two required. Cures Bone Spavin, Ringbone and Sidebone, new and old cases alike. Write for detailed information and a free copy of Fleming's Vest-Pocket Veterinary Adviser

Ninety-six pages, durably bound, indexed and illustrated. Covers over one hundred veterinary subjects. Read this book before you treat any kind of lameness in horses.

**FLEMING BROS., Chemists,**  
310 Union Stock Yards, Chicago, Ill.

## You Can't Cut Out A ROG SPAVIN or THOROUGHPIN, but ABSORBINE

will clean them off, and you work the horse same time. Does not blister or remove the hair. Will tell you more if you write. \$2.00 per bottle, delivered. Book 4-C free.

**ABSORBINE, JR.,** for mankling, \$1.00 bottle. Cures Varicose Veins, Varicose, Hydrone, Ruptured Muscles or Ligaments, Enlarged Glands, Allays Pain. Genuine mfd. only by

W. F. Young, P. D. F., 400 North St., Springfield, Mass.

## The "STAY THERE"

Aluminum Ear Markers are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address

**WILCOX & HARVEY MFG. CO.,**  
167 Lake St., Chicago, Ill.

## Beery Bit Controls

any horse, any time, any place, sure. Your dealer should have them. If not write me for my trial offer.

**PROF. J. A. BEERY**  
PLEASANT HILL, OHIO.

## A. S. ALEXANDER, V. S.

MADISON, WIS.

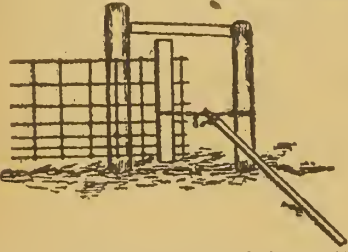
Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN Advice and prescription by mail, \$1.00.



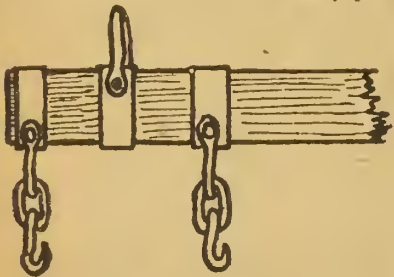
### HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.

Three cornered patches of land are frequently made by railroads crossing farms and fields of this shape are rather unhandy to plow or work with any field implement. One of our subscribers tells his plan of procedure when such a plot is to be plowed with a stirring plow. He plows around the field, but in place of plowing out to the point of the triangle where the freshly plowed land must be tramped considerably if the point is finished; he throws the plow out of the ground far enough from the point to allow the turn to be made on the unplowed land. This leaves a strip eight or ten feet wide the full length of the field when the stubble is all turned. Now the strip can be plowed and all the turning must be done at the extreme ends of the strip.

"In stretching woven wire fence I find a splendid stretcher in the enclosed sketch," writes J. W. B., Hurdland, Mo. "Five or six feet from the end of the corner or end post I set a temporary post as an anchor for the stretcher. A brace is placed between the tops of these two posts as shown which completes the anchor. A clamp made of hard wood 2x4's is bolted on the end of the woven fence and the stretcher proper, the end construction of which is



shown in detail, is hooked in position. The chain from the anchor is hooked into the lone hook on one side of the stretcher and the chain from the fence clamp hooks into one of the two on the opposite side. The lever for the stretcher is about ten feet long and of sound timber, as one cannot afford to risk a break at this point. The lever is worked back and forth and the pair of hooks are alternately fastened in the chain from the clamp until the fence is taut." A blacksmith can make the necessary parts



of this stretcher and the bolts for the clamp can be purchased and that part made at home. It is much handier to have a stretcher of your own than to have to depend on borrowing and then never know when one may be secured, as other people usually want to stretch fence just when you do.

On all sides buyers of swine for breeding purposes are crying for more bone, larger frames and more growthy individuals. The demand is significant. It means that the majority of farmers and breeders have not yet learned the secret of feeding their herds the proper kind and amount of feeds that tend to produce large, growthy frames in the hogs.

**FARMERS HANDY WAGON**

Low steel wheels, wide tires, make loading and handling easier. We furnish Steel Wheels to fit any axle, to carry any load. Straight or staggered spokes. Catalogue free.

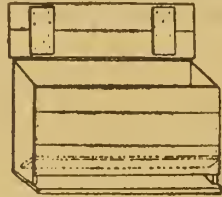
EMPIRE MFG. CO., Box 103 F Quincy, Ill.

**SCALES**

U.S. STANDARD  
FREE CATALOG

ALL STYLES—LOWEST PRICES—  
AMERICAN SCALE CO.  
206 NEW ENGLAND BLDG., KANSAS CITY, MO.

It is a well-known fact that the cheapest feeds in the corn belt are those suited to the growing needs of the animal. Corn will never produce bone when fed in itself, for the simple reason that it does not contain a very large per cent of mineral matter. Some of the other grains are much better fitted in this respect for bone-making and a great many farmers are feeding liberally of oats, wheat, rye and barley. Here and there we find some man who is a firm believer in keeping a good supply of coal, ashes, slack, charcoal, and any other kind of material which contains a large portion of mineral matter on hand. It invariably follows that where this kind of food has been kept before a herd for a good many years they are, as a whole, strong-limbed and large of bone. One breeder whom we know of practices the feeding of a mixture of salt and slack. He is situated near a coal mine where he can procure the slack easily. He feeds the mixture from a feeder, a sketch of which we show. The box part of the feeder is of sufficient size to hold several bushels of the mixture. There is a false bottom to the box which slopes from the front to the rear and allows the salt and slack to feed down through a space two inches wide between the box and the rear end of the false bottom. The salt and slack work out on the bottom proper where the hogs gain access to it. One would be surprised to know how regularly each one of the herd comes to the box. On several occasions the box has gone empty for a day or two. On refilling every member of the bunch was as anxious to get at the mixture as could be imagined. Some swine growers on account of their location in a country where lime-



stone occurs in abundance may not need to supply mineral matter to the extent that is necessary on soils of a different nature. Cob and bone charcoal are standard forms of mineral feed in many of the best herds in the country. They should not be burned too hard, but rather charred, or the result will be ashes rather than charcoal.

From one of our Illinois subscribers comes an idea in the form of an electric light for writing desks and secretaries. An ordinary electric light globe of six-candle power is hung over the desk and it is connected with a seven-jar dry battery which is located in some part of the desk. The whole outfit complete costs \$1.75 and it furnishes a very nice light and it is always ready for use. The writer did not state how often the jars needed to be renewed. However, it is likely that if the light is not used too much of the time it would not be very expensive. A desk with such a complement, along with a desk phone, should certainly make the work of writing letters and answering inquiries a delight to any farmer.

#### Destroying Hog Lice.

To the Editor of The Homestead:

I would like to give my experience in dipping hogs for lice. I do not agree with your correspondent who thinks dipping will not kill lice.

Last spring my hogs did not seem to be doing well, so I proceeded to look for the cause, and discovered that they were covered with lice. The next thing was to get rid of them. I priced the dipping tanks and found the price so high that I hardly thought it would pay me to buy a tank for such a small herd of hogs. I therefore dug a hole in the ground large enough to immerse a large hog, and plastered with cement, just as you would a cistern, plastering right on the ground. One sack of cement will make a vat large enough to dip a 300-pound hog. After it sets two hours, whitewash with pure cement and it will not leak a drop. Use one part of cement and three of sand.

Two dippings ten days apart freed my hogs from lice. The balance of the summer we dipped once a month and my shoats have done extra well. Dip in cold weather if hogs have lice.

Just before breeding time I bought a thoroughbred boar at a good long price. When I got him home I found that he was covered with lice. I warmed the water enough to take the chill off, then run him through the vat twice and he was rid of every louse. Of course you must keep the animals out of the wind until they are dry. If



### THIS SCALE IS PERSONALLY GUARANTEED BY ME.



### Here's My Hand on It

After more than forty years experience as a scale-builder I am now able to offer you a five ton bridge trussed steel lever scale with platform 14 feet x 8 feet and a solid brass compound beam and beam box for \$45.00 delivered to your station. All sizes from a postal to a track scale at an equally low price. All scales sold on trial.

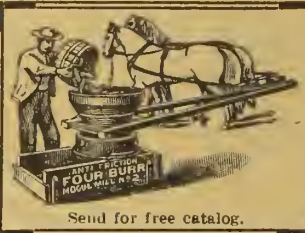
Write me for full particulars of this offer.

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### THE OLD RELIABLE Anti-Friction Four Burr Mills.

DOUBLE THE CAPACITY OF OTHER MILLS. TWO-HORSE mill has 25 ft. Grinding burrs all grinding at once and grinds from 25 to 50 bu. per hour. Four-horse mill has 30 ft. of grinding burrs and grinds from 60 to 80 bu. per hour.

30,000 Bu. With One Set of Burrs. I have used a Mogul No. 1 mill for seven years and it has ground with one set of burrs more than 30,000 bu. of corn and the burrs are still in good condition. F. F. Craig, Mt. Carroll, Ill.

Absolutely no friction or gearing. Will earn cost price in three days. The largest ears of corn to these mills are like pop corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our Famous Iowa No. 2 for \$12.50. Bovee Grinder & Furnace Works, Waterloo, Ia.

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ing goods of all kinds roofing, etc. Reference, Merchants - Laclede National Bank. Satisfaction guaranteed or your money refunded. Write to-day for complete catalogue and prices.

ST. LOUIS WRECKING & SUPPLY CO., 3867 MANCHESTER AVE., ST. LOUIS.

you do this there will be no danger of their catching cold. I think there is no necessity for dipping in cold weather if hogs are free from lice in the fall. Change their bedding once a week and disinfect their sleeping quarters and lice will not be very plentiful by spring. I do not think dip hurts the hearing, or the eyes. I do think it is the best thing for little pigs that have cankered mouth. It will not hurt a week old pig to dip him.

M. C. Freestone.

Lice on hogs, in order to perpetuate their posterity, deposit their eggs or nits on the hairs of the animal. It is an easy matter to destroy the lice, but unless the vitality of the nits is destroyed in due time they will hatch out another lot of lice.

A solution of crude carbolic acid and machine oil, in the proportion of one part acid to seven parts oil, will, if applied to all parts of the animal's body, effectually exterminate both lice and nits at the same time. We have bred and fed hogs on our farm for thirty years. During that time have had only one lot of lousy hogs. We selected our breeding sows out of the herd and put them by themselves and fattened the remaining ones for the market. Upon inquiry I found that the remedy above referred to had been successfully used by other parties on their hogs. We used it on our breeding stock and it did the work thoroughly, and since that time we have never had lice on the farm unless it was brought there by some other animal.

We scrutinize every hog we purchase to see if there are any lice, and if there are, we just make an application. It is not necessary to soak the hog in the solution, but just apply enough to wet all parts of the animal from the end of his nose to the tip of his tail. Be sure to apply it to the inside of the ear as well as the outside. We applied it with brushes and rags, rubbing it in thoroughly. In the winter time it would be well to keep the mixture a little warm when applying it. Acid will not freeze, but the oil will if not warmed.

Crude carbolic acid is a great disinfectant around buildings where live stock is kept. In mixing large quantities for a disinfectant we dilute the acid with water, it being cheaper than oil. In a short time it will be ready to use by stirring it up. Carbolic acid is not dear in price. It can be obtained in most any quantity at the drug store. If any of your subscribers who have lousy hogs doubt the efficiency of the remedy given above they can procure a small amount and test it. While it is itself a poison, but not to the extent that it requires a label from the druggist, yet it is better not to administer it internally.

Should some of the mixture get on the hands a little soap and washing powder will remove it. I have used it for years and have never had any trouble as a result of its use. C. H. Fairall.

Cedar county, Iowa.

Those who oppose cooling the eggs in the incubator, have never explained the effect upon the eggs under the hen, which are at times exposed for an hour while she is off the nest eating, drinking and dusting herself.

Dressing poultry is an art. If neatly dressed, poultry sells quickly.

### 15 YEARS OF ECZEMA

Terrible Itching Prevented Sleep--Tore Bandages Away to Scratch--Got No Permanent Relief Until

### CUTICURA CURED IN 6 DAYS

"I had eczema nearly fifteen years. The affected parts were my hands, arms, and legs. They were always itchy, and I could not keep from scratching them. I had to keep both hands bandaged all the time, and at times I would have to tear everything off my hands to scratch the skin. I could not rest or sleep. I had several physicians treat me, but they could not give me a permanent cure, nor even could they stop the itching. After using the Cuticura Soap, one box Cuticura Ointment, and two bottles Cuticura Resolvent for about six days the itching had ceased, and now the sores have disappeared, and I never felt better in my life than I do now. Edward Worell, Band 30th U. S. Infantry, Fort Crook, Nebraska."

#### A Cyclopedia of Agriculture,

There has recently come from the press of the MacMillan Company the first volume of Bailey's "Cyclopedia of American Agriculture." It is a work of between 600 and 700 pages and is a compendium of the principal current facts and opinions relating to farm affairs. Prof. L. H. Bailey, editor-in-chief, has been a liberal contributor to this volume, though he has been assisted by several hundred recognized experts.

This volume is the first of a series that will be prepared by Professor Bailey, and it deals with the agronomy division of agriculture, it being the intention to discuss live stock questions in future volumes.

Nearly every page of this cyclopedia is illustrated, there being something like 100 full page half-tone prints. It is printed on good paper, the type is attractive, and we have no hesitation in saying that the book would make a splendid addition to any farm library in the great central West.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must in variably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

MAKE YOUR FORTUNE NOW raising Barred Plymouth Rocks of the prolific strain. Females, \$2.50, males \$5.00, worth double, sent C. O. D. without a deposit; no risk of refusal when you see them. Eggs, this season only, best pens, 13 for \$1.25; 28 for \$2.00. Farms in eight states; low express charges everywhere. Catalog free. Geo. Phillips, 7631 Coles Ave., Chicago, Ill.

BARRED Plymouth Rock eggs. Also a few extra cockerels, left. Finest flock of large, big boned, blocky, high scoring, 200 egg per year producing hens. Low prices. Write me. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

WYSONG'S BARRED ROCKS are finer than all, none better. Booking orders for eggs, \$3 per 15; \$5 per 30. Satisfaction guaranteed. O. B. Wyson, Cashier Bank of Fithian, Fithian, Ill.

BARRED ROCKS exclusively, choice stock, farm range. Fifteen eggs, \$1.00; 50, \$2.50; 100, \$4.00. Safe delivery and satisfaction guaranteed. Adam A. Weil, Clay Center, Neb.

KENNEDY'S Barred Rocks. Eggs for hatching, \$1.00 per sitting; \$4.00 per hundred. From extra good layers. No culls shipped. Write J. S. Kennedy, Blackton, Iowa.

BUFF PLYMOUTH ROCK eggs from scored stock, shipped with care, guaranteed to hatch; per 15, \$1.50; 30 for \$2.50. Kelley Poultry Farm, Altona, Iowa.

BARRED Plymouth Rocks exclusively. Twelve years a breeder. Eggs, 15, \$1.00; 30, \$1.75. Large deep barred birds, good layers. D. E. Donahy, Newton, Iowa.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 30c per doz. Mrs. John Holmgren, Gilmore City, Ia.

EGGS from my prize matings of Fishel White Rocks, after April 25th, \$1.25 per 15; \$2.00 per 30. First come, first served. E. H. Holtway, Lytton, Ia.

DO YOU WANT EGGS from large, pure bred Barred Rocks at \$3.00 per hundred any time this season? Address, Emma Swargart, Ellsworth, Ia.

BARRED and Buff Rocks, Hawkins, Thompson and Bradley Bros. strain. Eggs, \$1.00 for 15; \$5.00 per 100. Mrs. W. R. Cremer, Reinbeck, Iowa.

EGGS from prize-winning Barred, Buff and White Plymouth Rocks. 15 eggs, one dollar; 45 eggs, two dollars. A. Matthews, Mt. Union, Iowa.

EGGS—Barred Rocks, 15, \$1.00; 30, \$1.75; 100, \$5.00. E. C. Rhode Island Reds, 15, \$1.50; 30, \$2.75; 100, \$6.50. Harry Finn, Emmetsburg, Iowa.

BARRED Plymouth Rocks/farm raised. Eggs, \$1.00 for 15; \$2.00 for 30; \$3.50 for 100. Anthony O'Connell, Toronto, Iowa.

WHITE ROCKS, Fishel strain, high scoring farm range 15 eggs, \$1.00; 30, \$1.75; 100, \$4.00. D. W. French, Ogden, Iowa.

BUFF PLYMOUTH ROCK eggs, \$1.00 for 15. Pekin duck eggs, \$1.00 for 12. Mrs. J. W. Martin, Mason City, Illinois.

WHITE Plymouth Rock eggs for hatching, \$1.25 per sitting. Charles B. Harriman, Hampton, Iowa.

ROCKS—The barred, the kind. We got 'em. Eggs \$1 for 15. John Crowder, Panama, Iowa.

BARRED Plymouth Rock eggs, \$1.00 per 15; \$4.00 per 100. Mrs. L. L. Sagle, Memphis, Ind.

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## LEGHORNS.

BROWN LEGHORNS, Single or Rose Comb, eggs. Also a few Rose Comb cockerels left. Finest flock of heavy layers, excellent 225 eggs per year. High scoring. Prices low. Mrs. A. A. Berry, Box 26, Clarinda, Iowa.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York prize winners. 28, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

ROSE Comb Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. H. M. Johnson, Formosa, Kan.

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ROSE Comb Brown Leghorns, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 30, \$1.00. E. B. Sinn, Route 3, Brighton, Iowa.

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## RHODE ISLAND REDS.

RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White, Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javas. Hardy, prolific, farm bred, pure stock. For birds, moderate prices or "eggs to hatch" at 10c each, write Walter Sherman, Edgewood, Newport, R. I.

RHODE ISLAND REDS, both combs, seven hens one rooster for fifteen dollars. Eggs, \$1.00 for fifteen. G. Weiser, Humboldt, Iowa.

SINGLE Comb Rhode Island Reds exclusively. Eggs sold under good hatch guarantee. Address, H. F. Bolton, 5, DeWitt, Ia.

SINGLE Comb REDS exclusively; eggs from prize-winners \$1.00 and \$1.50 per 15. Hites Bros., Route 3, Beacon, Iowa.

GRAND Rose Comb Reds. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## BLACK SPANISH.

WHITE FACE Black Spanish, handsome, intelligent and good layers. Males for sale from \$1.00 to \$3.00 each. Eggs from 50c to \$1.50 per dozen. Mrs. Hattie Tyler, Fairview, Kan.

## LANGSHANS.

BLACK LANGSHAN EGGS from prize-winners and stock scoring 92 points. \$1.00 per 15; \$1.50 per 30. Mrs. M. A. Barnes, Leighton, Iowa.

FIFTEEN Black Langshan eggs, \$1.00; 100 for \$5.00, from fine large stock. Catalog free. Address, Margaret C. Daly, Anamosa, Iowa.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

FIFTEEN EGGS from prize-winning Black Langshans, \$1.00. 100 for \$5.00. Cora Porter, Delhi, Iowa.

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SILVER LACED Wyandottes. Eggs for hatching, heavy layers, best strain obtainable. \$1.50 for 15. We ship in Eyrle egg boxes. B. H. Bacon, Elroy, Wisconsin.

WHITE WYANDOTTIE EGGS, \$1.00 per 15; \$1.50 per 30; \$4.00 per 100 from pen scoring 93 to 96. \$2.50 per 100 from range flock. Mrs. Ira J. McKinley, Melrose, Iowa.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

BIRD'S BUSINESS BREED, White Wyandotte winners. Eggs, \$1.00, \$3.00 per 15; \$5.00 per 100. Folder free. Write Maple Dell Farm, Route 4, Lee, Ill.

EGGS—From choice snow White Wyandottes. My pens have been selected with care. Birds good shape; sitting 15, \$1.00. W. M. Jackson, Bedford, Ia.

SILVER LACED Wyandotte eggs, one dollar for 25, three dollars per 100. Farm range. Miss Julia Driscoll, Plainfield, Iowa.

EGGS—Partridge Wyandottes, \$1.25, 15. 12 other kinds. Circular free. A. Arends, Bialsburg, Iowa.

## MINORCAS.

ROSE Comb MINORCAS—They lay twenty dozen eggs a year. Eggs for hatching from prize stock. Illustrated circular free. G. A. Clark, Seymour, Indiana.

EGGS FOR HATCHING from best Single Comb Black Minorcas, \$1.50 per fifteen. F. A. Butterfield, Olds, Iowa.

S. C. BLACK MINORCAS—Non-sitters, best of layers \$1.50 eggs, \$1.50. Geo. A. Blackburn, Dunbarton, Wis.

## ORPINGTONS.

S. C. BUFF ORPINGTON eggs, \$1.00, \$1.50 and \$3.00 per 15. Cook's, Wright's, Estes' and other stock. Best. Eggs guaranteed. Dr. Henry, Parsons, Iowa.

GRAND Single Comb Buffs; earth's greatest layers. Eggs. Ben Russell, Lamoni, Iowa.

## TURKEYS.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

BUFF TURKEY EGGS—Mrs. R. E. Thompson, Allison, Iowa.

## BRAHMAS.

HIGH-SCORING Light Brahmas—Eggs, 30, \$1.25; 100, \$3.75. Mrs. A. J. Applegate, Gilmore City, Iowa.

LIGHT BRAHMA eggs, choice matings, \$2.00 sitting; 3 for \$5.00. Phillip Thorwalt, Genoa, Ill.

## MISCELLANEOUS POULTRY.

BLUE RIBBON Poultry Club won this winter 40 first premiums on Barred and White Rocks, Golden, Buff, White and Columbian Wyandottes, R. C. Rhode Island Reds, R. C. Brown Leghorns, Buff Orpingtons, Black Langshans, Golden, Silver, Sebright and Black Tail Japanese bantams, Bronze turkeys, Rouen ducks. Stock for sale. Eggs in season. Catalog free. W. I. Carpenter, (secretary), Clarinda, Iowa.

STRONG, healthy poultry, white meat, strong bone, early layers, lots of eggs. The best poultry and chick food is killed dried, carefully milled out groats. We make it. Send us \$2.50 for a trial 100 lb. sack. Shipment day order is received. It will keep. Satisfaction guaranteed. Riverside Pooled Oats Co., Riverside, Iowa.

EGGS for hatching. Rose Comb Black Minorcas, Brown Leghorns, 1st prize Carroll, 1907; guaranteed fertile, \$1.25 per sitting; two, \$2.25; three, \$3.00; six other varieties. Oak Brush Poultry Farm, Templeton, Iowa.

SINGLE Comb White Leghorn, Single Comb Black Minorca, Barred Rock eggs, 30 for \$2.00. Toulouse geese eggs 20c each. Rouen duck eggs, 22 for \$2.00. Address, Geo. Moeller, Evely, Iowa.

ORPINGTONS, Rhode Island Reds, Partridge Wyandottes and 20 other varieties, each on separate farm. Eggs, \$8.00 per 100, \$1.00 for 13. Catalog free. Harris Poultry Co., Clay Center, Neb.

SINGLE Comb Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92 1/2 to 94 1/2 points. Eggs for hatching, 75 cents for 15, 100 for \$3.00. Mrs. William Hudson, Lohrville, Iowa.

BOOKLET on turkey raising, 35c. Special price, 25c (silver). Free to customers. Special prices turkey, geese, duck and chicken eggs. Ideal Poultry Farm, Reedsburg, Wisconsin.

S. C. BLACK Orpingtons. Western champions. Eggs reduced for May, \$2.50. Silver Duck Wing, Rose Comb Buff Leghorns and Spanish, \$1.50. C. M. Thompson, Viroqua, Wis.

EGGS FROM high-class Silver Wyandottes and Pekin ducks. Genuine pure bred stock at extremely reasonable prices. Address, Doran's Poultry Farm, Hollandale, Wis.

MAMMOTH Bronze turkey eggs, 20c each. Black Langshan eggs, 15 for \$1.50; 30 for \$2.50. Special prices on incubator lots. Wm. W. McClelland, Clarinda, Iowa.

S. L. WYANDOTTES and S. C. Brown Leghorns. Eggs, 15, one dollar; 50, three dollars; 100, five dollars. Write, W. H. LeValley, Logan, Iowa.

EGGS—S. C. W., S. C. B. Leghorns, B. P. Rocks, Pekin ducks. 31 firsts 1907. Write for circular. Mrs. Sven Skeie, Story City, Iowa.

## PATENT ATTORNEYS.

WORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Referee, Homestead.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

PATENTS GUARANTEED under \$20,000 bond. Only bonded patent agency in the world. Free book and list of what to invent. Keystone Law and Patent Company, 1314 K, Arch St., Philadelphia, Pa.

## DOGS.

FEMALE COLLIE, 22 months old, good mother, soon in season. Pedigree; price \$9.00. Also bird dogs of highest quality. Write us. Wilson Bros., Columbus, Nebraska.

FOR SALE—Fine litter of Scotch Collies. T. T. Spicer, Ridgeway, Mo.

## HORSES.

THREE Black Percheron registered mares in foal for sale. E. P. Hall, Route 3, Weldon, Iowa.

## CATTLE.

FOUR POLLED DURHAM and Short-horn bulls for sale. Bargains when considering quality and breeding. Write for full particulars. Norman B. Westlake, Sycamore, Illinois.

## HORTICULTURE.

WHIPPOORWILL PEAS for sale. Write for samples and price. Jas. H. Hallock, Mt. Carmel, Illinois.

DAHLIAS—20, \$1.00, \$2.00 bbl, gladioli, \$1.00, 100. Catalog free. J. L. Moore, Northboro, Mass.

DAHLIAS—Twenty kinds, \$1.00. Catalog. H. Burt, Taunton, Mass.

## WANTED.

WANTED—Men to learn barber trade. Splendid pay after few weeks with us. Positions or locations to start business always on file. Special inducements this season. Wages Saturdays, tools given. Write nearest branch, Moler System of Colleges, Chicago, Ill., St. Louis, Mo., Kansas City, Mo., Dallas, Texas, Omaha, Neb.

## PIGS.

DURO PIGS at weaning, either sex \$7.00; pairs not akin \$12.00; trios \$16.00. Order now. Hilcrest Farm, Bryant Building, Kansas City, Mo.

## POEMS.

THE RIVER BEND and other poems, The Hussey. Sent to any address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

## GASOLINE ENGINES.

EIGHT Horse Power, Callahan Gasoline Engine cheap; guaranteed. L. Bendit, 1300, W. 11th St. Kansas City.

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NEW CHAMOIS cleans and polishes instantly, jewelry, gold, silver, nickel and different metals without powder or paste; sample 10c. Standard Publishing Co., 41 N. 6th, Philadelphia, Pa.

AGENTS—Sell automatic self-cleaning curry-comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

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I MUST SELL my real estate holdings to use the money elsewhere. 60 acres in Holt county, Neb., \$15.00. 160 acres best fruit, sweet potato and general crop land, Woodard county, Oklahoma improved, \$30.00. Any adjoining land priced much higher. Above prices spot cash only. C. J. Biddlecome, Akron, Iowa.

MISSOURI—The best corn and grass counties are Ford, Atchison, Pettis and Henry, and sell more farm products, as shown by state reports. Some fine stock ranches yet in Henry county at \$35 per acre. Write Bartholomew & Slack, Calloun, Missouri, for maps and full particulars.

TWO QUARTERS of perfectly smooth Kansas wheat land at \$12.50 per acre. Sixty-one bushels of wheat per acre raised 1906. In immediate vicinity. Bears investigation; owner needs money. O. H. Herbig, Oklahoma City, Oklahoma.

GOOD FARMING LAND—Ten to twenty dollars, Texas Panhandle, fine wheat belt; churches, schools, society. Great wonder. Write Knight & Blanton, Stratford, Sherman County, Texas.

IS THAT SOMEBODY YOU? Somebody gets a 480-acre farm, Steele County, N. D., for \$32 an acre. Purchaser is offered \$2,000 cash rent for 1907. Address, D. E. Bryson, Traer, Iowa.

COLORADO—For outings costing \$2.50 per week up, for health, farming or investment in farms, write, enclosing stamp to Colorado Intelligence Bureau, Box 126, Eaton, Colorado.

HOME, SWEET HOME. My experience while looking for one, why I located in Arkansas, get details, and you will follow. Send for description. J. T. Oswalt, Gravette, Ark.

HITCHCOCK and HAYES CO. Nebraska farm lands for sale or trade. State first letter if trade or buy; also give price of your property. A. P. Fredrickson, Thurman, Iowa.

251 ACRES, \$15,000 improvements, \$85 acre. Have other farms Lafayette county. Write for list. Tell what you want. Bouring, Larkin & Heath, Wellington, Mo.

IDAHO, MISSOURI, AND SOUTH DAKOTA, Ranches, farms, and lands, for sale cheap and on easy terms. Write for lists to R. F. Buller, Hailey, Idaho.

HEAP HOMES in Texas county, Mo. Fruit, dairy and stock farming the principal industries. South Missouri Land Exchange, Cahoon, Mo.

A BARGAIN If taken at once. 320 acres in eastern part of Dickey Co., North Dakota. For particulars address Box 105, Oakes, N. Dak.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

## REAL ESTATE.

WHY DO YOU GO to the extreme Northwest when you can buy the best kind of land in central Wisconsin much cheaper and be living in God's country under the Stars and Stripes, and be near the best markets, such as Chicago, Milwaukee, Minneapolis, St. Paul and Duluth? The land is the most fertile, water the purest and best, and the grazing grasses grown are unequaled in any part of the country. Think for yourself. This is the best opportunity in the United States today; the climate is delightful and conditions such that any man who will work will make big money. Write for lists of improved and unimproved farms stating what you desire. J. W. Gray, New Auburn, Wis.

STOCK RANCH FOR SALE—7,000 acres near Eureka, Nevada, patented; plenty of water, perpetual flow; controlling 20,000 acres contiguous pasturage; ranch now stocked with 1,000 head of cattle, many horses, etc. Property fenced and contains modern improvements, houses, barns, etc. Cutting 600 tons of hay. Broken health only came for sale. Price, \$50,000. For terms and particulars address the owner, Mrs. M. Wenzel, Eureka, Nevada.

480 ACRES—Thirty miles from Kansas City, Mo., in Johnson and Miami counties, Kansas. Best land, all smooth; stock and grain farm; all alfalfa land, sixty acres seeded, line improvements, \$85 per acre. 145 acres, well improved, adjoining town, \$85 per acre. 80 acres, fair improvements, one mile from town, \$45. For terms and description, address, W. E. Tisdale, Springhill, Kansas.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. In silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

BARGAIN HOME FARM—160 acres, good house, stable, grove and well; 135 acres wheat, second crop from '06; balance pasture. Farm all level and fenced, only two miles from county seat of Harper County, southern Kansas. Best wheat, corn and alfalfa in Kansas. Price, \$4,500, one third, low interest. Write Theo B. Marsh, Anthony, Kansas.

FOR SALE—480 acres prairie land, under fence, in Graham County, Kansas, three and one-half miles from good town, 155 acres plow land, balance rough, with excellent spring of running water; school house on land. Price, \$12.00 per acre, \$5.00 per acre cash, balance easy terms. Wm. Rush, Morland, Kansas.

FARM FOR SALE—To close an estate, 120 acres must be sold soon, located in Ford County, Illinois, center of corn belt; house, barn and cribs, deep well and wind mill. Price, \$120 per acre. No trades. Write today. W. J. Stone, Gibson City, Ill.

OKLAHOMA 25 CENTS—Oklahoma colored new state map and book describing soil, crops, rainfall, climate, church, school and social conditions, with free information mailed on receipt of 25 cents. James M. Powers, Lawton, Oklahoma.

\$720 BUYS 72 acres good land, 45 fenced and in cultivation. Water, fruit, house four rooms, outbuildings; everything in good repair; station, 1 1/2 miles, rural free delivery and telephone. Terms, Frank Pearce, Fredericktown, Mo.

SOUTHERN LANDS—Why not? Come to the Sunny South, fine climate, cheap lands, four crops yearly. Write for free booklet. Southern Land & Improvement Co., New Bern, North Carolina.

CHEAP LAND IN IOWA on easy terms. Half section half mile from Titonka, Iowa. Partly tiled, good level land; will split in small tracts. Investgate. Write, Herman Nelson, Titonka, Iowa.

A GOOD 80, 160, 240 and 320 acre farm for sale. Near Catholic church and schools. Fine improvements, best soil, easy terms, prices right; correspondence solicited. Julius Kunz, Wesley, Iowa.

IDEAL RANCH—1,600 acres, four miles from county seat; five-room house, horse barn, cattle sheds, granaries; fine artesian well. For particulars address, Chas. Turner, Leola, S. Dak.

PANHANDLE LANDS—The cheapest and best farm lands to be found anywhere. Will grow anything. Write us for particulars. Christopher Brothers, Miami, Texas.

HARPER COUNTY FARMS in the Wheat Belt of Kansas. Correspondence solicited. Robert Law, Real Estate farm loans, Anthony, Kansas.

FARM BARGAINS—180 acres, rented \$725 cash, \$87, 240 acres, Jouis Sioux City, 37. S. Sanders, N. W. Bank Bldg., Sioux City, Iowa.

IOWA 80 farms as good as Illinois \$125 kind. Send for booklet of prices. "Secor," Postmaster, Buffalo Center, Iowa.

A GOOD FARM FOR SALE—180 or 500 acres, three-quarters of a mile from depot. G. H. Watson, Barry, Illinois.

INFORMATION—All about sunny southeastern Oklahoma for stamp. J. L. Merritt, Tecumseh, Oklahoma.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## MISCELLANEOUS.

TYPEWRITERS—All makes, all prices. Large stock of 22 makes to select from; prices 1/4 to 1/2 manufacturer's prices. Slightly used and factory rebuilt machines our specialty; full guarantee. We ship on approval anywhere. Write for bargain list. B. P. Swanson Co., 222 Fifth Street, Des Moines, Iowa.

RAT PROOF Corn Crib Fixtures. Just patented. Only thing in America that "turns the rats out" and keeps them out. County rights for sale to farmers. Good farmer salesmen wanted. Full particulars free. Wm. Branch, Abingdon, Ill.

AYERS' CATARRH JELLY cures catarrh and deafness. Write today for 25c tube on approval. If benefited send the money. Ayres Chemical Co., Sidney, Ohio.

CREAM CREAM! Send us your next shipment that we may convince you that profits will be increased by shipping direct. Des Moines Creamery Co., Des Moines, Iowa.

PRINTING—Send 10 cents for samples of our work and catalog. We print anything from a card to a catalog. Journal Publishing Co., Annville, Pa.

COINS ARE VALUABLE—Look at dates. 1853 quarter worth \$4.00. Send for Coin Value Book P, ten cents. Geo. W. Elson, Springfield, N. Y.

COAL, \$2.00—Like anthracite, coke, gas, litter produced from peat swamps. J. Bordolillo, Kinseybridge N. Y. City.



## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## CROPS FOR NEXT WINTER'S FODDER.

The following communication has been received from a subscriber at Wayland, Iowa:

I keep fifty cows and my greatest difficulty is in getting enough good fodder for winter use. What would you advise me to sow this spring so as to have a good supply next winter? I have tried millet, but do not like it very well.

Where as many as fifty cows are kept it is doubtful if any venture would pay as well as the erection of a good silo and the filling of the same with good fodder corn. With this number of cows one might reasonably expect the silo to pay for itself the first year.

However, if this plan is not adopted good use might be made of some cane or sorghum fodder. This is usually seeded sometime in May or June and the seed bed should be well prepared. Use anywhere from seventy to 120 pounds of seed per acre. Of course seed has been somewhat high in price during the last few years and the tendency has been to economize a little, but on general principles the thicker the better as the cane then grows much finer in the stem and therefore makes a better fodder. Cane is usually cut with the mower and put into large shocks, afterwards being hauled to the feed yard when it is needed.

Some use might be made of a mixture composed of peas and oats—that is, Canadian peas. This mixture is generally seeded at the rate of three bushels per acre, using equal parts of each. The pea crop is a legume and if the mixture is cut when the grain is in the milk stage it furnishes a most nutritious and palatable fodder. It is true that the crop is not grown much in the corn belt, but those who have used it most extensively are enthusiastic over its value.

## Raising a Dairy Calf.

To the Editor of The Homestead:

The success in growing the calf, whether raised by hand or nursed by the dam, depends very much on the care it receives during the winter and spring. It must be well cared for during the first

winter, or no matter how well bred or how well it may be fed as a yearling or finished for market it will not reach its full possibilities. It is the mistakes of the first winter that are serious in handling any kind of young stock. I believe that grain can never be fed to better advantage and with greater profit than to the young stock on the farm from weaning time until grass becomes good the following spring. Not that they should be given all the grain they can eat right through, but that a reasonable amount is very beneficial while they are getting a start. When the calf is running with the cow I would commence feeding grain just before weaning, and with the hand-raised calf it has already commenced and should not be discontinued until it is a year old and on good substantial pasture.

If a calf is fed a little more than half of what it will eat up clean of oats and corn and given good clover hay, plenty of salt and pure water and sheltered from the cold, stormy weather, the animal will pay for it all and leave a good profit to the owner. The calf needs some muscle-forming food, and oats and bran are probably the cheapest foods for this purpose. However, some corn is required in severe cold weather to keep up heat. While the calf is simply being grown, not fattened, care should be taken in feeding. Feed in quantities that will come just a little short of satisfying their appetite. A common mistake made, even by some of our most expert dairymen, is feeding the young calf too lavishly during its early life. As a rule the up-to-date dairyman is a very ambitious individual, proud to raise anything in the line of fine stock, but sometimes his ambitions overcome his judgment and in mistaken kindness to the animal he feeds too heavily of rich and not easily digested foods. He may be conscious of the fact, yet he is ready to take the risk for the sake of out-classing his neighbor in raising something extra good. The result is that the animal becomes stunted and is almost worthless. Feed such as the steers or other fattening stock get is not such as the dairy calf should have. It is fattening food and the result is that the calf becomes excessively fat without sufficient muscular or bony development. If a farmer treats all his calves alike, steers and heifers, and gives them practically full feed, it is useless for him to expect profitable dairy cows out of them. In fact, it is my opinion that improper feeding has more to do with degeneracy of milking stock than any other one thing.

Waukesha Co., Wis. W. Stenson.

## Corn for the Silo.

To the Editor of The Homestead:

I have tried several kinds of corn in my silo; but have as yet failed to find a more satisfactory variety than Leaming. While sweet corn and ordinary field corn grown here can be used, I do not believe they will give as good results as some of the dent varieties, which will produce considerably more feed of both fodder and grain per acre. Get a good variety of corn—I mean one that has given good results in the locality in which you wish to grow it, one that will not only yield stalk and grain, but will fully mature before frost time.

The matter of maturity is very important, for no corn will give the best results in the silo when placed there before it has reached that stage. Green corn or that which is immature will invariably make unsatisfactory silage, and right here has been the mistake of many farmers in their first experience with the silo. They have used corn for filling before it had fairly matured and the kernels had not become glazed and well dented, consequently their silage has come out sour, as they term it. Do not



## THE OLD PAN WAY

50%

MORE CREAM



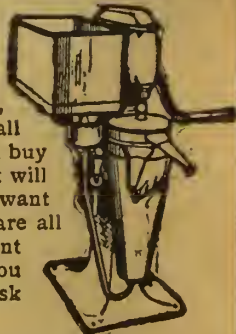
THE TUBULAR WAY

The old pan way of raising cream don't pay—it's too mussy and fussy—too much work for the women. And it don't pay in dollars and cents because you actually lose 50 per cent of the cream you ought to get. You can increase your cream product about 50 per cent over pan setting; 33 per cent over cans set in cold water; 25 per cent over patent creamers or dilution cans by using the

DON'T PAY

## SHARPLES TUBULAR SEPARATOR

Besides you can skim the milk immediately after milking—save the handling and the expense of storage. A good milk-house costs more than a Tubular and isn't half so profitable—even if you already have the milk-house it will pay in labor saved, in crocks and pans saved, and the increase in cream will be all clear profit. Of course, when you buy a separator, you want the one that will get you the most profit—you'll want the Tubular—the reasons why are all given in a book which you will want and which we want to send to you free if you will only write for it, ask for book H. 121



Mr. Mac Tuttle, Danville, Ill., says "The first week we used the Tubular we made a gain of 12 lbs. of butter from five cows."

THE SHARPLES SEPARATOR CO.,  
Toronto, Can. WEST CHESTER, PA. Chicago, Ill.

cut until the kernels have dented and it is about ready for the shock.

For removing the silage from the silo I have found a common four-tined manure fork a most convenient tool. The larger the fork and the closer together the tines the faster the work may be accomplished. It is important however, that the surface of the silage be left as nearly level as possible and the amount removed from time to time simply skimmed off the top to a depth of two or three inches each day. It is never best to thrust the fork down into the silage five or six inches, as though it were manure you were pitching. Simply take the top layer in as careful a manner as possible, not loosening up more than is taken out. In this way there will be considerably less waste either by molding or freezing.

In handling silage after it comes from the silo we like best a short-handled potato or beet fork. Such a fork has a number of tines set close together with the outside ones slightly raised in order to hold more and is a very convenient tool for feeding silage. The ends of the tines are not sharp, but have a slight enlargement making its use more like a shovel than a fork. Such a fork is light to handle and will hold not far from the right amount of silage for a single feed, but if more or less is desired it is as easily supplied. The first year we had our silo we used a bushel basket to handle the silage, but since trying the beet fork we have never returned to the old method. My silo chute is so arranged that the silage falls near the center of the feed way and the cow mangers all face inward. The feeding is thus very easily and quickly done, taking but a few minutes to feed the entire herd.

Cows should never be fed exclusively

on silage. They need some dry forage to go with it; besides, silage is a carbonaceous food and needs some more nitrogenous food to go with it to make a well balanced ration. About thirty, or at most forty pounds of silage a day is as much as should be fed to each cow. If the feeding commences immediately after filling the silo, and this is a good way to do, there will be no damaged silage at all. My way to feed the silage ration is in two feeds, night and morning, and it is better to feed after milking because the peculiar odor of the silage might affect the flavor of the milk. Cows, as well as other stock, have a wonderful liking for silage, and I believe much of the success in feeding it can be attributed to its palatability. They even prefer it, to a certain extent at least, to fresh-cut forage or good grass in the pasture. I have seen cows in June when on good pasture come to the gate at four o'clock in the afternoon and bellow to come to the barn and get silage, which they would eat greedily and with apparently great relish. There is no better and cheaper feed to supplement short pastures which we are almost sure to have every summer on account of drouth or other causes than good silage.

I know some of the most successful dairymen in the country who feed silage every day in the year, winter as well as summer. I believe the time is not far distant when a large portion of the feed consumed upon the average farm will be silage. When our people once realize its value, silos will be put up as fast as their means will admit. In each community some one will have to lead in demonstrating its value in the dairy barn, the sheep pen and the feed lot. Good dairymen have found that silos which will hold two hundred tons of silage can be built for \$300, and that with the grain, dry feed and pasture this will carry twenty cows through the year, giving thirty to forty pounds per day of silage. Alfalfa hay or clover should be a part of the ration to supply the protein. Silage and bran fed in the morning, following by a feed of clover or alfalfa hay with another feed of silage and bran in the evening, and with a feed of clover hay the last thing at night, is the feeding plan of many a successful dairyman.

Some of the most successful dairy farmers have adopted the plan of having their cows freshen in the fall from September to November. The advantage of this plan is that the best flow of milk is then secured during the winter when prices of butter and cream are higher than at any other time. Then again,

## Mica Axle Grease

lengthens the life of the wagon—saves horsepower, time and temper. Best lubricant in the world—contains powdered mica which forms a smooth, hard coating on axle, and reduces friction.

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on a Cream Separator direct from the factory at real wholesale factory prices. Save 20% to 50%. Our improved 1907 model with wonderful cone bowl is a skimming device not equalled. It will double your dairy profits while cutting labor in two. We want you to have our 1907 catalog. Send postal or letter for it to-day—now, for money saving catalog No. 118.

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—The Omega turns so easily:

—How it is the only separator with the bowl supported at both top and bottom;  
—How it delivers both milk and cream from the bottom of the bowl.  
—How the bowl drains itself;

## Just Try Omega An

—How you can stop the bowl instantly;  
—Why you can clean it and have it ready for work again in three minutes.  
—Why it lasts so long.  
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We ask you to take these statements as facts—which we want to prove to you. We believe a fair investigation will easily convince you that the Omega is, of all separators, the separator you want, because it will give you the best service.

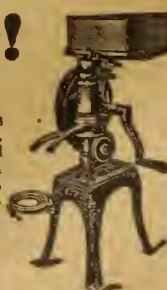
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35 Concord St.,

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if they be turned out to pasture in spring and early summer the fresh feed will increase the flow of milk for two or three months, then they may be dried off during the last half of July and during the period when pastures are bad and milk flow is naturally the smallest they will be resting from their labors. Skill in handling the dairy cow will add twenty per cent to her returns during the year.

J. P. Fletcher.

#### Brains in Dairying.

I happened at New Douglas, Illinois the day on which a special meeting of the dairy farmers had been called by a large milk shipper, who was desirous of getting more milk and was bidding a little higher price, as well as offering some special inducements to the farmers in the way of establishing a creamery and milk shipping station, providing they would guarantee him, at least, seven-eighths of all the milk produced in that vicinity and shipped from that station. The milk had formerly been going to another St. Louis concern, and the farmers feeling that they had an opportunity of getting a little better price for their milk, came out in numbers to attend the meeting.

I had been traveling through that section for several days, and pretty well understood some of the conditions that were holding those farmers down to an unprofitable basis, in production of milk, on the St. Louis market. I never visited a section where I found so many poor, dependent farmers. The universal opinion was that the only reason why they were not making money in the production of milk, was because the price was not high enough.

Now, I believe in selling milk, or any article of merit at the highest possible price, but those farmers were not getting the lowest price for their milk; the trouble with them was the manner in which they were trying to produce milk. While it is not always the case, it was a fact in this instance, that the milk shippers were really better to the farmers, in the price they were paying for the milk, than the farmers were to themselves, in the poor, unscientific manner in which they were conducting their work.

They were not trying to solve the problem of supplying milk in the winter months, when the price was high, but they would substantiate any statement that was made to the effect that they should produce milk in the summer, and let their cows go dry in the winter, simply because of the high cost of feed stuffs. These same farmers were letting their cows run out in the corn stalk fields during cold, bleak weather. One day the ground would be frozen, and the next day mud would be ankle deep, because being considerably farther south, the ground does not stay frozen hard all through the winter.

The barns in which their cows are kept are very poor buildings. If you were to ask one of them why he did not build a good barn, or a warm stable at least, he would tell you that lumber was too high and the price of milk too low; nevertheless they were producing some milk, and when I asked one of them, why he traveled two miles to deliver twenty odd pounds of milk, he could find no reasonable excuse for doing so.

That same man had enough cows on his farm that, had he been taking good care of them, had he been feeding them properly, he could have delivered at least four and possibly five cans of milk daily, of eight gallons each. He was feeding twelve to fourteen cows and they were all dry with the exception of three, and they were strippers. Just think of

this condition right in the middle of December when the milk shippers were bidding \$1.40 per cwt. f. o. b. the railroad station where the farmers delivered their milk. He had no milk to deliver, practically speaking, at the time when milk would bring a decent price. His cows were fresh on grass and stayed fresh for perhaps six months when the price of milk is usually at the lowest point of the year; then when he commenced stabling his cows, he housed them in poor stables, gave them awfully poor feed and worse still, he gave them practically no attention, and did not seem to realize the importance of even treating the cows kindly.

He was the most outspoken man at that meeting in condemning the milk shippers for giving such ridiculously low prices for milk. No wonder that man did not make milk at a profit. I believe it was the first time those farmers, as a class, had ever listened to anyone advocating warm stables, plenty of feed, kind treatment and good cows for a foundation to bring them success in producing milk, instead of continually harping on the price of milk as the only means of success.

From New Douglas I traveled to Shipman, Illinois, not far distant on the Chicago & Alton road. Here I found a progressive lot of farmers who for several years had been shipping practically as much milk in the month of December as when their cows were on grass. I found that these farmers were feeding their cows plenty of good milk-producing feeds, in the belief that to get results out of them they had to feed results into them. They were better dairymen and were imbued with the idea of dairying every month in the year. I visited the farm of Mr. Herman Shultz, who was milking twenty-two cows, most of them either very high-grade or pure-bred Holstein-Friesians. He was shipping between eight and nine cans of milk per day, each can containing eight gallons, and his milk check for the month of November was \$316.

He was feeding a ration of hominy feed, dried brewers' grain with shredded corn fodder and clover hay for roughage; he was also giving them an occasional mess of corn on the cob, sliced up. I asked him how many pounds of feed he fed daily and he told me that he let the cow take care of that; only in a general way did he limit the amount of feed—that he gave them all they would eat up clean with a relish. A cow that was about dry he did not aim to give quite a full feed, but any cow that was milking was getting all the feed that she wanted, which largely accounted for the good flow of milk that his cows were giving.—J. W. Anderson, before an Illinois Farmers' Institute.

#### Cod Liver Oil for Calves.

To the Editor of The Homestead:

Experiments have recently been made in Wisconsin in the use of cod liver oil for calves as a substitute for whole milk in rearing which tend to confirm the results hitherto obtained, namely, that calves to which whole milk is fed do the best, although the system of feeding cod liver oil is decidedly the more economical.

The calves were given whole milk for the first six weeks of their existence. They were then divided into two lots. One lot was given the same food as before, namely, whole milk; the other being given an increasing quantity of separated milk and cod liver oil, while the whole milk was discontinued. At the latter period the oil which was supplied reached a weight of two ounces per day

per animal, and the separated milk amounted to ten pints, which was increased to twelve pints a month later, without any extra oil, though the other lot had the same quantity of whole milk as before.

Without going fully into details, the whole milk was valued at sixteen cents per gallon; therefore the daily cost of each of the calves works out about twenty-four cents when the maximum allowance of milk was given. If the separated milk is valued at four cents per gallon, the milk for the calves fed with it would be six cents per head per day, to which has to be added the cost of the cod liver oil, bringing it up to nine cents per day. The difference in the value of the calves was considerably in favor of the cod-liver-oil-fed ones, after the cost of the feeding material was taken into account. It is very rightly pointed out by the experimentalist that the amount of fat present in the whole milk (one and one-half gallons) and in the same quantity of separated milk, plus, in the latter case, two ounces of cod liver oil, was about the same. It therefore follows that the cod-liver-oil calves might continue to get their two ounces of oil daily for about four months, the period during which the other lot received whole milk. Then if we assume that whole milk contains three per cent of butter fat, in one and one-half gallons a calf gets something like seven and two-fifths ounces of fat daily, which is really four times the amount of fat supplied to a calf getting one and one-half gallons of separated milk and two ounces of cod liver oil.

In order to determine, if possible, whether the oil might, with advantage, be continued after weaning to those calves that were accustomed to it, a further experiment was conducted which went to prove that the oil could be so given and that the animals to which it was given rapidly increased in weight until they slightly exceeded those to which whole milk alone had been given through the same period.

Waukesha Co., Wis. W. Stenson.

#### AN INTERESTING STORY.

Mr. J. R. Naylor, a practical Illinois farmer, some years ago began to wonder why an improvement could not be made on the harrows that are used on farms. He gave the problem much study and now has invented a harrow which he believes is the best implement of its kind for the preparation of a thorough seed bed. He calls his harrow the Two-In-One Harrow, for the reason that it does both the work of a spring-tooth harrow and a spike-tooth harrow. It can be seen at

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Write in a description of your old machine—name, size, serial number, and date purchased—or else see the nearest DE LAVAL agent about it.

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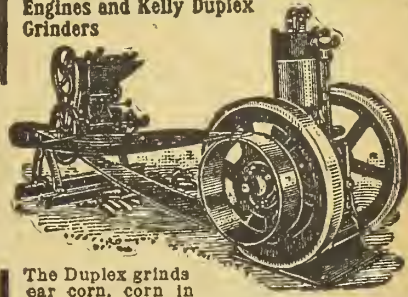
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once that this feature should give this Two-In-One Harrow decided advantages. Mr. Naylor wishes you to see what he says about his harrow on page 10. As he is anxious to introduce this farm implement at once into every good farming community he is making special prices, which will be sent to anyone addressing him as J. R. Naylor, 14 Spring Ave., LaGrange, Ill.

#### CHEAP RATES TO THE PACIFIC COAST.

Commencing March 1st and continuing until April 30th the Iowa Central Railway will have on sale reduced one-way tickets to Arizona, California, Oregon, Washington, British Columbia, Utah, Montana, Idaho and Old Mexico. Rates \$15 below regular fare. On Wednesdays through tourist cars to Los Angeles and San Francisco are run via Kansas City and the popular Santa Fe System. Call on agents for particulars, or address A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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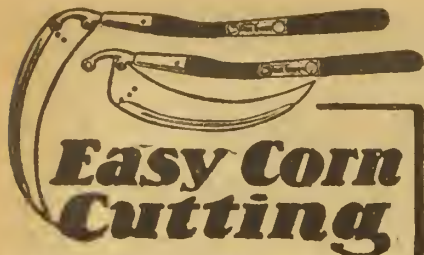
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The Counties in which my corn was planted last year by the experiment station and the record was:

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G. GREGORY, - - - RALSTON, IOWA  
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FROM stock that won the \$2,000 Burg wagon. 300 bushels Reid's Yellow Dent home grown and shelled, \$2.00 per bushel in ear, or \$1.75 shelled. Satisfaction guaranteed. "Twenty years' experience."

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## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### FROST PROTECTION.

It has been found in the past that a very early spring entails unusual danger from late frosts. When orchards and berry fields are of limited extent, it is possible and wise, to adopt protective measures. If your work proves to be needless well and good. Pile near where the protection is desired, usually on the north and west of the fruit, a few loads of litter, rotten straw, old hay, manure, corn stalks, or any thing that will make a smoldering fire, and much smoke. Have on hand a barrel of coal tar or crude petroleum.

After a few showery days, is likely to come the rub. If the mercury at sundown, stands at thirty, it is likely to drop eight or ten lower before morning. That means a damaging frost. The wind should be right to carry the smoke over the orchard. You may need to move some of your fuel. Sprinkle the piles liberally with coal tar. Then about one or two o'clock fire them. Watch and keep them active, but smothered until sunrise. The smoke drifting over the endangered fruit will keep the air above the freezing point. A few hours' of active vigilance has often saved a crop worth hundreds of dollars. If the frost is severe you may be only partially successful, but a half loaf is better than none.

### THINNING FRUIT.

Nature makes liberal plans, and allows a wide margin for possibilities of loss. She always aims to have enough, and something to spare. Hence if weather conditions are all favorable, our fruit trees are often over-burdened. They are in the unfortunate condition of the man who has taken that which he cannot complete, and do good work without a loss. The tree has not vitality enough to perfect in size and quality its full load of fruit.

Man's intelligence is needed to aid the blind efforts of nature to do her best. He sees that each separate fruit must have light and space, so he removes a third or even a half of it, throwing out the poorer specimens.

The result is that at harvest time he has perfect fruit of large size, giving a greater measured yield than if the whole crop had been allowed to remain.

And the money value is even proportionately greater, because the quality insures a higher price.

When the young apples are a third grown, the size of plums, set the boys to thin them out. It will be labor wisely directed.

Plums often needs the same treatment, but the work is more tedious than with the apple. One plum man's method is to clip out about a third of the bearing twigs, thus trimming the tree and thinning the fruit at the same time.

### OLIP THE FRUIT STEMS.

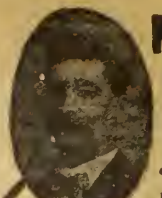
All but one leaf should be removed before setting the strawberry plant, and culture should begin at once. Never wait for the weeds to start. As the leaves develop in the course of two weeks, you will notice fruit stems appearing. Destroy them as you would snakes or skunks. They are enemies. Cut them promptly, even before the bloom opens, if possible. Why?

Because the effort to produce seed in any tree or plant is exhaustive. You must forestall the instinctive effort of nature to do her work, because the plant is not in a healthy, thrifty condition. To produce fruit is a heavy tax on the vitality of the plant. Your aim is to have the plant prepared for future usefulness. For every berry which you allow to develop and ripen the first season, you sacrifice a dozen or more in prospect for the second year.

### The Strawberry Plant.

To the Editor of The Homestead:

In June, 1906, I plowed down a clover sod for the potatoes. I top dressed it with a thin coat of manure and planted the potatoes early. The crop was dug as early as possible and the ground sowed to rye. This rye will be turned under this spring as soon as the soil becomes dry enough for strawberries. I believe this will give one about an ideal bed, but to make it a little better I will give it another coat



## My 2-in-1 Harrow Makes a Perfect Seed Bed in HALF THE TIME

BECAUSE it does the work of both a Spring Tooth and a Spike Tooth Harrow at one time and at one operation.

Because, you see, my harrow is BOTH HARROWS IN ONE.

If you have to go over your field four times now—you'll only have to go over it twice with my harrow.

If your ground is in such shape that you now go over it twice, then only once over will give you an even better seed bed when you use my harrow, and you can follow right along with a planter.

That means if it rains overnight you haven't got your work to do over again.

On newly broken sod you can work across the furrows (instead of with them) and not pull up a single sod or choke the teeth. You can prepare new ground with my harrow in 1/2 the time you can working the old way—using two harrows separately.

One lever instantly adjusts my harrow so you can use the spring teeth alone—or the spike teeth alone—or both together—or you can throw all the teeth up out of the way so that the frame will slide along the ground like a stone boat.

When a live farmer knows about my harrow he wants it. I can name, off-hand, twenty places near my farm in Cass Co., Mich., where you'll find good spring tooth and spike tooth harrows out in the barnyard with grass growing up around them.

The farmers have thrown them away and are using my harrow alone—and they're MAKING MONEY by doing it.

### HOW I CAME TO INVENT THE 2-IN-1 HARROW.

I always had the same trouble you've had in getting my ground ready.

It seemed like there ought to be some way around it. So my brother and I got busy one winter AND SOLVED THE PROBLEM.

This is the way we figured:

A spring tooth harrow wants to keep digging in all the time. That keeps the frame pressed hard on the ground and it's a tough pull on the horses. A spike tooth wants to keep jumping up all the time, you have to put some heft on the top to keep it down. The horses have to drag the heft as well as the harrow.

So we made a 2-in-1 harrow—spring and spike teeth together. That season we used it on our farm and it worked just as we figured it would. The spikes kept the springs from digging in too far, and the dig of the springs kept the spikes down to their work—and once over (except on extra bad ground) left a smooth, even, perfect seed bed.

That's why my 2-in-1 Harrow was easier on the horses than either a spring tooth or spike tooth alone and SAVED OVER HALF OUR TIME getting ready for planting.

The best proof of how really good my harrow is lies in the actual fact that every harrow I have sold has since sold from two to five more.

My Harrow is such a really wonderful thing and such a TIME and MONEY saver for the farmer that I expect each harrow I place will keep on selling others in the neighborhood. So I have decided to make a

**SPECIAL CONFIDENTIAL PRICE** to the first man in a locality who writes me—the confidential price will be AWAY DOWN, too.

Don't even consider buying a harrow till you get my confidential introduction price.

Write quick to  
**J. R. NAYLOR,**  
Naylor Mfg. Co. 145 Spring Av., LaGrange, Ill.  
(Not Incorporated.)

From Factory to Farm



## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16 W. W. VAN SANT & SONS Farragut, Iowa.

## EARLY SEED CORN

94 BUSHEL RATEKIN'S QUEEN OF NISHNA, Yellow, and EARLY BLOODY BUTCHER, Red. Mature in 80 days, 10 days ahead of Pride of North, and yield twice as much per acre. Grow especially for our Northern Seed Corn trade, but sent everywhere for late planting. Made yield of 94 bushels per acre here on our trial grounds last year. Price \$1.25 per bushel, sacks free. Ninety-six to 100% strong germination. Big Seed Corn Book free. Save this advertisement, as it will not appear again. Address, RATEKIN'S SEED HOUSE, SHENANDOAH, IOWA. (Largest Seed Corn Growers in the world.)

## SEED CORN

NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 218 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper. IOWA SEED CO., DES MOINES, IOWA.

## GRAIN FREEMAN BROS. & CO., HAY

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grain Seeds. Get our catalog. THE ADAMS SEED CO., Decorah, Iowa.

I prefer a cool, damp, still day for planting, but when I have so many to plant I do not stop for anything but rain. Those who have to buy their plants should never try to set them when the ground is dry and hot or the wind blowing strongly. Those who have plants of their own should leave them healed in and water them occasionally.

Where I grow the berries in matted rows I make them four feet apart; if in hills or single hedge rows I make them three feet apart and in double hedge rows, three and a half feet apart. For cultivating I use a fine-tooth cultivator, running twice in a row at first and later in the season only once in a row. I find the best cultivator is one with twelve teeth, and should be made to widen or narrow to suit the row. I start the cultivator about a week after the plants are set and continue as I think necessary until September.

I use a good steel garden rake for the first hoeings and after the runners start I use a hoe.

I firmly believe in mulching and my old bed was mulched with wheat straw early last fall before the ground was frozen. I find nothing better than wheat straw; the chaff and fine particles settle down around the plants and make perfect protection.

When I remove the straw in the spring

### HURST POTATO SPRAYER ON FREE TRIAL

None money in advance—Pay when convenient. Sprays Everything—Trees; Potatoes, Truck, etc. 4 rows at a time—20 acres a day. Doubles Your Crop—extra yield one acre will pay for its first season. A boy can operate. GUARANTEED 3 YEARS. Wholesale Price (where agent). After trial, if you keep it—pay when you can. Special FREE OFFER for first one in locality. "Spraying Guide" and full information. FREE. H. L. HURST MFG. CO., 56 South St. Canton, O.

## CLOVER

Medium Red, Mammoth and Alsike Clover; also Alfalfa, Timothy, Blue Grass, etc., of superior quality. It will pay you to buy early this year. Ask for prices and one of our large, illustrated catalogs of farm and garden seeds. Mention this paper.

IOWA SEED CO., Des Moines, Iowa.

AGENTS wanted to introduce Burbank's wonderful seedless plum—Miracle, and sell our well-known hardy nursery stock. Big pay. Best proposition offered salesmen. Oregon Nursery Co., Detroit, Michigan.

## SEED CORN

Frank Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

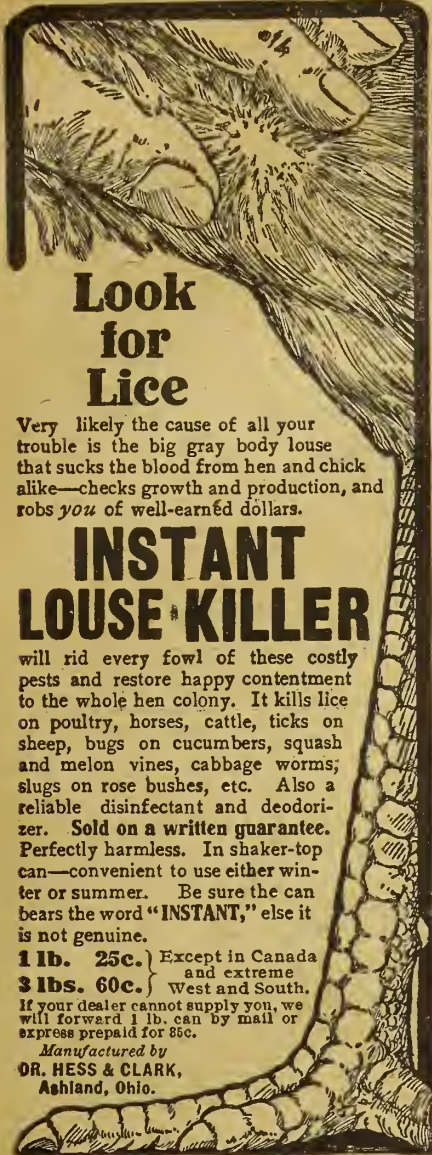
there is enough of the fine stuff left to keep the fruit out of the dirt.

W. Stenson.

Plant gooseberries in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. The English varieties especially do best in partial shade and should be heavily mulched.

To prevent mildew spray bushes soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur) one ounce to four gallons of water.





## Look for Lice

Very likely the cause of all your trouble is the big gray body louse that sucks the blood from hen and chick alike—checks growth and production, and robs you of well-earned dollars.

## INSTANT LOUSE KILLER

will rid every fowl of these costly pests and restore happy contentment to the whole hen colony. It kills lice on poultry, horses, cattle, ticks on sheep, bugs on cucumbers, squash and melon vines, cabbage worms; slugs on rose bushes, etc. Also a reliable disinfectant and deodorizer. Sold on a written guarantee. Perfectly harmless. In shaker-top can—convenient to use either winter or summer. Be sure the can bears the word "INSTANT," else it is not genuine.

**1 lb. 25c.** Except in Canada and extreme West and South.  
**3 lbs. 60c.** West and South.

If your dealer cannot supply you, we will forward 1 lb. can by mail or express prepaid for 85c.

Manufactured by  
**DR. HESS & CLARK,**  
 Ashland, Ohio.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### A FEW "GOOSE POINTERS."

"When the fattening season arrives," says an experienced goose farmer, "keep the geese shut away from bathing water, and feed barley meal, corn meal and beef scraps, chopped celery, and keep in a subdued light for three or four weeks, then let out for a couple of days to enjoy the use of a pond. Then return to their clean quarters, and feed on barley meal and milk, and chopped celery for two or three days, letting them go for twenty-four hours before killing, and you will have a goose fit for a king."

### Culling.

To the Editor of The Homestead:

According to Webster, culling means to separate, select, to pick out. The poultry raiser's culling should begin with the birds that are to furnish the eggs from which the future chicks are to come. First remove every bird that is not vigorous. Do this with absolutely no regard to the score or egg record of the individual. Only vigorous breeding stock will then remain. This healthy, vigorous flock should again be culled. The early hatched chicks are the ones that pay the big profits, and to them we must look for the breeders that will give the best results. No one can afford to breed from late hatched chicks or unmatured stock, for such stock will breed nothing but disappointment in the shape of weak, scrawny birds which are almost impossible to raise.

Select nothing but strong, healthy birds that have good, blocky shapes, legs, bills and eyes of the right color, from what ever variety you are raising. Discard all birds that have not made good growth and those that are inclined to be long on their legs. Long legs seem to be easier to get than most any other defect. Cling to the breeders which have this year proved their qualities. If properly mated, they will give you a nice, uniform lot of chicks of high quality.

In selecting breeders from your own youngsters, choose those that are wholly sound and that are known to be the offspring of good breeders. Save others that have showy qualities for the fancy trade, and assign the faulty ones to the fattening pens. Many a season's work has been a failure simply because of the mistakes in mating. The stock may have been good but not well mated, and the result, therefore, was a failure. To the beginner it may seem that by mating his highest scoring male with his highest scoring females he has made his best possible mating and can confidently look for good results in their progeny.

This may at times prove correct but not always; it depends upon circumstances. No bird is perfect, and of course has its faulty points as well as its good ones. Now to mate a male bird having a faulty comb with a like defect we must not expect the outcome to be good, for the offspring is apt to come with this defect magnified. We should not expect good results from mating a male and a female with the same defect, for we will get nothing but bad results. It requires but little thought for one to plainly see this and cause him or her to say that with such a male one must mate females having good combs if good results in that direction are to be expected. You may say by so doing that you will not always obtain good results or bad, but you will not always have bad chicks; you will receive many good birds. The eggs should be culled, and the chicks should be culled, if they need it. Cull out all that don't look or act right. Watch closely for a chance to cull again. Get the habit of culling. It would make a splendid fad, with an effect upon the poultry business that it will be safer for me to leave to your imagination than attempt to describe.

Polk county, Iowa.  
 Mrs. B. F. Wilcoxon.

### Turkey Raising.

To the Editor of The Homestead:

A subscriber, Mrs. Stepanec, sends the following query:

Will you give some information through the columns of your paper on the subject

of turkey raising? Tell us how to feed and care for them; what to feed, how often, how to keep them free from lice, what is the best grit, etc.

To fully answer this correspondent's questions would require several pages. Turkey raising is quite a science, and there have been many discouraging developments, especially in the eastern and middle states, where the disease called "blackhead" has almost destroyed the industry in many localities. In the central West, and on toward the setting sun, turkeys do well under favorable conditions. It requires unceasing care and vigilance to succeed in this industry, but those who are willing to give the needed care and attention, often realize good profits.

In regard to feeding, it is rather "how little," than "how much." Young poults require small rations. More are killed by over-feeding than under-feeding. Grit is a necessity of their nature, and it must be generally supplied. "Chick-size" in any sharp, limestone grit will answer. Hard-boiled eggs—in small amounts—and cottage cheese are greatly relished. The commercial chick-foods are good. No wet mash or sloppy food should be given little turkeys. A flock of turkey babies seems a hungry lot, but if you do not harden your heart and keep them on what may seem to you a starvation diet, you may as well give up all hope of success.

The lice question is also a puzzling one. The time to begin to fight this trouble is before they are hatched. Keep the mother turkey or chicken hen well dusted with good lice powder, and give her a most thorough dusting just after the hatch. Keep up the applications from time to time, dusting the poults occasionally. Many recommend grease. Grease is sure death to lice, it is true, but it is too apt to prove fatal also to the young birds. Faithful use of a reliable lice powder is the safest method.

Dampness is surely fatal to young turkeys. If you cannot plan some way by which you can keep the broods of poults confined until the grass is dry in the morning, also to keep them in a dry place during rainy weather, it will be of no use to try to raise turkeys at all. The mother turkey is not to be trusted. We once tried letting the old mothers take charge of their babies, and before it was fairly daylight, they would be off to the alfalfa fields, the wettest spot on the farm, and the poults would soon be as wet as if in a pouring rain. The absolute failure of that year taught an important lesson.

## Draw-Knives to Pocket-Knives

Axes or Hatchets—Bits or Chisels—Saws or Planes—Hammers or Screw-drivers—all tools—any tool—so long as you want the very best of its kind may be found among the famous

# KEEN KUTTER

### QUALITY TOOLS

There is no argument—no question—they are the best you can buy at any price. So it is with any other tools you can mention together with Forks, Rakes, Hoes, Shovels, Garden Trowels, Manure-hooks, Grass-shears. Any tool for shop, home or field.

"The Recollection of Quality Remains Long After the Price is Forgotten."  
 Trade Mark Registered.

If not at your dealer's write us.

**SIMMONS HARDWARE COMPANY,**  
 St. Louis and New York, U. S. A.



## Why So Sure?

It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.

## The Successful

is the nearest of all the out and out automatic machines, both incubator and brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls, incubator and poultry catalog FREE. Booklet "Proper Care and Feeding Small Chicks, Ducks & Turkeys," 10c. 50c poultry paper 1 year, 10c. Des Moines Incubator Co., Dept. 50, Des Moines, Ia.

## Old Trusty

### Incubators and Brooders

The really automatic incubator—start it and it runs itself. Regulator so perfect that you might throw away the thermometer, if you wanted to. Sold on

**40, 60 and 90 DAYS' TRIAL and 5 YEARS' GUARANTEE**

More sold in 1906 than any other make and every patron satisfied. You will be, too.

**SEND FOR FREE BOOK.**

Johnson's Chicken Book—bigger and better than ever. Full of common-sense chicken talk, 800 pictures. It will save you money. Write today sure.

**M. M. JOHNSON CO.,** Clay Center, Neb.

## Succeed with a Successful

Simple, self operating machines, sure of results. Take the least care and can be depended on for big hatches under all conditions.

### INCUBATORS AND BROODERS

with records, not experiments. Many thousand long-time users, all satisfied. Send to

**Des Moines Incubator Co.,**  
 Dept. 60 Des Moines, Iowa.

Incubator and Poultry Catalog FREE. Booklet, "Proper Care and Feeding Small Chicks," 10c. 50c poultry paper one year, 10c.

## CANE

THE MOST VALUABLE of all fodder plants for cattle and horses and of special value to dairy farmers. Send for descriptive circular and testimonials proving its value and telling how to grow and feed

It both green and dry. Cheapest of all feeds for winter use. Some farmers sow 50 to 100 acres every year and it produces immense crops. Sample and large, illustrated catalog of farm and garden seeds free if you mention this paper.

**IOWA SEED CO.,** Des Moines, Iowa.

## \$7.00

**Buy the Best 120-EGG Incubator**

freight prepaid, ever made.

Double cases all over: best copper tank, hot water; self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

**Belle City Incubator Co.,** Box 52, Racine, Wis.

poultry keeping comes in the endless small details that must be looked after. The aggregation of littles is well exemplified here. Time and patience and strength are often sorely taxed by the multiplication of duties that in themselves seem trivial.

Take, for example, the rearing of little chicks. The old-time methods, hoary with age, and still adhered to by a majority of poultryraisers, teach that the wee babies must be fed five or six times a day, just what they will eat up clean in a short time. Of course, when mash and wet food is given, this advice has some reason in it, but the newer method of dry feeding quite revolutionizes the matter. The commercial chick feeds are coming into such general use that it is easy to graduate from wearisome detail to common-sense ways.

By managing rightly in the start, little chicks may have food before them all the time, where it cannot be wasted or fouled. It is a well known fact that chicks must not be fed for thirty-six hours after hatching, as nature has provided them with food in the form of the egg yolk, absorbed just as the tiny bird enters into its new existence. Time must be given for this to digest, else digestive trouble with all its train of fatalities will be sure to follow.

For brooder chicks, when the time for food arrives, scatter grit freely about in the litter. In shallow boxes, put some of the chickfood, or your own formula of ground grains, placing these boxes where the chicks can find them and help themselves at their own sweet will. A very little experimenting will show that the chicks will not gorge themselves. They eat whenever they are hungry, and each one has an equal chance. A box of charcoal is a good thing. Grit must always be handy, and green food must not be forgotten. After they are ten days or two weeks old, a box of beef-scrap should also be at hand. The little fellows will balance their own rations and be as happy as clams while growing in a truly encouraging fashion.

When old enough to be let out on free range, the green food will not be so imperatively demanded. Their runs should

### The Value of Labor-Saving Methods.

To the Editor of The Homestead:

The old saying that "Time is Money," is true in many ways. Not only the saving of time, but of strength as well should be considered. The drudgery of



be so arranged that they can go in or out at will. It is a pretty sight to see two or three at a time run in and take a few pecks at the food, enough to satisfy their needs, then off again in search of seeds, tender grass blades, bugs and worms, others taking their places at the hoppers or boxes. As they grow older, something beside the small boxes, which sufficed when they were babies, must be provided. Troughs are quite satisfactory, if a covering can be provided to keep them dry in a rain storm.

Small things made out of good-sized boxes, containing the food and water, so arranged only the chicks can enter, are very satisfactory. These have the added advantage of furnishing shelter to the chicks when necessary.

By thus placing the food within reach, numberless steps are saved and many precious hours of time. What a relief to the farmer's wife amid the hurrying duties of the early morning, to know that the wee chicks are getting their own breakfast, and can wait happily and in comfort to be looked after when her convenient time comes along! And when the feed receptacles are filled for the day, and the water dishes supplied with fresh drinks, no more attention need be given till it is time to see that they are tucked away safely for the night. Of course, cleanliness must be assured, but with dry feed the droppings are dry and filth does not accumulate as with wet food.

Even with hens and their broods, this plan may be modified and made successful. When the first feed is given, put some whole corn in with the chick feed for the old hen, and let the chicks look after their own rations. The same kinds of food are necessary as with brooder chicks. Some may ask if it is necessary to have the box of beef-scrap when the chicks are on free range. Where there are a large number of fowls, the supply of insects may run short, and it is well to have the supplementary supply available. It has been proven by experiment that the hens and chicks will only eat what animal food they need if it is always at hand. If there are plenty of the worms and bugs, the beef-scrap will not receive much attention. As animal food has much to do with the sturdy growth and development of the chicks, it is not good economy to stint the supply.

After the hen and her brood run at large, feeding racks may be placed here and there for the chicks' food, keeping the larger fowls out. In fact, by using one's ingenuity and common-sense along this line, it will not be found a difficult problem to solve. Subscriber.

### The Management of Brooders.

To the Editor of The Homestead:

It is strange, but nevertheless true that there are many more poor brooders on the market than poor incubators. Some manufacturers who put out a pretty good hatching machine, fail utterly in the brooders bearing their trade-mark. A few home-made brooders have been

successful, but the greater part of these are veritable death-traps.

Long years of varied experiences in artificial brooding have made certain to my mind one fact. It is this: It takes the best of material and workmanship to construct a brooder that will successfully meet the difficult conditions. Therefore a really good, trustworthy brooder cannot be a cheap one. The standard makes that have proved their reliability, are all more or less costly affairs. But when we consider the value of a single hatch, it will be readily seen that the increased cost is soon met by the greater number of chicks raised to a profitable maturity.

Out-door brooders present a more difficult problem than in-door. Greater extremes of outside temperature must be met; there must be comfortable conditions for the chicks when confined within by stormy weather; the care of the lamps, especially in high winds, is often a serious question. I well remember one experience in Illinois, that came near turning my hair gray at the time. A fine hatch had been placed in a brooder, and for a week everything was lovely. The night of April first it was so warm and balmy, that it did not seem as if winter would venture our way again that spring. As I tucked the babies away for the night, noticing how they sprawled about in happy contentment, I felt as if success was assured, and that I ought to be, and was, a grateful woman for blessings vouchsafed.

But alas! Early the next morning my husband awakened me with the tidings that a veritable blizzard was raging, and that I had better hurry out to look after my chicks. Barely was there a quicker toilet made, and I hurried out, only to hear, long before I reached the brooder, the cry of the cold little fellows. The temperature was, of course, far below the right point, for I had gauged the lamp flame by the weather of the preceding night. I was indeed in a quandary. The terrific gale made the lamp smoke when it did not extinguish it altogether, and the prospect seemed fair for the loss of every bird. But I was determined not to say die if I could help it, and all day the family forces battled with the situation. A "jug-mammy" was filled with hot water and put inside the hover room; quilts and blankets wrapped about the brooder, which had been turned around to put the lamp on the side away from the wind.

The next day was bitterly cold, but less windy. The weather was so unfavorable, that those chicks were three weeks old before they ever stepped on the ground. A few weaklings succumbed, but the rest came out strong and sturdy, and were the admiration of every one who saw them.

Wind is one of the worst things to combat in using out-door brooders. In Nebraska, particularly in early spring, gales are so frequent that it almost precludes the use of out-door appliances. Having no brooder house, I had to meet this difficulty in some way. So we set ourselves to experimenting. First, we ran the flue pipe straight through the brooder, with an outlet at the opposite end, instead of allowing it to turn and form the outlet for smoke and gas under the hover chamber. Besides its liability to smoke, the soot and gas came up through the floor, making my White Wyandotte babies a smutty lot. The plan of the straight pipe did not work at all, the wind extinguishing the lamp in even a gentle breeze. Finally we hit upon the idea of running the flue pipe through both chambers to the opposite end, across that end, and back half way across the front of the brooder; then turning at a right angle out into the open air, with a joint extending a few inches upward. This plan worked well, and the lamp held its own last year in some stiff gales.

A suggestion found in regard to additional ventilation for the brooders, was also of great benefit. A poultry woman using this brooder found that her chicks thrived much better if she raised the cover a trifle, keeping it raised by a bit of wood or iron slipped in. I tried it, and found that results were much more satisfactory.

Many women have formed a prejudice against all brooders because they have found certain makes unreliable, and therefore, try all sorts of make-shifts rather than venture any more investments in the brooder line. This is foolish, because there are good brooders. But when a good brooder is secured, it will be one of the best helps possible in

### ORPINGTONS.

**Mike's S. C. Buff Orpington Ranch.**  
EGGS from scored birds, Cook strain. Pen No. 1 scores from 92½ to 94, 15 eggs \$2.00, 25 \$3.00; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2.00. Sure of male birds of above pens was imported from England. Orders now booked. Scored stock for sale. Write for circular. M. S. Helland, Slater, Iowa.

**GOLDEN S. C. Buff Orpingtons exclusively;** have had them eight years and have the best. \$1.00 for 13; \$1.75 for 25. A. LeFevre, Earlville, Iowa.

**SINGLE COMB BUFF ORPINGTON** Eggs, \$1.00 per sitting; \$5.00 per hundred. J. E. Wright, Pleasantville, Iowa.

### MINORCAS.

**PURE BRED Single Comb Black Minorca eggs,** 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

### COCHINS.

**PARTRIDGE COCHIN** Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; fancy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

### GEESSE.

**MAMMOTH** Toulouse geese eggs, 15 cts. each; White Wyandotte eggs \$1.50 for 15. Orders filled promptly. H. M. Almy, Greenwood, Neb.

### DOGS.

**RATS!** My Scottish Terriers will make them right. Very fine puppies, males \$10, females \$7; pedigree with sale. Bred litters \$25. Registered and expert raters. S. W. Harr, Riverside, Iowa.

raising a large number of chicks. Add to this the dry-feeding method, and the work of raising chicks will be reduced to a minimum quite astonishing to one who has always adhered to the old methods. Subscriber.

Sternberg says the true table fowl is long in the body, wide in the back, full in the breast, and plump over the keel—meaty all over. Taking its legs as a center, there must be more body in front of the legs than behind. The shape is a parallelogram. It may be carried more or less uprightly, depending on the breed.

### POINTERS.

—Buff Rock eggs exclusively are offered for sale by Mrs. J. J. Rink, of Shelby, Iowa.

—Silver Laced Wyandotte eggs are offered for sale by Mr. C. T. Gollehon, of Blair, Iowa.

—Mrs. E. F. Escher, of Manning, Iowa, is offering Barred Plymouth Rock eggs for sale at popular prices, and from high-scoring birds.

—Messrs. Aye Bros., of Blair, Neb., offer Barred Plymouth Rock eggs for sale from the Bradley and Norval strains at \$1 per sitting.

—White Wyandotte eggs exclusively—that is the kind that are being offered for sale by Mr. A. J. Podendorf, of Logan, Iowa. He prices these at \$1.50 per fifteen or \$2.25 per thirty.

—Some extra choice Barred Plymouth Rock eggs, cockerel or pullet mating, are offered for sale at \$2 per fifteen by Mr. W. W. Scholes, of Onawa, Iowa. These are from exhibition birds and are all right.

—White Wyandotte, White Holland turkey and Toulouse geese eggs are offered for sale by the Forest Home Poultry Farm, Box 253H, Audubon, Iowa. This farm have the very best of stock and can absolutely be depended upon.

—Mrs. L. C. Reece, of Prescott, Iowa, is offering Barred Plymouth Rock eggs for sale from her high-scoring pen. These will be packed in a nice basket which will insure safe arrival at destination. Write her at once and send her an order.

—Mrs. J. A. Campbell, of Manning, Iowa, in furnishing copy for her new advertisement that appears on page 13, writes: "We are getting more orders than we can fill for Mammoth Bronze turkey eggs. However, we still have one tom to spare."

—We wish to say to Homestead readers and poultry raisers that Mr. W. J. Smith, of Campbell, Iowa, who has been advertising with us, still has some fine Barred Plymouth Rock pullets and Mammoth Bronze toms for sale. His turkey hens are all sold. Write Mr. Smith if you are in need of a good tom or pullets.

—Mrs. Laura Mather, of Clarksville, Iowa, writes: "The hatches from my Rose Comb Brown Leghorn eggs are giving good satisfaction. From one hatch of 102 fertile eggs I got ninety-eight fine chicks. From another of 150 eggs I got 139 chicks. All doing well." See her advertisement on this page. She guarantees satisfaction.

—Mr. J. G. Goddard, of Deep River, Iowa, who has been a breeder of Light Brahmas for over twenty years and now has a fine flock, well marked and good layers, advertises specially selected eggs from his flock on this page. Any order that you may place with him will receive his best attention. Mention The Homestead when you write.

—Mr. Ben DeJaeger, of Waterloo, Iowa, whose poultry advertisement appears on page 13, writes that his Barred Plymouth Rocks are of the Lambert strain and score as high as 92. The Single Comb Brown Leghorns are of the Schaffer strain, and all of his hens are doing fine and have produced a nice lot of eggs. He is prepared to quote prices on the dozen or the hundred, and we can safely say that orders will be filled satisfactorily. Kindly mention The Homestead when you order.

### LEGHORNS.

#### S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyckoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. J. E. Brown, Richland, Iowa.

#### S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

**ROSE Comb Brown Leghorns, exclusively.** Eggs from stock scoring 92-93½ by Shellbarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 50; \$3.50 per 100; \$6.00 per 200. R. H. Stewart, Charles City, Iowa.

**ROSE Comb BROWN LEGHORNS.** For 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 18, \$1.00; 50, \$2.50; 100, \$4.00; White 14. Turkeys, 12, \$3. Ella Tharp, Mt. Sterling, Ia.

**LEGHORNS** S. C. Brown and White. Birds score to 95. Eggs 100 per 15. Incubator eggs, \$3.75 per 100. Send for circular. It's free. Geo. V. Price, Indianola, Iowa.

**SINGLE Comb Brown Leghorns, Kulp strain, pure** bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

**S. C. B. LEGHORN EGGS** Thirty eggs for \$6.00; 50 for \$10.00; 100 for \$18.00. Write for prices. Mrs. H. C. Lambert, Authon, Iowa.

**ROSE Comb** Brown Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. 1 pay express charges. D. W. Nickerson, Marble Rock, Ia.

**ROSE Comb WHITE LEGHORNS** Eggs, thirty for \$1.50; 50 for \$2.50; 100 for \$4.00. M. T. McEvoy, Emmetsburg, Iowa.

**SINGLE Comb White and Brown Leghorns.** Each variety on separate farm. Eggs \$1.00 per 15; \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

**ROSE Comb** Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

**ROSE Comb** White Leghorns. State Fair prize winners, eggs 75c per 15; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa.

**Rose Comb Brown Leghorn** eggs, 30 for \$1.00. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

**SINGLE Comb BROWN LEGHORN** Eggs, 75 cts. per 15, \$1.25 per 30. Address, Collins Brothers, Viola, Iowa.

**SINGLE Comb WHITE LEGHORN** EGGS FOR sale at fifty cents per dozen. Henry Oerlich, Hoffe, Iowa.

**Single C. White Leghorns** Exclusively. Wyckoff and Blanchard strains. Eggs for sale. W. C. Jones, Richland, Ia.

**S. C. B. LEGHORNS,** hens and pullets \$1 each, also eggs for hatching from scored and unscored birds, cheap. J. P. Eskildsen, Lawler, Ia.

**FOR SALE—Single Comb B. Leghorn** eggs, 75 cts. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manila, Iowa.

**MY ROSE COMBED WHITE LEGHORNS** are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

### WYANDOTTES.

#### White Wyandottes Exclusively.

EGGS, \$1.50 per 15 or \$2.25 per 30. Our flock is free from brass, are of good size and shape. I guarantee 10 chicks to hatch or eggs will be replaced at half price. Orders filled promptly. Address, A. J. PODENDORF, LOGAN, IOWA.

**WYANDOTTE EGGS.** BUFF, Golden and Silver Laced, \$1.50 for 15; \$2.50 for 30; \$6.00 per 100. We guarantee at least 4 chicks per sitting; if not, eggs replaced at half price. Address, A. J. Anderson, Indianola, Iowa.

**BUFF WYANDOTTES.** Pen No. 1, first pen Iowa state fair 1906, also first pen at Whiteset, Ia. Pen No. 2, headed by lat cockerel at Indianola, Ia. 94½. Eggs \$1.50 for 15. A. E. Goodman, Indianola, Ia.

**ROSELAWN FARM.** WHITE Wyandottes exclusively, pure bred, with farm range. Eggs 15, \$1; 50, \$2.50; 100, \$4.50. Satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

**WHITE WYANDOTTES,** standard bred. Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

**TWO GRAND PENS** Of Buff Wyandottes, Brey and Beath strains. Eggs \$1.50 and \$2.00 per 15. Clarence McClellan, Lowden, Iowa.

**WHITE WYANDOTTE EGGS,** \$1.50 per 15, \$2.50 per 30, \$6.00 per 100. Hens score 95 to 96½. Address, Mrs. L. M. Estes, Audubon, Ia.

**SILVER LACED** Wyandotte eggs, fifteen for \$1.00; \$1.75 for 30; \$5.00 for 100. From 92 point birds. H. B. Cameron, Montezuma, Iowa.

**SILVER LACED WYANDOTTE** Eggs for sale from high scoring birds at farmer's prices. S. R. Young, Greenville, Iowa.

**SILVER LACED WYANDOTTE EGGS** For \$1.40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

### TURKEYS.

#### SPRINGWATER FARM POULTRY.

A FEW CHOICE Mammoth Bronze toms and hens for sale. All scored and a fine lot. Will sell reasonable for quality of stock. Address, WHISLER BROS., FAIRMOUNT, IOWA.

**WHITE HOLLAND** Turkeys. High-class breeding stock; all but one are yearlings. Eggs, \$2.25 per 9. Mrs. J. H. Richardson, Bristow, Ia.

### RHODE ISLAND REDS.

#### S. C. RHODE ISLAND REDS.

NOT equaled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. P. H. Thiel, Benwick, Humboldt Co., Iowa.



**Why Lose Calves from Blackleg?**  
They constitute the future herd.  
**VACCINATE NOW WITH THE ORIGINAL**  
**Pasteur (BLACKLEG) (Cord form)**  
**Blackleg Vaccine (Foal form)**  
**Vaccine Co. (Blackleg Vaccine) (Powder)**  
Produced by the Discoverers: Profs. Arloing, Cornerin and Thomas.  
Successfully used on over 36,000,000 Head.  
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36-37 W. 11th St. 7 Rue Meyerbeer 40-42 Wabash Ave.  
NEW YORK PARIS CHICAGO  
Sole Concessionaires Institut Pasteur, Paris, Biological Products  
Our Rat Virus is the only Scientific non-poisonous rodent exterminator.

### "STOP RUNAWAY"

The ZIEGLER Neckyoke Center is insurance against broken poles and runaway teams.

Pole can't let down. Never breaks; years of wear. Only practical center. Simple and costs less than the other kind.

"ASK THE DEALER."  
ZIEGLER NECKYOKE CO., Coffeyville, Kans.  
Write Today for Free Illustrated "Story of a Runaway"

### HAWKEYE LICE KILLER

Will absolutely rid your fowls of mites and vermin. Best deodorizer and disinfectant. Send for descriptive circular. Sample gallon can, 75 cents. Hawkeye Chemical Co., Drawer H, Knoxville, Iowa



## PLYMOUTH ROCKS.

## HAWKINS', FELCH'S AND THOMPSON'S

LINE BRED Barred Plymouth Rocks, 1st premium won wherever shown. No other breeder in the United States or on earth will guarantee every male bird used in 1904 and for past 10 years to be bought from A. C. Hawkins' and E. B. Thompson's Madison Square Garden prize winning pen and I. K. Felch's reserved pens, and sell 18 eggs for \$1; 40 for \$2; 100 for \$4.50. This year we paid Thompson \$11.75 for one cockerel. They are an unbroken line of prize winners, weight standard and above. I mate them by standard rules. A good hatch guaranteed. I am an expert caponizer. Catalog free.

REUBEN E. SANDERS, PROP.  
FULL MOON POULTRY FARM - MONTEZUMA, IA.

## 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN., ALTA, IOWA

## EVERGREEN LAWN FARM

M. HUMMEL, PROP., MONROE, IOWA  
BREEDER of monster B. P. Rocks for 24 years. Birds headed by Iowa State and Jasper County Fairs first prize winning stock, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 1st and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

## STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 28 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerel; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. 15 Males scoring 91 to 92½ and weighing 8½ to 11½ lbs. females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson, and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 15. Circular free.

W. R. Warwick, Montezuma, Iowa

## BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00, 30 for \$1.75, 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Brinley strains. Guarantee good hatch and safe delivery. Fine catalog free.

S. V. LATCHUM, Montezuma, Iowa

## BARRED ROCK EGGS.

The cockerels heading my pens from 1st pullet at Boston and 4th cockerels at New York 1906. Eggs \$1.00 to \$1.50 per 15. Write for mating list.

MATT S. SMITH, GRINNELL, IOWA.

## Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks. From which my stock is from, sell their eggs \$3.00 and \$10.00 a setting. You can buy that strain at much less by writing. Geo. H. Lawless, Route No. 3, Harlan, Iowa.

## MEDAR Lawn Poultry Farm.

16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93. Pullets score from 90 to 93½. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

## SOME FINE COCKERELS

Cockerels at \$1.50 each up to \$2.50 each. Twenty years breeder Barred Rocks. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand yards mated, 3 for cks., 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva E. Girard, R. F. D. 2, Schleswig, Iowa

## BARRED PLYMOUTH ROCK EGGS

15 FOR \$1.45 for \$2.10 for \$4. from as fine a flock of hens as any man has. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

## Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reece, Prescott, Iowa.

## BARRED ROCKS

Famous Eclipse strain. Son of 1st hen, Chicago, mated to pullets scoring 90 to 92 points. Will produce winners. Eggs \$1.50; 30, \$2.50. O. J. Viland, Slater, Ia.

## WHITE PLYMOUTH ROCK EGGS

Plymouth Rock eggs, Fishel strain, 23 eggs for \$1.25, 50 for \$2.25, 100 for \$4.00. Extra good stock, score up to 94 points, farm range. Address, Mrs. O. J. Early, Bristow, Iowa.

## MY FINE BARRED P. ROCK

Pullets, scoring 91 to 92½. Mated to cks. scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50. H. J. Anestad, Slater, Iowa.

## BUFF PLYMOUTH ROCK EGGS

Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. R. Stilson, Montezuma, Iowa.

## Barred Rock eggs

from pullet bred farm raised fowls including scored stock; \$1, 15; \$5, 100; Toulouse geese eggs, 25c. Mrs. Jas. Cockerton, Whiting, Ia.

## BARRED P. ROCK

Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30, pen \$2.00. C. G. Good, Ogden, Ia.

## BARRED PLYMOUTH ROCK EGGS

Plymouth Rock eggs, Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

## EGGS FROM PURE BRED BARRED PLYMOUTH

Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

## WHITE PLYMOUTH ROCK EGGS

15 for 75 cents, 30 for \$1.00, 100 for \$3.00 Mrs. E. C. Turner, Griswold, Iowa

## 10,000 BARRED PLYMOUTH ROCK EGGS

for sale. Bradley Bros and Judge Norval stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

## BARRED P. H. eggs for hatching.

All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

## PLYMOUTH ROCKS.

## BARRED PLYMOUTH ROCK

## — EGGS FOR HATCHING —

Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Ringlet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

MRS. E. F. ESCHER, Manning, Iowa



## 219 Egg Strain

## Barred Plymouth Rocks

If you want stock and eggs from winners I have them. With twenty entries at two shows won 16 prizes. Eggs from my best pens \$1.50 for 15, \$2.50 for 30, \$3.50 for 50.

W. A. HARTMAN, Winterset, - Iowa

## EGGS! BARRED PLYMOUTH ROCKS.

COCKEREL and pullet mating; average score of 90, hens 90, and cocks 91½ and 92. Judge Hale, \$1.50 per 15. Mammoth Bronze turkeys, hens scored to 97½, toms, 97½, \$3.00 per 9.

W. F. Wheaton, Outlook Farm, Dresden, Mo.

## BARRED PLYMOUTH ROCK EGGS.

FOR SALE—\$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 90½ point cockerel. Address,

J. M. JANSSEN, Sibley, Iowa

P. O. Box 627, R. R. 3,

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address,

J. E. Wehr, Portsmouth, Ia.

## BARRED PLYMOUTH ROCKS

Barred Plymouth Rocks exclusively, Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

## BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers, \$1.50 per 15 eggs. Twenty years a breeder.

J. L. SLICK, LANARK, ILL.

## B. P. ROCK EGGS

From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cocks and cks. weighing 11 to 13 lbs.; scoring 91 to 93. are 1st prize winners and sired by state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

## BARRED PLYMOUTH ROCKS

Standard mated, eggs, \$1.00 per 15. In incubator lots from range 104, \$3.75; 20 sittings, \$1.00. W. E. Shutt, St. Charles, Iowa.

## BUFF ROCKS

for sale.—150 pullets, hens, cocks and cks., scoring from 90 to 94½ pts. Prices reasonable. Eggs in season. Mrs. Chas. Steidom, Lacey, Ia.

## BARRED P. ROCK

Eggs from high scoring stock by the hatching or the hundred. Write for prices. Mrs. Mary D. Talbot, Mediapolis, Iowa

## WHITE PLYMOUTH ROCK EGGS

Plymouth Rock eggs from birds scoring 94½, farm range; \$1 per 15, \$1.50 per 30, \$2 per 50 and \$3.50 per 100 eggs. D. A. Good, Ogden, Ia.

## WHITE PLYMOUTH ROCK EGGS

Rock eggs from extra fine laying strain. \$1.00 for 15; \$1.75 for 30. Elmer E. Carty, Delaware, Iowa

## PURE BLOOD WHITE PLYMOUTH ROCKS

Eggs. \$1.50 per fifteen; \$5.00 per 100. H. F. Allen, Bhiirsburg, Iowa.

## BUFF P. ROCKS

exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa

## BARRED PLYMOUTH ROCKS

Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

## BARRED PLYMOUTH ROCKS

Large, vigorous, well barred birds, 15, \$1; 50, \$2.50; 100, \$4.00. Arthur White, Isted Oak, Iowa

## WHITE P. ROCKS

exclusively. Eggs, \$1.50 per 15; 11 chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisa Co., Ia.

## BARRED PLYMOUTH ROCK EGGS

Plymouth Rock eggs of Bradley and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

## BUFF PLYMOUTH ROCK EGGS

exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Iink & Son, Shelby, Iowa.

## BRAHMAS.

## MAPLE LAKE POULTRY FARM.

Light Brahmas, large size, farm range. Eggs, \$1, 15; \$4, 100. Mrs. A. H. Klepper, Route 1, Muscatine, Ia.

## LIGHT BRAHMAS

Bred exclusively for ten years. Eggs, \$1.50 per 15. Oren J. Spalti, Pleasantville, Ia.

## LIGHT BRAHMA EGGS

Twenty-five for one dollar, \$3.50 for one hundred. Address, Mrs. Lem Wygle, Clarksville, Iowa.

## OTTUMWA POULTRY YARDS

Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

## LIGHT BRAHMA EGGS

15 for \$1.00; 45, \$2.50; 100, \$4.50; from stock scoring 90 to 93½; Felch and Mammoth strains. J. G. Goddard, Deep River, Iowa.

## LIGHT BRAHMAS

Bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

## DUCKS.

## EGGS for HATCHING

from high scoring Rotten ducks at one dollar per ten eggs. Address, J. H. Howarth, Moulton, Iowa

## DUCKS

Large Imperial Pekin duck eggs, \$1.50 for eleven. M. F. Anderson, Box 427, Jewell, Iowa

## LANGSHANS.

## Phillips' Black Langshans

EGGS for hatching from three grand matings. Pen No. 1, scoring from 94 to 96, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 2, scoring from 94 to 96½, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 3 has farm range, scoring from 92 to 95, eggs \$2.50 per 15, \$4.00 per 30, \$10.00 per 100. Write for free circular.

C. W. PHILLIPS, New Sharon, - Iowa

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. B. Allen, New Sharon, Iowa

## BLACK LANGSHAN CHICKENS

I HANDLE THEM exclusively. Eggs for hatching. Pen No. 1, cock, scores 94½, price per sitting, \$1.25. Pen No. 2, cock, scores 94, price per sitting, \$1.00. O. H. STILSON CORWITH, IOWA

## BLACK LANGSHAN EGGS

Langshan eggs for sale from large boned, vigorous birds, having full farm range. 15 for \$1.00, 45 for \$2.50. H. M. McKee, Sac City, Ia.

## BLACK LANGSHAN EGGS

eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

## PRIZE-WINNING Black Langshans

exclusively, scoring to 94 at Dubuque, 1907. Eggs, 13 for 85c; 26 for \$1.50. W. W. Baskerville, Earlville, Iowa.

## MISCELLANEOUS.

## Big Money in Poultry

STOCK, eggs and day-old chicks for sale. Write for my catalog.

Mrs. B. F. Wilcoxon, Fort Des Moines, - Iowa.

## LIGHT BRAHMA, PARTRIDGE,

SILVER WYANDOTTES and Pekin duck eggs, \$1.00 for 13; \$5.00 per hundred. Broiler turkeys and Toulouse geese eggs, 30 cents straight. Satisfaction guaranteed. Address,

O. B. MCKEAG, MONTEZUMA, IA.

## Mammoth White Holland Turkeys, Large Pekin

Ducks, Barred Plymouth Rocks.

EXTRA large high-scoring prize winners. 10 turkey eggs, \$3; 10 duck, \$2; 13 Barred Rocks, \$2.

FRED POST, MOULTON, IOWA

## WANTED TO BUY

Mammoth Bronze and White Holland Turkey Eggs in Large Quantities.

Write, stating what you have, giving lowest prices. Dean Swift Poultry Co., Des Moines, Iowa

## EGGS FOR HATCHING

from pure bred poultry and eggs of 20 kinds for sale. Barred and Buff Rocks, Pekin ducks, Bronze turkeys, Toulouse geese, bees and fox hounds a specialty. Enclose stamp for catalog. Address,

J. Fred Foy, Redfield, Iowa

## EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-H Audubon, Ia.

## EGGS

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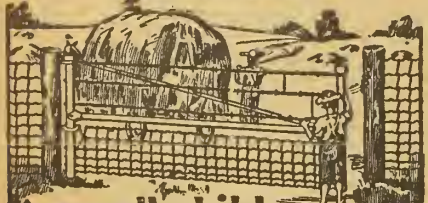


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## OUR HOME DEPARTMENT.

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### WITH THE EDITOR.

What the editor has for you this week is something entirely different from anything ever before presented With the Editor; before its presentation a few remarks are in order.

As hinted here a few week's ago, all sorts of things come to the editor of a Home Department. Among those which most disturb the editorial peace are what the senders consider poems. Sometimes these effusions, not infrequently yards in length, are positively painful; occasionally they are refreshingly good, in spirit if not in form, in promise if not in effect. The writing of poetry is a fine art; there is more to it than imagination and the faculty of making rhyme; even where the divine afflatus is present knowledge of prosody and versification must be acquired if the product is to commend itself to lovers of poetry. And even after the rules of meter are mastered it is only once in a great while that a fine poem comes into the world like Minerva, who, according to legend, sprang from the head of Jove, full grown and all in armor clad. A beautiful poem is usually a growth; sometimes a slow growth. Tennyson, perhaps the most finished poet of the Victorian age, labored over his poems, writing and re-writing a single verse, sometimes a score of times, which allusion brings me to remark number two.

Among my treasured possessions is a copy of the Rubaiyat, showing the various stages through which the poem passed as it grew in the hands of Fitzgerald. It is a fascinating study to trace the evolution of the poem from the translation of the first edition through the second, third and fourth editions. Sometimes Fitzgerald seems fearful lest he depart too far from the original; sometimes he transposes and manipulates as if he had the license of absolute authorship. And now we have come to my offering.

Some time last summer a little poem was submitted to me, the promise of which so appealed to me that I laid it before the Only Man—among this Only Man's accomplishments is a pretty touch of verse-making. He worked at this poem for some little time. One change followed another until "My April" was so altered I doubted the propriety of using it without first submitting it to the writer. Her letter in reply was not intended for publication, but to complete the story it will follow the verse because it brings out the conditions which gave rise to the poem and illustrates a difficulty which always confronts translator and editor.

### MY APRIL—BEFORE.

Cowering as the beaten lily  
Bending 'neath the sheeted rain;  
Expanding as the opening rose  
When the sun beams forth again;  
Thus my soul seems e'er to be  
In its reaching God to Thee.

Yet my soul would feel despair  
As the flowers know the rain  
That it rise in buoyant fragrance  
When thy sun beams forth again;  
Thus my soul would ever be  
In its rising God to Thee.

Not all sunshine nor yet rain  
Would the rose, the lily, too,  
Lends a rarer bloom and perfume  
When from clouds the sun peeps thro';  
Thus my soul must ever be  
Till it triumphs, God in Thee.

—I. R. M. B.

### MY APRIL—AFTER.

Cowering like the beaten lilies  
Bending 'neath the sheeted rain,  
Rosebuds, shrinking in the storm blast,  
Wait till sunbeams dance again.  
Thus my soul seems oft to be  
In its reaching, God, for Thee!

But my soul so shrinking, drooping,  
Like the flowers in the rain,  
Quick will rise in buoyant fragrance  
When Thy sun beams through again.  
Thus my soul would ever be  
In its rising, God, to Thee!

Ope in sunshine, droop in rain,  
Doth the rose, the lily, too,  
So a rarer bloom my soul wins  
When after clouds the sun breaks through.  
Thus my soul must ever be  
Till it triumphs, God, in Thee!

A second rendering for the third verse might be:

Not all sunshine, not yet rainfall  
Would the rose, the lily, too,  
Sends a rarer bloom and perfume  
When after clouds the sun breaks through.



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Thus with my soul 't must ever be  
Till it triumphs, God, in Thee!

The verses as revised surely show an improvement. You must remember that I know so little of the rules of grammar, or the proper construction of sentences, or even punctuation, that editing whatever I may write is absolutely necessary. I will say, however, the second verse, while reading to me much clearer and better than the original, hardly expresses what I had intended it should. In my musings at the window when I began to think out the verse, I noted first the icy rain on the glass, on the grass and flowers after the long wait for spring, and followed the thought out in my own life, in the conditions surrounding us all, when a sudden gleam of intense sunlight brightened everything, and I began to think of the effects of continued sunlight, of the long, unbroken drouths and missing harvests, of the blight, of continued prosperity, of constant joy and pleasure, and it was something more than resignation, more than mere acceptance voiced in the line, "My soul would know despair as the flowers know the rain." It was an understanding of the demands of the spiritual, as well as physical; an understanding of the weakness of the flesh to sink beneath trouble, as the flowers under the rain weight, yet with the flowers at the first peep of the sun shedding the rain weight and standing already strengthened because of it. Realizing the blessing of affliction, I would receive it. Trusting you to use your own good judgment in the matter, I am, yours truly.—I. R. M. B.

### AMONG OURSELVES.

Skipping rope and marbles have been infringing upon the rights of pedestrians to sidewalks in the city suburbs for some weeks past; it is the time for out-of-doors sport; base ball has become a current topic. In response to Mrs. Custer County's call we have heard some very good things in regard to the desirability and undesirability of encouraging the game on Sunday; today we shall have a word of acknowledgment from her and then something on church attendance from An Iowa Soil-tiller:

How I wish Double Star lived in our neighborhood, and Mr. Kelley and Mrs. Kiowa County too. They are the kind of people I like to know. I do not object to the national game, for I can see nothing in it but what a boy or girl may not perform with pleasure. I believe in the same standard for both, and it would be nice where the farmer boys could play and their sisters watch them. The teams I refer to are composed of the smartest set of boys in town who go out for a lark on Sunday, needing the exercise. They are single men, except the ones required to fill up the team, but the latter prefer to leave their young wives at home. They do not take their dress suits in their cases any more than they do when they run into the city for a few days. Their Sundays are spent gunning, playing ball and entertaining fast girls. Double Star, I will leave you to name them. Would your advice be to let the boys go to such places? If so, why not let the girls? Or why not the parents take them as if they were going to church? I would rather let my children go to church alone than go alone to ball games. Our boys' parents have never read a dime novel that I know of and I know the children haven't. Their companionship in books can be controlled. We are proud of their intel-

ligence, ambition and innocence and are trying to keep them worthy until their habits are formed. Farmer boys need recreation or a change on Sunday, but not harder work. Many thanks for the beautiful suggestions on church going. They are what parents ought to practice.

I have been reading Among Ourselves for some time with quite a degree of interest. Although there is quite often something said that crosses my ideas, this is what gives me food for thought. In reading what Aunt Jane has to say in regard to keeping the Sabbath, I find quite a bit that is true; still I think she is upholding something that will lower the moral standard of our boys, instead of raising it. I think the place for a Christian man or woman at the hour of service on the Sabbath day is at church (with their family if they have one) where they may receive inspiring thoughts that will make them better men and women. It is true the chores must be done on the Sabbath day, but the feed hauling and such work arranged so a man can go to church if he really desires to. You cannot successfully send your boys and girls to church. You must take them (or rather go with them) if you expect them to be there regularly. This is the best way I know of raising the moral standard of our boys.

Odd as it may seem there are a number of "best ways" of "raising the moral standard of our boys." Church attendance by parents must be accompanied by the practice of the virtues there inculcated or it is not likely to accomplish much in the way of influencing either boys or girls to noble living; on the other hand parents who live sweet home lives, who surround their children by healthful influences and seek to lead their young feet in the paths of righteousness need the strength which may be gained in the house of God.

One of the most beautiful things in the world is the desire of parents to bring up their children wisely. It is one of the special aims of this Home Department to foster this parental longing and it is one of my greatest pleasures to present to this circle fathers and mothers who are willing to share experiences which are likely to be helpful to others. Two such are with us, An Among Ourselves Mother and an Iowa Reader:

I must tell the young mothers how I learned my best lesson. "I had three little children and was at my own dear mother's house visiting and a dear old lady friend came in to see me. I thought my children would annoy her, so I said, "Oh, grandma, don't you think I have three noisy little children?" and I said I got so worried with them I almost went crazy sometimes (and I did think I had my hands full of trouble). But she turned to me and said, "Hush up; those are the sweetest children I ever saw play together; they never whine nor quarrel at each other, and that is as lovely a thing as I want to see." She said, "You are seeing your best days with them now around your feet in your way, playing and not quarreling. After while they will quarrel



and fight and cause you all kinds of heart-aches. You will find out what I say is true." Well, dear young mothers, I thought about what she said and I said to myself, if I just let them know I won't let them quarrel that will be my best way to stop it, and I have done this. When any little disagreement comes up at the house or barn I am never too busy at work to stop it. And I tell you it works like a charm. Now I have eight dear children and every one loves mother dearer than self. This I know by kind words, willing hands and good deeds done for me. So, dear young mothers, instead of whipping baby and telling her she is a bad girl, try to start right from the first and see how much better it is. That dear old lady's lesson was worth a thousand dollars to me, for now three of my children are nearly young folks and when I think of the trial it is to let them start out to face the sinful temptations there is now for boys and girls, I see how true her words are. My boys are sixteen and seventeen, and have lots of invitations to parties and other places of pleasure, but they always say, "Mother, shall we go?" If I say, "I don't believe I would," that ends it.

Mothers, teach your daughters to take care of themselves physically, as well as morally. Just yesterday I stood by the grave of a young wife, a dear friend of mine, and how sad it seemed to me to see one so young and beautiful taken from this world of usefulness, leaving behind parents, brothers, sisters, a loving husband and two little ones, when care of herself in past years would have averted the sickness and spared her life to those who loved her so dearly.

It ought to be worth a great deal, especially to young parents, to hear words like these. As a matter of fact, because of the many grateful words which reach me, I know that it is. Those who aid in making the circle the power for good which it is, may lay the flattering unction to their soul that they are doing a splendid work when they take time to pen a good letter for Among Ourselves.

An Old Maid, who ought to be making some good man a nice wife, has a word for us today. By the way, will some one tell us why it is that so many of the very finest women are unmarried? There must be some reason for it; it would be interesting to hear what the circle thinks it is:

Hurrah for the Illinois Bachelor! How could you keep still so long, when so many had wrongly interpreted your remark on kissing? I am glad you came back the second time, for we thought you just like most other boys and men, but are glad to know you are among the few who stand for "one standard for both sexes." I have a recipe for June Bug, and I think if she will carefully use it it will be beneficial to her. It is an old and tried recipe, which I believe every good wife uses at least a part of. After trying this for a spell, will June Bug kindly give us an account of the experiment? I hope she will be successful, but the best of cooks fail sometimes. Here it is: "Cooking a Husband.—A great many husbands are utterly spoiled by mismanagement in cooking, and are not tender nor good. Some proceed as if their husbands were balloons, and so blow them up; others keep them constantly in hot water; and still others let them freeze by their indifference and neglect. Some keep 'hem' in a stew all their

lives by irritating ways and words. Others roast them. Some keep them in a pickle. It cannot be supposed that any husband will be tender and good when managed in this way; but they are delicious when properly treated. In selecting your husband you should not be guided by the silvery appearance, as in trying mackerel; nor by the golden tint, as in salmon. Be sure you select him yourself, as tastes differ. Do not go to the market for him, as the best are always brought to the door. It is far better to have none unless you will patiently learn how to prepare him. A preserving kettle of the finest porcelain is best, but if you have nothing but an earthen pipkin it will do, with care. See that the linen in which you wrap him is nicely washed, neatly mended, and with the required number of buttons and strings. Tie him in the kettle with a strong silken cord called 'comfort,' as the one called 'duty' is apt to be weak. He is liable to fly out of the kettle and be burned and crusty, on the edges, since like crabs and lobsters, you have to cook 'em alive. Make a clear, steady fire out of love, neatness and cheerfulness. Set him as near this as seems to agree with him. If he sputter and fizz do not be anxious; some do this until they are quite done. Add a little sugar in the form of confections called kisses, but no vinegar or pepper on any account. A little spice is good, but it must be used with judgment. Do not test him with any sharp instrument to see if he is browning tender. Stir him gently and you cannot fail to know when he is done. If thus treated you will find him very digestible, agreeing with you nicely, and he will keep as long as wanted, unless you become careless and set him in too cold a place."

There is a saying that it is a poor rule which will not work both ways. Like so many of the old proverbs this one is slightly enigmatical, but I think it may be applied here to mean that this recipe will also apply to the preserving of a wife. With this thought I recommend it to men as well as women who have taken partners. Wives need to be "cooked" quite as much as do husbands, although some husbands who expect the attention seem to be oblivious of the fact.

"One of the Girls" comes as a spokeswoman for her sex in reply to a question asked at a recent meeting:

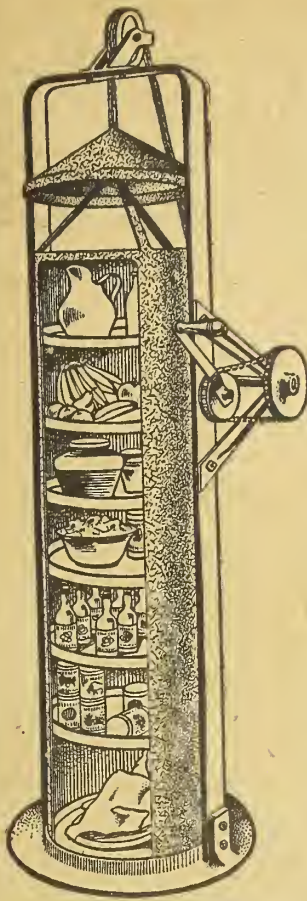
I see that "A Crank" and our editor both accuse us of encouraging the attentions of undesirable young men, and we will have to admit that their accusations are to a certain extent just; the description they give well befits a certain class of girls. But, Mr. Crank, as you imply that there is a difference in men, let me say that there is also a difference in girls. Let us first note the girls who, you say, congregate on the street corners and talk about "that handsome young fellow until the next one passes." That talk alone is a strong pointer of character. Do you admire the class of boys and men who gather on the street corners and discuss the "pretty girls" that pass? Is such a practice more worthy when indulged in by girls than when followed by men? Now, many of these girls are really good at heart, but are either ignorant, thoughtless or silly. They like to make a nice appearance themselves and wish their companions also to be stylishly dressed. Their ambitions and ideals reach no higher than this, or if they do, they have not the courage of their convictions. Nor are the girls wholly to blame. Many of them have been taught, almost from babyhood, that their chief care should be to have a "fellow" with little or nothing ever said as to morals or character. They begin receiving attentions from the young men when only fourteen or fifteen years old, some younger even than this; most of them far too young to think very deeply for themselves. As they grow older, many of them still do not realize that to wear the most fashionably-cut suit is not the best recommendation that a man should offer. Often they snub a really noble, but perhaps somewhat old-fashioned man, merely because they are too shallow minded to appreciate his true worth. But please do not think all girls belong to this class. I know several who require not fashionably-cut garments, but pure, true manhood as a title to esteem. However, you need not expect to find these on the street corners talking about the "handsome young men" who pass. They are at home helping mother, or in some of our churches or Sunday Schools; somewhere that they are needed, and are doing something worth while.

Good, sound sense marks the words of this girl of ours; is it not a pity that girls such as she should so often be passed over for some showy, flighty miss? If things could be so arranged that like would mate with like—the pure, strong man with the modest, sweet girl, and the gay, wild fellow with the silly butterfly—I wonder if it would be any improvement. What do the friends think?

Next week we shall have some replies to the call for definition of love. I hope we shall hear from a considerable number on this point, as the matter is a most vital one and yet one upon which there is little sane thinking done.

A few words on amusements by R. Thomas and the meeting will stand adjourned:

Being a reader of the circle I feel constrained to write my views concerning various amusements, such as dancing, card playing and theater going, Mr. Robert J. having invited the discussion. If one is little of form and figure, or fat and forty for that matter, and enjoys the sweet strains of music, I see no harm in "tripping the light fantastic toe" to an old Virginia reel or to the latest schottish or waltz. There is merriment in our makeup, put there by our



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Creator, without which a more pessimistic individual cannot be imagined. If mirth be in you, give it vent through whatever gifts you may possess. If there be a fondness for music, time and rhythm, join in the dance with a view to getting all the fun out of it you can. To be called a graceful dancer, a pretty dancer, is something of a compliment, and if one has ambition it gives an opportunity to excel in the art. It is also an exercise conducive to health when not carried to excess. I place card playing on a similar basis. People give parties that they—both old and young—may have a good time, socially speaking; that they may have a diversion from the hum-drum of their business. There are persons whose forte is cards and if the hostess should offer a prize for the best player at high-five, euchre, or seven-up, so much the better interest is manifested in the game. There are others who would prefer taking a hand with the boys and girls in playing needle's eye or such other kissing games, which is all right. Someone has said, "Variety is the spice of life," so let there be a good time. As to theater going, I approve of it, too, provided the play is on instructive lines. This should be determined from persons who know or by reading up for yourself. I wish to be understood that I would not have members of the church to dance; not that it is any more harm for them to dance than anyone else, but that they in so doing overstep the bounds of church discipline. "Be ye temperate in all things," even unto amusements, as well as to drinking or eating, is a scriptural injunction. So I fear nothing from this source in the event Mr. Robert J. springs the Bible on me to disprove my position.

During the years in which I have presided over this home there has been no more welcome visitor than Mrs. Frances Vanderhoef, of White Rock, S. D. Mrs. Vanderhoef has always brought us a word of good cheer, sound sense and helpfulness. It is but natural and right that she should receive warm greetings, have warm friends in this circle. Word has just come to me that Mrs. Vanderhoef is in sore trouble. Her husband, her beloved companion for many years, died suddenly in a hospital after word had been received that he was making a good recovery from the operation which necessitated his being there. The shock of her loved one's death was terrible to our friend. Her grief and her loneliness make a claim which will, I trust, appeal to very many of her friends. Let us make it a point, however busy we may be, to write a word of sympathy within the next week or two to our bereaved friend. Let us do what we may

to comfort her and show her that newspaper friends are worth having.

Dressmaking and Millinery, No. 566.

Sylvia Silverthorne, Muscatine, Iowa. [All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.] Each season has its especial fad or fads, and while we may smile at these in our "superior" way when they are first introduced, there comes a time when we fall in line and adopt whatever fashion dictates. At the moment the kimono sleeve is the conspicuous feature of many of the waist garments, and its adoption is being carried to the usual extreme, but since it figures most largely in the fancy waist or jacket it may



(5623 Over Blouse or Jumper, 32 to 40 Bust.)

run the season without tiring of it. I would not like to prophesy that it could hold favor for every-day wear.

As an illustration of the kimono sleeve I am showing with this number the over blouse or jumper No. 5623 which has this feature, and if you will read carefully I will try to make it plain to you how you may modify garments that you have on hand to give

It's not fair to your lamp to dwarf its light with a poor chimney. I manufacture lamp-chimneys that get the most out of lamp-light, and that won't break from heat.

I put MACBETH on every one, because it tells you how to get the best in lamp-chimneys.

My Index tells about these facts, and tells how to get the right size chimney for your lamp. It's free—let me send it to you.

Address, MACBETH, Pittsburgh.

**JUST BECAUSE**  
it storms—  
don't confine  
yourself  
indoors

PROVIDE  
FOR YOUR  
BODILY  
COMFORT  
by wearing

**TOWER'S  
FISH BRAND  
WATERPROOF  
OILED CLOTHING**

Every Garment  
Guaranteed  
Good enough to last years  
Low in Price





them this effect, for the idea may be made very useful in remodeling. In the illustration the blouse is made in one piece, there being under-arm seams only. None on the shoulders. You see then what a simple little affair the garment becomes. There are tucks on the shoulders that extend to yoke depth at front and back. The waist is cut in a deep point at front and back, or it may be cut in varied form, as indicated. It is to be worn over a guimpe (the guimpe is not included in the pattern) and the one illustrated is made of lace all over. Any simple waist pattern may be used as guimpe pattern. If the overwaist is of the material like the skirt a pretty feature and one of the newest is to have the sleeves of the suiting, then only the chemisette is of the lace. It will be necessary, however, to sew the sleeves into the guimpe, as the shape of the kimono or "Mandarin" sleeves does not permit the setting in of the ordinary sleeve. If you want to give the effect of the kimono sleeve



(5577 Blouse or Shirt Waist. 5135 Seven Gored Skirt.)

to an ordinary waist you can do so by using straight bands of the material, or of embroidery, arranging these across the shoulder and terminating them well below the arm hole, where the ends are joined in a seam. The garment is adjusted as shown by means of a tape inserted across the back and tied at front over the waist. Pattern No. 5623 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering pattern.

The shirt waist costume shown is made up of two numbers and these are, of course, separate patterns. No. 5577 is a yoke shirt waist, the yoke being in a somewhat novel design, and one that permits modifications in the way of trimmings. Pippings, bandings and frills all offer modes of decoration, and the new frillings may be applied in the ways suggested in former hints, so that the garment may be developed into something very dressy, or for something simple it may be stitched and trimmed with pearl buttons as in the illustration. Embroidery done on yoke, cuffs and front pleat will give very pleasing results. Pattern No. 5577 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure. Give size when ordering pattern.

No. 5135, seven-gored skirt, needs little description, as it is simply one of the pleated models having two backward turning pleats on each gore. The plain spaces on each gore afford opportunity for any mode of decoration, embroidery, braiding, applied bandings, all being in vogue and by means of either panel effects may be given. Pattern No. 5135 is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure. Give size when ordering pattern.

Send eleven cents in money (not stamps) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## THIS BOOK FREE

Write today for work by several well known agricultural authorities, showing why the Harrow is much more important than the plow. Also illustrates and describes

### THE ACME HARROW

The riding harrow that cuts and pulverizes the plowed ground. Coulters or teeth work as a gang plow. The only harrow built on correct principles.

Sent Free on Trial.

Ask your dealer to let you see the Acme Harrow. If he hasn't it I will send you one for free trial. No expense to you. Don't forget to write for book.

DUANE H. NASH,  
Millington, N. J.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair. —Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson IV. Genesis XXXIX, 20-40; 15. April 28, 1907.

#### Joseph Faithful in Prison.

"The iron crown of suffering precedes the golden crown of glory."—F. B. Meyer.

The fascination in this four-thousand-year-old story is, that it is a study in life. It is not a middle age piece of scholasticism, but a warm-blooded history of human nature; not a dissertation on metaphysical generalities, but a tale of human emotions, as they are felt today, and every day, and everywhere. It is the "proper study of mankind." It concerns Man, and is consequently universally interesting. The effort to retell the story is futile. To reclothe it is to do violence to it. Its own dress is its only dress. Its simplicity, genuineness, fidelity, make it a masterpiece of literature. As in a microcosm, one sees here the evolution of a man and a statesman. The circumstances which seem to retard really accelerate the process. Joseph had learned how to "take honey out of the eater"—one of the finest and most useful arts of life. As a slave, he made himself indispensable to his master. Two thousand years before St. Paul, he lived the apostle's maxim. He served not as a "man-pleaser, but as unto the Lord." A quaint version describes him as a "lucky fellow." But even his heathen master could discern the Divine accompaniment to his human thrift and industry, and acknowledged that "the Lord made all he did to prosper in his hand." Yet all the while there was the poignant sense of humiliation. The heir of a prince must needs wear the brand of a slave. His hard lot, however, could not make a pessimist or misanthrope of him. His engaging qualities were unclouded. Unconsciously, he was schooling for the premiership. Faithful in few things, he was to be lord of many. His very attachment to Potiphar, chief captain of the royal guard, and keeper of the royal prison, made him conversant with affairs and men and methods of state, invaluable to him in his after career.

The next incident seemed to plunge Joseph in irretrievable ruin. An Oriental prison is a descent to hell, which may be well inscribed, "Leave all hope behind who enter here." The account is perfectly faithful to Oriental judicial processes, in that it makes no allusion to a trial. There was none. Accusation was sufficient. Nor is there any reference to the term for which Joseph was committed. It was indefinite. It was the pleasure of Potiphar. Had the latter passed from the scene, a new commander of its prison would have found no record in Joseph's case, and he might have languished for a lifetime. Yet, even in prison, Joseph was still the "lucky man" the Bishop's Bible calls him. For, in the shortest space of time, the prisoner was the prison-keeper; and whatever was done there, he did it, and it prospered. All things kept working together for good to Joseph—his brothers' malignant jealousy; his transformation into a slave; his exile from his native land; the foul and false accusation; his imprisonment—as man seeth, each was a step in the devious inferno; as God seeth, and as man saw afterward each was a step in a staircase leading to a throne and a coronation; a new tribulation deep the way to glory is. Yet all turned on the character of Joseph. A meretricious and evanescent promotion might have come to him even had he been insincere and corrupt at heart. But a permanent exaltation in the hearts of his own and his adopted countrymen; an assured position among the immortal worthies in the kingdom and patience of God—a good life only can win that distinction.

#### Analysis and Key.

1. A study of life. The charm and value of an old story.
2. Evolution of a man and a statesman. What apparently retards really accelerates. The art of taking honey out of the eater. Joseph knew and practiced it. Unconscious schooling for premiership.

3. Joseph's apparent irretrievable ruin. Accusation. Imprisonment.
4. Joseph's "luck" outcome of character.
5. Permanent exaltation only won by a good life.

#### The Teacher's Lantern.

It was the contention of the late John Fisk that evil must needs be present; that morality comes upon the scene when there is an alternative offered of living better lives or worse lives; that the action of the ideal man is to be determined not by the pursuit of pleasure and the avoidance of pain, but by the pursuit of goodness and the avoidance of evil.

But Joseph, four thousand years ago, splendidly realized Mr. Fisk's ideal. In Egypt, the home of unchastity (marital), where marriage infidelity was prevalent (Herodotus), under the most seductive and persistent solicitation, he kept himself pure. Joseph shines brilliantly as an ancient example of chastity. The example is inspirational for young men of today.

John Ruskin makes a fine discrimination, and a helpful one, in this connection, when he says, depreciating his own "bringing up," that he was innocent "by protection rather than virtuous by choice." "Innocence by protection" is a feeble thing, apt to be surprised and taken by guile; and protection, at best, can only be approximate.

"Virtue by choice," like that of Joseph, is the ever-accumulating virile force that makes for right living. The deliberate, intelligent, free, continuous preference of the good, the true, the beautiful, is the charm and wisdom of saintliness. The very constitution of the world, natural and social, is designated to afford opportunities for such preferences.

Mr. Fisk affirms that though, in the process of spiritual evolution, evil must needs be present, the nature of evolution also requires that it shall be evanescent. "From the general analogies furnished in the process of evolution, we are entitled to hope that, as it approaches its goal, and man comes nearer to God, the fact of evil will lapse into a mere memory, in which the shadowed past shall serve as a background for the realized glory of the present."

Joseph's clothes kept getting him into trouble, though he was in no way responsible. First, it was his coat of many colors, with which his father had invested him, perhaps, in token that he was to have the rights of primogeniture. Sight of it enraged his brothers. Now, it was the cloak he left in the clutch of an adulterous woman, and which her illicit love turned to deadly hate, she could use as evidence against him. People's clothes are still getting them into trouble, and with more reason.

"Remember me when it shall be well with thee." That smacks of worldly wisdom. But it may be in appearance only. To avail one's self of legitimate human means does not necessarily signify at all that one has abandoned his trust in God. However, the butler forgot.

Enslaved at seventeen; a slave ten years; a prisoner three years; prime minister at thirty—that is Joseph's history in a nutshell. The scene of it, probably Heliopolis, near the modern Cairo.

Joseph's victory shows how a man, especially a young man, is to overcome temptation. The first requirement is, Walk as in the all-seeing presence of God; the second, Fight with the weapons of the Word, in the light of duty; the third, Avoid the occasions of sin; the fourth, Firmness above all things; and, if it must be, flight, with loss of the good name, and even of life itself. (Lange.) Such flight is more honorable than the most heroic deed. (Calwer.) The fear of God is the best means of grace for avoiding sin and shame. (Lange.) In a temptation to adultery or fornication, flight becomes the most pressing necessity. (Ibid.) Joseph lets his mantle go, but holds on to a good conscience. (Krummacher.)

The paradoxes of Joseph: A slave, yet a freeman; unfortunate, yet the child of

## KRESO DIP



### FOR ALL LIVE STOCK

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CATTLE HORSES HOGS  
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DETROIT, MICHIGAN.

## GOOD HARNESS

HOW YOU CAN BUY A FINE \$25 SET DIRECT FROM THE MAKER FOR \$24.

ALL SHIPMENTS ON APPROVAL.

I make all my harness in my own factory right here in Waterloo. I buy all the leather and supplies so I know that nothing but genuine oak-tanned leather is used. I know all my men and every last one of them is a skilled harness maker. My expenses here are low—not one-fifth of what they would be in a large city where most of the harness sold by mail-order houses and local dealers is made.

When you buy from me you deal direct with the maker and that means a mighty big saving.

You take no risk either. All goods shipped on approval and if not entirely satisfactory you send them back and get your money and we pay charges both ways. As to our responsibility you can refer to any bank or express company in Waterloo or you can look us up in Dun or Bradstreet.

The harness shown in the cut here is our "leader" for 1907. It's a genuine bargain—a splendidly made 14-in. team harness—all of the best grade oak-tanned leather. Just send me the money and the harness will go to you at once with the distinct understanding that I will refund the price and pay charges both ways, if you are not perfectly satisfied.

My big, free Harness Book is full of money-saving offers. Send for it and compare our prices, styles and qualities with what your dealer offers. Write me today. Address R. M. Knox, Pres., Western Harness & Supply Company, 613 Main St., Waterloo, Iowa.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE.

Blandinsville, Illinois

fortune; forlorn, yet still in the presence of God; object of impending wrath, yet preserved alive; a prisoner, yet a prison-keeper; every way subdued, yet superior to his condition; his misfortune his fortune; his fortune his misfortune.

#### A UNIQUE CALENDAR.

We have just received from Clay, Robinson & Co., the well-known live stock commission firm, an unusually attractive and interesting calendar typifying the "Evolution of the Range" or, in other words, the development of the cattle industry in the West. It consists of four sheets on each of which appears a handsome western picture. The dates run one year from April, 1907. Any of our readers who ship at least one car of cattle, sheep, or hogs per year can have one of these calendars free by addressing Clay, Robinson & Co., Union Stock Yards, Chicago, Ill.



## DAY BY DAY

Agricola

When ye see a cloud rise up out of the west, straightway ye say, there cometh a shower, and so it is; and when ye see the south wind blow ye say, there will be heat, and it cometh to pass.

From the above we learn that short on weather predictions came true in Palestine long before telegraphs, barometers, wet bulb thermometers, etc., were known.

But nothing was said in this connection, (read Matthew and Luke) as to cold waves from Dakota and Medicine Hat, and they are to be reckoned with in the corn belt.

Our big storms also come from the south, instead of the west. The Mediterranean sea filled the west winds with vapor which were condensed and precipitated over Palestine, but it is the Gulf of Mexico which waters the Mississippi valley.

And here is a fact which staggered many the first time it was forced upon their attention: The wind may not be blowing from the south where the rain is falling, but from the northeast. When it is raining in Kansas City, with a northeast wind blowing, look out for the storm to reach Des Moines some hours later. The storm is moving northward.

or towards the northeast, but the wind has a rotary motion, with the north-west part of the circle dry, the other parts wet.

Local showers may come from the west, due to local causes, but the wide and general watering of the corn belt is done by the Gulf of Mexico, even though the whirling wind blow locally, while it rains, from an opposite direction.

But the trouble in this locality this spring has been that the wind has been almost constantly from the north and northwest. A wind from that direction is always dry here, for it is cold and it becomes warmer in its passage south, and consequently no moisture is squeezed out.

And right here comes speculation of another sort. What will be the effect of this dry, cold weather upon this year's crops?

Pastures need warmth and moisture early in the season in order to be early pastures, and the longer this condition is delayed the poorer the pasture is apt to be throughout all the year, as stock will eat it down too short, the leaf growth which is necessary to enable root growth is prevented, and the grass will be short and puny all the year. For this reason let us devoutly hope that warmth and moisture may not be delayed much longer. Here's hoping the weather will change before this is printed.

There is this to be thankful for: so long as it is cold it is well that it is dry, otherwise the seed grain would rot in the ground.

I find that my clover of last spring's seeding is all right this spring. It is growing, too, in spite of adverse weather. The old pasture which was so good as to yield a ton and a half of hay per acre besides affording feed for a full average supply of stock, has made no growth to be proud of, and it will be turned into a corn field and the new seeding will be the new pasture. But it will be allowed a good start before stock is turned in, and stock will be kept out after soaking rains, so the ground will not be punched full of holes.

Harrow carts are becoming quite common. The farmer who walks after the harrow feels a little contempt for an able bodied man who will not walk with the lines to help him along, but asks the horses to not only pull the harrow but also draw him. The answer is, and it may be a full answer or not according to conditions, that with the present scarcity of help the farmer must keep himself fresh so he can do more choring and do it better and quicker. This he must do when the horses have finished their day's work and are resting. He must rest while they work and work while they rest.

Milk-selling impoverishes the farm, but butter-selling does not. Nitrogen leaves with the milk; there is none, practically, in butter. The lesson from this is that the land from which milk is sold must be fertilized.

There may not be any royal road to phenomenal success in stock raising, and he who beats all others may "get there" by virtue of a native knack, but for a free and easy way to winter heifer calves I know nothing easier and simpler than to feed them sheaf oats. This proven-der furnishes both forage and grain, and the balance is good, both as to proportion of bulky food to concentrated, and also regarding the protein content.

Agricola has some heifers to show as living evidence of the success of this method.

Farm separators must not be left uncovered in a dusty place. Nor must they be run even for one minute "dry." Oil before starting, sure.

Man was made to mourn and woman to—well, woman is a conundrum which is unguessable and unsolvable, but "we will never give her up."

The school boy who milks cows every night and morning is the better for it. Such a gymnasium is good for the boy and helps keep a sound mind in a sound body.

Have you any second crop clover hay? It is good feed for poultry. And this

# PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 32-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.

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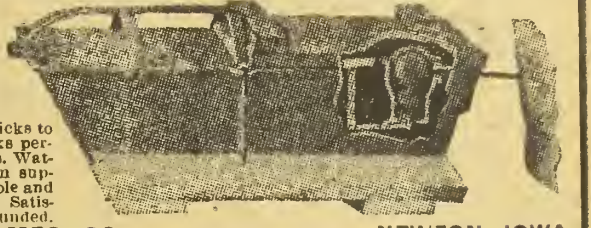
## THE VITAL POINT

In a hog waterer is the valve. In the Hawkeye Automatic will be found a valve made by a metal ball resting on a rubber seat. Metal never sticks to rubber. Result is the valve works perfectly. No leakage; no mudholes. Waterer can be set any distance from supply; holds 5 gal.; is simple, durable and inexpensive. Thousands in use. Satisfaction guaranteed or money refunded.

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HIGHEST QUOTATIONS AND QUICKEST RETURNS.

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holds true for all kinds of young stock and dairy cows.

Disking timothy meadows this spring is right or wrong. If you wish to kill the timothy and get the meadow into clover it is the way to do it. If you wish to keep the timothy alive, disk is rough treatment.

Little pigs would make splendid pets for the fashionable homes (?) of the 400 where babies are prohibited. The work of carrying a pig, three months old, in their arms might seem a little fierce to some of the ladies, but they would have the satisfaction of having a pet that is many times handsomer than a bull pup.

It is a great deal better to disk ten acres per day and do good work than to skim over twenty acres in a day and spend the next day bragging about it.

## THE MARKETS.

Chicago, March 20.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Apr. 13..	135	287	12,782	3,353
Mon., Apr. 15..	32,048	940	49,475	23,339
Tues., Apr. 16..	2,560	7,250	9,792	16,825
Wed., Apr. 17..	2,337	2,337	27,947	19,158
Thurs., Apr. 18..	3,095	3,095	27,353	9,844
Fri., Apr. 19..	1,746	397	20,269	5,219
Sat., Apr. 20..	1,500	200	11,000	1,500

Total this w.k. 68,260 14,219 145,386 75,885  
Previous w.k. 56,569 13,773 137,172 83,641  
Cor. w.k. 1906. 51,573 13,828 102,304 72,582

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Apr. 13..	350	22	4,266	1,941
Mon., Apr. 15..	8,630	22	13,320	8,363
Tues., Apr. 16..	3,843	70	3,633	2,933
Wed., Apr. 17..	5,597	16	7,123	3,902
Thurs., Apr. 18..	5,606	89	6,493	4,097
Fri., Apr. 19..	4,086	89	5,571	2,946
Sat., Apr. 20..	500	200	2,600	1,000

Total this w.k. 28,262 197 38,740 23,241  
Previous w.k. 25,373 273 35,850 23,793  
Cor. w.k. 1906. 22,215 67 25,418 15,999

## OTHER MARKETS.

St. Joseph, Mo., April 20.—Cattle—Receipts, 200; nominal. Hogs—Receipts, 3,500; 2½¢ higher; top, \$6.52½; hulk, \$6.45 @ 6.50. Sheep—Receipts, 300; nominal.

Kansas City, Mo., April 20.—Cattle—Receipts, 100; steady. Hogs—Receipts, 4,000; strong to 7½¢ higher; top, \$6.60; hulk, \$6.47½ @ 6.57½. Sheep—Receipts, 700; steady.

South Omaha, Neb., April 20.—Cattle—Receipts, 100; unchanged. Hogs—Receipts, 6,800; shade to 5¢ higher; top, \$6.45; hulk, \$6.32½ @ 6.35. Sheep—Receipts, 2,100; strong to 10¢ higher; lambs, \$8.60.

Sioux City, Iowa, April 20.—Hogs—Receipts, 3,800; shade higher; range, \$6.30 @ 6.35; hulk, \$6.30 @ 6.32½. Cattle—Receipts, 250; steady.

National Stock Yards, Ill., April 20.—Cattle—Receipts, 400, including 100 Texas; steady. Hogs—Receipts, 3,000; strong; top, \$6.67½; hulk, \$6.55 @ 6.62½. Sheep—Receipts, 200 direct.

## "PEERLESS" CREAM SEPARATOR.

The farmer of today is confronted by many important questions, concerning the preparation of soil for seed, the sorting and testing of seed, etc. There is still a greater question, and one that is a great deal more important, the creaming of milk. Many devices have been sold to the farmer, and all are more or less beneficial. The "Peerless" cream separator solves the question. It is the up-to-date machine. The separator that gets all of the cream and takes it out in better condition, because it is the only combin-

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To all suffering from  
**Stomach, Liver and  
Kidney Diseases.**

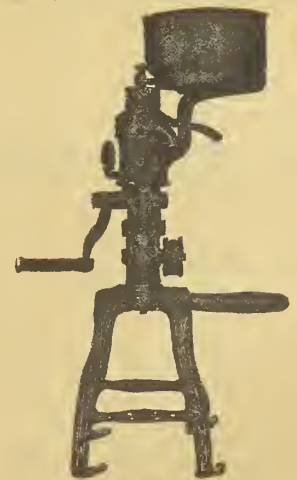


WRITE ME YOUR symptoms, or send name and address for examination blank and get trial treatment free. I will also give correct diagnosis of your case. Will tell whether or not you can be cured and will advise you what to do. I want you to know what my treatment is doing for others. You will be under no obligations to pay me any money. Address.

DR. B. A. STOCKDALE,

401-Union Building, -- Des Moines, Ia.

ation hollow and disk howl on the market. The cream is smoother and more churnable. The "Peerless" has a greater capacity for the size of the bowl. In a test made by a farmer in eastern Iowa, where he run night and morning milk through the "Peerless," 754-pound, he got seventy-nine pounds of cream, which tested 36½ per cent. The next day he tried what is considered one of the old standard machines; he run 771 pounds of milk through and got 73 pounds of cream that tested 35½ per cent. Figure it up at the present price and you will see that the



"Peerless" is saving him about \$1 a day. How many farmers can afford to lose \$1 a day. Buy the up-to-date "Peerless" and save it all. Send for catalog No. 14 and prices. Manufactured by Waterloo Cream Separator Co., Waterloo, Iowa.

DR. STOCKDALE, A SPECIALIST.

We wish to call the attention of our readers to the advertisement of Dr. Stockdale, which appears on this page of The Homestead. The doctor makes a specialty of treating certain chronic diseases by mail, and has had phenomenal success. He is not a young man, but a man who has profited by years of experience in this line. Dr. Stockdale is a competent and conscientious physician who gives his personal attention to all patients. He has a perfect system of correspondence, and his own special symptom blanks, which enable him to diagnose and treat successfully those who cannot call at his office to see him. If you are suffering from any chronic disease, we would suggest that you write and get the opinion of Dr. Stockdale.

## FREE TO MEN

Sent Positively Without Cost.

This is a bona fide offer to any man suffering from any of the diseases peculiar to men and is made by Dr. Rankin to give every man an opportunity to test, without cost, his superior and original methods. **One Week FREE Treatment**

If you need medical advice, why not get the best? This one week's treatment, absolutely free, will convince you.

Dr. W.D. Rankin, Dept. 18, 136 W. 34th St., New York.

## Traction Engines For Sale.

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

THE O. S. KELLY MFG. CO.,

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## SHEEP.

## CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

CHANDLER BROS., Chariton, Iowa

## More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free. MYERS-BOYD COMMISSION CO., ST. LOUIS, MO.

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

## GOATS.

## 2,000 HIGH GRADE ANGORA WETHERS.

One and Two Years Old. THESE goats can be used for brushing and then fed and sold for mutton. Come and see me or write. Address, WYATT CARR, Collins, Iowa. Farm 3-4 ml. from depot. Phone 44





## ADVERTISING NOTES.

Three hundred thousand red cedar trees are offered for sale by Messrs. Garland & Fowler, of Afton, Iowa.

Northern grown seed corn, seven varieties, and sold under the Holden test, is offered for sale by the Gateway Nursery Company, of Le Mars, Iowa.

The Anchor Fence & Mfg. Co., of Cleveland, Ohio, advertise a woven fence which is claimed to stand up well and can be put up by anyone. Send for their free fence book No. 12 which tells all about their fences. See page 14.

Why not investigate Colorado lands in the "Sunny Sau Luis Valley" of that state. It is a land of good things for the farmer and stockman, also the investor. Write Mr. C. B. West, Alamosa, Colo., for free booklet, mentioning this paper.

The Kemper Disk Furrow Opener, manufactured by the Walker Manufacturing Company, of Council Bluffs, Iowa, will increase the yield of corn, cane or cotton at least 25 per cent. Write for free illustrated circular which tells you all about it.

For Canada wheat lands in Paradise Valley, northern Alberta, one of the finest farming countries in the world, write for maps and descriptions to Mr. W. T. Stevens, 214 Endicott Bldg., St. Paul, Minn. Kindly say that you saw this offer in The Homestead. See page 19.

Virginia offers great opportunities to the homeseeker. The climate is mild and healthy, the soil is rich and a little money will go a long way in purchasing improved lands. For further information write to Messrs. C. M. Berg's Sons & Gaeb, of Richmond, Va., mentioning The Homestead. See page 19.

Gade Brothers Mfg. Co., Iowa Falls, Iowa, are advertising a fine line of air-cooled gasoline engines. They can supply you with different horse power. The advantages of cooling the gasoline cylinder with air are well set forth in their catalog which they send for the asking if you mention this paper. See page 3 for their advertisement.

The most timid lady driver can handle a driving horse perfectly under the most trying conditions if the bridle is equipped with the Beery bit control. Your dealer should have them in stock. However, should this not be the case write direct to the inventor, Prof. J. A. Beery, Pleasantville, Ohio, mentioning The Homestead. See page 5.

A pine needle pillow is advertised on page 20. This pillow will give a room a most delightful pine tree fragrance that will last indefinitely. Only those who have grown to enjoy the fragrance of pine needles will appreciate this offer. Send fifty cents to C. F. Merriam, Eureka Springs, Arkansas, and the pillow will be shipped. Remember to mention this paper.

Among the commission firms which are out for wool is the Myers-Boyd Commission Company, of St. Louis, Mo. Wool shippers of the Southwest or any portion of the corn belt will do well to write for prices and information regarding shipments. This firm handle small and large shipments with the same care. Address them as above, mentioning The Homestead.

Floyd county, Iowa, contains some of the finest and richest land of the corn belt. Farms in this county are now being offered for sale at prices ranging from \$55 to \$90 per acre. Choice South Dakota lands are also listed. For prices, terms or further information write Land Dept., Farmers and Merchants Bank, Floyd, Iowa. See page 19 and mention this paper when you write.

## FIVE TO EIGHTEEN BUSHELS CORN TO ACRE

would be a small crop indeed, but when this amount is the increase over the ordinary crop secured by the use of the Morecorn Sorter and Grader the proposition is worth considering, is it not? The Morecorn Sorter sorts seed corn for length, width and thickness. It is claimed that as small a difference as one-thirty-second of an inch will differentiate between the grades of corn which it sorts. This sorter is inexpensive and is made to last, with proper care, indefinitely. Literature explaining fully the sorter and the good results which is accomplished will be sent to anyone writing to the

Monarch Self Feeder Company, 95 Main St., Cedar Falls, Iowa. When you write please mention The Homestead.

## THE HURST POTATO SPRAYER

Sprays not only potatoes, but trees, garden truck and any other small crop. It is guaranteed for five years and is sold at wholesale prices. Agents are wanted. Write for spraying guide and full information to M. L. Hurst Mfg. Co., 86 North St., Canton Ohio.

## A FRANKLIN COUNTY FARM.

Mr. C. W. Soesbe, of Greene, Iowa, is offering a 240-acre farm in Franklin county, Iowa, at a big sacrifice. Mr. Soesbe is a well-posted man on farms, and if he pronounces this farm a bargain at the price he asks for it, it will be well worth your time to investigate. The farm is well improved, has good soil, near good market center, in fact, it is one of the best farms in the county. Write Mr. Soesbe and mention The Homestead.

## EARLY SEED CORN.

Under the above head readers will find the advertisement of several varieties of eighty-day corn which should be especially adaptable to the northern part of the corn belt. This corn has been tested and will be priced reasonably to buyers. As this is the last time this advertisement will appear we would advise you to put a pin in it and write to Ratekin's Seed House, Shenandoah, Iowa, for prices, mentioning The Homestead. See page 10 for advertisement.

## IT SAVES TIME.

The combined riveting and stitching tool advertised on page 9 will save a good many hours of time in mending up rips and tears on the harness. This little tool is made for the use of the farmer or horseman, and an amateur with it can do very neat work. Agents are wanted to sell this machine in every community. If you are interested write to the J. B. Foote Foundry Company, Dept. 433, Fredericktown, Ohio, stating that you saw their advertisement in The Homestead.

## GET A FREE TICKET.

This is a hard thing to do since the anti-pass laws went into effect, but Messrs. Gillilan Bros., 555 Temple Court, Minneapolis, Minn., will tell you how to get one to go and see their bargains in farms in Minnesota, North Dakota or Canada. They are in a position to show you some exceptionally good bargains in farms, some of which can be purchased on the crop payment plan. See their advertisement on page 19 of this issue of The Homestead and mention this paper when you write.

## A PERFECT SEED BED.

Under the above caption Duane H. Nash, Box 44, Millington, N. J., has edited a book which should be in the hands of every thoughtful grain grower. Besides containing articles by well-known agricultural authorities on timely topics, it illustrates and describes the Acme Harrow. This harrow cuts and pulverizes plowed ground, putting it in the best of condition for a perfect seed bed. Ask your dealer to show you the Acme Harrow. If he hasn't one in stock write direct to Mr. Nash, addressing as above.

## A FINE STOCK RANCH FOR SALE.

The Mylander Ranch of 1,550 acres, considered one of the finest ranches in Nebraska, is offered for sale by Messrs. Buchanan & Patterson, of North Platte, Neb. It is a great alfalfa ranch, fenced and cross fenced, with a complete water plant, wind mills, etc.; plenty of timber, 120 acres of tillable corn land, with hundreds of acres that will make the best corn and alfalfa land. The improvements are first class in every particular. If taken soon will be sold for \$20 per acre, and will double in price in two years. Here is a great bargain for someone who cares to invest. When writing kindly mention The Homestead.

## "GOPHER DEATH."

The time to rid your place of ground squirrels and all kinds of gophers, prairie dogs and other rodents is in the early spring. A package of "Gopher Death," 1,400 prepared tablets for \$1.25 does the work to perfection. The Ft. Dodge Chemical Company, of Ft. Dodge, Iowa, manufactures Gopher Death, and will be pleased to send every reader of this paper a free illustrated circular, telling all about the habits of gophers, ground squirrels and other rodents. We can

## HUNDREDS OF MEN



Have Taken Our Advice and Treatment.

Now They are Strong and Vigorous



Rich men, poor men, men in every walk of life from bankers to laborers, have during the many years we have practiced been cured of various Diseases, such as Blood Poison, Nervous Weakness, Weakened Vitality, Urethral, Prostatic, Kidney and Bladder Troubles, Pelvic Diseases, Varicocele, Hydrocele, Skin Diseases, Rectal Troubles.

Some came to our office for treatment, others were unable to do so and took our home treatment. Today, these men are healthy and strong, free from every trace of their former affliction.

Hundreds of men are still suffering. If you are one of them, discouraged and despondent about your condition, call on or write to us immediately. There is no need for you to go through life suffering and unhappy. There is a way, simple and inexpensive, by which you can regain your health and strength. Hundreds have grasped the opportunity with gratifying results. Will you try it yourself?

If you are skeptical or doubt it, we gladly accept the chance to prove it to you. Prove it in a manner that will cause you

Office Hours 8 A. M. to 8 P. M.

Sundays 9 A. M. to 1 P. M.

**DRS. FELLOWS & FELLOWS CO.,**  
Suite 323 Rollins Block, Des Moines, Iowa.

64  
PAGE  
BOOK  
FREE

As a means of acquainting everyone with our methods and our treatment we have published a 64-page book containing a full explanation and valuable information on all diseases peculiar to men. Those living out of town can have one of these books free of charge by writing a postal or letter. Book will be sent in a plain sealed envelope.

heartily recommend Gopher Death to every reader of this paper. It certainly does the work and does it well. See advertisement on page 3 and kindly mention this paper when writing.

## ABSORBINE FOR CUTS.

"I have been using your Absorbine on my cut and it is healing up all right. I have been using it for two weeks, and the sore was fourteen inches long and open three inches, and it has now come together so it is only four inches long and one inch wide. I think Absorbine is all right," writes Hans Stalley, of Atwood, Ill., under date of July 16, 1906. Absorbine is an antiseptic preparation, healing and soothing. Will heal a cut so that it will hair in and leave no signs of the accident. Two dollars per bottle at druggists and harness dealers, or sent express prepaid upon receipt of price. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

## FARM SCALES FOR \$45.

At this price a farm scale which is guaranteed to be made of first-class material throughout should certainly be an attractive proposition. For forty years Jones of Binghamton, Binghamton, N. Y., has been making farm scales. He is so well satisfied that he is putting out a superior scale, that he is prepared to place these scales with users on trial. From time to time we have had something to say about Jones of Binghamton and his scales. We earnestly desire that our readers will inform themselves on this offer by writing for full particulars. Make your request to Jones of Binghamton, Box 418, Binghamton, N. Y. The advertisement will be found on page 6.

## GASOLINE ENGINES, HAY TOOLS, FEED MILLS.

Farmers who intend to install stationary pumping and portable engines should write to the Casaden-Vaughan Co., Waterloo, Iowa, for prices and descriptive matter of these engines. This firm also builds hay stackers, rakes, power and feed mills and thrashing machinery, which are to be found in stock at leading dealers throughout the state. Should your dealer not have them on hand you can write to the firm direct and secure the same proposition that you would be able to through your home dealer. When writing this company for descriptive matter kindly mention this paper. The advertisement appears on page 5.

## EVERYONE MAY SECURE A BUGGY

At rock-bottom prices by buying direct from the factory of which R. M. Knox, of Waterloo, Iowa, is president. This firm have been advertising in this paper for the past six years and have always had something good to sell to our readers. This company offers a first-class top buggy on thirty days' trial for \$45 on page 5. A full description and a cut of the vehicle appears there. The company states that if you are anxious for quick delivery you can order direct from the advertisement. However, they will send you a big huggy book which tells all about their complete line of vehicles. When writing to these people address, R. M. Knox, President, Western Harness & Supply Co., 613 Commercial St., Waterloo, Iowa. Write today.

## QUALITY IN FLINT COAT ROOFING.

Quality is the one prime essential in any roofing material. The price is barely a matter of figures, and small ones at that, when the roofing is a high grade. In such a case the price is long forgotten before the roofing shows wear. Quality in Flint Coat roofing is obtained by the impregnation of rock asphalt in the coating material of the felt sheets. Asphalt is one of the most durable water-proof materials known to manufacturers today. Flint Coat roofing is delivered at your railway station in full-sized rolls ready to lay. This includes nails and cement. Prices are quoted on page 15,

and when you order kindly mention The Homestead. Address your order to the Rock Asphalt Roofing Company, Commercial Station, Dept. D, St. Paul, Minn.

## PRACTICAL IRRIGATION.

A thirty-six page pamphlet has just been issued by Fairbanks, Morse & Co., of Chicago, Ill. It deals very thoroughly with the mechanical irrigation problem and contains much interesting and valuable information with reference to the many different types of pumping machinery used for this purpose. There are many fine half-tone illustrations showing irrigation plants in actual operation. These installations cover a wide range of service, including pumps operated by gasoline engines, steam pumping machinery, electrically driven pumps and pumps operated by windmills, and the advantages of each clearly defined. This is probably the most original and complete treatise ever issued on the subject. A copy of this pamphlet No. 603PI will be mailed free of charge to interested parties.

## A VALUABLE BUILDING MATERIAL.

Lino-felt is one of the latest materials to be used in house construction. Lino-felt is made of a flax fiber stitched between two sheets of resin-coated building paper. This produces a paper which is probably the best non-conductor of heat and cold that is to be found on the market. Anyone who is soon to build should by all means obtain samples of Lino-felt, as it is claimed by those who have tried it to be a superior building paper. By actual test it has proven to resist the passage of heat nearly 50 per cent better than any other material for this purpose known. Lino-felt may be used not only in houses but in barns and other outbuildings where warmth and protection are desired. Write for samples and prices to the Union Fiber Co., 16 Harvester Ave., Winona, Minn. Mention this paper in your correspondence.

## EARLY SEED CORN.

The unexpected happens every year, and disappointments will continue as long as time lasts. On page 10 will be found the advertisement of Ratekin's Seed House, of Shenandoah, Iowa, of early seed corn. In a private letter they say that there is never a year passes but what there comes a time when floods, cold, wet weather, hailstorms and other casualties come and that they have a great demand for extra early varieties of seed corn, and that it is seldom they are able to supply the demand made on them. They are, however, better fixed in this line this year than ever before. See their advertisement and preserve it, and if you are unfortunate enough to have to plant late or replant your crop, you will know where to get seed at a reasonable price. The address is Ratekin's Seed House, Shenandoah, Iowa.

## OPENING TO HOMESTEAD SETTLEMENTS.

A bill has recently been passed by congress authorizing the opening of a part of the great Rosebud Indian Reservation of southern South Dakota to homestead settlement. This settlement will be found largely in Tripp county and will no doubt offer as good opportunities as any reservation heretofore opened. The Rosebud Times is a paper devoted largely to local interests of that part of the country and will keep its readers posted on the most advanced news and developments regarding the opening of this land. The date for placing before the public has not been fixed, but the opening will be some time this coming fall. More than a million acres will be apportioned out between homesteaders. The only way to keep posted on matters pertaining to this grand opening is to watch the columns of the Rosebud Times which is published by Mr. Otis J. Baughn, of Gregory, So. Dak. The subscription price is \$1.50, which is cheap considering the information it will disclose to its readers. Send in subscription

## Wealth in Irrigation

New Opportunities to Acquire Home and Independence  
Cheaper than Paying Rent—Crops Large and Certain

On Tuesdays, May 7 and 21 and June 4 and 18, 1907, I will personally conduct you to this LAND OF OPPORTUNITY, to the growing towns and fertile, irrigated valleys of the Big Horn Basin, Wyo., where you can enter 160 acres of irrigated land at 50c. an acre plus cost of water; also the Yellowstone Valley with its beet sugar factory and irrigated lands. Do you want to go?

The Government is spending millions for irrigation in these localities.

These lands, adjacent to the Burlington Route, are as rich and productive as any the sun shines on, and lie along beautiful streams with an abundance of pure mountain water. Plenty of timber and coal. Climate, ideal.

Why pay rent when for same payments you can own your own home?

I am employed by the Burlington Route to show these lands and my services to you are free.

SPECIAL ROUND TRIP RATES from Omaha, Lincoln and Kansas City, \$20. St. Louis \$23. Chicago \$25. Excursions leave Omaha 4:10 p.m., Lincoln 6:00 p.m., Kansas City 9:50 a.m. and 6:05 p.m., St. Louis 8:02 a.m., and Chicago 9:15 a.m., on dates named.

NEW FOLDER FREE. For our new folder with large map, telling all about these lands, the markets, what the farmers raise, how to acquire title, and much other valuable information, write to

D. Clem Deaver, General Agent,  
LAND SEEKERS' INFORMATION BUREAU,  
1009 Farnam St., Omaha, Neb.

3390

Burlington  
Route



# LANDS AND HOMES FOR SALE

## The CANADIAN West is The Best WEST

**60 ACRES FARMS IN WESTERN CANADA FREE**

THE testimony of tens of thousands during the past year is that the Canadian West is the best West. Year by year the agricultural returns have increased in volume and value and still the Canadian Government offers 160 acres free to every bona fide settler.

**GREAT ADVANTAGES**

The phenomenal increase in railway mileage—main lines and branches—has put almost every portion of the country within easy reach of churches, schools, markets, cheap fuel and every modern convenience. The ninety million bushel wheat crop of this year means \$4,000,000 to the farmers of Western Canada, apart from the results of other grains as well as from cattle.

For literature and information address Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent, W. F. Bennett, 801 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 215 Jackson St., St. Paul, Minn.

## FARMING for PROFIT

IN WESTERN CANADA

### Where WHEAT Is King

There is no country on earth that offers the inducements and opportunities for profitable farming offered by Western Canada. The wonderful fertility of the rich soil, the clean open prairie make farming easy and quickly profitable, and the tremendous yields of Hard Wheat enable a man to realize on his labor and investment more quickly than in any section or country in the world.

WE OWN AND CONTROL

**Over 500,000 Acres**

IN THE CHOICEST DISTRICTS. WRITE US FOR MAPS, PRICE LISTS, ETC.

**STEWART & MATHEWS CO., LTD.,**

187 Water St., WINNIPEG, CANADA, 305 Jackson St., ST. PAUL, MINN.



## Wheat Means Money for You

The more wheat your land will produce, the more money you will have at the end of the year. The reports to the Government for 1906 give an average of twenty-six and one-half bushels of wheat per acre, showing the richness of the

## Last Mountain Valley Lands SASKATCHEWAN

Send 15c. for our beautiful, new photographic souvenir, entitled "The Lake and the Land of the Last Mountain Valley." We also send Twentieth Century Atlas of Canada.

Maps, descriptive matter, etc., on request.

**Wm. Pearson Co., Ltd.**  
307 Northern Bank Building  
Winnipeg, Canada.

## At Estevan, Saskatchewan "Rosy Promise Has Ripened Into Reality."

MEN of means may here invest surplus funds and watch dollars grow while they wait. Crops ripen plenty profit. We provide renters if you wish, but you can prosper proportionately to come and sojour among us. Renters east cannot know, and pay in rents the price of homes and prosperity here. Our locality may not be the Cream of Creation, but a land of prosperity. Instead of watching our smoke at a distance, buy land, secure an Estevan snap and rejoice with us. Generous crops cause gentle smiles. At Estevan no adversity with sorrowful countenance. There is a reason why. Ask and we will explain more. Our Homeseekers' Guide and a weekly newspaper, published at Estevan, Sask., will be sent for a time (free of charge) for the asking. Each will bring to you much information of our locality. The kind of profitable investment, of opportunity, of prosperity. Mention The Homestead.

**THE NELS MIKKELSON LAND CO.,**  
Pioneer Prosperity Promoters,  
Estevan, Sask., Canada

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

**FOR SALE OR EXCHANGE:** 240 acre eastern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

**FOR SALE:** In Henry County, Mo., fine farm, 200 acres, 2 miles from Brownstown, Mo., and 90 miles from Kansas City; 100 acres improved, 40 acres timber, new house and barn, some fruit trees. Price \$4,500 cash, balance on 3 years' time. Write Western Stone-ware Co., Monmouth, Ill.

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. **HAZEL J. MEEK,** Chillicothe, Missouri.

## TO THE LANDSEEKER.

PLEASE write for up-to-date list select western Iowa, South Dakota farms. Lowest prices from owners direct. S. R. Lucas, Anthon, Iowa.

**TO EXCHANGE:** Good 640 acre farm in Wilkin County, Minn.; 463 acres in Dunn county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

**SOUTH DAKOTA FARM**—320 acres good land, rich, 1/2 mile from town, some improvements, \$22 per acre. Address, C. B. Powers, Minneapolis.

## Virginia Farms of Value.

- (1) Magnificent estate, 1,000 acres, gently rolling, productive in grass and grain. Historic colonial style buildings. Glorious views. Close to city, in a beautiful country. \$100,000.
- (2) Genuine blue-grass farm, 1,654 acres, nearly all in sod. Easy reach of Washington. In the horse, cattle and sheep region, \$53,000.
- (3) Grazing farm of distinction in southwest Virginia, 1,000 acres, 700 now in Kentucky blue-grass sod. A money-making proposition. \$35,000.
- (4) Tidewater home of beauty, 600 acres, improved by colonial dwelling, 130 feet long, 18 rooms, in excellent condition. Lawn 8 acres, handsomely shaded. Six acres of orchard. Property overlooks Chesapeake Bay. Good bathing, boating and hunting. Oysters in abundance. Price, \$35,000.

Register of 150 farms free. Ten hunting preserves.

**H. W. HILLEARY & CO.,**  
Charlottesville, Virginia

Wanted to buy good, small to medium-sized improved farm adjoining town. Possession this summer or fall; particulars first letter. Otto Withnauer, Anita, Ia.

today. Read the advertisement on this page. Mention this paper when you write.

**WHOLESALE PRICES ON LIGHTNING RODS DIRECT TO FARMERS.**

Mr. Jos. Barnett, of Barnett & Co., of Riverside, Iowa, makes his initial announcement in this issue on page 11, setting forth not only the advantage of Pure Copper Cable Lightning-Rods, but he may be justly styled the farmers' friend, in that he places the very best possible 98 per cent Pure Copper Cable within the reach of all. He makes wholesale prices direct to farmers with instructions how to put the rods and points up so as to have absolute protection from that dread experience of lightning. We have been to the factory where Mr. Barnett's Copper Cable is manufactured and have examined the single strands of copper wire entering into the construction of his cables, and can say that it is honestly made and is as good apparently as is possible to make. The cable is continuous from the points on the roof to the moist earth into which they are grounded, thus obviating all joints that might come loose and prove worse than no rod at all. Our readers will find it to their advantage to write to Jos. Barnett & Co., at Riverside, Iowa, at once, mentioning this paper. He can ship to any point in the United States.

**BLACKLEG PREVENTIVE.**

With the coming of spring this disease is again making its appearance and the careful cattle raiser is considering the advisability of vaccinating his stock so as to prevent the ravages of this disease. There is no longer any question but that Blackleg Vaccine will positively prevent the disease, provided a reliable vaccine is used and in ample time. The loss of a single animal due to delay or faulty vaccine will frequently amount to more than the cost of sufficient vaccine for the entire herd. It is to the French scientists that we are indebted for the discovery of a reliable blackleg vaccine. They are recognized as being the greatest authorities on the subject and their vaccines have been successfully used all over the world for more than twenty years. Their vaccines can still be obtained through the Pasteur Vaccine Company, Ltd., of Paris and London, with New York and Chicago offices in this country. Numerous experiments have shown that their cord form, which is called "Blacklegine," is the best and most satisfactory form of blackleg vaccine. Each dose is separate and ready for use, and the necessary instrument is the most inexpensive on the market. The doses of Blacklegine are of a convenient size that can readily be handled and can be seen during the entire operation. There is, therefore, no question as to whether all the animals have been vaccinated when this form of vaccine is used. With other forms there is always a possibility of losing all or part of the dose before it is introduced under the skin of the animal. Furthermore, Blacklegine gives a gradual and increasing immunity, so that it is safer than any other method. The cotton threads which act as the vehicle for the vaccine are composed of cellulose in a pure state and are, therefore, impurities. We would suggest that you write to the Pasteur Vaccine Company, mentioning this paper, when they will be glad to give you full particulars. See page 12.

## 2,500,000 Immigrants landed in the U. S. in one year. Just Stop and Think!

THIS increase in 10 years will make 12 states the size of Iowa. **STOP AGAIN!** Where will land prices on diversified farming and corn lands of Iowa go? Floyd County, Iowa, is in the cream of this corn belt, where crop failures are never known. We have farms for sale in Floyd and adjoining counties, every foot of which can be cultivated; with good improvements, near school on Rural Telephone, at prices ranging from \$55 to \$90. Also good agricultural lands in Day, Brown, Edmunds and Waukegan and adjoining counties in South Dakota. Write or call upon us for lists, maps, prices, terms or further information. Agents wanted.

**LAND DEPARTMENT, FARMERS & MERCHANTS BANK, - - FLOYD, IOWA**

## HAVE YOU SEEN SMITH? W. F. SMITH REALTY CO., OF KEARNEY, NEB.

**WE SELL THE EARTH** Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. **W. F. SMITH REALTY CO., KEARNEY, NEBRASKA**

## UTAH NEEDS MORE FARMERS

BECAUSE its industrial population has grown beyond the production of the farms. Only 3% of the Agricultural Land remains to be developed, so there must always be the highest prices for farm products. Land yields from \$100 to \$200 per acre. Developed land is selling from \$100 to \$3,000 per acre. We have recently placed on the market a new tract of irrigated land on easy terms of payment. We have no more at \$60 per acre but a few tracts at \$70. When this is sold we will advance our holdings to \$80 and then advance it again. Get hold of it now. We will cultivate for you and make it income bearing. Our water supply is its strong recommendation. Write us for full information. Good agents wanted in every community.

**UTAH COLONIZATION COMPANY,**  
607 Pioneer Press Bldg., - St. Paul, Minn.

## A BARGAIN ...240 ACRE FARM... FRANKLIN COUNTY

FINE improvements, good soil, good markets. One of the best farms in the county. Easy terms.

**C. W. SOESBE, - GREENE, IOWA.**

## TAKE A TRIP TO SHREVEPORT

Next Excursion April 16.

YOU can buy good farm lands at \$5 to \$15 per acre. They will rent for \$3 to \$10 per acre yearly. Where can you beat this? Good schools, good churches, good climate and good water. Write today for free literature, booklet and folder telling all about this wonderful country.

**E. N. BROWN, President,**  
Kansas City Southern Land and Immigration Co.,  
652-654 Beals Bldg., - Kansas City, Mo.

## VIRGINIA Welcomes the Northern HOMESSEEKER

NO other State offers such opportunities. The climate is mild and healthy, the soil is rich and a little money will purchase a fine place with good buildings and every convenience. Write us. We will answer all questions. You'll wonder why you never investigated us before.

**C. M. BERGH'S SONS & CO.,**  
1439 Main St., - Richmond, Va.

## FARMERS, READ THIS!

IF you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write us for prices and terms and we will tell you how to get a free ticket to see our lands. **Gillian Bros., 555 Temple Court, Minneapolis, Minn.**

**FOR SALE OR EXCHANGE:** 300 acres Mer cer county Missouri, improved, good land. 246 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151 Independence, Iowa.

**Homeseeker, be careful. Locate right.** Investigate our famous Artesian Valley. Sure crops, matchless climate. Let us write you. **Miller & James, Mende, Kansas.**

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 730 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**SHEEP RANCH** 480 acres, 3 miles from railroad town; 100 acres in cultivation, creek bottom; fair buildings, family orchard, well, creeks and springs. Price \$3,000. Smaller places; send for free list. **R. H. Hawkins, Crocker, Missouri.**

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**LARGE** highly improved Eastern Washington farm **FOR SALE**, including stock and farming implements. Full information upon application. **Bevis Brothers, Spokane, Washington.**

## 6,000 FREE HOMES

A bill has just passed Congress—February, 1907—authorizing the opening to homestead settlement and entry some time this fall.

## TRIPP COUNTY, S. DAK.,

a part of the great Rosebud Indian Reservation of southern South Dakota containing more than 1,000,000 acres of fine farming land. You will want to keep posted on the Tripp county opening. **THE ROSEBUD TIMES**, published at Gregory, S. D., is the ONLY newspaper making a specialty of matters relating to the great opening this fall.

## THE TIMES FOR ONE YEAR AND A NEW UP-TO-DATE

**MAP OF TRIPP COUNTY BOTH FOR \$1.50.**

Send in your Subscription today to

**O. J. BAUGHN, PUBLISHER,**  
**GREGORY, - SOUTH DAKOTA**

## Canada Wheat Lands.

**PARADISE VALLEY**, Northern Alberta, the finest farming country in the world; wheat runs 50 bushels, oats 100 bushels to the acre; cattle shipped last June averaged 1,600 lbs., fattened on grass. Beautiful park country with clump of trees, mostly open prairie, gently rolling, lakes of good water, ample rainfall; deep black loam topsoil, chrysobell. A few good agents wanted. \$10 to \$14 per acre, easy payments. Write for maps and route to **W. T. Stevens, Manager Paradise Valley Land Co., 214 Euclid Bldg., St. Paul, Minn.**

## THE BEST DEAL YET

offered the actual **HOMESSEEKER** is that of The Duluth & Iron Range R. R. Co., in its Meadowslands district of St. Louis County, Minn. Good land at reasonable prices and on 15 years' time. Write for full information to Land Commissioner D. & I. R. R. Co., 625 Wolvin Bldg., Duluth, Minn.

**IOWA LEADS**—Government crop report shows that Iowa raises more corn than any other state; same with oats and live stock. Send for our new catalog of improved farms, gives full descriptions of a big list of the farms in the richest part of Iowa. Also some for rent and to exchange for other property. Northern Iowa Land Co., Independence, Iowa.

## TEXAS LANDS!

WE have 200,000 acres of choice lands in the Shallow Water Belt, the best farming lands of Texas at easy prices. We want a reliable agent in every community. Write for particulars.

**Brewster-Jones-Callaway, Plainview, Texas**

**TO EXCHANGE:** Good 10-room residence, three acres of land, good flour and feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

**READ "HURD'S PIPE DREAMS"** Write for Free Copy. About the best cheap lands in Texas Coast Country and beautiful Alamo Beach. Agents wanted. Fidelity Immigration Co., 1046 Union Ave., Kansas City, Mo.

## Missouri Farms For Sale.

**PRAIRIE** or bottom land. Write for prices and descriptions. Address, John W. Everman, Gallatin, Missouri. Branch office, Chillicothe, Mo.

**CHEAP** Irrigated Lands—Sunny San Luis Valley. Peas, flowing artesian water; no cholera, high markets; makes hog industry most profitable. Write C. B. West, Alamosa, Colo., for free booklet.

**FOR SALE:** A few choice quarter sections. Free homesteads adjoining for right parties on the new railroad N. Dakota and Montana. Address, 918 Security Bank Building, Minneapolis.



## Dates Claimed for Live Stock Sales.

SHORT-HORNS, ABERDEEN ANGUS AND  
HEREFORDS.

May 1, 2, 3, W. C. McGavock, Mgr., Springfield, Ill., at South Omaha, Neb.  
June 5, 6, 7, W. C. McGavock, Mgr., Springfield, Ill., at Chicago, Ill.

## ABERDEEN ANGUS.

May 1, 2, Combination sale, Chicago, Ill., M. A. Judy, Mgr.  
May 28, C. J. Martin, Cburdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa, L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill., M. A. Judy, Mgr.  
June 18, H. A. Cole, at Des Moines, Iowa.  
June 25-26-27, L. H. Kerrick Est., Bloomington, Ill., W. C. McGavock, Mgr.  
Oct 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

April 30, M. T. Conner, Auburn, Neb.; S. Cochran, S. Auburn, Neb., at Auburn, Neb.  
April 30, S. J. Cochran, M. T. Conner, Auburn, Neb.

May 2, A. Chrystal, Marshall, Mich.  
May 22, R. H. Hadley, New Providence, Ia.  
May 22, Carpenter & Ross, Mansfield, Ohio.  
May 23, Forbes-Prather-Ayres-Hanna, at Chicago, Ill., W. C. McGavock, Mgr.  
May 27, Combination Sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
May 28, Henry Kuper, Humboldt, Neb.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.

May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 11-12, F. O. Lowden, at Chicago, Ill.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Sept. 24, L. B. Couverse, Maryville, Mo., at South Omaha, Neb.

Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 14, J. R. Mausfield & Son, Wisner, Neb.  
Oct. 15, J. R. Mausfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McCleau, Rock Valley, Iowa.

Oct. 29, John Rasmussen, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

## HEREFORDS.

May 2, Gudgell & Simpson, Independence, Mo., at Kansas City, Mo.  
May 8, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
May 15, Mrs. C. S. Cross, Emporia, Kan.  
June 18, Hood & Baker, Dunlap, Iowa.

## POLAND CHINAS.

Oct. 16, John Blaine, Pawnee City, Neb.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.

## POLLED DURHAMS.

Oct. 5, Jas. Wilson & Sons, Avoca, Iowa.

## RED POLLS.

June 12, W. H. Lake, Hampton, Neb., H. F. Stubbs, Bradshaw, Neb., at Lake farm.

## DUROCS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
Feb. 1, Dr. J. A. Dowus, Glidden, Iowa.

## O. I. C. SWINE.

Oct. 10, J. S. Kennedy, Blockton, Iowa.  
POLAND CHINAS AND DUROC JERSEYS.  
Oct. 19, E. A. Olive, Scranton, Iowa.

## FIELD NOTES.

Short-horn bulls are offered for sale by Mr. Jas. T. Dollison, of Sac City, Iowa.

Ten head of Junior Jim gilts are offered for sale by Mr. Austin Renshaw, of Blair, Neb.

Mr. Carl Hansen, of Herman, Neb., has a few choice fall Duroc Jersey boars for sale.

Polled Durham bulls are offered for sale by Messrs. Jas. Wilson & Son, of Avoca, Iowa.

Mr. U. G. Davidson, of Manson, Iowa, is offering a few Crimson Wonder 1 Am sows for sale.

Red Polled bulls and heifers are offered for sale by Mr. H. N. Hanson, Box 7, Brayton, Iowa.

Some good Percheron stallions are being offered for sale by Mr. G. C. Harrison, of Blencoe, Iowa.

Mr. C. C. Norton, of Corning, Iowa, is offering some very excellent young Cruickshank bulls for sale.

Galloway bulls are offered for sale by Mr. W. W. Scholes, of Onawa, Iowa. He is pricing these cheap for quick sale.

Large Improved English Yorkshires, from the best imported stock, are offered for sale by Mr. F. Rubeler, of Leigh, Neb.

Some good young Scotch bulls are being offered for sale by that well-known Short-horn breeder, Mr. Ernest Funke, of Greenfield, Iowa.

Messrs. C. W. Daws & Son, of Harlan, Iowa, are offering a few very excellent young Scotch bulls for sale, and they are bred in the purple.

If you want Hereford bulls read the advertisement of Mr. A. F. Hagar, of Avoca, Iowa. He has several for sale, including one imported bull.

Missouri and Kentucky jacks are offered for sale by Mr. C. T. Gollehon, of Blair, Neb. He also has Percheron stallions and mares for sale.

Some fall Duroc Jersey boars sired by the second-prize Iowa State Fair boar, Tom Davis, are offered for sale by Mr. W. J. Prather, of Russell, Iowa.

Mr. Roy West, of Bondurant, Iowa, who topped the Johnson Bros. & Newkirk sale last winter with Bessy Advance 3d, has six fine pigs from her, sired by Perfect King, that are the pride of his pens. The other

sows are doing finely and the March crop will number close to 100 pigs. We are glad this young Duroc Jersey breeder is being smiled upon by fortune.

A few good Scotch and Scotch-topped bulls, sired by Imp. Scottish Pride and Imp. Lord Mount Stephen, are offered for sale by the Ardmore Stock Company, of Holstein, Iowa.

A choice lot of Berkshire fall gilts are offered for sale by Mr. C. J. Martin, of Cburdan, Iowa. There are some decidedly showy ones among the bunch and he is pricing these right.

Lord Tennyson 48208, a 2,200-pound gray Percheron stallion, and one of the best in the West, is offered for sale by Mr. J. S. Golder, of Scribner, Neb. He also has others for sale and at very reasonable prices.

Mr. J. C. Spearman, of Papillion, Neb., one of the best young live stock auctioneers in the West, is now booking dates for fall and spring sales. Mr. Spearman is all right and will make you a good sale. Write to him and book your sale date.

Messrs. Allen Bros., of Russell, Iowa, breeders of Improved Chester Whites, advertise some thrifty young boars for fall breeding. They have been carefully selected from a bunch of twenty and have been kept growing all winter. Jack the Ripper is their sire and is a fine type of hog from his toes to his top line. Any man looking for good yearlings will do well to pin this in his hat. The advertisement appears on page 25, and those writing will confer a favor on both this paper and the advertisers by mentioning The Homestead.

Mr. H. S. Allen, of Russell, Iowa, one of the best-known Duroc Jersey breeders in the state, has several fall boars for sale sired by the Iowa State Fair sweepstakes boar, Crimson Wonder Again, and Top Notcher Again, the World's Fair boar. He says three of these boars are good prospects for show and will sell them worth the money, as he must make room for spring crop. He says he has eighty spring pigs up to date and some sows to farrow yet. Some enterprising breeder might drop in on Mr. Allen and pick out a boar that will do him a lot of good. Write him, anyway, if you are on the market for a pig.

Mr. Frank Festl, of Nora Springs, Iowa, writes as follows regarding the Hereford cows and heifers which he is advertising on page 22: "The stock which we are offering for sale is in good, thrifty condition and should be in nice shape to go onto grass for summer grazing. The calves are sired by Doncaster, a son of Lamplighter. More or less Anxiety blood prevails in this offering. Doncaster is closely related to Beau Donald, and he is proving a first-class sire. He could be made to weigh 2,400 pounds easily, and people buying our cattle will secure plenty of size and good fleshing qualities." Kindly mention The Homestead when you write.

Virginia blue grass is noted for its luxuriance and grazing qualities the world over. At present there are for sale at a bargain magnificent estates, as well as small farms. Much of this land has been held by people who have disregarded the necessity of keeping up the fertility of the soil. Some of these farms have the very best of improvements. Unexcelled opportunities no doubt are offered to the right individuals for investment in Virginia land. It is a beautiful country, as well as a prosperous one. A register of 150 farms listed in all states will be sent free by addressing Messrs. H. W. Hilleary & Co., Charlottesville, Va. This firm list a few farms on page 19. Mention The Homestead when writing.

Mr. J. S. Kennedy, the well-known breeder of O. I. C. swine, located at Blockton, in southern Iowa, will hold a fall sale October 10th at which time he will offer some very choice spring and fall yearlings of both sexes. This herd contains much noted breeding and at the head will be found Lookon King (13447), a premium winner taking four ribbons in as many classes at the Indiana State Fair in 1903. He has proven his merit as a breeder. As assistant herd boar Blocky Boy stands as an exceptionally good yearling, also Dandy Boy, a son of Prescott Boy, the champion at the Iowa State Fair. This will be a sale of attractive stock and announcements will appear in due time.

Imported and home-bred draft stallions and mares are offered for sale by Mr. Geo. W. Bilbo, of Creston, Iowa. This firm was formerly composed of Messrs. Bilbo & Wilson. At present the stables of this dealer have some very good specimens of Percherons and English Shires, all from imported stock. Every animal that is sold from this farm is guaranteed to be sound and first-class in every respect. Mr. Bilbo is an extensive land owner in the vicinity of Creston and manages his farm personally. Selling stallions is a feature of this business. If any of our readers are looking for some high-grade young stallions at moderate prices they should write to Mr. Bilbo, addressing him as above. Kindly mention The Homestead in any correspondence you may have with this advertiser.

Mr. August Voge, of Portsmouth, Iowa, is in full bloom this spring with a crop of 160 spring pigs, backed up by fifty fall pigs. These are sired by the first-prize boar, Kruger Lad, also by his well-known prize-winning boar, Crimson Wonder 1 Am 2d, Clearmont's Model, also a first-prize Iowa State Fair boar, Iowa Notcher and Red Knight Again, a son of the sweepstakes boar, Red Knight, and a few by Perfection Boy by old King Perfection. He has certainly got enough pigs from which he can make some good selections this fall. He is particularly fortunate this year in having a yearling sow, a daughter of Ohio Chief II, that bids fair to make them all go some. She is the best thing we have seen this season and it will take a good one to beat her. She is out of a daughter of old Tip Top Notcher and she is as smooth as a ribbon. This sow is particularly fancy in head and ear, a good back and wonderful depth of body, and if nothing goes wrong with her she will certainly be in the winnings and right at the top. Kruger Lad 48581, the first-prize boar at the last state fair, and owned jointly by Mr. August Sonneiland, of Harlan, Iowa, and Mr. Voge, is now coming on in good shape, and it is their intention to show him this fall. He is just beginning to come and if carried along from now

on and continues to do well should come back again this fall and make a good show. Mr. Voge is an excellent fitter and if any man can bring him out he can. From the number of spring pigs that he now has on hand he ought to be strictly in it this fall and winter.

Recently a representative of this paper called on stockmen in the vicinity of Bethany, Mo., and found a good number of enthusiastic men breeding pure-bred stock. Mr. C. E. Tennant's herd of Poland Chinas is headed by a well bred boar, Tormentor, and he is being mated to some splendid sows both from the point of breeding and individuality. Some of the herd will be shown this fall. Mr. Ellis Hill raises Duroc Jerseys and Shropshire sheep. The demand for his stock keeps his surplus disposed of. Mr. D. Brown, a near breeder of red hogs, is making a specialty of Buff Plymouth Rocks and reports good business. On the farm of Mr. J. C. Wilson was found some fine stock in all breeds, including a number of showy standard breeds. Herds and flocks are in good health in this region and the new crop should produce some good breeding stock.

Mr. J. E. Wehr, of Portsmouth, Iowa, one of the well-known and popular Duroc Jersey breeders in western Iowa, reports about seventy-five spring pigs, with seven more sows to farrow. These are sired by Proud Advance Jr., Orion's Model, Minnesota Chief and Young Surprise, boars all owned by himself. He also has a number of litters by other noted boars and has a Proud Advance sow that will farrow soon to Ohio Chief 2d. He is giving the pigs his undivided attention and may be out with the boys this fall at the fairs. Ohio Anna, the dam of Crimson Wonder, was bred to Ohio Chief and he expects something good from this mating. Mr. Wehr has made several good sales and his hogs have given good satisfaction. He is one of the breeders that always stands behind what he sells, and he is one of the most enthusiastic young breeders in the state.

A few high-grade Scotch bulls are advertised by the Ardmore Stock Company, of Holstein, Iowa, on page 22. One of them is Victoria's Pride, a bull of choice quality and a prospective herd header of high merit. He should suit the most exacting buyer. Another choice one is Royal Command, a coming two-year-old sired by Imp. Lord Mt. Stephen and out of Miss Ramsden of Ardmore. This bull is solid red in color, very blocky, is close to the ground and right in every way. There are also several good Scotch-topped bulls for sale at moderate prices, sired by the same bulls mentioned above. Recently the Ardmore Stock Company sold Orangeman, a yearling son of Lord Mt. Stephen, to Mr. Spencer Jones, of Carroll, Neb. Breeders looking for stock of this kind should get into communication with this advertiser at once. See page 22 for pedigree of Victoria's Pride. Kindly mention The Homestead in your correspondence.

A representative of The Homestead recently visited the Hereford herd of Mr. F. W. Hann, of Harlan, Iowa, who is now building up one of the best herds in western Iowa. He has recently purchased at a long price the double-bred Beau Donald bull, Prince Donald 626345, and he is now at the head of the Hann herd. He is one of the best-bred bulls in the state, is an excellent individual and should do much towards bringing this herd to the front. He was shown as a youngster at the International and got fifth place in a class of thirty-seven. Mr. Hann formerly owned the well-known show bull, Ike 77284, and Spartan Grove 2d 153707, and he has a lot of cows and heifers now in the herd sired by these two bulls. These will be mated to Prince Donald with the view of producing the kind of Herefords that they are all looking for. Mr. Hann is one of the enterprising and enthusiastic young Hereford breeders in Shelby county and it is his intention to build up one of the best herds in the state.

Mr. H. S. Allen, of Russell, Iowa, proprietor of the Mulberry Grove herd of Duroc Jerseys, is now booking orders for fall trade. At the head of this herd are probably two of the best breeding boars in the West, namely, Top Notcher Again and Crimson Wonder Again. Mr. Allen is offering some special bargains in fall boars by Top Notcher Again. Three of these are good enough to fit for show and one of them is out of a Proud Advance dam, while the other two are out of Mulberry Queen, one of the best sows on the farm. Besides these, there are good herd headers and also some splendid young boars for farm trade, all of which will be priced below their value, as Mr. Allen writes that the crop of spring pigs is fully up to expectations and will require his full time. Prices will be quoted on a few yearling sows bred to Crimson Wonder Again, and these should certainly prove valuable additions to any herd. Any of our readers who are in need of some good Duroc Jerseys of any age will do well to write Mr. Allen. He is always ready to show buyers something choice. His prices will be moderate, we feel safe in saying, considering the quality and breeding of what he offers. Visitors will always be welcome and correspondence will be promptly answered. In writing kindly refer to The Homestead.

A letter from Mr. J. G. Truman, manager of Trumans' Pioneer Stud Farm, Bushnell, Ill., reads as follows: "I am much pleased to say that our new importation arrived here in first-class condition on the fourth inst. The quality of this shipment has been gazetted in the English journals as one of the most select shipments forwarded to the United States. Our trade continues rather brisk. Among the most noted sales this month is the imported Shire stallion Toneham Harold to Messrs. Lewis & Hodge, Mechanicsburg, Ohio. We consider this colt among the best of his age we have imported. Dousby Meustrel goes to John Smith, Harpers, Iowa. Mr. Smith used excellent judgment in selecting this grand specimen of the Shire breed. Councillor, an imported Shire rising six years old, goes to W. T. Fancher, South English, Iowa. Desford Deacon, imported Shire stallion, rising five years old, we have sold to that enterprising young breeder, D. H. Hellyer, living in the vicinity of Bushnell, Ill. It is needless to say that to satisfy the enterprising breeders of this section of McDonough county, it took a strictly first class draft horse. This horse will undoubtedly be heard from in the show rings, as at the present time in this condi-

## 10 Points to Consider When You Buy A Buggy.

Buy direct from the factory. My \$45 Knox Special Top Buggy is sold that way. No dealer's profit for you to pay. No salesmen or jobbers for me to pay to sell my buggies. I sell direct to you. Get my Knox Buggy on 30 days' trial. Use it a month, test it in every possible way, and send it back if not satisfied. And I will pay the freight both ways.

Be sure your buggy is guaranteed by a reliable maker. I guarantee the Knox for two years. That is another advantage of dealing directly with me.

My \$45 Knox Top Buggy is a comfortable rider. It has a wide, roomy seat. That very same buggy at your



local store sells from \$75 to \$90. So you easily save \$30 in jobber's and dealer's profit.

The body is 24 inches by 54 inches. The gear is oil tempered. Long distance, full clipped axles. Easy riding spring. Full plated reaches.

The shafts and wheels are guaranteed to be split hickory. Oval edge tires.

My Knox buggy is handsomely painted and tastily upholstered.

It has a four how leather top. In short, it's the leader of my big line of buggies, carriages and vehicles of all kinds. Remember, I sell them all straight from shop to buyer, guaranteed, and a big saving to you.

Send for my big buggy book. It's free. Tells more about my line. But order my \$45 Knox Buggy now, right from this advertisement. You are safe. Address

R. M. Knox, President,  
Western Harness & Supply Co.,  
613 Commercial St., Waterloo, Iowa.  
P. S. Have been advertising in The Iowa Homestead for six years.

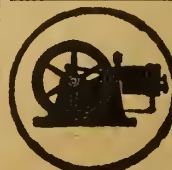
## Lightning Rods

Farmers wanted to buy 98% Pure Copper Cable Lightning Rods. Write for prices and samples to

**JOS. H. BARNETT & CO.**  
Riverside, Iowa

## An Active Retired Farmer.

Who wants to keep his mind occupied is offered a nice position in his county. The pioneers of this country knew the value of Ginseng Roots as a tonic for stomach, liver and kidneys. To middle-aged men and women Ginseng Tonic gives new life and energy. There is demand for it everywhere. Write us at once for a county manager's position. Ginseng Tonic Co., 4552 Forestville Ave., Chicago, Ill.



Holland Engine Co., Dept. L, Cedar Rapids, Ia.

**SOLD ON 3 Months' Trial.**  
1907 model gasoline engines, all sizes. Highest class, simple engines made. Three months' trial will prove it. For general information and prices address,

**PINE NEEDLES**  
Why travel a thousand miles to inhale the aroma of the PINE? We will send a large PINE NEEDLE pillow for 50 cents. Write for particulars. Address, C. F. Merriam, Ozark Mountains, Eureka Springs, Ark.

tion he weighs 2,100 pounds. To Messrs. J. F. Fleming and Zion F. Baker, of Sullivan, Ill., we have sold the brown five year old imported Shire stallion, Buller V, which horse we consider one of the very best we ever imported. While recently imported, this colt weighs over 2,200 pounds and he looks like maturing to a 2,400 or more. Messrs. Baker & Fleming had to pay a long price for this horse, as we intended to reserve him for next fall. To those enterprising breeders, Ed Burnham and T. T. Gray, of Industry, Ill., we sold the imported Shire stallion, Thorney Teamspan II. One thing we are proud of and that is the sales to Mr. Hellyer and Messrs. Burnham & Gray this week make a total of forty-six stallions we have sold in our own (McDonough) county during the last six years. To Messrs. F. A. Pike and H. S. Braun, of Nichols, Iowa, we sold the noted five year old imported Shire stallion, Saxon Jet. All going well, this horse will be seen at the fairs this fall, as we have reserved the show privilege of him. To Mr. James R. McConnell, of Allerton, Iowa, we sold the imported Shire stallion, Bulwark Lion Heart. We are much pleased to report the sale of this colt as it is now some twenty-five years since we sold our first Shire stallion in Wayne county, Iowa. We still have quite a good many strictly first-class Shire and Hackney stallions for sale and feel sure



April 25, 1907.]

that anyone anticipating the purchase of one will do well to see our horses before they buy. We will be pleased to mail our catalog to any of our readers mentioning your paper."

Messrs. Rhea Bros., of Arlington, Neb., well-known Percheron horse breeders, are in receipt of the following letter from one of their patrons: "Cambridge, Neb., March 3, 1907. Messrs. Rhea Bros., Arlington, Neb. Gentlemen:—I thought I would write you a few lines, as I believe a well pleased customer is a square dealer's best advertisement. Well, the stallion I bought of you weighs 2,000 pounds and I think he is the best horse I ever got my eye on, and he is acknowledged by every one the best horse in this end of the state. He will have fifty colts this year and his book is full for the season. I would not look at \$2,000 for him. We have one colt from him and others are coming right along. Thanking you for your kindness and square dealing, and wishing you all kinds of success, I am, yours truly, E. S. Hardin." Messrs. Rhea Bros. have several other young stallions that show as much promise at the same age as the Hardin stallion, and they are selling them at prices that anyone can afford to pay. They have a grand lot of home-bred stallions, ranging in age from yearlings to five-year-olds. They have the best lot of two-year-olds that can be found in the West. These are all blacks, with plenty of size and lots of bone, and they are strictly all right. The boys always sell their own horses, employ no middlemen or agents, develop their horses themselves and can therefore make the price right to suit a customer. Write or go and see what they are offering.

A representative of The Homestead recently had the pleasure of inspecting the Short-horn herd of Mr. George Allen, of Lexington, Neb., which is one of the foremost herds today in Nebraska. The Allen herd is practically a Scotch herd and includes such well-known Scotch tribes as Victoria, Missie, Bravish Bud, Secret, Butterfly, Nonpareil, Matchless, Acanthus, Clara and several other families. For many years and until his death recently, the Allen herd was headed by the noted bull, Godwin 115676, a twin brother to the famous bull, Godoy. He formerly headed the Col. W. A. Harris herd at Linwood and from there went to Illinois and was then purchased by Mr. Allen. He was a son of Imp. Spartan Hero and out of Imp. Golden Thistle by Roan Gauntlet. He died recently, but left behind him something that will live after him. In the last Allen sale at South Omaha his get averaged considerably over \$200, including a lot of young bulls and heifers. He was an excellent breeder and there is every evidence of it on the Allen farm. One of his best sons is Godwin's Best, a two-year-old out of Lady Lavender by Golden Shield, the latter sire being considered by Colonel Harris one of the best ever bred at Linwood. This youngster is a straight Lavender, and his dam cost Mr. Allen \$800. This bull is hard to fault, has a wonderful back and loin, a nice forerib and a smooth shoulder, good head and nice horn, and a splendid quarter. He is a flesh carrier and the making of a great herd bull. Another promising youngster is Acanthus King, one of those mellow-fleshed roans. He is a son of Godwin out of Nellie Acanthus by British Chief. Here is a bull that is good from end to end, and is one of the most promising young bulls we have seen this year. Another great young bull is Lavender King out of a daughter of 4th Grand Baron. He is a yearling, is bred right and is right, and will make a splendid herd bull. Mr. Allen has another well-bred yearling called Nonpareil Duke. He is one of the best-bred young bulls in the herd. Altogether he has ten young Scotch bulls of the very best families, and it will be an easy matter for anyone who wants a herd bull to make a selection here. He has about fifty calves on the farm so far this season, and the herd is in excellent condition. His Shropshires are doing fine and he has 300 yearling rams and 100 yearling ewes. The Allen flock of Shropshires is one of the most noted in the United States, and has won its share of the best ribbons not only at the World's Fairs, but at nearly all the state fairs. If any of The Homestead readers want a good ram or a few choice ewes, or a well-bred Short-horn bull it will pay them to visit Mr. Allen and see what he is offering for sale.

#### HEREFORD BULLS.

Anyone wanting a good young Hereford bull should write or go and see Mr. A. Spooner, of Mondamin, Iowa. He is offering twenty-five of these youngsters for sale, all sired by Beau Donald 12th and ranging from ten months to two-year-olds. He can fill a car load order if necessary or will sell them singly, as buyers want. Write Mr. Spooner about these bulls or go and see them. NOVINGER & SONS OFFER SHORT-HORN HERD BULLS.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., are offering two yearling Short-horn bulls that should go to do service in some good herd. Both are Scotch and while of different types, both are bulls of unusual quality and merit. See page 27 for Messrs. Novinger & Sons' advertisement and write them if in the market for something high class.

#### PUGSLEY'S GALLOWAYS.

A representative of The Homestead recently visited the herd of Galloway cattle owned by Messrs. W. O. Pugsley & Sons, of Genoa, Neb., and was pleased to see every evidence of the high standard maintained here when this herd was founded. From years of personal acquaintance with this herd, and with their foundation stock, we are in a position to say that there are few better Galloway herds on this side of the water. At the head of the herd stands Imp. Wolf 7245 15055, a bull that was shown successfully at many of the leading fairs, and a bull that has proven himself a good sire. He is the sire of nearly all the young things in the herd. Quite a number of the best females were purchased from the famous Wavertree herd, considered, in its day, one of the best Galloway herds in America. Messrs. Pugsley & Son have a number of splendid young bulls for sale, ranging from yearlings to two-year-olds, and they will also sell a few very choice young heifers. Here is a most excellent place to get a foundation for a Galloway herd. When

writing to them kindly mention The Homestead.

#### A FINE LOAD OF HEREFORD RANGE BULLS.

One of the finest loads of range bulls the writer has seen this year is being offered by Messrs. Kater & Smith, of King City, Mo. They range from twenty to twenty-four months, are big and are in first-class condition. It will pay the man hunting a high-class bulls that have quality to look after these at once. See page 22 for Messrs. Kater & Smith's advertisement.

#### SHORT-HORN BULLS FOR SALE.

On page 22 of this week's Homestead will be found the advertisement of Mr. A. B. Clark, of Wayne, Neb., who offers a splendid bunch of young Short-horn bulls for sale. These are sired by such bulls as Cumberland's Hero and Merry Marshal, and are growthy, big-boned fellows. Mr. Clark will sell these bulls singly or he can fill out a load for anyone who wants them. Mr. Clark owns one of the best Short-horn herds in northeast Nebraska. He has just sold a Lord Banff bull and also Scotch Cup, both going to Bloomfield parties. He is now offering some good bargains in these bulls for quick sale. When writing him kindly mention The Homestead.

#### LAKE & STUBBS' RED POLLED SALE.

On June 12th, Messrs. W. H. Lake and H. F. Stubbs, of Bradshaw, Neb., will hold a sale of Red Polled cattle at the farm of Mr. Lake, three and one-half miles east of Hampton, Neb., and will offer some of their very best animals. They are among the oldest breeders of Red Polleds in this section of Nebraska and have bred some of the best breeding stock now in service in the best herds in the business. They will offer about twenty good, strong yearling bulls just in proper condition to put into service right at once. They are very growthy and their breeding is as good as can be found anywhere. The females are a very beefy lot and as milkers are hard to beat. There will be several cows in this sale with calves at foot and those that have not are safe in calf to extra good bulls. Send in your name for a catalog and mention this paper.

#### CHOICE FALL BOARS FOR SALE.

We wish to say to those who are in the market for a good fall boar that Mr. S. J. Tillman, of Ragan, Neb., has a few choice Duroc pigs for sale that are good enough to head herds. They are the most growthy bunch of youngsters we have had the pleasure of looking at this year and we will recommend them to anyone who is in the market for a good fall boar. They are mostly the get of Jumbo's Ideal, he by the great show boar, Jumbo's Perfection, twice a first-prize winner in his class at the Nebraska State Fair. Their dams are such sows as Rose Loudon, she by Hambletonian, the first-prize yearling at Nebraska, 1903. Two of these are of June farrow sired by Jumbo's Ideal, dam Mama's Image by the great Hambletonian. They are right in every respect and should go to some good herd. Write Mr. Tillman in regard to these boars, as we are sure he will be able to fill your order. When writing please mention this paper.

#### A GREAT IRRIGATION PROJECT.

Under the above caption the Canadian Pacific Railway Company have issued an elegant illustrated hand-book of information regarding a great irrigation project which is being carried out in Alberta, Canada. The details of this great undertaking are fully described and illustrated with rich half-tones from actual photographs. This scheme, which is probably the largest individual irrigation scheme on this continent, is being promoted for the purpose of turning a large part of the rich semi-arid country in Alberta to the most valuable kinds of farming land. While farming has been carried on in this region for a good many years prior to the inception of this irrigation scheme, there has not been the marked success in the growing of crops that there should be, considering the richness of the soil. The Canadian government has turned its attention to the matter and the project is being carried out by the Canadian Pacific Railway Company. For full detailed information regarding land in the irrigated district apply to the Canadian Pacific Irrigation Colonization Company, Calgary, Alberta. The elegant booklet which they issue should be in the hands of every prospective land seeker who is looking for a future home in one of the best mixed farming, stock raising and dairying communities in Canada. Mention The Homestead when making application for this booklet.

#### MRS. C. S. CROSS TO DISPERSE THE FAIR ACRES HERD OF HEREFORDS.

On Wednesday, May 15th, Mrs. C. S. Cross, of Emporia, Kan., disperses her entire herd of Herefords known as the Fair Acres herd. The sale is to be held at Fair Acres Farm, near Emporia, Kan. The herd numbers about seventy-five head, but as many young things sell at foot a smaller number of lots will be sold. The foundation stock for the Fair Acres herd was selected by Mrs. Cross from stock that made the Sunny Slope herd for Mr. C. S. Cross. She was familiar with the herd, knew the strains that had been among the best producers and as a result was able to lay a foundation that has proven that Mrs. Cross made no mistake. The offerings made from the herd have always proven tops of or well up among the tops of sales to which they have been consigned. Heading the list of nineteen bulls that sell is the herd bull, Christy 23417, a son of Keep On 2d and out of a Lord Saxon cow. Christy is nearing two years of age, is a showy fellow, a fine handler, thick from end to end with well-sprung ribs and a herd bull of great individual merit. The remaining bulls are yearlings or just coming yearlings that were got by Tranquility, a son of Beau Brummel, or Beau Real. There is herd bull material among these and it will also pay the man hunting range bulls to be on hand. Among the cows and heifers will be found some rare good things, as in the family of Dew Drops, Imp. Dew Drop and her nine daughters and granddaughters. Imp. Dew Drop is now eleven years old and has produced a calf every year since she commenced breeding. Mrs. Cross has never sold the high-class heifers from the herd and as a result the herd has been made strong in females. Another favorable condition is the fact that

#### OUR RED LETTER

## Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

**FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.**

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

**THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.**

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemakers, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date ..... 190..

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemakers, as per your special offer to Homestead readers.

Name .....

Postoffice .....

Rural Route ..... State .....

these Hereford cows are milkers and capable of raising great, big, strong calves. In all, twenty-eight breeding cows are listed and many sell with calves at foot. The remainder of the offering are heifers, some of breeding age and others just coming of breeding age. It is at these dispersion sales that buyers get a chance at the best, and as Mrs. Cross sells every animal under a positive guarantee, buyers will find this a sale that it will not pay to miss. Catalogs will be sent on request and we urge all our readers who are interested in good Herefords to send for one. See page 22 for advertisement and when writing kindly mention The Homestead.

#### CHOICE ABERDEEN ANGUS BULLS.

On page 22 of this week's Homestead will be found the advertisement of Mr. W. H. Jones, of Quincy, Iowa, who offers for sale some decidedly high-class young Aberdeen Angus bulls. One of his choice ones is an Erica bull, twenty-two months old, and a son of the noted bull, Imp. Edward R. (61744), dam Imp. Eline of Balmoral (61747). He is one of the very best bred young Erica bulls that is offered for sale, is an excellent individual and a good breeder. He should go to the head of some good Angus herd. Mr. Jones also offers a good Pride bull for sale, sired by Cherokee Blackhawk (59521), dam Imp. Pride of Bravali 30th (59802), an exceptionally thick bull, just twelve months old. He also has two well-bred Blackbirds, one a ten and one a twelve-months-old. These are both sired by Blackbird Man 72249 and out of Blackbird of Cleveland 7th and Blackbird of Cleveland 10th. One of these is fit to head any herd in the West. He has a number of others from ten to twenty months old that are bred along the same lines. Any of our readers who want an Angus bull can find what they want in the young bulls that Mr. Jones is offering for sale. Mr. Jones is reasonable in his price and he will be pleased to show these bulls to prospective buyers. Write him at once about these or go and see them. Kindly mention The Homestead when doing so.

#### FINISHING OFF FAT STOCK.

As the weather grows warmer in the spring, cattle and hogs in the fattening pen are apt to have a light appetite. They are effected much as people are at this time of year and need some condiment to sharpen their appetite. Just as we like salt and pepper and mustard and horse radish and such seasoning for our food, so the animal needs a little seasoning or tonic at this time of year. A little stock food mixed in with the corn or oats is a good thing for the steer or hog nearly ready for the market; it keeps them up to full feed and finishes them off in a way which cannot be done on grain alone. At this season of the year, too, the horses are being worked very hard and are apt to lose flesh quite rapidly. It is necessary that they should be fed heavily and that they should be able to digest and assimilate their feed to the best advantage. It keeps them in good condition and gives them a slick coat to mix a little tonic in the way of stock food in their feed box. The American Family Supply Company are offering a pail of stock food free to those who will write them a card, asking for their free

offer. The members of this firm are men of integrity who have been in business for a great many years and are known throughout all the middle states. The stock food which they are putting on the market is used by many large feeders. It will pay you to write them at once. Address: American Family Supply Company, 1711 State St., Chicago, Ill.

#### THE AMERICAN AUCTION SCHOOL CATALOG IS READY.

Col. Harry W. Graham, of Chillicothe, Mo., president of the American Auction School, has just had compiled one of the neatest catalogs that has reached the writer's desk in many days. It is a twenty-four-page book exclusive of the cover and gives complete all the various branches taught in Colonel Graham's school. The American Auction



School is the second oldest school of the kind in America and was organized by a man who knows the requirements of the auction ring. He is also a breeder of pure-bred cattle, has been associated with the breeding business and especially the selling end of the business for years, thus enabling him to instruct along all lines of the pedigreed live stock industry. From the introductory page to the back cover page the man who contemplates entering the auction business as a salesman will find much that should aid him in deciding how best to qualify for his chosen profession. There are also given many fine testimonials from former students, also what the leading auctioneers of America have written Colonel Graham about the American Auction School. Colonel Graham will be glad to send one of these catalogs



**HEREFORD DISPERSION****EXTRAORDINARY****We dnesday, May 15, 1907**

These cattle have been the source of much profit to me and will make you money. As I am retiring, you get a chance at my entire herd without reserve. Send for catalogue, mentioning The Homestead.

**Auctioneers.****COL. F. M. WOODS and MR. GEO. P. BELLOWES.****At "Fair Acres Farm," Near Emporia, Kan.**

The blood of Albion, Lord Saxon, Wild Tom, Java and Keep On. 19 yearling bulls, headed by Christy 23417, he by Keep On 2nd, and out of Fashion by Fashion by Lord Saxon. 28 grand bred ing cows, many with calves at foot. 12 extra fine heifers, yearlings. The balance are young things of great promise.

**MRS. C. S. CROSS, EMPORIA, KAN.**

to any who are sufficiently interested in write. See page 27 for the advertisement of the American Auction School and when writing kindly mention this paper.

**PARADISE STOCK FARM OFFERS ANGUS BULLS.**

Mr. W. F. Eckles, of Green City, Mo., proprietor of the Paradise Stock Farm, is offering some rare bargains in Angus bulls, they being second to none in his section of Missouri. Leading the list is the herd bull, Albion 5th, a double Pride bull that Mr. Eckles would not sell, but he has so many of his heifers that he cannot use him longer. A trade would be considered on him. The others are just of serviceable ages and are offered low considering the quality. A few heifers got by Pride's Albion and bred to Homedale King 2d 85639, a grandly-bred Pride bull and a high-class individual, are also offered at such prices as should move them. Mr. Eckles is a gentleman of high standing in his community, is a director of the Citizens Bank, of Green City, Mo., and is noted for his square dealings and business ability. Mr. Eckles' farm joins Green City on the west and he gives the stock his personal attention. He also breeds Berkshire hogs and is booking orders for pigs for fall delivery. Write him today if wanting stock such as he offers, or better still, go to Green City, see the stock and partake of Mr. Eckles' hospitality. See this page for his advertisement.

**LAST CALL FOR THE GUDGELL & SIMPSON SALE OF ANXIETY 4TH HEREFORDS.**

The Gudgell & Simpson offering of Herefords in the sale pavilion at the stock yards, Kansas City, Mo., on Thursday, May 2d, is made up of twenty head of choice young bulls and thirty heifers, all two-year-olds and all bred. This is as it should be, as buyers will get animals with their entire usefulness before them. It is after thirty years of experience that Messrs. Gudgell & Simpson became convinced that it is more satisfactory to both the seller and the buyer to deal in young animals of this sort. Older breeders are familiar with the Gudgell & Simpson herd and know that they were the gentlemen who have promoted the Anxiety 4th type and that their herd is headquarters for the modern or Anxiety 4th type, a type that has met and is meeting with the approval of the best breeders and with the judges in the largest shows. This and the fact that these older breeders have returned repeatedly to the Gudgell & Simpson herd for breeding stock should convince the younger breeder that it will pay him well to look to the Gudgell & Simpson herd for either herd bull material or some choice females to add to or for founding a herd. In looking over the list of animals cataloged for the sale it will be seen that every animal is of their breeding, also that they have been the breeders of both sires and dams for generations back. It is animals of this sort that have done most to make the reputation of the Gudgell and Simpson Herefords, as they are so bred as to insure prepotency through sires that have been strong breeders. Since they brought over Anxiety 4th and North Pole it has been their aim to develop a uniformity of type and at the same time animals that have the two good ends and a good middle. They were among the first to develop the much-sought-after droop horn and in their sales are found only such animals as they are pleased to recommend and put out as breeding stock. The herd today numbers over 900 head and for this sale they have selected the choicest things of the ages represented in the catalog. As the grass season is at hand the buyer will find this an excellent time to buy, as he will have no winter feed bills on account of his purchases. Another thing in favor of buying now is that the man who fixes and improves his herd will be in line to take advantage of the rise that is coming in the pure-bred cattle markets of the world. The cattle for this sale are in good condition and have been well grown out, which is in the buyer's favor. If you have not yet received a catalog, write for one, study the lines of breeding that have made the Gudgell & Simpson herd and see if some of these good things would not add to your herd. See page 26 for the last announcement before the sale.

**LAST CALL FOR THE CONNER & COCKRAN DISPERSION SALE.**

With this issue we call the attention of our readers for the last time to the dispersion sale of Messrs. M. T. Conner & S. J. Cockran, to be held at Auburn, Neb., on April 30th. On this date they will sell their entire herds of richly-bred Short-horns to the highest bidder. Mr. Conner is consigning twenty head of Scotch and Scotch-topped animals. Among them are cows of as choice breeding as is known to a Short-horn pedigree. The great herd bull, Gloster Prince 231899, will be included in this sale, and we consider him one of the good bulls of the breed. He is a son of the great Prince Gloster, a red bull of the celebrated Duchess of Gloster family and a ton bull. His dam was Red Beauty, got by Earl of March, belonging to the great prize-winning English Lady tribe. Red Beauty sold for \$1,200 in Mr. W. C. Edwards' sale in Chicago on June 12, 1902. Among the she stuff are twelve good cows of breeding age and five of these will have calves at foot on sale day. Six good heifers will be offered, mostly the get of the great Gloster Prince. The most ardent admirer of true Short-horn character will find

in this sale females that will please him. Their usefulness as producers will be fully demonstrated by their produce in the sale, both in animals of breeding ages, as well as the calves to be sold at foot. The men who want milking Short-horns will find them here, as they are bred from milking strains. Among the best of the cows will be Sparswood Mary of Londondale, a massive red cow by Velasco and tracing to Imp. Young Mary. She has proven herself one of the most profitable cows ever owned on this farm and will be sold with calf at foot by Gloster Prince. There are several cows in this offering that should go to extra good herds, as they are extra good both as breeders and individuals. In the offering put in by Mr. Cockran we find some as choicely-bred Bates cattle as will be sold in one sale this year. In buying this breeding stock Mr. Cockran spared neither time nor money in getting the very best that he could find, but now owing to his bad health he has decided to close out the entire herd. The first thing we will call your attention to is the great herd bull, Airdrie's Waterloo Duke 253512, got by Airdrie's Sharon Duke and having for his dam Water Girl 5th, tracing to Imp. Water Girl. This great bull should be appreciated for his individual excellence, his rich pedigree and most of all his ability to sire high-class stock. The man who buys him has little to fear, as he is a breeding bull absolutely sure and sells under that kind of a guarantee. In the female end of the offering there is also found stock that have been great money makers for Mr. Cockran. Such an offering of Bates-bred cattle is seldom found in one sale. Several of the best females will be sold with calves at foot and the balance that are of breeding age will be safe in calf to their herd bull, Airdrie's Waterloo Duke. Among the most attractive cows is Flora Cruickshank 2d got by the great Rosebud Prince and having for her dam Flora Cruickshank, tracing to the great Imp. Rose of Sharon. Mention of a great many of these might be made, as they are individually good and are great producers. There is not an old and worn-out cow in the offering, but on the contrary are mostly young and coming into their most useful age. This is a consideration that should have much weight with the prospective buyer and he should also remember that it is only in dispersion sales that the seller lets go of the good ones. Catalogs are now ready and should be in the hands of every interested breeder. Write for a catalog and mention The Homestead.

**UNUSUAL OFFER OF A WORLD-FAMOUS MANUFACTURER.**

How mother earth is made to do your weekly wash. You can now have your washing done by gravity power, for a washing machine has been invented which actually makes the rotation of the earth on its axis do all the hard work of the weekly wash. The machine is very simple in construction, very easy in operation and very wonderful in results. After the dirty clothes are put in the tub of the machine and covered with hot suds, all that is needed to start the work of washing is a slight push of the hand. The strength of a small child would be far more than enough to set the machine-



ery in motion. And, once started, the washer is easily kept going by slight pushes and pulls with your hand. The machine oscillates slightly and you exert but very little strength, because the earth power—gravity—does all the hard work. You can sit down to do your part, if you prefer. This wonderful machine is rightly called "a gravity washer," because gravity does practically all your washing. This Gravity Washer is made only by the world-famous 1900 Washer Company, of Binghamton, N. Y., who have patented the machine. And to show you the wonderful work this machine will do, the makers offer to send a Gravity Washer to any responsible party, for a month's free trial. You need not send them any money in advance—make any deposits—or sign any bonds. All you have to do to obtain the proof that you can be rid of wash-day worry and wash-day work forever and ever is, write the 1900 Washer Company that

**TOO LATE TO CLASSIFY.****ARDMORE SHORT-HORNS****VICTORIA'S PRIDE.**

Red; calved September 9, 1905.  
Dams.

Sires.

Breeder.

Got by Imp. Scottish Pride 128543... Wm. Duthie  
Victor Baron 127266... C. B. Dustin & Sons  
Victoria Veech... Favorite 56041... Wm. Duthie  
Roan Gauntlet (35284)... A. Cruickshank  
Imp. Victoria 73d... Pride of the Isles (35072)... A. Cruickshank  
Victoria 58th... Champion of England (17526)... A. Cruickshank  
Victoria 43d... Baronet (15614)... A. Cruickshank  
Victoria 36th

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

**ARDMORE STOCK CO., - HOLSTEIN, IOWA****KATER & SMITH,****Grant City, Mo.****BREEDERS OF HEREFORDS****ST. ELMO 13th 72074, KEEP ON 23d 125151 AND****TROT ON 181064 HEAD HERD.**

20 Bulls aged 20 to 24 mos. | 20 Bulls just turning 1 yr.  
A finer string of range | Some herd bull material  
bulls cannot be found. | will be found among these.

Come and see them as they are right every way.  
Visitors met at Grant City on C. & B. & Q., or Sheridan on C. & G. W.

**A SPLENDID LOT OF SHORT-HORN BULLS**

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshal. Can sell one or can fill out a load. Address.

**A. B. CLARK,****WAYNE, NEB.****PARADISE STOCK FARM****OFFERS**

PRIDE'S ALBION 5th 53114, their double Pride herd bull, cash, or will exchange as we have so many of his get we can not use him longer. He breeds good, fine disposition, weighs 2,200. Also other bulls priced low for the quality. Berkshire sows fashionably bred. Booking orders for fall. Write for catalog to

**W. F. ECKLES,****GREEN CITY, MO.****10 Choice Fall Duroc Jersey Bulls For Sale**

I HAVE ten choice fall boys for sale that I will price worth the money if taken at once. They are very growthy and are well bred. The best bunch I have ever raised. Write me at once for description and prices. **S. J. TILLMAN, Rugan, Neb.**

**High Class Angus Bulls**

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird, besides several younger ones. These are herd leaders. Address **W. H. JONES, - QUIMBY, IA.**

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Bilbo, Creston, Ia., successor to Bilbo & Wilson, also Bilbo & Van Patten.

20 HEAD of reg. Hereford cows and heifers with calf at foot by Doncaster 102284, a son of Lamp-lighter, very cheap. Frank Feed, Nora Springs, Ia.

sold at auction this year. His ancestry cannot be improved and it is doubtful if a better individual will be offered at auction this year. The females in this consignment are equally as good as the bulls. Mr. Wm. G. Mullet, of Ottawa, Ohio, lists a strong lot of well-bred stuff, representing the most fashionable families of the breed. Messrs. C. F. Fleming & Sons, have listed some of the best of their herd affords, representing the get of some of the most popular bulls of the breed and from females that are superior in point of breeding and individuality. Judge John S. Goodwin, consigns a daughter of the noted Prince Ito in Blackcap Ito. She is in calf to Black Mark Twain, a double Blackbird bull at the head of his famous Heather-ton herd. Another of the features of his consignment is Imp. Epaullet, a double Erica. She is a grand good cow and Judge Goodwin is keeping a heifer out of this cow for permanent use in his herd. This cow is safe in calf to Black Mark Twain, the bull mentioned above. Mr. Stanley R. Pierce contributes an attractive lot of young bulls that for individual merit and breeding cannot be excelled. Four Blackbirds, one Pride and an Erica make up the lot. The breeder in search of a herd bull will find what he wants in this lot. Few better bulls are found in any sale. Messrs. McLachlan Bros. & Johnson, of Estill, Mo.; Mahoney Bros., of Le Roy, Minn., and J. D. Wisely, of Fayette, Mo., are among the other contributors. Of the eighty head cataloged fifty-five are cows and heifers and twenty-five are bulls. These cattle have been carefully selected as to quality and breeding. The large number consigned to one day's sale assures many bargains. Many of the females have calves at foot, while others are due to calve shortly after sale day to the service of noted bulls. The bull consignment is a notable one, and the breeder in search of a herd bull will find in this sale a superior lot to select from. Mr. Judy has held many successful sales, owing to the fact that he has selected good, useful cattle. Such is the case with this offering and Homestead readers will find it to their advantage to be present on Wednesday of next week. Write for catalog as per the announcement on page 24 of this issue, kindly mentioning The Homestead.



# GLENFOYLE SHORT-HORNS

## AT AUCTION

**75** Glenfoyle Farm, Marshall, Mich., Wednesday, May 8 **75**  
SEVENTY-FIVE HEAD OF IMPORTED AND HOME-BRED SCOTCH  
AND SCOTCH TOPPED SHORT-HORNS.

Sixty-five head of choicely bred cows and heifers, twenty-five with calves at foot and many others due to calve shortly after sale day. **EVERY FEMALE IN THE OFFERING OF BREEDING AGE EITHER HAS CALF AT SIDE, OR IS SAFE IN CALF.**

It is the best lot of cattle ever sold from the noted Glenfoyle Herd. It surpasses any sale held in recent years in the number of large cows listed of **Scale, Substance, Character and Smoothness.** More Scotch Short-horns are listed than in any sale of recent years.

The bull offering is the best yet made from Glenfoyle, and includes two of the herd bulls, **Imp. Pennan Commander 211984** and **Village Sultan 260235**, one of the best sons of the Champion **Whitehall Sultan**. This young bull is fit to head any herd in America. There are a number of young bulls of herd header type.

This offering from Glenfoyle Herd is one of the strongest of the year and the large number of Scotch cattle offered should attract the attention of the Short-horn breeders throughout the entire country.

Catalogs are now ready and will be sent to all who mention this paper when writing.


## A. CHRYSTAL, MARSHALL, MICH.

Cols. Woods, Bellows, Jones and Cottingham, Auctioneers.

Herefords, Short-horns and Angus at  
Omaha, May 1st, 2nd and 3rd—  
Last Call.


Fifty-two Herefords are cataloged for the McGavock auction at South Omaha, Neb., May 1st. Mr. S. R. Waters, of Poplar Bluff, Mo., consigns one bull and fifteen cows and heifers; Mr. H. J. Stinger, of Allen, Neb., four bulls and ten cows and heifers; Mr. T. A. Reece, of Savannah, Mo., four bulls; Mr. Warren Landers, of Savannah, Mo., two bulls; Mr. J. R. Owens, of Savannah, Mo., one bull; Mr. Andrew Tanning, of Newman Grove, Neb., one bull; Mr. Ernest Draheim, of Emerson, Iowa, one bull and two cows and heifers; Mr. G. J. Greenwell, of Shelby, Mo., two bulls; Messrs. W. & T. G. Roberts, of Dearborn, Mo., four bulls, and Messrs. A. B. Bruer & Sons, Pontiac, Ill., five bulls. Included are quite a number of tested sires, Mr. Waters consigning the three-year-old Beau Monarch, one of the best-bred bulls that will be offered at auction this season. He is an intensely-bred Anxiety 4th, being sired by Beau Donald 33d and out of a dam by Anxiety Monarch. The fifteen cows and heifers consigned by Mr. Waters represent the type that he has established a reputation for breeding. Mr. Stinger includes the four-year-old bull, Donegal by Cadillac, one of the best sons of Corrector, and he also catalogs sons and daughters of this bull and cows and heifers in calf to and with calves at foot by him. There are also cataloged several high-class young bulls from the herds of breeders above mentioned. The offering throughout represents one of the best collections of the breed that has been or will be offered this spring. Recent western sales indicate that Herefords are inclined upwards in price and those who invest now will be sure to invest at a time when big profits can be made. Sixty-five Short-horns, consisting of twenty bulls and forty-five cows and heifers, will be sold in the McGavock auction at South Omaha, May 2d. It is the largest offering of the breed that has been or will be made at this great sale center this season and probably contains more animals that are useful and attractive alike to the breeders and farmers and ranchmen than any auction of the breed that has recently been held at South Omaha. The cattle are consigned from both eastern and western herds and the get of a half dozen or so of the most famous imported bulls are cataloged. Among the herd-heading bulls may be mentioned the Marr Missile bull, Emperor, sired by Imp. Emperor, a prize winner and sire of International Exposition prize winners. Mr. H. G. Bowers, of Elmwood, Ill., catalogs the Duchess of Gloster youngster, Roan Emperor by Imp. Emperor. Statesman, consigned by Mr. A. C. Huidekoper, of Meadville, Pa., has several of his get included in the auction. He is a four-year-old, a beautiful red, sired by the celebrated bull, Imp. Avalanche. There are also other straight Scotch bulls good enough to head herds, and Mr. Huidekoper's consignment of twenty-one head is one-third Scotch. Imported bulls are represented by their get in the consignment of Mr. E. W. Cockrell, of Horace, Ind., who

is sending nine head to the auction, including the straight Scotch cow, Verbena 4th, whose grandam was imported from the herd of Mr. Cruickshank. The straight Scotch bulls, Imp. Palermo, Imp. Silver Victor and Imp. Courier of Cluny are represented by the best of their get in Mr. Cockrell's consignment. Messrs. Fremont Watts & Son, of North Platte, Neb., sell six high-class females, including the straight Scotch Lavender heifer, Queen of Scots. Messrs. H. Smith & Sons, of Tobias, Neb., consign one straight Scotch bull; Mr. Robert Volker, of Johnson, Neb., five bulls and eleven cows and heifers; Mr. Geo. H. Mahr, of Corning, Iowa, one bull; Mr. O. E. Osborn, of Weston, Iowa, three bulls and two cows and heifers; Mr. Geo. C. Hebron, of Strawberry Point, Iowa, one bull, and Mr. J. O. Trine, of Madison, Neb., three bulls. Thirty-six bulls and twenty-three cows are consigned to the McGavock Angus auction at Omaha, May 3d. Mr. W. A. McHenry, of Denison, Iowa, will sell ten bulls and seven cows and heifers. Four Blackbird bulls are Blackbird Bruce, a long yearling got by the Pride bull, Imp. Prince of Seaford, whose sire, Portman of Aberlour, is one of the great bulls of Scotland; Blackbird Sir, another long yearling, is also by an imported Pride bull, Proteros. His dam, Blackbird of Denison 26th, was by Baltimore of Glendale and out of Blackbird of Burlington 6th by the famous Black Knight. Another Blackcap is Blackbird Bob, sired by Imp. Prince of Seaford and out of a dam by Imp. Proteros. Blackbird Duro was got by Imp. Proteros and his dam, Blackbird McHenry 48th, was by the champion sire, McHenry Blackbird, and her dam, Blackbird of Woodland 10th, was the daughter of Imp. Entwistle that Mr. McHenry gave \$1,000 for in the Estill dispersion. These four Blackbird bulls furnish great herd-heading material. The double Trojan Erica Elchi, sired by Imp. Eliminator of Ballindalloch, is of the real herd-heading sort. Two Pride bulls, Proud Chief and Proud Provo, are got by Imp. Eliminator of Ballindalloch and Imp. Proteros, and two young Pride cows, bred in the purple, are also cataloged. His Queen Mothers are represented by two good bulls, and his famous Barbara family includes a two-year-old daughter of the celebrated champion, Barbara McHenry 13th. In Coquette McHenry 4th Mr. McHenry offers one of the greatest of breeding cows, her produce having won repeatedly at the best fairs and shows of this country. A son and daughter of this cow are also cataloged. Mr. C. J. Off, of Peoria, Ill., includes animals of the most fashionable breeding and half brothers and sisters to the famous prize winners he is producing. Mr. Geo. Kitchen, Jr., of Gower, Mo., sells the prize-winning bull, Intensified, one of the best show bulls of the country, and he also includes a daughter of the great Gay Blackbird. Mr. J. B. Withers, of Missouri City, Mo., catalogs highly-bred sons of the great bull, Erolline's Rosegay. Mr. Omer Catterson, of Maryville, Mo., is selling prize winners of last year, belonging to the Queen Mother family. It is a strictly choice offering of females, as well as bulls, that he will present. A full list of consignors will be found in the advertisement and the catalog of the three sales will be mailed on application to Mr. W. C. Mc-



### Pike County Jack Farm

**BOWLING GREEN, MO.**



**OFFERS**

**75**

Great big Mammoth Black  
**JACKS**

**25**

**JENNETS**  
Some With Jack Colts



**75**

I will not make a Public Sale, but will sell at bargain prices. The Jacks range from 14½ to 16 hands high. Come and see them. You will be met at the station if you notify me of your intended visit.

**LUKE M. EMERSON,**

**BOWLING GREEN, MO.**

Bowling Green, Missouri, is on  
Main line Chicago & Alton and  
St. Louis & Hannibal Rys.

Gavock, of Springfield, Ill. Mention The Homestead when requesting catalog.

S. R. Murphy and G. T. Edwards' Durocs.

A representative of this paper recently called on Mr. S. R. Murphy, of Savannah, Mo. (of Savannah Belle fame), and Mr. G. T. Edwards, a neighbor of Mr. Murphy's, who is engaging in the breeding of the Duroc Jersey. Both gentlemen have some extremely good prospects for the fall trade. At Mr. Murphy's we found Savannah Belle raising a fine litter of Ohio Chief pigs, two boars and five sows. These are full brothers and sisters to the \$2,000 Ohio Belle that sold in Mr. Murphy's February sale. Dolly Advance, a Proud Advance sow, is raising six sows and two boars that were got by Ohio Chief 2d. Belta Advance, another Proud Advance sow, was raising nine that were got by Orion Chief I Am. Mr. Murphy has several other litters of which mention will be made later. At Mr. Edwards' we found a Prince Lad sow raising six sows and two boars that were got by Ohio Chief Agala, a litter brother to the \$2,000 Ohio Belle. Here is a litter to which breeders may look for something good. Belle Murphy, a Perfect-

tion Chief sow, was also raising a litter of eight by Belle's Chief I Am. Lena Orion out of Lady Rival by the same sire as the great Helen Blazes 3d, was raising a litter of ten that were got by I Am Crimson by Crimson Wonder I Am. Mr. Murphy and Mr. Edwards will make a sale this fall. November 4th is the date and as both herds are bred along the same lines they will be able to put up an attractive offering.

Mathews Bros.' O. I. C's.

Messrs. Mathews Bros., of Grant City, Mo., are rapidly forging to the front as breeders of high-class O. I. C. swine. The great O. I. C. boar, White Oak, recently purchased by these gentlemen, was seen on our recent trip to the herd. He is all and more than he had been represented. In some future issue more will be said of White Oak. Some extra fine pigs were seen and of these we shall have more to say as the season advances. Just now Messrs. Mathews Bros. have only some fall males to offer. These are rich in the blood of Kerr Dick, some by Kerr Walter, a litter mate to Kerr Garnett, the grand champion of the American Royal in 1906, that sold for \$625.



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..... COMBINATION SALE .....

# 80 - HIGH-CLASS - 80 ABERDEEN ANGUS CATTLE

TO BE SOLD

Wednesday, May 1, '07, at Union Stock Yard Pavilion, Chicago, Ill.

25 BULLS AND 55 COWS AND HEIFERS

The grandest lot of high-class cattle ever sold in Chicago for years—cattle from the leading herds of the country, where money was no object in buying the best. All the most fashionable families represented, Blackbird, Erica, Pride, Queen Mother, Heather Bloom, Drumin Lucy and other popular families. There are many animals in this consignment with splendid show yard records; bulls fit to head any herd in America; bulls that will sire market toppers; cows with calves at foot, and many will calve soon after sale; cows that have sold heretofore for more than four figures; heifers for the showman who wants something to add credit to his herd. This lot of cattle has been carefully selected as to quality and breeding. The consignment will please the old breeder, the young breeder, the new beginner and the ranchman who wants a carload of top-notch bulls. Remember I do not sell anything but the best. Remember the time and place. We want all lovers of good cattle to be there on sale day. Send for catalog. Mention The Homestead.

Auctioneers, Col. Silas Igo, Col. F. M. Reed and Col. C. C. Plumley.

## M. A. JUDY, Sale Mgr.,

Beecher,

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ILLINOIS

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### Glenfoyle Short-horn Sale.

The forthcoming sale of a draft of nearly 100 head from the noted Glenfoyle herd of Short-horns, the property of Mr. A. Chrystal, of Marshall, Mich., is an event of national importance to the Short-horn fraternity. More Scotch cattle are included in this sale than any Short-horn event of recent years. The female consignment, to which we wish to call particular attention in this issue, is the strongest ever sent forward from Glenfoyle. Those of our readers who are interested in good Short-horns are familiar with the fact that no ordinary offering has ever been sold from this herd. Mr. Chrystal is a man who believes in offering the class of cattle which will please discriminating breeders. He has taken from his herd for this occasion cattle which he cannot replace at the prices which they will bring, but he is firm in the belief and rightly, too, that the breeder in the market for good, well-bred cattle will appreciate this offering. A Homestead representative recently inspected the entire offering and is pleased to recommend it to buyers who are in the market for good Short-horns. Glenfoyle herd has always been noted for the females with scale, substance, character and smoothness. This offering is of that character. It is not a lot of cattle gathered for speculation, but have been selected from the herd and many of them represent the best the herd contains. Glenfoyle herd is one of the largest in the United States and those present sale day will not be disappointed with the cattle which have been selected for this occasion. In calling attention to the female consignment we wish to emphasize the fact that every female cataloged of breeding age either has calf at side or is safe in calf, and in some cases cows are selling with calves at side and are bred again to the noted bulls in service in this herd. In this connection a few words about the sires in use at Glenfoyle would be appropriate. Imp. Bapton Magnet is a richly-bred Cruickshank by Silver Plate, one of the greatest sires known to the breed. Imp. Bapton Magnet is undoubtedly one of the richest-bred bulls on this continent, and individually is in keeping with his breeding. Many of the calves sold with dams in this sale are sired by him, and a large number of females in the offering are safe in calf to him. Imp. Pennan Commander (included in the sale) is another of the good bulls to which many of the females are bred, while others sell with calves at side sired by him. His calves show a remarkable depth of body and are smooth and evenly fleshed. He is a bull of great scale and thickness, with unusual depth and smoothness. Many of the get of Imp. Pennan Commander will be sold on sale day and a large number of the cows are safe in calf to him. Another bull to which many of the cows are safe in calf is Village Sultan, also included in the offering. It is doubtful if there is a better individual to go through the sale rings this year. A number of very good cows are in calf to him and we defer further mention of this noted son of the champion Whitehall Sultan until our next issue. The very best Scotch families are represented in this offering. Imp. Cherry Blossom 4th is a Cruickshank Orange Blossom by Silttyton Prince. This cow has

been one of the most valuable breeding cows in the herd producing a good calf each year, one of her daughters by Imp. Beaufort Victor going to Mr. F. W. Harding for \$585 and a nine months heifer going to Mr. J. G. Withers, of Milford, all at a long figure. This cow is a magnificent specimen of the true Scotch type and possesses that scale, smoothness and character which are in demand by best breeders. She is well along in calf to Imp. Pennan Commander. One of the attractions of the offering is the beautiful white cow, Maria's Heiress 3d, a daughter of the Dustin-bred bull, Scottish Victor, and out of Imp. Maria's Heiress by Marengo, the most noted show and breeding bull of his time in England. This cow is a full sister to Maria's Heiress 2d which sold in Mr. Chrystal's last sale at a long price to Mr. F. O. Lowdeo. Maria's Heiress 3d is distinctly of show-yard type, with an ideal head, is large and roomy with the smoothness and substance that always attract attention. Her roan bull calf by Imp. Lovat Champion sells with her. He was dropped in December and is of the herd header sort. Such a pair as this are seldom found in any sale ring and will certainly attract attention of those present sale day. Imp. Flower Girl 11th and white heifer calf at side by Imp. Beaufort Victor is one of the top things of the offering. She is a large, roomy cow, thick and smooth, with great spring of rib and level lines; has been one of the best producers in the herd. Her breeding is a combination of much of the good blood of Bruce, Marr, Duthie, Cruickshank and other noted Scotch breeders. She was got by Imp. Knuckle Duster and her dam was Flower Girl 9th by Scottish Victor. In addition to having a beautiful heifer calf at foot, this cow is bred again to Imp. Pennan Commander. Imp. Golden Chain is a Brawith Bud bred by Mr. J. Deane Willis, and is a daughter of the noted breeding and show bull, Silver Plate. Daughters of this noted bull are scarce in this country and Golden Chain is good enough individually to go into the best herds. She is safe in calf to Imp. Bapton Magnet. This cross should produce something good, as no stronger pedigrees are found in the herd books than are to be had in these two individuals. Matchless of Mapleton is a show cow in every respect, got by the Campbell-bred bull, Imp. Masterpiece, and out of Matchless 23d by Imp. Royal Sailor, a richly-bred Marr bull. She is a very smooth, deep, evenly-balanced cow with an excellent bull calf at foot by Imp. Pennan Commander of the herd header sort. Matchless of Mapleton has been an unusually good milker and will do well in any herd. Imp. Cassandra and beautiful roan heifer side by Imp. Bapton Magnet are a pair worthy the attention of buyers in search of good cattle. She has the thickness, depth and smoothness that are found in the best Scotch cattle. A show heifer of much promise is found in Village Girl, a daughter of Commodore Dewey, a noted Scotch bull of Canada. She is a particularly well-finished, evenly-balanced heifer, having beautiful character about the head and is nicely covered over top, with good, level loins. She is safe in calf to Imp. Pennan Commander. Imp. Gipsy Queen is a roan cow of great scale and thickness. She is in calf to Imp.

Bapton Magnet and will be a valuable addition to some good herd. She is in splendid breeding condition and is not overladen with fat. Crimson Flower of Glenfoyle has proven one of the best producing cows in the herd. She has a roan heifer calf at foot by Imp. Pennan Commander and is one of the good things of the offering, both in point of breeding and individual merit. She is a daughter of Imp. Scotch Fame and an examination of her pedigree reveals such noted bulls as Imp. Scottish Pride and Imp. Guardsman, both richly-bred Cruickshank breeding and show bulls. Ury Girl 4th out of Imp. Ury of Greenwood is a daughter of Imp. Royal Member, a grandly-bred Cruickshank Nonparell used with much success by Messrs. H. Cargill & Son. She is a good producer, her bull calf, Ury Champion by Imp. Lovat Champion, being one of the best young bulls in the sale. She is well along in calf to Village Sultan, one of the best sons of the champion, Whitehall Sultan. Maisie 4th is a Bruce Mayflower and is one of the richest-bred cows in the offering. Her yearling calf, Maisie 6th, is also included in the sale. Maisie 4th has the scale, smoothness, character and quality so much desired in breeding matrons. She is safe in calf to Imp. Bapton Magnet. We have briefly mentioned a few of the females included in this noted sale. There are more Scotch cattle included in this sale than in any of recent years. Mr. Chrystal has a producing herd. The large number of calves sold with their dams in this offering is ample proof of the value of these cows as breeding matrons. The Scotch-topped sorts, of which only a small part of the consignment is made up, have for generations been topped off with noted Scotch sires, and are individually of the correct type and have proven good producers. Many animals are included in this sale, notably the Scotch sorts, which will sell for less in this sale than in any other. The large number cataloged assures buyers of many bargains. Mr. Chrystal is located a little out of the live stock center and for this reason many cattle in previous auctions have sold well worth the money. The bull consignment is in keeping with the excellence of the offering and particulars regarding same will appear in our next issue. Mr. Chrystal has been one of the most ardent supporters of the breed. He has been a liberal bidder on the better class of cattle offered for sale at public auction and will continue to be. He is deserving of the patronage of Short-horn breeders throughout the entire country and his forthcoming sale on Wednesday, May 8th, is and should be recognized as an event of national importance. Catalogs will be sent to all who write for same as per the announcement on page 23 of this issue. Kindly mention this paper when writing. Marshall, Mich., is on the main line of the Michigan Central railroad, 178 miles east of Chicago. Parties from the west can leave Chicago the night before the sale at 11:55 p. m. or 3 a. m. Plan to be present sale day.

### Kater & Smith's Herefords.

A commissioner of this paper last week spent a day visiting the herd of Hereford cattle owned by Messrs. Kater & Smith, of

Grant City, Mo. Mr. C. F. Kater, the senior member of this firm, established the present herd about fifteen years ago, at which time five cows were purchased. From time to time a few more good cows were added and the best herd bulls procurable were used, the best heifers retained, and later Mr. J. H. Smith, whose address is Worth, Mo. (a neighboring station to Grant City), became interested with Mr. Kater. Both gentlemen are lovers of a good beast and strive to make their herd better each year. As a result they today have a representative working herd of 175 head and a herd that should and will command the attention of all who are interested in the "whiteface." Individuality has been their guiding star and during our visit there many animals were seen that would make a creditable show in any of the big shows. Three herd bulls were found in service. The senior one of these and a bull that has given much satisfaction, is St. Elmo 13th 92074, a son of St. Elmo and out of a cow strong in the blood of Anxiety. St. Elmo 13th is one of those easy-keeping bulls with wonderful covering over loin, is good through the heart, has two extremely good ends and all set on four good, stout legs of the proper length. A great many of his get were seen and they have the quality of their sire and are uniform. For use on the get of St. Elmo 13th and to assist him in the herd, Keep On 23d 12151, one of the best sons of Imp. Keep On and out of a Beau Real cow, was secured from the herd of Mr. C. A. Stannard. Keep On 23d in breeding form tips the beam at 2,300 pounds, has as good a back as is found on an animal of any breed. He is an extremely well-quartered bull, carrying the thickness of rump so much sought after. Through the heart he is good and a better head is seldom seen. Messrs. Kater & Smith have used these bulls for seven and four years respectively and their get warrant the continuation. Trot On, a son of Keep On 23d and out of a cow by the Anxiety-bred bull, Jerry Lad, is being used on a few heifers. The herd shows that great care is and has been used in the matings and the entire herd is one of the well-kept ones of the country. Just now Messrs. Kater & Smith have on hand one of the strongest lots of bulls the writer has seen this year. One lot of twenty head that range from twenty to twenty-four months of age are bulls from which some extra good herd bull material could be selected, but the entire lot are being offered as car load of range bulls. They are in fine condition, big and strong, and not a cull in the bunch. The man hunting a load of range bulls that have quality will make no mistake in going to see these. A fine lot of younger bulls just rounding into yearlings were also gone over and some high-class herd bull material was also found among these. Messrs. Kater & Smith have always sent as good a lot of bulls to the ranges as have gone there, and among them were some that should have gone to good breeding herds. In future issues more will be said of the Kater & Smith herd. Just now we want bull buyers to look after these bulls. They are the kind we are pleased to recommend. See page 22 for the advertisement of this breeding firm and when writing or visiting them kindly mention this paper.



# OMAHA'S GREATEST AUCTION of the SEASON

**175** High Class Herefords, Short-horns and Aberdeen Angus  
TO BE SOLD AT SOUTH OMAHA, NEB.,

Wed., Thurs. and Fri., May 1st, 2d and 3d, 1907

**60** Herefords,  
Wednesday,  
May 1st.

## CONSIGNORS:

From the herds of S. R. Waters, Poplar Bluff, Mo.; J. R. Owens, Savannah, Mo.; T. A. Reece, Savannah, Mo.; Warren Landers, Savannah, Mo.; H. J. Stinger, Allen, Neb.; G. J. Greenwell, Shelby, Mo.; Ernest Drahelm, Emerson, Iowa; Andrew Tanning, Newman Grove, Neb.; A. B. Bruer & Son, Pontiac, Ill., and W. & T. G. Roberts, Dearborn, Mo. There are show bulls, herd headers, bulls for the ranchman and farmer, and high-class females for the best breeders as well as beginners in the business.

**65** Short-horns  
Thursday,  
May 2d

## CONSIGNORS:

From the herds of A. C. Huldekoper, Meadville, Pa.; H. Smith & Sons, Tobias, Neb.; Fremont Watts & Son, North Platte, Neb.; Robert Volker, Johnson, Neb.; E. W. Cockrell, Horace, Ind.; O. E. Osborn, Weston, Iowa; Geo. H. Mahr, Corning, Iowa; H. G. Bowers, Elmwood, Ill.; Geo. C. Hebron, Strawberry Point, Iowa, and J. O. Trine, Madison, Neb. There are included straight Scotch herd heading bulls and very desirable Scotch and Scotch-topped females, rendering it one of the most attractive Short-horn sales of the season.

**50** Aberdeen Angus  
Friday,  
May 3d

## CONSIGNORS:

From the herds of America's leading breeders and exhibitors. Their owners are W. A. McHenry, Denison, Iowa; C. J. Orr, Peoria, Ill.; Geo. Kitchen, Jr., Gower, Mo.; J. B. Withers, Missouri City, Mo.; R. S. Williams, Liberty, Mo.; Marion C. Stone, Milan, Mo.; T. E. Morris, Stanberry, Mo.; W. H. Baldwin, Delavan, Ill.; Omer Catterson, Maryville, Mo., and Jasper Auldridge & Son, Pattonsburg, Mo. There are more high-class herd heading and show bulls than I have ever cataloged for an Angus auction, including 6 Blackbirds, 7 Prides, 3 Queen Mothers, a Trojan Erica, and several Drumlin Lucys, Westertown Roses and other fashionable families, quite a number of which were winners at last year's shows. The females are also good and highly bred.

Auctioneers

Col. F. M. WOODS,  
Col. GEO. P. BELLOWS,  
Col. T. F. WATTS.

Remember the dates on which the different breeds sell, and for separate catalog of each breed, address,

**W. C. MCGAVOCK**, Sale Manager,  
Springfield, Ill.

## CHESTER WHITE HOGS.

EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

W. F. HEMMERLING,

DIKE, GRUNDY CO., IOWA

## MAPLE GROVE-CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall hogs by Prince O. K., noted prize winning boar at Iowa, Illinois State Fair and Inter-State Fair 1905. Write for prices.

ERNEST L. MEAR,

NEPONSET, ILLINOIS.

## Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

D. H. LEWIS,

R. F. D. 6

GENESEO, ILLINOIS.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

## Chester White Spring Pigs All Sold.

11 LITS sold by October 15. Write us for extra large August and September pigs. We are still receiving orders for spring pigs which we are unable to supply. Place your order for next spring's pigs. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

## Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 8, Harlan, Iowa

## IMPROVED CHESTER WHITE SWINE.

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Leader, Nashua Boy, Billy Boy 15223, a grandson of Laverne King 12757, heads the herd. Address, John H. Krebbs, Donnellson, Iowa

## GOOD O. I. C. FALL BOARS

For sale of the long heavy boned, prolific kind. Address, Allen Bros., Russell, Iowa.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## 100 CHESTER WHITE

## March Pigs and More Coming

Sired by such noted boars as Pioneer, Neponset Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

E. L. NAGLE & SON.

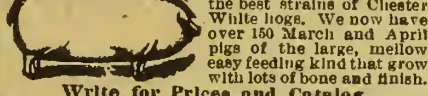
Deep River, Iowa

## James Fisher,

Eastman, Wisconsin.

BREEDER and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish.

Write for Prices and Catalog.



## POLAND CHINA HOGS.

**45** Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address, WM. RAY & SON, DEFIANCE, IOWA.

## POLAND CHINA BOARS

OF the big-boned growthy kind, uice head and ears, sired by a boar with a 10 1/2-inch bone and out of mixture dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## 25 BRED SOWS.

DUE to farrow in March and April. Sired by Michigan Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed. M. G. Arnold, Strawberry Point, Iowa

## POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, J. J. SLICK, LANARK, ILL.

Twenty years a breeder.

## Poland China Fall Litters.

FALL pigs of both sexes, 200 lbs., ready for shipment. Sows for summer farrow. Quality O. K. Also Scotch topped bulls and heifers. S. L. Wyandotte and S. C. B. Leghorn eggs, \$1.00 per sitting. Fred Ehendorf, Strawberry Point, Iowa

When writing to advertisers please mention this paper.

## Willowdale Herd.

Fancy Poland Chinas.

Young Stuff of Both Sexes For Sale.

—Send for catalog.—

Pure bred White Wyandotte cockerels, \$1.00.

HARRY R. SMITH,

Maynard, Iowa

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

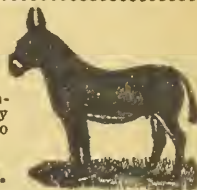
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I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blandinsville, Illinois.

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PRIDE'S Albion 5th, 53114, my double Pride herd bull is offered as I retain so many of his helpers. Also a number of young bulls, several by him. Would also price females right. Write me.

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SPECIAL prices for 30 days on 10 bulls, 20 cows and 12 helpers, 12 with calves at foot. Bulls, calves and some of the helpers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

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## 10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old

WILL sell at farmers' prices, \$100 gets a good bull Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address,

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HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and helpers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

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Breeds POLLED DURHAMS.

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EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of Imported and S. Lambert Cows. Also 25 females, cows or heifers.

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## 40 Choice Hereford Bulls 40 Choice Bred Heifers

RANGING in age from twelve months to two years. All sired by prize-winners. EDMONDS, SHADE & CO., Kingsley, Iowa

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Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging  
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prices reasonable. Call or write, W. H. Seaman,  
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THE WORLD'S LARGEST HERD OF  
RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central  
City, Linn county, Iowa. Over 300 cows in our  
combined herds. A strong line of serviceable bulls  
now ready to ship. Mention The Homestead.

RED POLLED CATTLE.

80 HEAD in herd. Irwin 8253, an International  
prize winner in 1903 and 1st and sweepstakes at  
Iowa and Neb. state fairs in 1904, is at head of herd.  
Choice bred bulls, also some heifers and cows for sale  
at zero prices. Come and see or write, G. W. Coleman,  
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I HAVE five extra good large-boned Red Polled  
bulls for sale now. I breed for size and bone  
with quality. Write me at once.

OTH BOYD, Virginia, Neb.  
Joseph Kestel, John Schrothberger.

Red Polled Cattle

EITHER sex for sale. Have show stock. Prices  
reasonable. Equal to the best. Kestel &  
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HERD of Red Polled cattle. Choice stock for sale  
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By H. N. Hansen R. 1, Box 7, Bryan, Ia.  
RED POLLED CATTLE FOR SALE. Both  
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BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at  
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SCOTCH SHORT-HORNS. For sale. Four good  
Scotch bulls. Jordon & Dunn, Central City, Ia.  
Maine Valley Stock Farm.

GREAT DISPERSION SALE OF  
SHORT-HORNS



..... To Be Sold At .....  
AUBURN, NEBRASKA



APRIL 30, 1907

40 HEAD of Scotch and  
Bates Bred Cattle 40

Included in this sale will be great herd bulls. Mr.  
M. T. Connor consigns 20 head of cows and heifers, most  
of them safe in calf or with calf at foot by his great  
bull, GLOSTER PRINCE 231899 by PRINCE GLOSTER,  
a red Scotch bull of Mr. Cruickshank's celebrated Duch-  
ess of Gloster family. Mr. S. J. Cockran will consign 20  
head of Bates-bred cattle, including the great herd bull,  
AIRDRIE'S WATERLOO DUKE 253512, got by AIR-  
DRIE'S SHARON DUKE, dam Water Girl, tracing to  
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calf at foot and the balance are all bred and safe in calf  
to AIRDRIE'S WATERLOO DUKE. This will be a great  
opportunity to buy good, useful Short-horns. They are  
from great milking strains and have great size and qual-  
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Free entertainment at the Byers House.

M. T. CONNOR, S. J. COCKRAN, PROPS.,  
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In Writing for Catalog Address Either  
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COL. GEO. P. BELLOW, AUCTIONEER.

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9 Cruickshank  
Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank  
red bulls from 13 to 24 months old, two Victorias,  
one Miss Ramsden, one Princess Royal, one Mysie,  
one Violet, one Lavender and two Beauties. One  
of the Beauties is a bull that we have been us-  
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low, thick, heavy-quartered bulls. A number of  
herd headers among them. Their breeding cannot  
be excelled, and our prices are below competition  
for bulls of this character. Telephone from Iowa  
City to the farm. Mention The Homestead when  
writing.

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Short-Horn Cattle, Poland China Hogs

AND  
BARRED PLYMOUTH ROCK CHICKENS.  
Good Individuals a Specialty.

Eggs from our excellent flock for sale at  
right prices. Hog sale in the fall.  
Address C. E. McCOLLUGH, HUMESTON, IA.

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Bulls and Heifers For Sale

WE have on hand a few choice herd heading  
Scotch Short-horn Bulls, of the low down  
beefy type, and a fine bunch of 20 head of yearling  
and two year-old heifers of best Scotch tribes, mostly  
reds and all bred.

I. BARR & SON,

Davenport, Iowa.  
WILLIAM REED  
PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd.  
Wish to sell 50 head quick. Farmer's prices.  
Come or write.

FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn  
bulls, one to two years old, for sale. Address,  
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Valant Grove Short-horns & Poland Chins  
CLEAR THE WAY 231482, winner 1st in 2-yr-old class  
and 1st as Ia. Cham. Ia. State fair, '06 heads herd.  
Herd head Defender 98447, by Corrector 83379, one  
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F. M. ZENOR, WOOLSTOCK, IOWA.  
Breeder of Short-Horn Cattle.  
Families represented: Princess Royal, Duchess of  
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THE Iowa State College is offering for sale one  
good Short-horn herd bull coming three years old;  
five Short-horn bulls coming one year old; three  
yearling Red Polled bulls and one Holstein coming  
one year old. All of good breeding, good individuals  
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Iowa State College, Division of Agriculture,  
AMES, - IOWA.

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SHORT-HORN CATTLE.

HERD BULLS. Sittytton Sort 173649 and Wampum  
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two years old, for sale. He will make a good bull for  
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SHORT-HORN SALE OCT. 2, 1907.  
TYRRELL & SONS, Props.,  
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FOR SALE—Six good bulls from 6 to 18 months  
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FOR SALE.

I HAVE for sale both bulls and heifers, some  
choice Short-horns, bred by Scottish Baron.  
Address, J. H. MOYER, Newton, Iowa

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They vary in age from a few months to two years  
A catalog giving the pedigree of each bull will be  
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N. A. LIND, Rolfe, Iowa

4 SCOTCH BULLS

Three straight Cruickshank.  
These are bred in the purple and are good  
enough to head any herd. Come and see them.  
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HAMPTON'S COUNSELOR 264533.  
ONE of the greatest sons of Hampton's Best at  
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SHORT - HORNS

WE are now offering a fine string of young bulls,  
several of which are pure Scotch of the most  
reliable families. Herd headers here: Lavender Vis-  
count 21, a son of the champion, Lavender Vis-  
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something choice and at a reasonable price.

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Of Young Bulls For Sale  
Is Now Ready.

ALL good individuals, combining milk and beef  
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FOR SALE

I AM offering two splendid young Victoria bulls  
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Got by  
IMP. MUTINEER 172547.

MUTINEER is of Mar's Missie tribe and was got  
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A very reasonable prices to move them at once.  
These heifers are from best cows in herd. Imp.  
Roan Archer heads herd. Write for private cat-  
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WE have a few strictly choice straight Scotch  
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by Young Commodore, conceded to be the best  
Short-horn bull in Iowa. The best Short-horn bull  
that we have ever raised is now on our farm and  
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Mention The Homestead when writing.

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HOME of Rowena 2d, champion dual purpose cow  
at St. Louis World's Fair and other equally  
heavy milkers. Her yearling son and other bulls  
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breeding bull of America for 3 years heads herd.  
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SURED by Imp. Scottish Pride 128543 and Imp.  
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prize-winning stock, and priced right. Also a few  
good cows and heifers in calf to the herd bulls for  
sale. Address,  
ARDMORE STOCK CO., Iowa  
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ALL REDS AND DEHORNE.

15 SMOOTH, low down, thick-meated Scotch and  
Scotch-topped bulls from 10 to 20 months old,  
and females of all ages for sale at reasonable prices.  
Write,  
W. W. VAUGHN, Marion, Iowa

Wayside Short-horns

100 HEAD in herd. Will make attractive prices  
on some cows and heifers bred to Money  
Musk and Hopeful Knight. Bulls for sale at all times.  
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SHORT-HORN BULLS AND HEIFERS

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One good Poland China Boar 11 months old. Prices  
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HOGS. Twelve red Short-horn bulls for sale.  
Geo. A. Haus, proprietor, Newton, Iowa. Farm two  
and one-half miles north-east of town. Phone  
connection.

HERD BULLS.

3 Scotch Herd Bulls 3

AT MALAKA FARM.  
Two Reds, One Roan. Rare Bargains.  
H. D. PARSONS, - NEWTON OR BAXTER, IOWA



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## OUT OF THE RING BUT STILL IN THE LEAD

We have been ruled out of the International Fat Stock Show ring in Chicago, and disbarred from the association privileges for one year.

BECAUSE we refused to submit to the decision of one judge, knowing that he, however honest and capable he might be, was selected solely by our only would-be competitor, we being refused another judge to act with this one, drastic action was taken by the superintendent of the horse department, barring us from showing, not only in the German Coach classes, but also in the Belgian and Percheron classes, in which we had several entries, and well prepared for the battle. It is currently reported among horsemen who are on the "inside," that the measures adopted to deprive us of a fair showing grew out of plain jealousy by an envious breeder. However true this may be, we have reasons to suspect that the generally recognized merits of the Oltmanns breedings and importations have created an uneasiness in certain quarters. In fact, we know of more than one preconcerted effort to gain from us by unfair means, that which cannot be fairly gained. In the show world we stand without fear of successful competition.

The individually given each one of our animals places them in a class by themselves. In our breeding stables, both in Germany and America, every effort is made and with unvarying success too, to bring out most prominently those qualities of equine flesh that have given fame to the German Coach Horse and won for them a high place. On two continents the name we carry stands for excellence, in horse flesh. We are proud of our record as breeders and importers of German Coach as well as Percherons and Belgian breeds. Our buying facilities are unsurpassed. The senior member of our firm, Lunsdchaffert O. V. Oltmanns, resides in the German Coach Horse district, and within four hours ride of the Percheron and Belgian Horse district of France and Belgium, and is ever on the lookout for the finest and best the old country produces. We buy better horses at less expense than any other importer can possibly do, and for that reason can give you a better horse for less money than you can buy elsewhere. Write us for full particulars or call at our barns at Watseka, Ill., or Ft. Worth, Tex. Though ruled out of the ring we are still in the lead.

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Importer and Breeder of

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (38577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



## Registered Percheron Stallion

FOR SALE—Foaled March, 1904, weight 1,700; No. 41810, fine style and action, neat head, good quality. Price \$750. Address, W. C. Pollock, - Arion, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

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## Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

Address,

GEO. S. PRINE,  
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1907 Crop of Berkshires  
at Chapel Hill.

THE spring crop of big-boned English Berkshires pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address,

W. D. McTavish, - Coggon, Iowa

## BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address, E. H. DANCER, - Lamoni, Iowa

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Large, Improved English Yorkshire Swine. F. Rabaler, Prop., Leigh, Neb.



I HAVE the best imported and home-bred Yorkshires in America. Have made five importations, Oak Lodge Mustrel 5th 1855 and O. L. Fusiller 6443, two imported boars and Hinner Emperor 2038 at head of herd. Stock for sale at all times. Can furnish stock not akin. Now looking orders. Write us at once.

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WE HAVE

## 5 Young Galloway Bulls

EXTRA GOOD, RECORDED. Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks, cockerel or pullet mating, \$2.00 per 15.

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## FOR SALE.

## Percheron, Clyde Stallions and Mares

At prices all can buy.

Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see bargains offered to buyers.

Stallions sold to companies, if desired.

Address, A. H. BRETT,  
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## Percheron Stallions FOR SALE.

LORD TENNYSON 45208, 2,200 lbs., Iron gray, one of the best horses in the west; four years old; measurements: girth 7 ft., 11 inches; 17½ hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. HORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address, J. S. GOLDER, - SCRIBNER, NEB.

## H. LEFEBURE'S

BELGIANS,

BELGIAN STALLIONS

with required weight and

quality. On hand March

27, '07. Also 1 ton black

Percheron, heavy boned,

age 6, Imp. Nov. '06. Flight

miles west of Cedar Rapids,

near electric railway, also

C. & N. W. and C. M. & St.

P. railways. Henry Lefebure, Fairfax, Linn Co., Ia.



Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champlin Bros., Clinton, Iowa

## FOR SALE—FRENCH, DRAFT AND PERCHERON STALLIONS AND MARES

IMPORTED and native-bred, ranging in age from 3 to 6 years old and weighing from 2,100 lbs. to 2,200 lbs. Have a number of Missouri and Kentucky JACKS that are extra good. Will sell for less than any other man, breeding and quality considered. O. T. Gollehon, - Blair, Neb.

## FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion; will weigh 1,800 lbs., a worker and sound, coming five years old. Buy from the breeder, not the dealer. BERT ERY, - PLAINFIELD, IOWA

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BLACK U. S. 47895 (black) and Billy U. S. 47894, each three years old. Good ones with good and plenty of bone and are broken to harness.

J. L. SLICK, - LANARK, ILL.

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me. G. C. HARRISON, - Blencoe, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

HORSES, Best Home-Bred Registered Percheron and English Shire stallions at \$250 to \$500 at my stable doors. W. H. Schuele, Lemonville, Mo.

## HORSES.

## FRANK IAMS

has opened FOR SALE a "new barn" full of his "PEACHES AND CREAM" Percheron and Belgian stallions, (NOT SEEN BY BUYERS BEFORE.) They are his "FAMOUS PRIZE WINNERS" that you ALL saw at the Ill., Iowa and Neb., 1906, state fairs and his "TOP NOTCHERS" bought for the "1907 HORSE SHOWS." "Shy Ann, get into 'IAMS' BAND WAGON," all RAILROADS lead to ST. PAUL, NEB., (at 2 cents a mile.) Have a look and you will buy one of IAMS.

## 40 Percheron and Belgian Show Stallions 40



Among them are the FIRST PRIZE and SWEEPSTAKES PERCHERON and BELGIAN at 1906 Neb. state fair. The SECOND PRIZE WINNING four-year-old black Percheron stallion at 1906 Ill. STATE FAIR. The "HIGH FIVE" coming four-year-old Percheron stallions that won the "LION'S SHARE" of prizes at Ill., Iowa and Neb., 1906 state fairs. The first prize winning coming three-year-old black Percheron, wt. now 2080 lbs., and many others. IAMS' "1907 SHOW STALLIONS" are the "BEST EVER" WINNERS and SONS OF WINNERS in FRANCE and BELGIUM. They are three to

six years old, wt. 1,800 to 2,500 lbs. Ninety per cent blacks. Seventy-five per cent TON HORSES. ALL IMPORTED and STAMPED. DAD—IAMS' stallions are SO GOOD they need not be "peddled" or put on the "auction block" to be sold, to get your cash business QUICK. IAMS will sell you CHOICE of ALL his stallions at from

\$1,000 TO \$1,500

(BAR TWO). All his stallions must be sold. His selling clothes fit ALL buyers. No man with money or bankable notes gets away from Iams. He buys, owns and sells more stallions than any man in U. S.; saves THOUSANDS OF DOLLARS to STALLION BUYERS. He is not in the stallion trust. Iams places \$1,000 or \$1,500 insurance.

\$1,000 — SAVED AT IAMS — \$1,000

Ikey, what a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS." His establishment is worth going 2,000 miles to see. He is knocking "high prices" out of the "Xmas tree." Iams "butts in" sells more stallions each year. George, dear! buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear the diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no BUYERS, SALESMEN or interpreters, has no two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to Stock Companies for \$2,500 to \$5,000 by SLICK SALESMEN or pay you \$100 for your trouble, you the judge. Iams pays horses' freight and buyer's fare; gives 60 per cent breeding guarantee. REFERENCES: St. Paul State Bank and Citizens National Bank.

## ST. PAUL, - NEBRASKA



## TAYLOR &amp; JONES'

New Importation

ARRIVED MARCH 9TH.

Our barns are now filled with imported and home-bred PERCHERON, SHIRE and BELGIAN STALLIONS. Don't you know that PUBLIC SALES of stallions only indicate a cheap lot of trash, or that the sellers are men who CAN'T DO A BARN BUSINESS? Did you ever know a merchant to sell groceries at auction? Would you buy a gold watch at auction? We use no slick salesmen to sell our horses. They are good enough and our reputation so clean that we are selling more horses than ever before, which proves our prices are the lowest, our horses the best and our manner of doing business is satisfactory to our patrons. For catalog address,

## TAYLOR &amp; JONES,

BOX 68,

WILLIAMSVILLE, - ILLINOIS.

PUBLIC SALE OF SHORT-HORNS, JUNE 4, 1907.



## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Born at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

## PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Munsam & Wheeler, - Fairfield, Iowa

When writing please mention this paper.

## FOR SALE AT A BARGAIN

KING WILLIAM 12782.

Registered French Draft Stallion. Foaled June 1899, weight 1,800; also a Shire stallion 4 years old, weight 1,700. W. A. JOHNSTON, Prairie City, Iowa

When writing please mention this paper.





VOL. LII. NO. 18.

DES MOINES, IOWA, MAY 2, 1907

WHOLE NO. 2598

### SOME HINTS ON PIG RAISING.

Pig raising in the minds of many persons is a hit-and-miss affair. Men expect "bad luck" at intervals. Our attention has recently been called to an instance where an extensive farmer raised only fifty pigs from the first fifty sows that farrowed, and yet, on the other hand, it is not difficult to find instances where a large bunch of sows have raised seven, eight and nine pigs on an average.

When a man loses his pigs in a wholesale way, is it a matter of bad luck or bad management? In our opinion it is the latter or, rather, mismanagement. It is too late to give advice now on handling the sow previous to farrowing, but it is not too late to drop a few hints that will help out the man who has succeeded in saving a nice average.

The matter of first importance is that of keeping a comparatively small number of young pigs together. We have found from experience that two sows may be put together when their pigs are two or three weeks old, without running any risk of the pigs "stealing" and thereby runting. An outlay of \$15 or \$20 will fence a half acre lot, and more than this can be saved on the first bunch of pigs raised, providing, of course, that the sows average seven or eight each. When the herd is divided up in this way and the old sows are fed all the good rich slop that they will eat during the first two or three months after they farrow, the largest and most economical gains will be made on the young pigs that is possible during their career. It is not unreasonable to expect a good milking sow, when handled in this way, to make her pigs weigh thirty, forty or even fifty pounds by weaning time, but it cannot be done where large numbers are run together.

We do not deny that there is profit in raising pigs the other way, that is, by letting the sows all run together and allowing the little pigs to take their chances as they find them, but, on the other hand, there is much more profit in the plan outlined above, namely, dividing the sows up while the pigs are sucking.

Men are divided in their opinion as to the advisability of feeding young pigs heavily between the time they are four or five weeks old and weaning time. Where one has saved a large average per sow we certainly think that it pays to feed, and that can only be done successfully when a creep is provided for the little pigs. They need something else besides corn, and while mill feeds are high in price and have been for some time, yet it will pay well to use them to some extent. We do not adhere to or advocate any special mixture. Five parts ground corn, five parts middlings and one part tankage or oil meal will make an excellent slop for young pigs, and we think that it pays to mix it up about twelve hours before feeding. With such a mixture little harm can come from feeding all that the young pigs will eat up clean two or three times daily.

When such a plan as outlined above is carried out you will find that you have bouncing big pigs at weaning time, and there will be no dropping off when that period is passed through. Such pigs are in ideal shape to acquire a good deal of their living on pasture during two or three months after weaning, though, as a rule, we believe that it pays to feed a little grain every day of a growing pig's life.

One thing more. Do not forget to put in a supply of mineral matter, such as

soft coal slack, charcoal or ashes. It requires but little time and a small expense to keep a constant supply of min-

eral matter before hogs, and such a supply seems to be an important part of the whole ration.

## Listing and Surface Planting.

Geo. T. Pettit, Kansas.

Listing is sometimes referred to as "The lazy man's way" of planting corn, yet some of the most energetic, pushing men of our acquaintance practice it. When a man desires to rush in a large acreage in a short time, the lister helps him do it, and the two row disk lister cultivator enables him to tend the crop in good shape without paying out very much for hired help. Trans-Missouri corn belt farmers may be divided into three classes; those who always list,

those who both plow and list, and a rather small, but slowly growing minority who always plow their corn land and never list.

The man who always lists and never plows for corn is usually—not always—a short-term renter who is interested only in getting as much as possible off the farm during his short occupancy, and who believes he can grow corn more cheaply by the listing method than in any other way. If the land has been plowed within

recent years, he finds his theory works out admirably and he raises corn cheaply. On the other hand, if the land has been listed continuously for a number of years, results are not what they ought to be nor what they would be if the ground had been plowed to a good depth and thoroughly pulverized. Listing is essentially a cut-and-cover operation, and continuous listing year after year cannot but be detrimental, particularly if the old row is listed out each time, a method which is much practiced, and which results in the soil between rows becoming so hard that the corn roots can scarcely penetrate it. It is an easy way to plant, but the crop is not so easily tended as it would have been had the soil been more thoroughly pulverized.

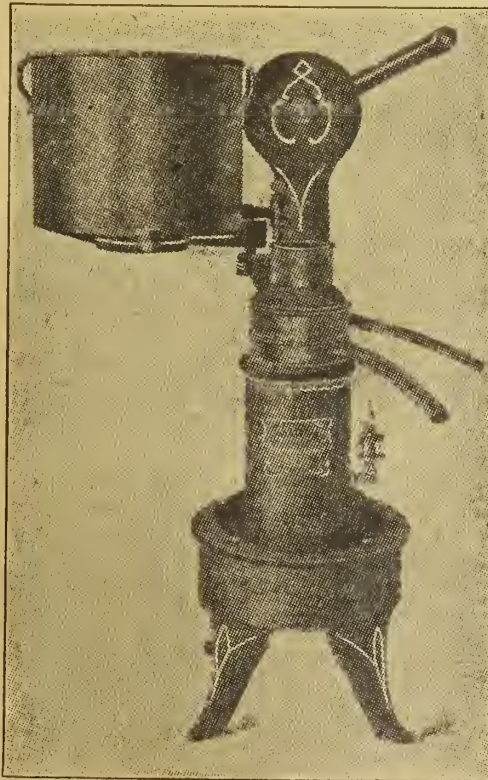
The second class referred to above believes that under certain conditions it pays to list, and sets about making conditions right by plowing the land frequently, not all at once, but keeps the plow running until near planting time, fits and plants the plowed ground, then finishes up speedily by bringing the lister into use. The land having been plowed within from one to three years is in prime condition for the lister to do a good job, and to be easily tended and kept clean during the after cultivation of the crop. The surface planted corn starts quicker and for a time grows faster than the listed corn, therefore cultivation does not come "all in a bunch," but can usually be prosecuted to better advantage than if all were listed or all surface planted. It will be seen then, that there are several advantages in dividing the work between the plow and planter, and the lister.

The third class almost invariably own their farms and farm them or manage them themselves. Many of this class are numbered among the best farmers of their respective communities. They practice rotation of crops and do not run everything to corn, hence their acreage is limited to that which they can handle in a thorough manner by the surface planting method. They believe the plow is a friend to the soil, while the lister is an enemy; that good farming demands the uniform turning and pulverizing of the soil each time a crop is planted; that the soil washes much worse after the lister and that listing makes hard plowing for the crop following. Another reason why some of these men object to the lister is that they have a piece of sod to plow for corn nearly every year and the lister is no good in that kind of ground.

I think most western farmers are agreed that there is some advantage in a deep seated root system; that with the roots deep down in the ground the crop will endure dry weather better and generally stand up better than if they are near the surface. Very often the runners of the surface planter are put down four or five inches under the vain delusion that deep planting on a level surface will cause the corn roots to grow deep in the ground. Of course, deep planting will result in placing the tiny seed rootlets deep down, but these are comparatively insignificant and do not help the plant much after it has developed leaves in the open air and put forth the first set of lateral roots near the surface. Nature has provided that these lateral feeding roots shall be put forth in rings or sets, one set above another, the first or lower set but a short distance below the surface of the ground immediately surrounding the young plant. This is to a great extent the order of growth whether the seed is covered two inches or six inches deep.

### GALLOWAY CREAM SEPARATOR.

Wm. Galloway, President of the Wm. Galloway Company, 103 Jefferson St., Waterloo, Iowa, can well be styled the Farmer Business Man. This title is due him, partially because he has spent so many years of his life on the farm, and partially because he has the welfare of the farmer at heart constantly. He is always looking out for the needs of the farmer, and studying in what way he can best supply those needs. He will not sell an article to any farmer that he cannot back by his reputation. He stands back of every article manufactured by his mammoth factory. This is not all. You need not take his word for anything if you do not wish, for every deal made between him and his farmer friend is backed by a \$25,000 bond, which ought to give the farmer confidence in him. Mr. Galloway realizes that



there are thousands of farmers who would own a cream separator if they could purchase one at a reasonable price, and for this reason, he has put a separator that is first class in every respect on the market. He will take all the risk of it pleasing you. In order that he may furnish you this separator at as low a price as is possible, he has done away with the middle-man, the retail dealer who must have his profit, and will sell to you direct. He has conceived what he calls a "Free Trial Plan" which will enable you to get one of his separators, and test its worth for yourself on your own farm. If you drop him a postal card, at the address given above, he will send you a personal letter, setting forth in detail his "Free Trial Plan," and will also mail you one of his catalogs, which, by the way, is as neat a sample of the printer's art as it is possible to find. This catalog contains just the information about the cream separator that you are looking for. It is not the same old grind, but is gotten out in a style peculiar to Mr. Galloway. Remember, should you get one of these catalogs and decide to order a separator, which you will do in all probability, you need not keep it, if it is not satisfactory in every detail. Remember, also, that all deals made with Mr. Galloway, are backed by his \$25,000 bond. Why not write him today?



Our experiments along this line indicate that deep planting results in placing the first set of laterals a trifle deeper than in shallow planting, because no matter how light the covering, the laterals must be above the depth of the seed, but as between ordinary and very deep planting there is practically no difference. We have examined corn plants that had pushed up through six to eight inches of loose soil, and even here the first set of feeding roots were put out within two inches of the surface. It will be seen, therefore, that the only practical way to induce the plant to put forth roots deep in the ground is to plant in a ditch and then fill it gradually during the growth of the crop. This may be accomplished by either the listing or the furrowing method.

Within the past few years disk furrowers to attach to the common surface planter have been introduced and used to a limited extent, also more recently the combined disk furrower and planter. These implements can be used only on plowed ground and they give good results; although in foul land the lister has an advantage in that it prepares a fresh, clean seed bed, while the furrower is liable to deposit the seed where the young corn plant will be surrounded with weeds almost from the first. Early fall plowing followed by the lister in spring gives an excellent preparation for the corn, the crop being easily cultivated and the yield satisfactory as compared to other methods of management.

The disk harrow is an excellent tool with which to prepare land for listing, and it is being much used for that purpose. A thorough disking a short time before planting will destroy myriads of weeds, put the land in proper tilth to retain moisture, and the greater ease of cultivating the crop will go far toward paying for the work. Listing permits of drilling the seed by single kernels and yet offers superior facilities for keeping the crop clean. Plowing and furrowing also is favorable to drilling, but the crop probably is not quite so easily kept clean as when listed, for reasons previously stated. In surface planting it is quite generally considered advisable to check-row, thus bunching the stalks in hills, a condition which is not the most favorable to the production of large, uniform ears.

Soil washing is the thing most often urged against the lister, and it cannot be denied by the most strenuous advocate of listing that it takes less water to start little rivulets down the listed rows than on ground that is top planted, the plowed ground usually possessing a greater absorbent capacity. And yet, when the bed of loose earth is filled to its capacity by a very heavy rain, if the rain continues, serious washing is bound to occur on rolling land. We believe, however, that more corn is washed out and rather more soil washed away where listed than where top planted. Surface planting permits of the frequent use of the weeder during the early stage of growth, and with the weeder to follow the cultivator it is possible to do much more effective work in surface drilled corn than could be done without it.

The best way to plant listed corn is with the riding sulky lister and drill drawn by four good horses, then the two row machine drawn by the same team will do excellent work, the shovels tearing up the middles in good shape at the second working, provided they are set as deep as they should go. It is not the judicious use of the lister, but its abuse that is to be condemned.

#### The Time to Plant Sod Corn.

To the Editor of The Homestead:

The usual time of planting sod is late in May or June, the idea being to escape the ravages of cut-worms. Some seasons late planting is satisfactory. There is always the chance of being caught by frost and also the contingency that if the late planting should not be a good stand it then would be too late to replant.

There are sixteen varieties of cut-worms that injure corn. According to Forbes, the Illinois State Entomologist, eight of the nine leading varieties do not pupate and cease their work before June. I have found cut-worms in July still active.

No corn planted in Iowa after the first of June can be expected to produce fully matured grain except the ninety day varieties. Custom is a good thing to follow because it shows the experience of others worked out in practice. However the custom of planting sod corn late, according to my experience and

The mutually advantageous arrangement whereby American and Canadian newspapers and other periodical publications have been delivered in both countries without payment of additional postage has been abrogated, and, after May 8, 1907, the publishers of both countries will be required to prepay postage in stamps on all copies of their publications going across the border line between the two countries. This will compel Canadian publishers to charge much higher subscription prices in the United States than in Canada and will render it necessary for the publishers of the United States to raise the prices of their publications to Canadian subscribers. The postage rate heretofore charged has been a low price per pound, and the effect of it has been to encourage the circulation of the papers of both countries. The new rate is one cent for four ounces and each fraction of four ounces. The postage on weekly publications will be from 52 cents to \$1.04 a year, according to the weight. Most of this amount will necessarily be added to the subscription price. The Homestead regrets this change, as it tends to obstruct or interrupt the free and friendly interchange of ideas between these two closely related neighboring peoples.

Official influences unfriendly to the press have been working for several years past to secure an advance in the rate of postage on newspapers and magazines in this country. For over twenty years, the rate has been \$1 per hundred pounds, regardless of distance. This considered as a freight or express rate, is a high rate and constitutes a heavy tax upon the publisher, who under the present law prepaies the postage. Compared, however, to the rates of postage on letters, circulars and transient newspapers, the rate is low; and, if the circulation of newspapers and magazines were not a highly educational force, an influence for the advancement of every interest of the people, it would probably not have been adopted. Congress fixed the rate in the hope of making good reading matter cheap and abundant; and that object has been accomplished. The publishers have given the benefit of the low postage to the subscriber, who has thereby been enabled to purchase newspapers and periodicals at very low prices.

The third assistant postmaster general of the United States has within a year proposed that the rate of postage on newspapers and magazines be quadrupled, the new rate he recommended being four cents a pound. Congress took no action upon this recommendation and it is believed never will do so. Congress has from the beginning of our government uniformly favored low priced facilities for distributing newspapers and magazines; and, although the postoffice department has several times sought to have the rate advanced, congress has always taken a wise, broad, patriotic and

observation, does not give the maximum results.

In the latitude of central Iowa I would prefer to have my corn on sod planted previous to the middle of May. My experience convinces me of it. Also others who have tried it. In the first place you will get a sound, well matured merchantable corn that will grade on the market. Second: the late varieties now grown throughout the state need the entire growing season to mature in. Late planted corn can not be expected to produce the sound grain that the markets desire. The yield is also much larger.

Before planting your corn early the ground needs to be carefully worked. Very shortly after plowing harrow the sod by driving in the same direction that the plowing was done. This is necessary in order not to upset the sod. The next step is to disk and harrow alternately about one week apart until planting. The idea is to arrest the ravages of the cut-worms. Many of them live over winter partly grown, others hatch from eggs in the spring. In any case he does not like

statesmanlike view of the question and has never in a single instance advanced the rate. It certainly should not do so now.

The success of The Homestead's department of classified advertising is phenomenal. The arrangement whereby The Farmer and Stockman, of Kansas City, Mo., and The Wisconsin Farmer, of Madison, Wis., publish every classified advertisement of The Homestead without additional charge is an admirable one and is heartily appreciated by our subscribers. We advise our readers to look this department over every week, as it contains many interesting and attractive announcements. If you desire to insert an advertisement in this department, you will find the rules governing classified advertising clearly told in the announcement at the top of the classified page.

"The results from our advertisement in The Homestead exceeded all our expectations," write Messrs. Garland and Fowler, proprietors of the Red Cedar Nursery, Afton, Iowa. "We of course, expect to continue to use your paper." This is the experience of practically every Homestead advertiser who has a good proposition to publish and who regularly and persistently advertises in The Homestead. One hundred thousand farmers and their families, hired help and neighbors read The Homestead each week and are helped by it in solving the problems of the farm, orchard, garden and feed-lot. The advertiser of nursery stock, machinery, implements, live stock, poultry and other things wanted by the farmer can find no better audience to talk to about what he has to sell than this vast army of farm folk.

"I think The Homestead is a grand farm paper," is the verdict of Mr. Day Terwilliger, of Mt. Ayr, Iowa. "I subscribed for it when I was married eight years ago, and have continued to read and enjoy it ever since. I do not see how a farm can be run without it. I especially like 'Farm Furrows,' 'Day by Day' and the letters of Henry Hatch, all of which are grand. I take the Red Letter combination and appreciate every one of the five papers." The Homestead always likes to receive the subscription of a young farmer on his wedding day, and to become a part of his happy married life, helping him and his good wife to solve all their problems of farm and farm home. There is no more suitable wedding present than a ten-year subscription to The Homestead, which costs the giver five dollars and gives the recipients ten years of safe and reliable guidance in farm work.

Mr. C. C. Morgan, of Fairfax, Mo., writes that he is well pleased with The Homestead, and especially so with the articles on the care and raising of swine. "I always read the articles about hogs first," he says. "I am greatly interested in that subject, as I raise from 400 to

500 hogs a year. I rent a half section of land and run it on the shares; have had the same place for five years now." To such a stock raiser as Mr. Morgan, The Homestead is certainly worth many times its cost. The great industry of raising hogs has always been recognized by this paper as of prime importance; and no issue of The Homestead is published without some practical information for the breeder or feeder of swine.

"I have been reading The Homestead for over fifteen years," writes Mr. Nels Madson, of Ames, Iowa, "and I am very well pleased with it. In fact, it is the best farm and family paper I have ever seen." Fifteen years' acquaintance is a pretty thorough test of the excellence of a farm paper; and this testimony of Mr. Madson is therefore very valuable and conclusive. There are, of course, many thousands of our readers who have been Homestead subscribers much longer, and to all such it has become an inseparable friend, adviser and counselor. We greatly prize the friendship of these old subscribers; and it is our aim to make The Homestead so good that all of its new subscribers will remain with it until they, too, will be as firmly established in their love and affection for it as the oldest patron.

Very deeply rooted is the affection of an old subscriber for the paper he has read for years. This is shown by the thousands of cases where the old home paper is ordered to follow the subscriber to his new home hundreds or thousands of miles away. The Homestead has many such subscriptions, and greatly values them. On our desk at this moment lies a letter from Mr. R. H. McIntyre, formerly of Armour, Neb., but now receiving his Homestead at Vancouver, Wash. "We enjoyed your paper in Nebraska," writes Mr. McIntyre, "and as we left many an old friend there, it will be a pleasure to have one old friend visit us every week in our new home. I shall ever remain a friend of The Homestead and you have my best wishes for its complete and permanent success."

In the opinion of Mr. G. W. Shafto, of Kearney, Neb., farming is among the noblest of pursuits, when pursued on the high plane of scientific knowledge. This view makes him a warm friend of The Homestead, which sentiment he cordially expresses in a recent letter renewing his subscription. "I could not possibly do without The Homestead," writes Mr. Shafto. "I have received many helpful suggestions and much valuable advice along the lines of general farming and stock raising. I do not believe that anyone can run an up-to-date farm without the assistance of some agricultural paper; and I consider The Homestead as leading all others toward the high plane of scientific farming, thus aiding us in placing our calling where it belongs—among the noblest pursuits."

bushel of seed is not too much for six and one-half acres.

The long period of preparation is equally well adapted for all kinds of ground. When we really begin to grow corn with skill it will be along these lines. Although sod will force corn along very rapidly, yet taking it one year with another the medium planted corn is the largest yielding.

The week previous to the middle of May would be the one I would plant all my corn in if it could be done.

Muscatine Co., Ia. George Steen.

#### SACRED PICTURE FREE.

On page 14 one of our advertisers offers to send any who will answer the advertisement a picture of "The Good Shepherd." To representing a character of Bible times. To secure this picture you should send ten cents with your request for a three months' trial subscription to The Mother's Magazine. This is a large illustrated home and family magazine. The picture no doubt is worth several times the value of the magazine. The number of the picture is 235, which you should remember to mention in your letter. Address The Mother's Magazine, Elgin, Ill.

disturbance. Stirring the ground turns him out to be killed by the sun or taken by birds. Not the only object accomplished in the regular stirring of the soil is the killing of cut-worms. The saving of moisture and liberation of plant food is done by these same operations.

Most soils have not enough work put on them. Some have enough work done on it, but usually it is all done the week previous to planting and it does not do the good it should. By spreading the work over a longer space of time more good will be accomplished in saving moisture, in the disturbance of the culture, and the corn root louse. These insect ravages cannot be entirely checked by these methods, but to a large extent can be avoided. The corn root louse especially can be greatly reduced by the thorough preparation as indicated.

Sod land requires more seed than other ground because of a greater mortality of plants, caused by cut-worms, squirrels and other things so that one



## Farm Furrows

Turned by a Practical Farmer.

A good garden saves many a doctor's bill.

Borrowed trouble need never be returned.

There is nothing I enjoy more than to let a cross sow alone.

Be careful about over-feeding the idle horse. Azoturia and death are largely synonymous.

It may do to lam time out of a kicking horse, but not so with a dairy cow. Kindness is the doctrine for her.

The hen is a back number when it comes to hatching eggs. Keep the hens laying and let kerosene do the work.

It does not pay to hire a cheap horse doctor when a good veterinary can be secured. Most any man can be the former.

A woman's saving capacity has about as much to do with the prosperity of a family as has the earning capacity of her husband.

Keep the crust broken up around young plants to destroy small weeds and conserve moisture. A tooth harrow is the thing for this.

A thousand dollars' worth of butter removes but a few cents' worth of fertility from the soil. Directly it may remove a good many forkfuls.

Here is a wrinkle in horsemanship: Instead of putting a twitch on the nose, put it on the ear and you can make any horse say, "Pussy, pussy," as it were.

If the cistern leaks an application of cement thinned to the consistency of cream and spread over the wall with a whitewash brush will close up undiscovered cracks.

The breeding of pure blooded stock has received a wonderful impetus the past year and every breeder is sold down to his own keeping. Now there is danger that breeders, old and especially new,

**Let Us Send You Our Book.**

about good wheels and good wagons that will save you a lot of work and make you a lot of money—the

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and the

**ELECTRIC HANDY WAGON.**

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**SELL TOBACCO AND CIGARS** locally or traveling; salary or commission. Full time or side line. Steady work; good pay; promotion. Address, Morotock Tobacco Works, Box Q 93, Danville, Va.

## Vigorous Pigs

The sow is supposed to impart to her offspring her own constitution. It is, therefore, important that we raise pigs from vigorous, healthy sows. No stock will give as much return for the keeping as pigs, if properly cared for. It is said that in ten generations the progeny from a single sow will number into the millions. But disease must be avoided. Proper feeding is the first necessity and cleanliness the second. The advantage of giving a sow a tonic to insure proper digestion and assimilation, and to increase both quantity and quality of milk for pigs is apparent.

Dr. Hess Stock Food is the combination of just the proper tonics, etc., to produce perfect health, and hasten maturity. Given to the sow before farrowing, and up to weaning time, and in the milk and meal to the pigs afterwards, there will be no loss from disease, and a steady vigorous development will result.

## DR. HESS STOCK FOOD A TONIC

is the prescription of Dr. Hess (M.D., D.V.S.) and costs but 8c per month for the average hog of 125 pounds. It is especially intended to make market stock grow faster, cows give more milk and horses do more work. Besides this, it gives stock that sleek, healthy appearance that commands the fancy price. As proof that Dr. Hess Stock Food will produce the results we claim, we quote Professors Winslow, Finlay Dun and Quitman—the most noted of all medical writers—who tell us that bitter tonics improve digestion, that iron makes blood and nitrates of soda and potash assist nature in throwing off the waste material from the system. These are the ingredients contained in Dr. Hess Stock Food, and besides it is

**SOLD ON A WRITTEN GUARANTEE.**

100 lbs. \$5.00. 25 lb. Pail \$1.60.

Smaller Quantities at a Slight Advance.

Except in Canada and Extreme West and South.

Where Dr. Hess Stock Food differs in particular is in the dose—it's small and fed but twice a day, which proves it has the most digestive strength to the pound. Our Government recognizes Dr. Hess Stock Food as a medicinal tonic and this paper is back of the guarantee. Free from the 1st to the 10th of each month—Dr. Hess (M.D., D.V.S.) will prescribe for your ailing animals. You can have his 66 page Veterinary Book any time for the asking. Mention this paper.

**DR. HESS & CLARK, Ashland, Ohio.**

Also manufacturers of Dr. Hess Poultry Pan-a-c-e-a and Instant Louse Killer. Instant Louse Killer Kills Lice.

## 30 DAYS-FREE TRIAL

The Famous SPLIT HICKORY Vehicles



You Pay Us Nothing, Until You Are Satisfied.

**Send No Money** But write me at once for full information about this most liberal offer. Remember, you can have 30 days' free trial on any of my famous Split Hickory Vehicles, and you don't have to pay us any money unless you are satisfied. Don't buy a buggy or vehicle of any kind from any one until you get my valuable Buggy Book. It is the most wonderful Book about Vehicles ever published. Just write me a postal card and say: "Send me your free Buggy Book," and I will send it to you by return mail absolutely free. Write me now, before you forget it. H. C. PHELPS, President

**THE OHIO CARRIAGE MFG. CO., Station 31, Cincinnati, Ohio.**

This Valuable **BUGGY BOOK** Mailed **FREE** Write For It

tell toad stools from mushrooms, eat a dish of each; the dish that kills you contains the toadstools. Mail the paper containing this only to your dead headers and you may get rid of some."

The next worst job to stacking straw at thrashing time is that of riding the disk on rough ground or sod. One is bumped up and down, frozen and thawed and as a climax carries away a good portion of alluvium at quitting time.

While it is not a general practice it is nevertheless a good one to disk the stalk ground that is to be plowed for corn. Evaporation of moisture is prevented by the mulch and trash is much reduced. Such a field plows up very mellow.

Cocoa is becoming a popular beverage on the farm as elsewhere and at the expense of tea and coffee, too. According to statistics, the importation of these latter products has fallen off considerably in the last two years. Most any beverage ought to be good, however, with plenty of cream and sugar.

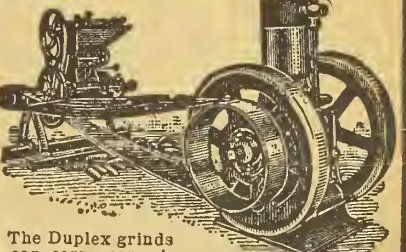
Reading and traveling are two great sources of education. The farm home may have the best literature in the world at a small cost. By economies in certain lines all members of a family may enjoy trips at convenient times, which will greatly stimulate the desire to know more of this great country in which we live.

My opinion is that the advance in methods of doing farm work has far surpassed that which has taken place in the household. Now one man can do as much as six could years ago, but in the house a woman finds the exactions of present methods of living a burden which can be relieved but little in labor-saving machinery.

To the man who lives in the city and who fails to appreciate the fact that

## THE KELLY LINE

The Kelly Simplex Air and Water Cooled Engines and Kelly Duplex Grinders



The Duplex grinds ear corn, corn in the shuck, Kafir corn and all kinds of small grain. Especially adapted for farmers and stock feeders' use. Write for free descriptive catalog, showing our full line of engines and seven different sizes of mills. The engines are shipped all set up and ready to run.

**The O. S. KELLY WESTERN MFG. CO.**  
DEPT. H, IOWA CITY, IOWA.

farm work cannot be planned for any number of days in advance, farming looks easy. It is the inexactness of the work that makes good judgment founded on practical experience an absolute essential to make 4 per cent on an investment.

If city inhabitants got into trouble over wall partitions as easy as farmers do over line fences what a revolutionary state of affairs would exist. A law-suit so seldom ends with the verdict of the court.

I've seen many a three-year-old colt that had more sense than a twenty-year-old man. The common practice when a colt is first put in harness is to strike him to make him go, naturally he goes too far, so you jerk him; so there is only one other place for the colt to go, namely, straight up.





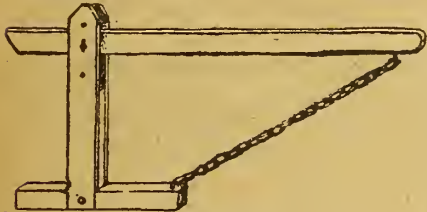


## HINTS, SUGGESTIONS, DEVICES AND CONDENSED LETTERS FROM CORRESPONDENTS.



Mr. F. M. Goldsmith, Henry Co., Iowa, submits a plan for bracing posts which is illustrated in the attached sketch. The end post is the one to the left side of the sketch. An anchor secures one end of the wire to the second post, while the other wire is secured on both posts. Both are twisted taut when the brace is fixed in position. With this kind of bracing the sender of the idea thinks the corner post will not lift.

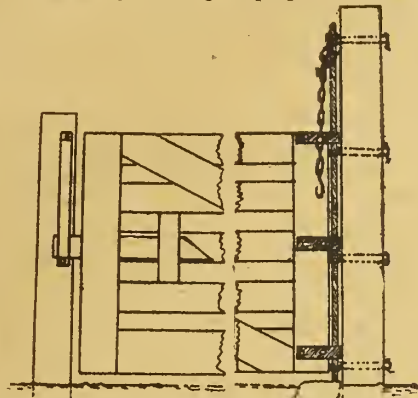
A very handy and simple-made wagon jack appeared in a recent issue of the *Prairie Farmer* and we reproduce it for the benefit of those who believe in sav-



ing their backs where it is possible. The standard is made to suit the height of the wagon trucks; a little lower than the rear axle and a bit higher than the front one. The device for holding the lever in its different positions is a chain from the platform, which hooks in the finger at the end of the handle.

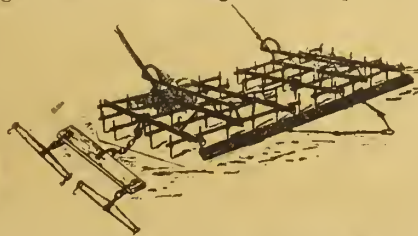
Regarding a farm gate, which one of our subscribers, G. G. B. Decorah, Iowa, sends, we quote from his letter as follows: "The principle feature in the construction of this gate is that it can be raised from the ground two or three feet or more very easily. This makes it possible to let sheep or swine run under it and also to avoid shoveling much snow in winter when a bank collects on one side of the gate. The gate is made very simply and at the same time costs but little. The gate proper is made like any other and its width and height to

suit the driveway. The hinges are made of heavy strap iron and should be three in number, which should be hinged around heavy pump tubing on which they may be moved up and down. The tubing is fastened to the fence post by twisting four or five strands of number 12 wire and giving them one twist around the tube, then putting the ends through a hole in the post after which the two ends can be twisted and held in the hole by driving a plug in the hole

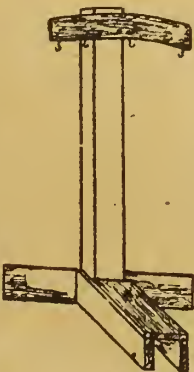


from the back side of the post. They may then be twisted around this plug which will hold them firmly in position. A large, thick rock should be placed under the upright tubing for a foundation. To hold the gate in position when it is raised to allow hogs to pass under, the same should be secured with a hook at both ends, sufficiently long to reach from the top of the hinge tubing and pass around the upper loop hinge of the gate. With this chain the gate may be held in any position desired. The gate latch is made out of a long piece of strap iron which is bolted to the side of the post in a way that it will fit the latch at the different heights as shown in the illustration.

A very splendid idea for transporting a toothed harrow is to connect the sections and hitch on the end. No matter how wide the drag, when drawn in this fashion it will pass through the smallest gate as well as a wagon. It is quite of-



ten necessary to drive through lanes in small grain fields and where the harrow is drawn as ordinarily there is much damage done. Who has not had such an experience or spent valuable time in working a twenty-foot harrow through a fourteen-foot gap? All this may be avoided by securing several trace chains or having rods made to hook the sections together. Have a small chain to fasten the double-trees on the end section and you can take a harrow through gates and narrow lanes without difficulty.



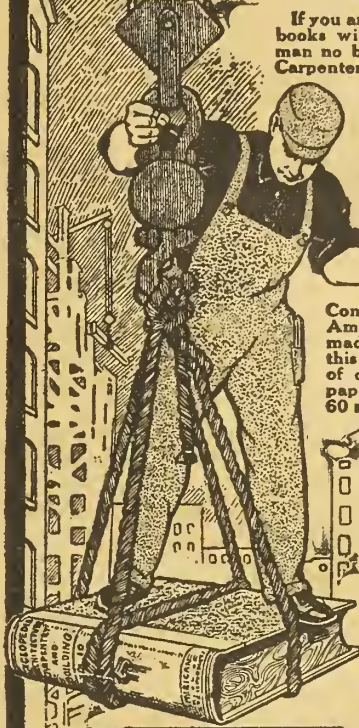
A young reader out in Washington sends us a plan for making a grain bag holder. As will be seen by the diagram the sack is hung on four hooks, made out of wire staples, bent as desired and driven in the lower edge of supporting arms. The outside hooks point forward; the inner ones backward. The standard may be a 2x4 or 4x4 and the platform is cleated on as shown in the sketch. It is quite probable that a good many boys could avoid a dusty job by making one of these bag holders.

The illustration herewith given shows how a fence may be constructed through



a ravine so that the posts will not leave the ground. Instead of putting the

## BUILD WITH PRACTICAL KNOWLEDGE



If you are a House-Owner or planning to build, this set of books will save you many times its cost. For the young man no better opportunity could be offered. If you are a Carpenter, Contractor, Builder, Architect, Draftsman or Mechanic, it offers you an exceptional chance to advance in your present occupation. The truest test of your present efficiency is the amount earned by you from week to week. Unless you are advancing and earning MORE AND MORE money as you grow older, there must come a time when younger and more ambitious men will crowd you out. Learn now to turn your spare time into money.

### Cyclopedia of Architecture, Car- pentry and Building

Compiled from representative instruction papers of American School of Correspondence. This offer is made merely to advertise the School. We believe this great work will easily demonstrate the superiority of our method of instruction. If you mention this paper, a 200-page hand-book describing the Schools, 60 regular courses, will be sent FREE.

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Sent by express, prepaid. Send \$2 within five days and \$2 a month until paid for; otherwise notify us to send for them. In any case you lose nothing.

Absolutely no orders accepted at this price if postmarked later than June 15th, 1907. Among the Chapters:

Reinforced Concrete—Carpentry—Superintendence—Estimating—Contracts—Specifications—Strength of Materials—Mechanical Drawing—Architectural Drawing—Masonry—Electric Wiring—Plumbing—Steam Fitting—Gas Fitting—Heating—Ventilating—Carpenter Work—Scaffolding—Roofing—Steel Construction.

American School  
of Correspondence  
3365 Armour Ave.  
Chicago

posts upright the holes are dug at right angles to the surface. When the wires are made taut and are well stapled the force which is exerted in an upward direction tends to cause the post to bind rather than to pull out straight. The wire directly over the ditch is held down somewhat by the large stone which is hung on the wire and hangs in the way of stock that might attempt to walk up the ditch and under the wire.

### Dispersion Sale of The Clover Blossom Short-horns.

The dispersion of the Clover Blossom herd of Short-horns owned by Mr. Geo. Bothwell, of Nettleton, Mo., on April 22d, brought out one of the finest crowds of breeders that have assembled at a sale in Missouri for some time past. Illinois, Nebraska, Kansas and Missouri were well represented by men who appreciate good cattle and from the start it was evident that all had great faith in the future of the red, white and roans. Had it not been for the unfortunate accident of an unruly cow stampeding during the early part of the sale a higher average probably would have resulted. On the entire offering of fifty-nine head an average of \$159.41 was made. As was predicted by the press, Imp. Ethel and roan heifer calf by Golden Lavender topped the sale at \$1,000, going to Messrs. Harriman Bros., of Pilot Grove, Mo. These gentlemen also took Maid of Honor at \$490 and Echo at \$200. Ethel and Echo were granddaughters of the great Imp. Nonpareil Victor. Maid of Honor was got by Grand Victor. Messrs. Harriman Bros. made no mistake in adding these fine things to their all-Scotch herd. Mr. Henry Kuper, of Humboldt, Neb., took three good things, among which was Imp. Winifred 4th and heifer calf by Golden Lavender, at \$500. Mr. A. J. Ryden, of Abingdon, Ill., who was the runner up on Imp. Ethel, later lauded Clover Blossom Wimple, a daughter of Nonpareil Victor, and bull calf at \$675, and Keepsake, a daughter of Grand Victor, and heifer calf, at \$450. Golden Lavender, the herd bull sold for \$995 to Mr. Ben Bothwell, of Breckenridge, Mo. Mr. A. O. Stanley, of Sheridan, Mo., secured Lavender's Best by Golden Lavender and out of Clover Blossom Wimple at \$300. He is a full brother to the show heifers that were so prominent in 1900 and 1901 and has gone to do service in a good herd. Colonels Belows, Graham and Harriman all did excellent work. Following is a list of all sales of \$100 and over:

**COWS.**  
Keepsake, calved June 24, 1906, sire Grand Victor, and c. c., A. J. Ryden, Abingdon, Ill. \$450  
Imp. Winifred 4th, calved March 5, 1906, sire Scottish Archer, and c. c., Henry Kuper, Humboldt, Neb. 500  
Maid of Honor, calved Jan. 6, 1902, sire Grand Victor, and c. c., Harriman Bros., Pilot Grove, Mo. 490  
Clover Blossom Wimple, calved Jan. 26, 1903, sire Imp. Nonpareil Victor, and h. c., A. J. Ryden. 675

Imp. Ethel, calved July 23, 1900, sire Proud Victor, and c. c., Harriman Bros. 1,000  
Echo, calved Nov. 13, 1905, sire Nonpareil Conqueror, same. 200  
Sweet Rose, calved April 11, 1904, sire Nonpareil Conqueror, and h. c., Henry Kuper. 225  
Nonpareil Queen, calved April 1, 1902, sire Nonpareil Victor, Joseph Miller & son, Granger, Mo. 460  
Day Dream, calved Dec. 20, 1904, sire Nonpareil Victor, Norman Jones, Humphrey, Mo. 125  
Corline, calved Feb. 24, 1903, sire Chief Cruickshank, and h. c., A. W. Shiflet, Wheeling, Mo. 160  
Sharon Bloom 7th, calved Aug. 27, 1902, sire Nonpareil Victor, H. T. Bothwell, Hamilton, Mo. 115  
Sharon Bloom 4th, calved Jan. 4, 1902, sire Nonpareil Victor, J. M. Evans, Dawn, Mo. 145  
Golden Bloom, calved March 27, 1904, sire Golden Lavender, Fred B. Miller, Sumner, Mo. 100  
Purity, calved April 1, 1902, sire Nonpareil Victor, J. Kinney, Hamilton, Mo. 100  
Winona, calved Feb. 19, 1906, sire Wander's Last, C. Feurt, Jameson, Mo. 140  
Geradine, calved May 2, 1902, sire Grand Victor, Fred Miller. 105  
Grand Rose 32d, calved Sept. 22, 1901, sire Grand Victor, and h. c., Edgar Williams, Kingston, Mo. 115  
Wanda, calved Dec. 11, 1903, sire Wander's Last, and c. c., Norman Jones. 145  
Nona, calved Sept. 12, 1902, sire Nonpareil Victor, and h. c., J. D. Warren, Wheeling, Mo. 145  
Crystal Ruby 15th, calved Oct. 1, 1898, sire Kirklevington Duke of Hazelhurst 11th, W. M. Estes, Polo, Mo. 160  
Leola, calved Sept. 15, 1903, sire Double Victor, and h. c., G. G. Jones, Dawn, Mo. 100

**BULLS.**  
Nonpareil Conqueror, calved May 10, 1902, sire Nonpareil Victor, A. S. Carter, Gailatin, Mo. 110  
Golden Lavender, calved March 24, 1902, sire Grand Victor, Ben Bothwell, Breckenridge, Mo. 995  
Lavender's Favorite, calved May 17, 1906, sire Golden Lavender, J. D. Brewster, Belle Plaine, Kan. 100  
Lavender's Best, calved Oct. 11, 1905, sire Golden Lavender, A. O. Stanley, Sheridan, Mo. 300  
Victor Conqueror, calved July 21, 1906, sire Nonpareil Conqueror, Creswell & Carpenter, Braymer, Mo. 100  
Golden Acorn, calved Aug. 30, 1906, sire Golden Lavender, A. W. Shiflet. 100

**SUMMARY.**  
47 females ..... \$7,270; average. \$154.70  
12 bulls ..... 2,135; average. 177.91  
59 head ..... 9,405; average. 159.41

### A TIMELY SUBJECT.

Hay tools are a timely topic now with the farmer and the person expecting to buy new outfits or repair the old should have a copy of the catalog issued by the Canton Foundry and Machine Co., 614 Eighth St., Canton, Ohio. They sell direct, saving you money. Write them mentioning this paper

## Paint that Fits

Use Pure White Lead, thinned with Pure Linseed Oil, and your paint can be mixed to suit your work.

No ready-mixed paint preparation can be equally suitable to old or new, rough or smooth, hard or porous surfaces.

## CARTER Strictly Pure White Lead

makes the best paint possible to produce. Meets every condition, gives any tint or color, covers most surface and gives longer wear than any other paint in the world. Contains no clay, chalk or other adulterant that makes ordinary paint mixtures crack, scale and fade. Every atom is paint.

Write for our booklet, "Pure Paint." Tells how to know good paint, and shows six beautiful color schemes.

Address Dept. D,  
CARTER WHITE LEAD CO., Chicago, Ill.  
Factories: Chicago—Omaha.



### BEE KEEPERS

Write for our free catalogue of bee hives, honey boxes, bee smokers, and all kinds of bee supplies at lowest prices.

LEAHY MFG. CO.  
1735 So. 13th St. OMAHA, NEB.



OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

CORPORATIONS—STOCKHOLDERS.

A Subscriber, Northwood, Iowa.—I am a shareholder in a co-operative creamery association located in Minnesota, and incorporated under the laws of that state. Our charter expires next December. We are out of debt and have \$1,000 deposited in a bank in Iowa and own the creamery buildings, necessary machinery, etc. (1) Can I collect my share of the company assets when its charter expires? (2) After the expiration of the charter what time is allowed the company to wind up its affairs? (3) Can the time of the charter be extended? (4) Are the shareholders liable for the debts of the company?

Answer.—(1) No, not until the affairs of the company are settled and its capital is divided. (2) Three years. (3) It can. The law provides that the charter may be renewed for not to exceed thirty years by a three-fourths vote of the stock represented at any regular meeting, or at any special meeting called for that purpose which shall have been clearly specified in the call, shall adopt a resolution to that effect, and those desiring it shall have purchased at its value, the stock of those opposed thereto. (4) Stockholders are liable for all unpaid instalments on the stock owned by

them, or transferred for the purpose of defrauding creditors. Also in case of failing to comply with the law in relation to organization of company, and in case of other violations of law relative to the transaction of corporate business.

HOLIDAYS IN KANSAS.

A Subscriber, Weir, Kansas.—(1) How many legal holidays are there in a year? (2) Have mail carriers a right to lay off on days that are not legal holidays? (3) Have mail carriers a right to lay off on account of muddy roads?

Answer.—(1) Three,—30th of May, Memorial day; first Monday in September, Labor day; 22d of February, Washington's birth day. As to questions two and three correspond with the Postmaster General at Washington, D. C., and get copy of rules and regulations in reference to mail carriers.

HUSBAND AND WIFE—HOMESTEAD.

A Subscriber, Van Horn, Iowa.—I have lived with my wife for thirty years, and have been very unhappy for the last fifteen years. I had but little property when we were married. I have considerable property now. I want to rent my farm and move to town, but my wife refuses to go unless I give her one-third of all my property, both real and personal. We have but one child and it is of age. Can I lawfully rent my farm, move to town and compel my wife to go with me, without giving her the property she demands?

Answer.—You cannot compel your wife to leave the homestead and go to town to live. Section 3166 of the code provides that neither husband nor wife can remove the other, nor the children, from the homestead without the consent of the other.

STOCK DEALS.

A Subscriber, Audrain, Mo.—(1) A advertised a cow for sale, representing her to be eligible to record. On the day of sale he led her out, and she appeared to be a fine animal. A gave the name of the man who bred her, and owned her sire and dam; and said he would get the number and name of sire and dam, and furnish them to the purchaser. B bought the cow for \$67, and afterwards A said the records were lost, but refuses to take the cow back and return the price, or make any reduction on the price. What remedy has B, if any? (2) Last September A bought a buck from B's hired man, B being away from home at the time. When B returned the man told him of the sale, and that one of the testicles of the buck was swollen, and in bad shape. B at once wrote to A, telling him to examine the buck and if he was not all right, to return him and get his money or another buck. A replied that the buck was hurt and that he would return him in October. B went to A's place to see the buck, and find out why he was not returned, and found that A was breeding his ewes to him, but A said he would return him after January 10th. The buck died, but not from the injury. B offered A \$7.50, but A refused to accept it. What is right about this matter?

Answer.—(1) B can sue A and recover judgment for the difference between what the cow is worth, and what she would have been worth if A had furnished the means by which she would have been eligible to record as a purebred animal. (2) It is right in this matter that B should not pay A one



# IOWA STOCK FOOD

TRADE MARK

## LOOK OUT

### For the WORMS that kill your Hogs.

# FREE

To any person who has never fed IOWA WORM POWDER we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing.

will cure the mange and scab, kill lice, ticks and any vermin on your animals. Your animals can be kept clean of lice and skin diseases if you use Iowa Dip. Iowa dip is the best on the market. A trial will convince you. Write us for prices.

Address Department A.

## IOWA STOCK FOOD CO.

Jefferson, Iowa.

red cent, and under the circumstances, A cannot recover anything at law.

INSURANCE MONEY.

A Subscriber, Coeur d'Alene, Idaho.—(1) Suppose a man has a policy of life insurance, payable to his estate, and died leaving a wife and children, do the children have to become of age before they can use the money? (2) What share of the insurance money is the wife entitled to in such a case?

Answer.—(1) They do not, but they must have a guardian to manage and control their property. (2) One-third.

LIFE ESTATE—TENANT.

A Subscriber, Sunbury, Ohio.—A and B are husband and wife. C had a large house and allowed A and his wife to move into and use a part of it, the arrangement being that A was to take care of a horse and cow for C and provide kindling for her, for the use of part of the house till spring. After two weeks C was taken sick, and A and B took care of her for twelve days, when she died. Before her death five of her sons came and made more work. C's right to the house was only a life interest. (1) Can C's heirs put A and B out of the house before spring? (2) What wages can A and B recover for taking care of C while she was sick?

Answer.—(1) C could not give A and B the right to use the house beyond the time when her interest expired, so the right of A and B expired at the death of C, and whoever was entitled to the house after that time could oust A and B. (2) Whatever they could prove their services were worth.

DAMAGE FROM SEWAGE.

A Subscriber, Orange City, Iowa.—The county built a new court house two years ago and put in water works, and constructed a sewer so as to discharge into a small well which overflows all the time, and discharges the filthy water over my pasture and grass land, making the land so wet my cattle cannot go on it, and spoiling the grass and pasture. The filthy stuff runs within twelve rods of my house, and my stock is made sick by it. My farm is about a half mile from the court house. What can I legally do about the matter?

Answer.—Employ a good lawyer to bring suit for damages, and for an injunction to restrain the authorities from flooding your land with sewage. If your claim for damages be against the county, and not against persons or officials in their individual character, you must first present your demand to the board of supervisors of the county, and then if it refuses or neglects to settle with you, you can bring suit.

CONDITIONS OF LEASE.

A Subscriber, Clutler, Iowa.—A rented a farm from B for one year by written contract ending March 1, 1907. The contract states that A is to leave the place in as good condition as he found it when he moved in, excepting ordinary wear and tear. When A moved on the place the manure had been hauled out, and there was about twenty acres plowed. Last fall A failed to haul out the manure and did no plowing. During A's stay on the place he has broken up the barn doors and torn out the partition and mangers. (1) Can B recover damages from A on account of his failure to haul out manure, and to plow ground? (2) Can B recover damages from A on account of his breaking the doors, partition and mangers in the barn?

Answer.—(1) We do not think B can recover damages on account of A's failure to plow or haul out manure. The provisions of the contract as you state them do not seem definite enough to cover such a claim for damages. (2) B can recover damages for the broken doors, partition and mangers of the barn,

Porter's "Meadow King" Hay Carrier



Has wide open mouth, with swinging fork pulley. With this Carrier you can fill the mow closer to the roof of barn than with any other Hay Carrier. The throat of the Carrier has a very large opening, which permits the pulley to approach with a swinging load, and the load can swing in either direction when locked in the Carrier.

J. E. Porter Co., - Ottawa, Ill.

Traction Engines For Sale.

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

THE O. S. KELLY MFG. CO.,  
IOWA CITY, IOWA.

because such breaking was not ordinary wear and tear.

A BAD DEBT.

A Subscriber, Galva, Iowa.—In August, 1902, A bought a bull from B, for \$35, and paid the price, not knowing of a mortgage which was on the bull. In December the mortgagee took the bull on the mortgage, and sued A for damages, but before trial the case was dropped. B was a single man, and not worth anything, so he settled with A by giving his note for a certain sum of money. B has not paid the note nor any of the interest. He is still a single man and has no property. What can A do with B? In case of a lawsuit, who will bear the expense?

Answer.—Nothing. You would as well ask how to get blood out of a turnip. If a man has no property you cannot compel him to pay a note by law. A could of course recover a judgment for the amount of the note and interest, but could not collect the judgment. In case A should sue B the expense would have to be borne by A.

We wish to call the attention of our readers to the advertisement of the National Correspondence School of Dressmaking found on page 14 of this issue. This school has been very successful in teaching hundreds of ladies the art of dressmaking and we would ask any of our lady readers who may be interested in this matter to write to this school and ascertain what will be required of them to take a full course of instruction by correspondence. The company will be very glad to answer any questions regarding their system and how it is taught.



## Live Harness

Don't allow your harness to dry up and die. Once this happens it can never be remedied. Save the harness, save expense, prevent accidents by using

# EUREKA Harness Oil

Nourishes the leather and keeps it soft and strong. Preserves the grain-fibre. Makes leather proof against all weathers. Gives best tanner's finish.

### Boston Coach Axle Oil

smoothes the way to good wheel-action. Better and cheaper than castor oil. Will not gum or corrode. Lightens the load—eases the road.

Sold everywhere—All Sizes.

MADE BY  
**STANDARD OIL COMPANY**  
Incorporated



The Famous Steer RUBY ZENOLEUM International College Champion, 1906, Owned and Fed by Nebraska Experiment Station



Chicago Live Stock World said "192 Exhibitors at the International, Chicago, are Users of Famous ZENOLEUM. That tells the story."

## IT WILL HELP YOUR CATTLE

No other animal dip and disinfectant has so many real uses about the cattle-barn and feed-lot. It is valuable to the farmer and stockman, the beef-grower and the dairyman. Zenoleum kills lice, cures mange and all skin diseases. Heals sores and wounds. Stops contagious abortion. Prevents calf-cholera and scours. Its use makes clean surroundings.

# ZENOLEUM

Destroys disease germs and prevents contagion. One gallon goes a long ways with the average herd. Perfectly healthy animals are better producers and make greater profits. Zenoleum keeps stock well.

### Forty-two State Agricultural Colleges Recommend It.

AT ALL DEALERS—Small size, 25c; Quart, 50c; Half gallon, 90c; One gallon, \$1.50; Five gallons, \$6.25—or we will deliver one gallon or more, charges paid, to your station.

ASK YOUR DEALER FIRST



Our Broad Guarantee

If Zenoleum is not all we claim it is, or even what you think it ought to be, you can have your money back. No talk, no letters—just money.

64 Page Booklet

Zenoleum Veterinary Advisor written by Agricultural College Authorities. Positively Free or the asking. Send a postal quick.

The Zenner Disinfectant Co. 131 Lafayette Ave., Detroit, Mich.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Pa.

WYSONG'S BARRED ROCKS are flatter than all others. Booking orders for eggs, \$3 per 15; \$5 per 30. Satisfaction guaranteed. O. B. Wyson, Cashier Bank of Fitchburg, Fitchburg, Ill.

FOSTER PRIZE-WINNING Barred Rocks, stock scoring 92. Seven grand matings and high scoring range flock. 60 choice hens and pullets for sale. Circular free. Albert Foster, Itasca, Iowa.

BARRED ROCKS exclusively, choice stock, farm range. Fifteen eggs, \$1.00; 50, \$2.50; 100, \$4.00. Safe delivery and satisfaction guaranteed. Adam A. Weir, Clay Center, Neb.

BUFF PLYMOUTH ROCK eggs from scored stock, shipped with care, guaranteed to hatch; per 15, \$1.50; 30 for \$2.50. Kelley Poultry Farm, Altoona, Iowa.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 60c per doz. Mrs. John Holmstrom, Gilmore City, Ia.

BARRED and Buff Rocks, Hawklus, Thompson and Bradley Bros. strain. Eggs, \$1.00 for 15; \$5.00 per 100. Mrs. W. R. Cremer, Reinbeck, Iowa.

EGGS from prize-winning Barred, Buff and White Plymouth Rocks. 15 eggs, one dollar; 45 eggs, two dollars. A. Matthews, Mt. Union, Iowa.

EGGS—Barred Rocks, 15, \$1.00; 30, \$1.75; 100, \$5.00. R. C. Rhoads Island Reds, 15, \$1.50; 30, \$2.75; 100, \$5.50. Harry Fahn, Emmetsburg, Iowa.

BARRED Plymouth Rocks, farm raised. Eggs, \$1.00 for 15; \$2.00 for 30; \$3.50 for 100. Anthony O'Connell, Toronto, Iowa.

WHITE ROCKS, Fishel strain, high scoring farm range. 15 eggs, \$1.00; 30, \$1.75; 100, \$4.00. D. W. Cronch, Ogden, Iowa.

WHITE Plymouth Rock eggs for hatching, \$1.25 per sitting. Charles B. Hartman, Hampton, Iowa.

BARRED ROCK EGGS, 25, \$1.00; 100, \$3.00. Mrs. C. H. Medbury, Ladonia, Iowa.

## LEGHORN.

MONEY-MAKING Buff Leghorns. Banner Buys for fine birds and eggs. Solid buff rooster, four hens \$5.00. Fifty fresh eggs, \$2.00; nine dozen, \$5.00. Shipped next day. Agnes Smiley, Bradyville, Ia.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York prize winners. 25, \$1.60; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

ROSE Comb Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. H. M. Johnson, Formosa, Kan.

S. C. B. LEGHORNS are the kind that lay. Eggs from prize winning stock, \$1 for 15, \$5 per 100. Mrs. Rosa Gardner, 1103 Walnut St., Oaage, Iowa.

ROSE Comb Brown Leghorns, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 30, \$1.00. E. B. Sinn, Route 3, Brighton, Iowa.

ROSE Comb White Leghorn eggs from good layers scoring to 96. 15 eggs, \$1.00; 30 eggs, \$1.50. Circular. M. F. Hornung, Alden, Minn.

S. C. W. LEGHORNS, Exclusively, standard bred. Choice select eggs, 15, 75c; \$3.00 per hundred. Geo. Gaul, Tipton, Iowa.

## RHODE ISLAND REDS.

ROSE Comb Rhode Island Reds, winter laying strain. Eggs, 15 for \$1.00; 50 for \$2.50; 100 for \$4.50. Stock in season. John Danielsou, Route 1, Lockridge, Iowa.

RHODE ISLAND REDS, both combs, seven hens one rooster for fifteen dollars. Eggs, \$1.00 for fifteen. G. Weiser, Humboldt, Iowa.

SINGLE Comb REDS exclusively; Eggs from prize-winners \$1.00 and \$1.50 per 15. Hites Bros., Route 3, Beacou, Iowa.

GRAND Rose Comb Reds. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## DOGS.

I HAVE A CHOICE LOT of Scotch Collie puppies for sale, sired by Champion Emerald Kelpie. Price \$5.00 each. Another lot out of Catalog Perfection. Price \$7.00. I also have Single Comb Brown Leghorn eggs for hatching to sell. \$1.00 for 15; \$5.00 per 100. Wm. R. Hoppe, Lena, Ill.

RATS won't kill all your chickens if you have a Scottish Terrier. Very fine pups, from recorded parents, for sale. S. Harr, Riverside, Iowa.

FOR SALE. Scotch Collie pups \$5 each. Pedigree with sale. Address, J. L. Myers, Roslyn Farm, Almont, Iowa.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

PATENTS GUARANTEED under \$20,000 bond. Only bonded patent agency in the world. Free book and list of what to invent. Keystone Law and Patent Company, 1314 K, Arch St., Philadelphia, Pa.

PATENTS promptly obtained or no fee, and advertised at our expense. Widespread inventors should write for booklet on "Patents That Pay." D. Swift & Co., Washington, D. C.

## HELP WANTED.

50 PER CENT commission yields \$150 a month average man with horse and buggy, selling established and guaranteed remedies. Exclusive territory reserved free, for first six men who qualify for all or part of their time. Address with references, Bell Medical Co., 408 E. 8th, Kansas City, Mo.

## CATTLE.

FOUR POLLED DURHAM and Short-horn bulls for sale. Bargains when considering quality and breeding. Write for full particulars. Norman B. Westlake, Byramore, Illinois.

EIGHT SHORT-HORN bulls and four heifers good ones, approved breeding, for sale. Fifty dollars and up. Write for particulars, D. W. B. Kurtz, Columbia, Mo.

## LANGSHANS.

BLACK LANGSHAN EGGS from prize-winners and stock scoring 92 points. \$1.00 per 15; \$1.50 per 30. Mrs. M. A. Barnes, Leighton, Iowa.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Phillip Stalcup, Lorimer, Iowa.

FIFTEEN EGGS from prize-winning Black Langshans, \$1.00. 100 for \$5.00. Cora Porter, Delhi, Iowa.

## WYANDOTTES.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

EGGS—From choice snow White Wyandottes. My pens have been selected with care. Birds good shape; sitting 15, \$1.00. W. M. Jackson, Bedford, Ia.

SILVER-LACED Wyandotte eggs, one dollar for 25, three dollars per 100. Farm range. Miss Julia Friscoli, Plainfield, Iowa.

## MINORCAS.

ROSE Comb MINORCAS—They lay twenty dozen eggs a year. Eggs for hatching from prize stock. Illustrated circular free. G. A. Clark, Seymour, Indiana.

S. C. BLACK MINORCAS—Non-sitters, best of layers; 15 eggs, \$1.50. Geo. A. Blackburn, Dunbarton, Wis.

## ORPINGTONS.

GRAND Single Comb Buffs; earth's greatest layers. Eggs. Ben Russell, Lamoni, Iowa.

## TURKEYS.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

BUFF TURKEY EGGS—Mrs. R. E. Thompson, Allison, Iowa.

## BRAHMAS.

HIGH-SCORING Light Brahmas—Eggs, 30, \$1.25; 100, \$3.75. Mrs. A. J. Applegate, Gilmore City, Iowa.

LIGHT BRAHMA eggs, choice matings, \$2.00 sitting; 3 for \$5.00. Philip Thorwarth, Genoa, Ill.

## MISCELLANEOUS POULTRY.

SINGLE Comb White Leghorn, Single Comb Black Minorca, Barred Rock eggs, 30 for \$2.00. Toulouse geese eggs 20c each. Ronen duck eggs, 22 for \$2.00. Address, Geo. Moeller, Evely, Iowa.

EGGS FROM BEST Barred Rocks, Buff Rocks, Buff Wyandottes, White Wyandottes, on earth, at very low prices. Send for Descriptive Price List. Macon Poultry Farm, Macon, Missouri.

ORPINGTONS, Rhode Island Reds, Partridge Wyandottes and 20 other varieties, each on separate farm. Eggs, \$5.00 per 100, \$1.00 for 13. Catalog free. Harris Poultry Co., Clay Center, Neb.

SINGLE Comb Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92 1/2 to 94 1/2 points. Eggs for hatching, 75 cents for 15, 10c for \$3.00. Mrs. William Indson, Lehighville, Iowa.

BOOKLET on turkey raising, 35c. Special price, 25c (silver). Free to customers. Special prices turkey, geese, duck and chicken eggs. Ideal Poultry Farm, Reedsburg, Wisconsin.

MAMMOTH Bronze turkey eggs, 20c each. Black Langshan eggs, 15 for \$1.50; 30 for \$2.50. Special prices on incubator lots. Wm. W. McClelland, Clarinda, Iowa.

S. L. WYANDOTTES and S. C. Brown Leghorns. Eggs, 15, one dollar; 50, three dollars; 100, five dollars. Write, W. H. LeValley, Logan, Iowa.

BLACK LANGSHAN and White Wyandotte eggs for hatching, 75c per 15; \$4.00 per 100. J. F. Blackman, Stuart, Iowa.

## POEMS.

THE RIVER BEND and other poems, The Hussey. Sent to my address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

## HORTICULTURE.

WHIPPOORWILL PEAS for sale. Write for samples and price. Jas. H. Hallock, Mt. Carmel, Illinois.

DAHLIAS—20, \$1.00, \$2.00 bbl, gladoli, \$1.00, 100. Catalog free. J. L. Moore, Northboro, Mass.

DAHLIAS—Twenty kinds, \$1.00. Catalog. H. Burt, Taunton, Mass.

## HORSES.

WANTED TO BUY—MARES—I want to buy for cash a car load of good heavy mares, German Coach preferred. Must weigh over eleven hundred pounds, not over six years old, good style and action, absolutely sound and in foal to registered stallion of heavy bred. Give description, price and freight rate in first letter. Jo W. Allison, Kinnis, Texas.

PERCHERON Stallion for sale. Good disposition and getter, can be worked. Will sell cheap if taken soon. J. L. Whitehead, R. 1, Leon, Wis.

THREE Black Percheron registered mares in foal for sale. E. P. Hall, Route 3, Weldon, Iowa.

## AGENTS WANTED.

WABBLE CURE Axle nuts make old buggies run like new. Big commission. Special introductory offer. Hardware Co., Box C85, Pontiac, Mich.

AGENTS—Red hot seller, something new for kitchen; every woman buys on sight. Write for territory and astounding terms. Sample postal, 25c. McCall Clasp Cover Co., 145 W. Jackson, Chicago.

## WANTED.

WANTED—Men to learn barber trade. Splendid pay after few weeks with us. Positions or localities to start business always on file. Special inducements this season. Wages Saturday, tools given. Write nearest branch, Moler System of Colleges, Chicago, Ill. St. Louis, Mo., Kansas City, Mo., Dallas, Texas, Omaha, Neb.

## REAL ESTATE.

MUST BE SOLD before September first, 150-acre farm near Thayer, Neosho County, Kansas, 140 miles southwest of Kansas City. Perfectly level land, rich black soil; five-room house, cellar, smoke house and necessary outbuildings; good orchard, fine fruit, well fenced; eighty acres in cultivation, balance pasture and meadow. This positively must be sold and is a great bargain at the price, \$5,000. O. M. Green, Prescott, Iowa.

188-ACRE FARM—150 pines, 25 timber, 10 building lots; good buildings; three miles railroad town, one mile church and school; fine orchard, borders on fine small lake. Price for short time, \$8,000. Whitney, Roseberger & Thayer, St. Cloud, Minn.

## REAL ESTATE.

480 ACRES in Clark County, Kansas; nicely laid; proved land, good story-and-half house of 8 rooms; barn for 12 head of horses, good wagon and implement shed, good granary for 2,000 bushels of grain; fine soft water, windmill and tank, nice spring branch running across one quarter of place furnishing plenty of fine never-failing water for stock, and has lots of nice fish. 153 acres of wheat, crop in fine condition; 12 acres barley, 10 acres alfalfa, 70 acres in corn, good orchard and grove. A postoffice and central telephone is in this house and pays good monthly income, provides a splendid opening for a country store; neighborhood thickly settled, well provided for school and church; 11 miles of good railroad town, good prospects for a main line railroad near this place in the near future. Owner wishes to retire from the farm to resume a former occupation, that of the lumber business. Look this up. You'll be well paid for it but delay no time in doing so, for it will not last long at the price which is only \$22.00 per acre. This is a choice selection from one many farms in Kansas. I know exactly what they are; have been all over these farms and heartily endorse them as being No. 1 investments. We have others. Send for list. I. A. Walton, Wellington, Kansas.

FREEMAN'S REAL ESTATE BULLETIN has increased from a mere circular to a 24 page booklet, and from 2,000 copies monthly to 5,500 copies monthly, reaching thousands of buyers. If you want a quick sale of your land no matter where it is located, send description and price, and I will outline to you my successful plan of selling land, and will send you a copy of the Bulletin, free. G. H. Freeman, Cogswell, N. Dak.

FOR SALE 1,572 acres in Adams and Weld Counties, Colorado. Good soil, water 10 to 60 feet, \$5.00 to \$6.00 per acre. Section lots, 10, 37 1/2 acres in Elbert County, Colorado; black loam wheat land, 90 per cent tillable, water 10 to 20 feet, all fenced, \$5.50 to \$8.50 per acre in section lots. These tracts were selected by us after a personal examination. For particulars write Richards, Keene & Co., Fremont, Neb.

REAL ESTATE—90 acres timber land, new buildings, good well, five miles town; one mile school, church, two miles creamery; about 20 acres cultivated, five acres meadow, balance timber pasture. \$2,500, easy terms, \$300 down. Whitney, Roseberger & Thayer, St. Cloud, Minn.

320-ACRE FARM in Ripley County, Mo. 160 acres in cultivation; balance good timber; nine-room, two-story house, barn 150 by 48 feet; stone foundation. All good cultivating land. Price, \$10,000. Several smaller farms. Send for list. C. H. Martin, Doniphan, Mo.

COME TO THE wonderful bluegrass, clover covered hills, dales southwest Missouri. Best tame grass country; land of strawberries, big red apples, big black mules; lead, zinc mines, fine climate, flowing springs, satisfactory grain crops. Arch. Sims, Mt. Vernon, Missouri.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert E. King, Goodland, Kan.

CASH FOR YOUR property wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly, Northwestern Business Agency, 380 Bank of Commerce, Bldg., Minneapolis, Minn.

GOOD FARMING LAND—Ten to twenty dollars, Texas Panhandle, fine wheat belt; churches, schools, society. Great wonder. Write Knight & Blanton, Stratford, Sherman County, Texas.

TEXAS Panhandle Lands near Dalhart; churches, schools, society; pure water, 24 inches rain annually; diversified crops. Write for descriptive booklet. S. C. Diggle & Co., Kansas City, Mo.

OKLAHOMA FARMS: Write your wants, enclosing stamp for new map of Oklahoma. I sell my own lands direct and pay your fare. No trades. J. P. Becker, Medford, Oklahoma.

COLORADO—For outings costing \$2.50 per week up, for health, farming or investment in farms, write, enclosing stamp to Colorado Intelligence Bureau, Box 128, Eaton, Colorado.

KANSAS LAND—3,360 acres in a body, near good town, very fine, in territory to be irrigated, price \$12.50 per acre. Write for particulars and list. Geo. J. Downer, Syracuse, Kansas.

HOME, SWEET HOME. My experience while looking for one, why I located in Arkansas, get details, and you will follow. Send for description. J. T. Oswalt, Gravette, Ark.

FOR SALE—40-acre fruit farm, nine-room brick veneered house and good outbuildings. One mile from town. Write for information. James McGinnis, Griswold, Iowa.

140 ACRES—We are closing out the last and best of all our Hardin Co., Iowa, farms. Need money for other purposes. For particulars write Box 580, Iowa Falls, Iowa.

TWENTY LEAGUES Texas Lands \$3 to \$10 per acre. New Mexico relinquishments, \$500 to \$5,000. One crop pays for land. Wells & Oliver, Texico, New Mexico.

FOR SALE—160 acres, \$9,000. Duwess county, Mo., well improved; windmill, orchard, on public road. Write for description. J. H. Wise, Winston, Missouri.

CLOSING OUT at a low price on easy terms several finely improved farms recently possessed. Write quick for list. Bank of Remsen, Remsen, Ia.

CHEAP HOMES in Texas county, Mo. Fruit, dairy and stock farming the principal industries. South Missouri Land Exchange. Cabot, Mo.

EIGHTY ACRES fine bottom land with water and timber, four miles from town, price \$2,500; other bargains. W. S. Russell, Snyder, Okla.

100—GOOD improved farm for sale in Carroll County, Mo. Write J. H. Collins & Co., Tina, Mo., for lists. Also do General Exchange.

IOWA \$60 farms as good as Illinois \$125 kind. Send for booklet of prices. "Secor," Postmaster, Buffalo Center, Iowa.

INFORMATION—All about sunny southeastern Oklahoma for stamp. J. L. Merritt, Tecumseh, Oklahoma.

KANKAKEE Valley farms to exchange for unimproved western lands. F. Hamilton & Co., Mokena, Ill.

OKLAHOMA FARMS—Write for prices. H. F. Stephenson, Kingfisher, Oklahoma.

WHY RENT?—Own your own land. Write to T. V. Lowe, Goodland, Kansas.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

WHY DO YOU GO to this extreme Northwest when you can buy the best kind of land in central Wisconsin much cheaper and be living in God's country under the Stars and Stripes, and be nearer the best markets, such as Chicago, Milwaukee, Minneapolis, St. Paul and Duluth? The land is the most fertile, water the purest and best, and the grazing grasses grown are unexcelled in any part of the country. Think for yourself. This is the best opportunity in the United States today; the climate is delightful and conditions such that any man who will work will make big money. Write for lists of improved and unimproved farms stating what you desire. J. W. Gray, New Auburn, Wis.

BUY NOW, DON'T DELAY—Opportunities of a lifetime are now offered the bona-fide homeseeker. Corn, wheat and alfalfa lands are our offerings. Good farm lands at from \$20 to \$40; alfalfa lands at from \$80 to \$150 acre. Buy right now and get share this year's rentals and the \$5 acre advance in value of price in next three months. List furnished if desired, but you had better come now and see what we have. Come prepared to buy. C. W. Lindsay, Wisconsinville, Furman County, Nebraska.

ARE YOU LOOKING for a home? If so, write us for a list of our southeastern Iowa farms. We have the best land in the state for stock raising and farming. Our bluegrass excels Kentucky. Land is cheap now, but prices are going higher. We make all kinds of exchanges. Write us for what you want; we have it. S. L. Berry's Exchange Co., Bloomfield, Iowa.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. In silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

BARGAIN HOME FARM—180 acres, good house, stable, grove and well; 135 acres wheat, second crop from sod; balance pasture. Farm all level and fenced, only two miles from county seat of Harpers County, southern Kansas. Best wheat, corn and alfalfa in Kansas. Price, \$4,500, one third, low interest. Write Theo. B. Marsh, Anthony, Kansas.

FREE HOMESTEADS and timber claims, 5,000 to 10,000 feet pine and oak timber to the acre. Very valuable; actual settlers wanted. Good inducements. Write V. H. Petts, Secretary Business Men's League, Benton, Salline Co., Ark., at once for particulars. Climate unexcelled. Mild winters and summers.

A BIG SNAP—320 acres must be sold at once. \$25 per acre, worth \$50; joins city 2,000 population. Two big railroads, 1/2 mile fine lake, all kinds fish; 240 acres under plow. Catholic and Protestant churches and schools. Whitney, Roseberger & Thayer, St. Cloud, Minn.

\$720 BUYS 72 acres good land, 45 fenced and in cultivation. Water, fruit, house four rooms, and buildings; everything in good repair; station, 1 1/2 miles, rural free delivery and telephone. Terms, Frank Pearce, Fredericktown, Mo.

HOME FOR SALE, in Des Moines—Modern 8-room house, lot 60x132. Fruit trees, shrubs, chickens, house, yard, barn. Just the place for some farmer wishing to move to city. Address, A 131, care Homestead.

IF YOU WANT an orange or lemon grove, alfalfa ranch, or a home in southern California, write me. Land advancing rapidly; here is the place for bargains; investigate. C. C. Caves, Pomona, California.

CHOICE OKLAHOMA FARMS—Splendid climate, good land, corn, wheat, fruit, alfalfa, cotton. Plenty pure water. Write for list and descriptive literature. Watkins Land Co., Jinglewood, Okla.

CHEAP LAND IN IOWA on easy terms. Half section half mile from Titonka, Iowa. Partly tilled, good level land; will split in small tracts. Investigate. Write, Herman Nelson, Titonka, Iowa.

FOR SALE OR EXCHANGE—For good farm land 65 lots in South Milwaukee, Wis., 6,000 inhabitants, large factories. Correspondence solicited. John Sprecher, Independence, Wis.

MISSOURI FARMS—We handle the cream of southwestern Missouri. Write us today for a list of our bargains in farm lands. Victor Wm. Heltz Realty Co., St. James, Mo.

FINE FARM, eighty, thirty all clear, house, barn, stable, well, fences, hardwood timber, dandy soil, rural route, \$2,450 with \$500 down. Richard Hauke, Merrill, Wis.

FARMS FOR SALE—in Washington Co., Tenn. Mean annual temperature 57 deg. (for state). G. Scott Lawre, Jearoldstown, Tenn.; R. R. station, Jonesboro.

WRITE FOR circulars containing bargains in choice farms and ranches in Woods County, north central Oklahoma. Easy terms. E. D. Sells, Cleo Oklahoma.

IMPROVED OR unimproved farms for sale; healthy climate, one crop often pays for land; will soon double in price. Write T. V. Lowe, Goodland, Kansas.

MOST DESIRABLE FARM in Henry county, for quick sale. 400 acres, two miles from Clinton, choice land. Write D. J. Hangeberg, Clinton, Mo.

FOR SALE—in eastern Oklahoma, good farm land at reasonable prices; corn or cotton land. Call on or address R. D. Stewart, Orlando, Okla.

## MISCELLANEOUS.

TYPEWRITERS—All makes, all prices. Large stock of 22 makes to select from; prices 1/2 to 1/3 manufacturer's prices. Slightly used and factory rebuilt machines our specialty; full guarantee. We ship on approval anywhere. Write for bargain list. R. F. Swanson Co., 222 Fifth Street, Des Moines, Iowa.

BAD smelling feet are offensive to everyone. Can positively be cured by using one package of our "Nufoot" or money refunded. Price, \$1 per package, postage prepaid. Send today—we will cure you. References, First National Bank, Meade State Bank, The James A. Dick Co., Box 411, Meade, Kan.

BUFF JERSEY will mail you his three Dairy and Farm Books, 125 pages each, 100 illustrations, for 75 cents, stamps or money; his "Model Farmer" 50 page book, for six cents, stamps. Buff Jersey, Monmouth, Ill.

AYERS' CATARRH JELLY cures catarrh and deafness. Write today for 25c tube on approval. If benefited send the money. Ayres Chemical Co., Sidney, Ohio.

PRINTING—Send 10 cents for samples of our work and catalog. We print anything from a card to a catalog. Journal Publishing Co., Annapolis, Pa.



## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## THE MILKING MACHINE IN PRACTICAL OPERATION.

At a recent meeting of dairymen in Ohio the milking machine was discussed by a number of men who own and operate these machines. A number of interesting points were brought out and the possibilities of the milking machine were pretty well set forth.

One of the members stated that he had been using a machine since last June and found that one man with two pails could milk thirty-five cows in an hour and a half. He stated that it had not injured any of his cows so far as he had been able to learn. However, it seemed to be necessary to be careful about selecting the proper sized teat cups to fit the teats. When a cow was in the flush of milk it was necessary to use larger teat cups than later on in the period of lactation.

Another member stated that on his farm they were milking 200 cows and had twelve machines which had cost him \$2,000 to install. While he thought that, considering the depreciation of equipment and other incidentals, that it was no cheaper than hand milking, he stated in a reply to a question asked him why he installed the machines that the difficulty in securing labor made it absolutely necessary in order to continue his dairying. This man had used the machines since last August.

Another member had used three machines since October. He finds that one man can handle them and milk forty-five cows in an hour and a half. This is about as much as he thinks any man can do. This dairyman has a second man to look after the boiler, which increases the expense. However, this second man might be dispensed with were a gasoline engine used to operate the milking machines. Where steam pressure is used it was stated that the boiler pressure could not

drop below forty pounds as the suction was too weak to do good work.

In the general discussion it was brought out that it was necessary to manipulate the udders when using the milking machine. Some thought that by increasing the wages of the milker who handled these machines the service received had been increased in value proportionately. One point brought out in favor of mechanical milking was that heifers that had never been milked by hand took to the machine better than did old cows.

## Milk Fever in Cows.

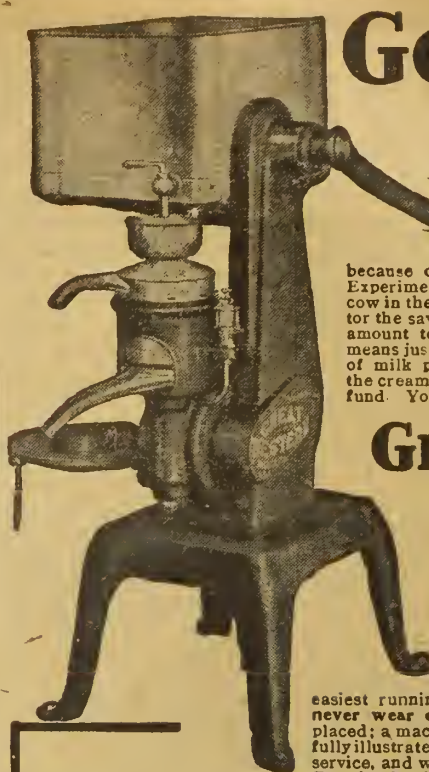
To the Editor of The Homestead:

Milk fever usually makes its appearance in from twelve to seventy hours after calving, and the sooner after generally the more severe the attack. The first symptom is that of restlessness, which is usually passed unnoticed. This is followed by excitement in which the animal stamps her feet, throws her head and has a wild appearance in her eyes, with dilated pupils. The cow may also bellow at times, and if the calf is present in the stall she will pass it unnoticed. These symptoms give way to muscular weakness, in which the animal staggers, loses power and falls to the ground. Efforts to rise become less and less effectual until she sinks into the deadly stupor so common to the disease. The udder, which a short time before was full of milk, is now soft and flabby to the touch. It contains little or no milk. The pulse is quickened, but weak and may be almost imperceptible. The cow assumes the position peculiar to the disease, that of lying on her breast bone with her head thrown well around to one side.

In treating milk fever the most common method used is inflating the udder with air. First of all, see that the cow is placed in an open field or lot free from dust and in the presence of bright sunlight. The air of filthy or even moderately clean stables where other animals are housed is known to be highly contaminated with bacteria, and such air if introduced into the udder will produce inflammation of the glands. The cow usually flounders around during her delirious efforts, but can be kept in position by propping her up with bags filled with hay or straw, which are also valuable in preventing injury to the animal. The arrangements for inflating the udder consists of a milking tube, a chamber containing sterilized absorbent cotton (through which the air is filtered), a rubber bulb and tubing. The tubing, milking tube and cylinder should be thoroughly cleansed by placing them in boiling water for at least fifteen minutes before using. Prepare a 2 per cent solution of carbolic acid and wash the udder and teats clean. Then place a clean boiled towel under the udder to prevent it from coming in contact with the dirt. Now take the tubing, attach it to the bulb and to the other end attach the cylinder. Another piece of tubing, with the milking tube inserted in one end, is now attached onto the free end of the cylinder, and the apparatus is ready for use. Do not crowd the cotton into the cylinder too tightly, as it will prevent the free filtering of the air through it. Without milking out the udder introduce the milking tube into the teat, and by working the bulb fill the corresponding quarter with air until it is well distended and tense. Remove the milking tube and tie a tape around the lower end of the teat to prevent the escape of air. Dip the milking tube into a clean carbolic solution before inserting it into another teat and then proceed as before until each quarter has been treated and is equally dilated.

Nothing more can be done now but keep the cow in position. If in two hours she fails to show signs of recovery, repeat the treatment as often as the slackness of the udder will permit until the cow rises to her feet. Passing of feces or urine is a good sign of recovery. The cow should not be milked for fully twelve hours after treatment, and only partially milked out for several days. She will not show much sign of hunger, and when she does a little hay and tepid water may be given her. Do not feed any concentrated food for at least forty-eight hours or more, but let her diet for some time be more of a laxative nature, and give her all the good spring water she will drink.

As a preventive measure in cows subject to this disease, avoid getting them in high condition previous to the time of calving. A cow that is a heavy milker should be compelled to take daily exer-



# Good Cows at \$15

Almost any man will pay that much for a first-class cow. Thousands of men have the cows but are losing \$15 on each one because of faulty dairy methods. Government and State Experiment Station reports show that if the milk from every cow in the country was passed through a first-class separator the saving to the cow owners of the United States would amount to \$200,000,000. It looks big but it's a fact. It means just \$15 less on each average cow by the employment of milk pans, cans and other gravity processes of securing the cream. Your cows may be helping to swell this mighty fund. You can stop your part of the loss by the use of our

## Great Western Cream Separator

Our catalogue tells all about this latest improved and most thoroughly up-to-date machine on the market, embodying everything which is best, such as a Perfect Skimming, Self-draining, and Self-washing Bowl, Low-down Supply Can, High Crank, Ball Bearings—hence the easiest running separator made; a machine with shafts that never wear out. Bearings that can be easily and cheaply replaced; a machine with all its gears running in a spray of oil. It fully illustrates and describes a machine that is always ready for service, and will last as many years as you continue in the Dairy Farming Business. This book illustrates and describes all the essential parts of the machine; it tells of what each piece is made and why. You will get more genuine information reading this book about separators than from any other source. You will get so thoroughly posted that no one can sell you a poor machine and get your good money. You want the very best and will find the GREAT WESTERN to meet every demand.

Our catalogue tells you all about milk, its composition, how and why the cream separates, how and why the milk sours, the changes that take place, why the cream does not separate by gravity when souring begins, why the sour milk is of so little value for feeding purposes, how much cream is lost by all the old methods of milk separation, i. e., the shallow pans, deep setting cans, dilution separators, etc. It explains how the GREAT WESTERN SEPARATOR saves all this cream, making a profit of 12 to 15 dollars for each cow you milk; it tells you of the best methods for raising calves and about the most prominent breeds of cattle; it tells what thousands of men have been trying for hundreds of years to accomplish and how we have succeeded; it tells you how to make your cows keep you instead of you keeping the cows.

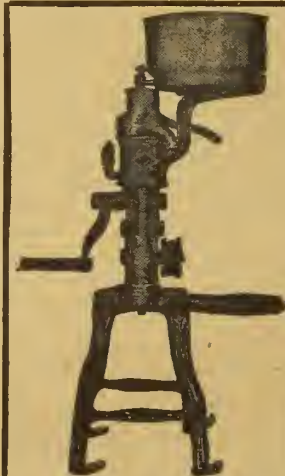
If you are milking two or more cows, write us at once as follows:

"I am keeping.....cows. Send me your Book No 4378 of the Great Western Cream Separator."

It is Free. Ask for it today.

Don't buy a separator of any kind or milk again until you send for our catalogue. Address

Smith Manufacturing Co., 158-164 EAST HARRISON ST., Chicago, Ill.



Before You Buy a Cream Separator  
You owe it to yourself to investigate

## The Peerless

BECAUSE: The Peerless is different from all others and its points of difference are in your favor.

It is the only machine that has a combination of the Hollow and the Disc bowl. That means double capacity or a smaller bowl for the same amount of work. That insures easier turning, less wear, easier cleaning and better cream—it doesn't break the large fat globules.

### It Skims to a Trace

Write for free Catalog No. 9. Guarantee and Special Terms. Mention this paper.

Waterloo Cream Separator Co.

115 E. 2d Street, Waterloo, Iowa.

## Yes, Something New!

### —THE— Monarch Cream Separator

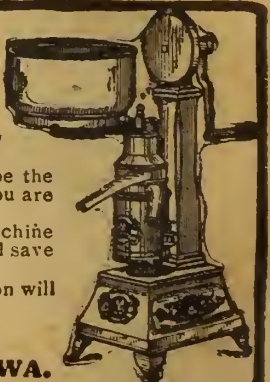
is a step in advance of all others. We guarantee it to be the lightest running and most convenient machine made. If you are needing a separator, why not get one up-to-date?

We have fewer parts to wear out, therefore it is a machine of longer life. It will not only save all your cream, but it will save your strength. Why buy a man-killer?

If we have no agent in your town, our cash proposition will save you money.

Write us for free catalogue and state the size of your dairy.

LISLE MFG. CO., Box 39, CLARINDA, IOWA.



cise before calving time, and her food should be restricted and of a laxative character previous to this time. It is also practicable to give a dose of Epsom salts (one to one and one-half pounds) a few days preceding the parturition period and a similar dose following the act. Good authorities claim that the number of cases of milk fever have been greatly lessened by only partially milking the cow out for a few days after calving.

James S. Sanders.  
Story County, Iowa.

### The Relation of Chemistry to Dairying.

To the Editor of The Homestead:

It is useless for us to ignore the fact that chemistry sustains a valuable relation to dairying.

While chemistry is commonly consid-

ered an exact science. I think all progressive dairymen will agree that exactness is the ideal standard which everyone should set for himself.

Dairying is an art, a business, an industry; incidentally let us remind ourselves that dairying is one of the greatest and most necessary, if not the most honored, industry of civilization. In this great industry there are but few servants more needful or more helpful than chemistry, when directed by men with brains. The associations of official agricultural chemists, at our experiment stations and elsewhere—are organized to discover and advance the truth and to point out and discard error. It is as much the duty of these stations to protect dairying from error as to afford new truth.

Farmers in general and dairymen in

## Lost Strayed or Stolen—One Cow

That is about what happens each year for the man who owns five cows and does not use a Tubular cream separator. He loses in cream more than the price of a good cow. The more cows he owns the greater the loss. This is a fact on which Agricultural Colleges, Dairy Experts and the best Dairymen all agree, and so do you if you use a Tubular. If not, it's high time you



did. You can't afford to lose the price of one or more cows each year—there's no reason why you should. Get a Tubular and get more and better cream out of the milk; save time and labor and have warm sweet skimmed milk for the calves. Don't buy some cheap rattle-trap thing called a separator; that won't do any good. You need a real skimmer that does perfect work, skims clean, thick or thin, hot or cold; runs easy; simple in construction; easily understood. That's the Tubular, and there is but one Tubular, the Sharples Tubular. Don't you want our little book "Business Dairymen," and our Catalog A, both free? A postal will bring them.

The Sharples Separator Co.  
West Chester, Pa.  
Toronto, Can. Chicago, Ill.

## BUY A SILO AND SAVE MONEY.

Read what Mr. T. E. Gunder of Ames, Iowa, says: "In regard to the silo I bought of you last year, I put about 100 tons of corn in it. I have enough ensilage to feed thirty cows six months giving them a liberal feed. They are making \$15.00 a week more than they did last winter, and my feed is not near so expensive. I would not think of getting along without a silo any more than I would without a barn. Everything on the place likes ensilage. Tell the farmers to buy them; they are all right."

Write today for a copy of our Free Book.  
H. C. HARGROVE,  
316 E. Walnut St., Des Moines, Iowa



particular are more and more coming to realize the value of our experiment stations in their work of heaving the way through the unexplored forests, thus saving the man who tills and the man who aulks, many costly experiments, which he has no means of finding out without the aid of chemistry. For example: Dr. Babcock, through his experiments and wonderful discoveries has given to the world methods of ascertaining with accuracy the value of milk and cream on the butter fat basis within a few minutes, thus enabling the farmer to detect robber cows and dismiss them from the herd and revolutionizing the method of handling cream.

By the chemical analysis of feeding stuffs and reducing their analysis to tabulated form, the farmers can figure out rations that are best suited to his animals, and which will accomplish the greatest possible results. It is only ignorance to say that dairying is simple. To analyze an unknown substance, to operate a mine or factory, to manage a bank, to drive a locomotive or bridge a chasm! These are simple compared to feeding a herd of cows to obtain the largest possible yield with maximum profit. The delicate and intricate organism of the animal; the almost endless variety of feeding stuffs with their different prices, composition and effects; matters pertaining to sanitation, com-

fort and convenience; testing, culling and grading of the herd, besides labor problems and marketing the product—these, and many other things furnish material to tire the most fertile brain in discovering the best methods throughout.

No wonder the up-to-date dairyman is calling chemistry to his aid, and calling to his aid the work of the experiment stations, for he has no time to spend with theories and untried methods.

Polk Co., Ia. O. O. Brewbaker.

### The Making of Cottage Cheese.

To the Editor of The Homestead:

Skim milk should be used in making cottage cheese, as whole milk loses much of its fat in the making. One hundred pounds of cheese. A small amount of starter is generally added to the milk, as it produces the desirable flavor in the cheese and a speedy souring of the milk. The starter may be prepared from fresh, clean milk placed in a clean, well-covered can, which has not only been thoroughly washed, but sterilized with hot water or steam. The temperature should then be raised to 94 to 98 degrees and allowed to stand for about twenty hours at a temperature of about 60 degrees. This starter should be well stirred and strained before it is added to the milk which is for the make of the following day.

To have the milk coagulate in twenty-four hours, which is very convenient, the temperature should be kept at about 70 to 75 degrees. When well curdled it is broken up with the hands or a knife and the temperature raised about a degree every two minutes until a temperature of 90 to 92 degrees is reached. This raising of the temperature is called cooking the curd. The curd should now be allowed to settle for about twenty minutes. The whey is then drawn off and the curd is placed in clean, sweet muslin bags and allowed to drain thoroughly. Flour sacks are very convenient for this purpose. When whey has ceased to come from the curd, it may be salted to suit the taste, which is generally about one ounce of salt to five to seven pounds of curd. The curd should now be formed into balls, or on squares about the size of one pound butter prints and wrapped in oiled paper such as is used cheese is very materially improved by for wrapping butter. The quality of the adding about an ounce of well ripened cream to each pound of curd before cheese is molded and wrapped.

The curdling process may be hurried by the use of rennet. The amount to be used depends upon the temperature and sourness of the milk, the strength of rennet and the time in which you wish the coagulation to take place. Seven ounces of rennet per thousand pounds of milk at 86 degrees will render the curd

ready to cut or break in about twenty minutes. This cheese may be made without the use of starter, but it requires thirty to forty-eight hours for the curd to coagulate if held at a temperature of 70 to 75 degrees. The use of starter is, however, desirable, as it produces the clean, mildly acid flavor in the cheese which is so desirable. If the cheese is sour it is due to the large amount of whey left in the curd. This condition may be remedied by cooking the curd a little longer or raising it to a higher temperature and allowing it to drain thoroughly.

One would naturally suppose that cheese of this kind would be very indigestible. By artificial digestion tests it was found to be more readily digested than cheddar cheese. This is said to be due to the fact that it does not "mat" together as does cheddar, thus allowing the digestive fluids rapid access to the fine particles. The whole process is simply the nominal souring of milk, mixed with a little care and a large amount of cleanliness, the three combined making a toothsome table dainty and a nutritious article of food.

Story Co., Ia. Herman Horneman.

To Distinguish Ganders and Geese.

To the Editor of The Homestead:

A subscriber asks for distinguishing marks of the Toulouse goose and gander. I stand in front or facing them and note the lower part of the body between the legs. The lower part of the body of the goose is in one lobe, while there is a crease dividing that part of the body of the gander into two lobes.

Mrs. H. F. Faris.

### SILo MAKERS BUSY.

If the popularity of a silo is indicated by the extent of its sale, the silo made by Mr. H. C. Hargrove, of Des Moines, Iowa, is taking well with farmers of Iowa and the corn belt. The company were one of the first in the field and the favor with which their silos are being received by stockmen and dairymen is a sure testimony to the superiority of this form of silo. All the modern features of a stave silo are embodied in this silo. The doorways are of the continued sort from top to bottom and silage need never be lifted to throw it into the chute. Limited space forbids us from going into detail. Mr. Hargrove will send a book free which explains all. Every farmer should acquaint himself with it. Address as given above, mentioning The Homestead. See page 8 for testimonials.

### ENJOY COMFORT FREE.

Since most people who live in the country can have most everything they want nowadays from rural delivery, telephones and

## WORLD'S BIGGEST CREAMERY ON BUYING CREAM SEPARATORS

The Beatrice-Continental Creamery Companies gather the cream from more than 50,000 Farm Cream Separators, nearly all of which are DE LAVAL machines, being by far the largest creamery concern in the world. Their advice may well be accepted as the highest possible authority by every intending buyer of a cream separator:

Topeka, Kans., March 26, 1907.

"We are sorry to note quite a tendency to buy cheap separators. If the farmer properly understood what he was doing he would not buy cheap machines from a 'mail order' house or anybody else. This is a case where the cheapest costs most and the best least, in the long run. These cheap separators only last a year or two and cause lots of trouble while they do last, whereas a good machine like the DE LAVAL will last ten to twenty years with proper care. However, the ability to RUN A HEAVY CREAM and skim clean is of even greater importance. Cheap 'mail order' machines skim cream of about twenty per cent. of fat. DE LAVAL machines easily skim forty per cent. cream. There is a big difference of course in the cost of transportation, and a still greater difference in the QUALITY of the cream when it arrives at the creamery. The thin cream will not keep sweet, especially in hot weather, and must frequently be made into second grade butter. The average farmer using a cheap separator loses from \$50—to \$60—annually through this cream difference alone,—usually to save \$25—or \$30—in first cost of the separator."

THE CONTINENTAL CREAMERY CO.,

W. F. Jensen, Vice-Pres. & Gen. Mgr.

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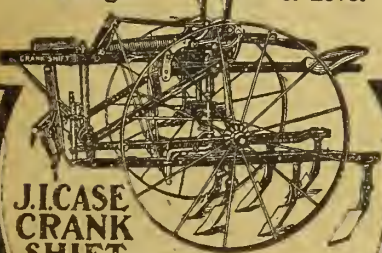
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Crooked Rows or Straight

On Hillside or Level



WORKS ABSOLUTELY PERFECT

It is the one cultivator that adapts itself to every condition of crop and soil. Gives clean, thorough cultivation wherever you use it. Its dodging devices are easiest to handle—most perfect in operation. Gangs can be controlled separately. Jockey regulates spread of gangs from a hair line to inches. With this implement a crop can be practically hoed. Telescope axle permits adjustment between wheels from forty-four to fifty-two inches. These are but a few of its unequalled advantages. If you are interested in cultivators, don't tie to any other machine until you see the J. I. Case Crank Shift work. Ask your dealer or write to us for special description. Our catalogue is free.

J. I. CASE Plow Works  
Dept. S22 Racine, Wis.

## The Empire Proves Its Claims

The cream separator of Quality—Quality in work and quality in construction—is the

Improved Frictionless

## Empire Cream Separator

In construction it is admittedly the simplest in principle. Its bowl is the lightest and turns the most easily. It is free of all complicated parts and is most easily washed. Its improved bearings make it as nearly absolutely frictionless as it is possible for a machine to be.

It is so well built and made of such good materials that it outlasts three or four ordinary separators, and very seldom needs repairs.

It gets all the cream and of the highest quality.

In convenience, in economy and in satisfaction, it is emphatically the Separator of Quality.

We Prove These Things. We don't ask you to take mere "claims." We give you proof. Send today for our new catalogue. It is well worth your while to find out about the Empire.

Empire Cream Separator Co.,

Bloomfield, N. J.

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We Want You To Write

for 1907 catalog and price

TODAY!

While you're thinking about it, write your name on a postal or in a letter say,—

"Send Your Money Saving Catalog and price."

You have seen and read our ads dozens of times but the only fair and reasonable way to judge the

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Improved 1907 Cream Separator

WITH the wonderful cone bowl, made so perfect it is impossible for it to get out of balance, is to get our catalog. The new skimming device is not equaled today. Runs easily. Everything up to date. Skims heavy cream and to a trace. Get our

Low Down Supply Tank

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Straight Wholesale Factory Prices and Save 20% to 50%.

Our free 1907 catalog fully illustrates and explains our new model. Why not let us send it to you with prices today?

Be sure and ask for money-saving catalog No. 118

Davis Cream Separator Co., 641 N. Clinton St., Chicago.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

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SOLD ON 3 Months' Trial.

.907 model gasoline engines, all sizes. Highest class, simple engines made. Three months' trial will prove it. For general information and prices address,

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automobiles to the little simple conveniences which make city homes so easy to do the work in and enjoy—since that's the case, we advise our readers to write a postal card to Messrs. Haggard & Marcussen Co.'s factory in Chicago and they will send you their "Guide to Country Comfort" postpaid, with no cost to you. They are the makers of what is claimed probably the cheapest and most enjoyable chairs in the world—Comfort Swing Chairs. Lots of people in the country have Comfort Chairs now. They say they are easier than any other chairs ever made—easier than a hammock and delightfully restful chairs for both older people and the young folks or children. Just say you read this and write today to Messrs. Haggard & Marcussen Co.'s factory, 427 South Canal St., Chicago, Ill. You'll be glad you did. It will pay you to do it, too. See advertisement on page 16.



## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

## SEED POTATOES.

When planting potatoes a number of questions arise, and practical men have various answers. Yet on some points they agree. If there are long sprouts break them off, or else plant very carefully leaving the top of the sprout almost even with the surface.

Cutting to one eye is practiced by some farmers. The seed end should be thrown away because it makes a number of weak sprouts. When two eyes are left to the piece and pieces dropped a foot apart in the row with rows three feet for cultivation, there is not too much seed.

Cutting a week before planting is a benefit if the seed is spread out thinly. That gives an opportunity for drying. But if left long in the bulk, boxes or barrels, it will spoil.

Planting whole potatoes is a practice that tends to deterioration. In that way you get too many sprouts close together. Some are crowded and produce weak, small potatoes.

It may be said of this crop, as of every other, that care in selecting seed and spacing it in the seed-bed, is richly rewarded.

## LIFTING THE MULCH.

Berrymen, especially amateurs, often take needless trouble in removing the mulch from the strawberry bed.

If the straw was put on loosely—an inch thick and has remained in place, do not remove it.

It is needed as much in summer as in

winter. Your plants will come through it, while it retains moisture and insures clean fruit. Even if the spring growth is retarded for a few weeks, all the better, for it helps you to escape late frosts.

But notice this, if the mulching lies in heavy bunches, being poorly spread, or having blown together, then you must remove it in part. You can readily see how much the plants can pierce, and should remove the rest to the paths.

## GROWING WATERMELONS.

In some particularly adapted localities watermelons grow almost as spontaneously as weeds, but in most places they require very special care without which it is impossible to grow them successfully. Yet there is no reason why every farmer should not have his own melon patch and grow sufficient of this juicy fruit to supply his wants throughout the melon season.

Most people make the mistake of planting melons on the richest soil on the farm. Instead they should select the poorest, sandiest, stoniest ground on the farm. This applies particularly to regions where the soil is black and heavy. Where sandy loam prevails any well drained location is suitable.

The ordinary preparation for the soil consists of a coating of manure, say fifteen to twenty-five tons per acre. A mixture of horse and cow manure is best for this purpose. This should be plowed in quite deep. The ground should then be well harrowed or disked.

It is next marked out for the hills which should be at a distance of about eight feet each way. Furrows are usually run in both directions, the hills made at the intersections. About half a peck of well rotted manure should be put at each of these intersections and covered with three or four inches of loose earth.

About a dozen seeds should be planted in each hill and covered to a depth of one and one-half to two inches. The planting should be done after danger of frost is passed, as the young plants are very easily destroyed. Germination may be greatly quickened by soaking the seed for forty-eight hours in luke-warm water just before planting them.

As soon as the young plants have made their appearance above ground the battle against natural enemies must begin. Cut-worms often threaten the success of the venture. The plants should be closely watched and when the work of the worms is observed they should be dug out and destroyed.

The greatest enemy, however, to be contended with is the striped squash beetle. These insects come in droves and will ruin a promising melon patch in twenty-four hours if they are not destroyed. For this reason a careful examination should be made every morning early at which time the insects are sluggish and cannot fly, hence they can be easily caught and destroyed.

The work of the squash beetle may be retarded to some extent by dusting the plants with air-slacked lime. This method is not absolutely sure, however, and even where lime is applied the plants still require considerable watching. In applying lime it should first be sifted, as it is the fine powder which impedes the insects in their progress. Care must be exercised that the lime is absolutely air-slacked, for if it is quick it will burn the plants.

By the time the plants have begun to vine a number will have been destroyed by the various enemies. As there is little further danger of damage when this point is reached, the number of plants should be thinned down to two in each hill. Here is where the great mistake of amateur growers is made; they often leave five or six plants in each hill, and as a consequence the vines become so thick that they cannot bear.

A melon patch requires close and careful cultivation. The small shoveled plow should be used about half a dozen times before the vines have grown long enough to interfere, at which time its use must be discontinued. The weeds in the hills must be pulled out and the ground which cannot be reached with the cultivator carefully hoed. When the vines have spread far enough to cover the ground further cultivation or care is usually unnecessary.

Many failures in melon growing are due to lack of care, the impression being fostered by some people that melons can be grown as easily as corn. We have not found this to be the case and from our experience and observation we would say that in the corn belt melons cannot



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They are built in four sizes, and will thresh Beans and Peas from the vines and pods. Send us your name and address today for a free copy of our book. We are glad to send it and you will find it valuable. Write today.

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We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want

Box 16 **W. W. VAN SANT & SONS** Farragut, Iowa.

**Seed Corn**

Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. How Northern Grown Seeds. Get our catalog. **THE ADAMS SEED CO., Decorah, Iowa.**

## SEED CORN

I have an early yellow "Improved Corn." 10 days earlier than "Field's" corn. I can give history of this corn for 70 years. I sell seed in the ear only and guarantee satisfaction or your money back.

The Counties in which my corn was planted last year by the experiment station and the record was:

COUNTIES.	BU.	COUNTIES.	BU.
Kosuth, -	78-4	Greene, -	65-3
Story, -	62-1	Polk, -	60-4
Chickasaw, -	68-3	Marshall, -	67-5
		Page, -	53-1

**C. GREGORY, RALSTON, IOWA**  
Half mile north of town. Reference: Ralston Savings Bank



**Spramotor**

Automatic in every section, including pressure, direction of spray and the removing of any sediments that might clog the nozzles.

Use no equal for Orchards, Vineyards, or Row Crops. 86-page booklet T free! Agents wanted.

**SPRAMOTOR CO.,**  
BUFFALO, N. Y. LONDON, CAN.

**Berry Boxes and Baskets**

Fruit and Vegetable Packages of every kind. Send for catalog E.

**New Albany Box & Basket Co.,**  
New Albany, Ind.

## Fire or Kiln Dried SEED CORN

OUR leader is Brown's Choice, which we years ago developed from Leaning stock. Reid's Yellow Dent, Iowa Silver Mine and Yellow Rose, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

**JOHN E. BROWN & SONS, MITCHELLVILLE, IOWA**

**The Jewell Nursery Co.**  
(Box 16,) Lake City, Minnesota  
Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1865. Hardy seeds, trees and plants. Agents wanted—Good pay.

## 300,000 RED CEDARS.

WE MAKE a specialty of growing Red Cedars from seed and we are the largest growers in the United States. Write us for price list.

**GARLAND & FOWLER, AFTON, IOWA**

**SEED CORN** Fink Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

be grown at a cost of less than forty dollars per acre.

## WATCH AND SPRAY

The worms will often destroy a crop of gooseberries or currants in forty-eight hours' time. The insecticide should be at hand for immediate application, and it isn't best to wait for the appearance of the enemy. Put it on when he is due.

Many consider Paris green the best thing to use, and usually one good spraying is enough. The worms come so early that there is no danger in the use of the fruit which comes later.

The main point is to be ready, not to be taken by surprise, and not to let the enemy get the first move.

## THE YELLOW TRANSPARENT.

This apple is not yet appreciated. It comes so early and its quality is so high that there is no need to have any of the crop wasted. Sort out the best samples and have your grocer put them in his show window. They will sell readily, two for a nickel, to the hungry boys, and to the girls also.

Of course the fruit must be hand-picked, and free from bruises to be attractive.

## SENATOR DUNLAP.

The Senator Dunlap strawberry is holding its own well, in popular favor. We incline to the opinion that it is now the most widely planted variety. Its large even-sized fruit and very vigorous growth, are qualities that win. Still, everyone who plants it should bear this in mind: The rows must be restricted in growth. If the season is favorable for plants you will find about August that you have enough and too many runners. A row of plants eighteen inches wide, and four inches apart in the row is enough. Then cut and pull the runners for dear life. Your crop depends on it.

## THE BLACKBERRY.

This fellow is an expansionist. He is like the colored race in general—very

prolific. If permitted to have his way he will annex all neighboring territory to his empire.

For this reason allow plenty of room when planting it. Many a man has put it in the center of a small garden, only to find in a very few years, that he had a continual fight to keep it in bounds. It is that or a whole garden of blackberries.

The ideal place for the blackberry is a strip of land between a grove on one side and a meadow or pasture lot on the other. Then there should be stone walls ten feet thick at each end.

## OUT WORMS.

The successful method of fighting the cut worm is based on the fact that he is fond of sweets. The sweet tooth is as well developed as that of any candy loving boy.

Into a pint of molasses or any sirup stir thoroughly a heaping teaspoonful of Paris green. Mix this with a pail full of bran, or other finely ground feed. Scatter a little of the mixture in the hills or along the rows, where the worms are at work.

They will eat it and be killed, if you have been careful to secure good fresh Paris green.

Currants are hardy, easily cultivated, standing neglect well and liberally respond to cultivation and generous treatment. Set four feet apart in rich ground; cultivate well or mulch heavily; prune out old wood, so that each remaining shoot will have room to grow; if the currant worm appears, dust with hellebore.

Are the breeding ewes getting the exercise due them? Lack of sufficient exercise will bring you a weaker lot of lambs and more trouble at lambing time than almost any other one thing.

Don't let the pregnant ewes jump over a low sill or similar obstacle to get into the barn or in and out of the lot. Such things are sure to be conducive to more or less abortion.



## DAY BY DAY

Agricola

There may be no such thing as luck, and again there may be luck and want of luck, according to what the speaker means by the word, but in farming and gardening the weather is not made by man and in his plans he may or may not run in harmony with weather changes which he can not foresee.

How deep, for instance, should we plant corn? If we knew what the weather would be we could answer wisely and authoritatively, but without that knowledge the answer must be what the scientists call "tentative," when they have no other word handy. If dry, we plant much deeper than when wet. Agricola's rule is to plant just as shallow as will insure sufficient moisture to swell the kernel and enable the vital force in it to change the starch of the kernel into sugar for food for the germ.

But Agricola is in luck this morning, and through no learned foresight or any other sight. Yesterday afternoon he set out strawberry plants. It had been bright, clear and dry for a long time, just the three conditions unfavorable for transplanting, but the time had come for that job, the time to do it could be spared, and the plants had come. There was no alternative—they must be set out.

Transplanting can be done in a dry time with good success by one who knows how and is not too lazy to do it right, but the ideal time is in still, warm, cloudy weather. This morning a light shower fell and the sky remains overcast. This is Nature's guarantee for life for the plants—life and vigor. They could be made to live had the dry weather continued much longer, but vigorous growth requires favorable conditions.

And how deep should sod be broken? For old ground the rule is to plow shallower in the spring than in the fall. A neighbor reverses this in plowing sod ground for corn, and I shall try this plan this spring.

I have heard an agricultural professor teach that the cream of the soil is in the top two inches of sod ground. From this he deducted the principle of very shallow plowing—just as shallow as the plow would turn the sod over, or as little more than two inches as practicable. I tried this plan, and with gratifying success when fall plowed, provided the sod rotted well before planting time.

When unrotted sod has to be prepared for planting, and is broken shallow, then there is just as tedious a job on hand as Agricola cares to tackle, and more so, if there is a way to avoid it. This neighbor avoids it. He hitches four horses abreast before an ordinary walking breaking plow, makes the right hand horse walk on the plowed land, the next horse in

the furrow, and the other two on unplowed land, and turns it over smooth and deep. There is loose soil on top then, and he can disk without turning up sods, can harrow it smooth, and secures a seed-bed fit for onions or sugar beets, and his corn—well, it fairly revels in glee, and no matter whether planted early or late, it delights in showing how it can "get there" before frost.

There is a little risk in manuring land in the spring for corn if the season should prove drouthy, but with the manure spreader this risk is reduced to a minimum, and the benefits are practically assured. The reason, of course, is that the machine breaks up all the lumps and tangles and the connection between the subsoil and surface soil is not broken by a strawy mass which arrests water from beneath on its way to the surface by capillary attraction.

I have good success in topgrafting fruit trees which do not bear good fruit. I cleft graft—split the stock, whittle the scion wedge shaped, insert with the bark of scion and of stock together, cover the exposed part with wax, and look for it to grow with as much confidence as for a planted potato to grow.

Oslar was hardly the original prophet who saw that man may live and look flourishing from a near view after his glory has really departed. If our readers will refer to some of the speeches of "The Noble Red Men" when his country was young they will find this sentence,—"Brethren, I am an aged hemlock—I am dead at the top."

To appreciate this fully, one should have in his personal memory the appearance of a hemlock forest, with the tops of the old hemlocks bare and dead, while the lower limbs were green and growing. From beneath the tree seemed still progressing upwards; from a distant hill the observer discerned that it was at a standstill, that no new upward growth was possible, that death was a present actuality, and that it was as dead at the top as it ever would be. So with our great men, even if, unlike "Lo, the poor Indian," they refuse to accept the fact.

Beware of the man who boasts that he never does and never did anything wrong.

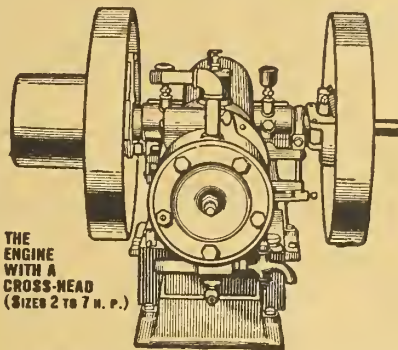
The field is now the best equipped gymnasium to be found, and the appliances provide all that is needed for physical training.

Agricola does not second the motion proposed by certain clergymen, that all churches should run a gymnasium in connection with the church, and locate it on a street car line, so the young generation can get to it without walking.

A milk cow should never be driven home from the pasture at a faster walk than a horse is driven when John is taking Mary home from church.

Sponging on the old folks does not put the right kind of stuff in the physical and intellectual make-up of a young

## Trustworthy Help



THE ENGINE WITH A CROSS-HEAD (SIZES 2 to 7 H. P.)

is a gasoline engine that can be trusted to run hour in and hour out, day in and day out, winter and summer, with very little attention. This trustworthiness you find in the

## ELI Two Cycle GASOLENE ENGINE

This engine has no complicated cams, levers, valves, pivots to wear and stop the work on hand—no compression in the crank chamber to leak and cause trouble. Forty-four successful years of progressive business are back of it as our guarantee. Isn't this the engine you are looking for? And we sell it direct to you—the man behind the dollar. Send for our free catalogue and investigate for yourself. You cannot afford to pay for your dealer's mistakes.

Moline Pump Company, (Established 1863) 303 Twentieth Street, Moline, Illinois

Also manufacture "Illinois" 20 h. p. runabouts, "Kid Auto" children's hand cars, iron pumps, marine motors, etc.

Our 991 Enthusiastic Iowa Users to Date Are Our Best Advertisement

man. It is better to push him out of the nest, as do the eagles, if he will not test his wings voluntarily.

## Cyclopedia of Architecture.

Architecture, carpentry and building appeal strongly to the young man. From every community, whether country or town, there go out numbers of its young men who enter these trades and in time come to fill responsible and lucrative positions. There are right at this time hundreds of young men who are anxious to prepare themselves for a career in some of the building trades, but who have not the means to take the schooling necessary to fit them for the best positions.

To such we would recommend a Cyclopedia of Architecture, Carpentry and Building, recently compiled by about forty of the leading authorities of the United States on these subjects. A few of the numerous subjects comprehensively illustrated and explained are carpentry, reinforced concrete, plumbing, electric wiring, cornice work, roofing, steam fitting, gas fitting, mechanical and architectural drawing, specifications, strength of materials, and kindred subjects. All these subjects are set forth by the most practical and successful men of the times. Four thousand pages with approximately 200 full-page and over 3,000 lesser illustrations are contained in the set of ten massive volumes which are being offered at a special low price by the American School of Correspondence to acquaint young men with the merits of their instruction in the trades. Libraries should have a set of these books for the use of readers both old and

## SILKS &amp; SATINS!

REMNANTS for fancy works, beautiful pieces, corners and squares, new bright colors. Large Package 50 choice pieces with embroidery silk and 5 yards pretty Silk Rib for 75 cents postpaid. Address Seville Lace Co., West Orange, New Jersey.



bon all post paid only 10 cents. 3 lots for 25c; 2 lots for 75 cents postpaid. Address Seville Lace Co., West Orange, New Jersey.

## MORPHINE

My treatment is the only absolute cure for drug habits, and the only one containing the vital principle. Free Treatment Until Cured I treat Drug users free until cured. Write for free trial to-day. State kind and quantity of drug used. Dr. Waterman Inst., 14 to 31 Lexington Ave., N. Y.

## When You Buy a Fence

It's just common business sense to look for the fence that gives you the most for your money—the Anchor Fence will do it. Send for free fence book 12. Anchor Fence & Mfg. Co., Cleveland, Ohio.

**WANTED** Herdsman of experience to care for small herd of Short-horns, headed by Gloster Marshal. Preferably married man. Wish to show. Write O. O. Smith, Des Moines, Iowa.

young. The set will be of invaluable service to farmers, as it contains specifications and plans of buildings, concrete work and plumbing. Contractors, carpenters, masons, painters and members of every building trade must be prepared technically to the best of their capacity nowadays to rise above the average. To such men who have a good general working knowledge these books make a strong appeal. The student will find every imaginable aid to help him master the essentials of the instruction given. The book is a leader in the highest sense. The special price is for a limited time and is made by the American School of Correspondence, 3365 Armour Ave., Chicago. See page 5 for the offer.

## GOOD DAIRY INFORMATION.

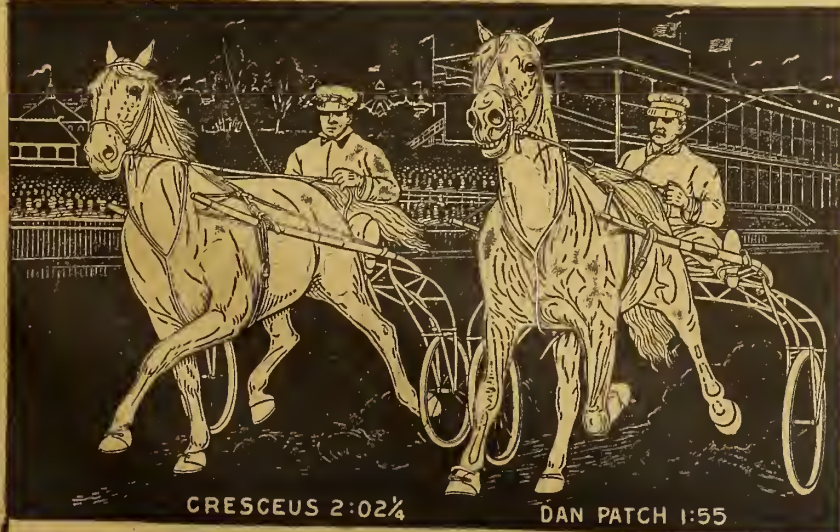
The De Laval Separator Company have just issued a very neat and comprehensive cream separator catalog. Besides setting forth the description and merits of the different makes of this machine, it contains numerous points of value on questions of interest to the dairyman. The popularity of the De Laval Cream Separator is testified to by 800,000 users. Since the innovation of the cream separator the De Laval has been a prominent make in the field. They have secured numberless awards at all the leading expositions held since 1879. In their catalog they devote one page to a reproduction of some of the most important of these awards. The De Laval cream separator commends itself to the investigation of every farmer or dairyman or factory which has use for the highest type of this machine. Those interested in knowing the merits of this separator should ask for this catalog at their local agency or dealer. Should it not be possible to secure it in this way, write to the De Laval Separator Company, Randolph and Canal Sts., Chicago, Ill.

CLARK COUNTY, KANSAS, FARM FOR SALE.

Mr. I. A. Walton, of Wellington, Kan., elsewhere in this issue is offering for sale at a very low figure 480 acres of good improved land in Clark county, Kansas. Mr. Walton has been a resident of this portion of Kansas for the past thirty-six years and is thoroughly acquainted with soil conditions. Look up his advertisement and see what he can sell you for \$22 per acre. Please mention this paper when writing him.

## CAN DAN PATCH PACE A MILE IN 1:54?

HIS TRAINER SAYS DAN WILL ASTONISH THE WORLD IN 1907.



CRESCEUS 2:02 1/4

DAN PATCH 1:55

This Beautiful Picture  
In 6 Brilliant Colors  
Mailed to You Free.

A MARVELOUS PICTURE OF TWO WORLD CHAMPIONS.

Dan Patch 1:55, The Pacing King,  
Cresceus 2:02 1/4, The Trotting King.

We have Large Colored Lithographs of our World Famous Champion Stallions, Dan Patch 1:55 and Cresceus 2:02 1/4, in an Exciting Speed Contest. It is 16 by 21 inches and shows both horses as life-like as if you saw them racing. You can have one of these Large and Beautiful Colored Pictures of the Two Most Valuable Harness Horse Stallions and Champions of the World, Absolutely Free. We Prepay Postage.

Write at Once  
1st, Name the paper in which you saw this offer.  
2nd, State how much livestock you own.

INTERNATIONAL STOCK FOOD CO.,  
MINNEAPOLIS, MINN., U. S. A.

## THE WORLD'S MOST FAMOUS HARNESS HORSE FARM.

International Stock Food Farm of seven hundred acres, owned by M. W. Savage, is generally acknowledged to be the most famous harness horse farm in the world because it owns the Four World Champion Stallions, Dan Patch 1:55, Champion Pacer and Fastest Harness Horse in the world; Cresceus 2:02 1/4, the champion trotting stallion of the world; Arlen 2:07 1/4, the champion 2 and 3-year-old trotting stallion to high wheel sulky; Directum 3:05 1/4, the champion 4-year-old trotting stallion. Also Roy Wilkes 2:08 1/4, the first stallion to beat 2:10 and world's champion for four years. All of these stallions and the one hundred brood mares and their colts are fed "International Stock Food" every day. You are specially invited to visit this farm at Savage, 10 miles from Minneapolis, and see the every day, practical results of feeding "International Stock Food." 2¢ per Pound for One Cent. We always welcome visitors.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## THE PHEASANT BEING INTRODUCED

Following the example of Illinois and Kansas, Colorado now is releasing the pheasant, the farmer's friend, and before many years have passed the entire state will have been stocked with them. The pheasant is the chief enemy of the insect pests which destroy grains and fruits and the worms which destroy the roots and bodies of plants.

While the pheasant cannot be domesticated like the common chicken, its eggs can be hatched successfully under the common hen. As soon as they are

grown the pheasants will take readily to the fields, there to busy themselves consuming the numerous pests that make the farmer's life most miserable. The greatest benefits are to be derived from the propagation of these birds. They are gorgeous in plumage, the best game bird in the world, and its flesh is considered one of the greatest of table delicacies.

In the aviaries in City Park, Denver, there are several hundred pheasants, introduced by W. F. Kendricks, a wealthy mining man, who will stock Colorado with the birds free of cost to the state. The aviaries are so placed that thousands of visitors see the birds every day, the public thus being educated as to the value of the birds and the methods adopted in propagating them. In plumage the pheasant rivals the bird of paradise, and it probably is the only game bird that can be successfully reared in captivity.

## Selling Day Old Chicks.

To the Editor of The Homestead:

This is practically a new departure in poultry culture in this country. Three or four years ago it was almost unheard of; no one thought of shipping newly hatched chicks hundreds of miles and expecting them to arrive in good condition. This, however, is what is being done at the present time with perfect satisfaction to the buyer.

Dozens of breeders throughout the country have taken up this branch of the poultry industry during the past two years and so far as I have been able to ascertain, they are doing a thriving business. This branch of the chicken industry has been carried on in England and China for several years. The chicks are usually shipped in shallow wooden boxes, about six inches deep, with small holes cut in the sides near the top for ventilation. The chicks are taken from the incubator as soon as dry and packed somewhat closely in these boxes, and can be shipped 1,000 miles or more in perfect safety. Owing to the fact that little chicks do not require any feed from forty-eight to sixty-four hours after they emerge from the shell, it is possible to ship them any distance that does not require a greater length of time than this and by the time they arrive at their journey's end they are ready for their first meal. This is a very suitable and profitable business for those who have neither room or time to raise the chicks after hatching them. Profits are good considering the amount of capital that is necessary to invest in such a business. Subscriber.

## Farmers As Poultry-Men.

One of the most serious handicaps that the American farmer has to carry is the regular annual hen strike. Just as often as the sun crosses the autumnal equinox, just so often Mrs. Hen refuses to do any more business, and leaves Mrs. Farmer with no pin or grocery money. From that time until the sun warms the north side of the barn, there is very little "doing" in fresh eggs, and prices soar. We are quite inclined to take this regular yearly "shut down" as necessary, and put up with it, just as we do with the high price of coal. But it's a mistake; there is no more need of suffering that loss than there is of standing any other sort of "bunco" game. Mrs. Hen can be made to understand and do her full duty if you do your duty by her. Did you ever observe your hens closely during this "off" period? If not, suppose you do next time it occurs. You will find them dull, listless, logy and slowly shedding their feathers. Now molting is a natural and necessary period in the round of the hen year, but it need by no means be a time of total loss, and if you intend to get your share of the profit sure to come from a constantly-increasing demand, you must cut this non-productive period down as much as possible. The proper thing to do with hens in order to avoid this lost time is to give regularly in small amount of Dr. Hess Poultry Pan-a-ce-a in the morning feed. We do not hesitate to say that there is nothing so well adapted to the poultryman's need as this preparation. Dr. Hess studied every possible phase of the "hen problem" by scientific research and careful experiment under just the conditions which poultrymen are compelled to meet, and Poultry Pan-a-ce-a is the result. If you are not acquainted with Dr. Hess Poultry Pan-a-ce-a and what it does, let us say, first, it is not a stimulant; it does not excite the hen to an unnatural and artificial production of eggs. It does, however, compel every organ to act in a natural and healthy manner by causing the hen to digest and assimilate the largest possible amount of food taken, so that laying becomes a fixed and constant habit. Poultry Pan-a-ce-a makes a rich red blood and supplies the nitrates necessary to assist in throwing off poisonous matter from the system, so that health becomes a natural condition in confinement as well as in liberty. I do not hesitate to say that no flock can be diseased when Dr. Hess Poultry Pan-a-ce-a is regularly given. If this course is begun with young chicks and followed consistently every day, growth will be rapid and loss practically nothing. I have known pullets handled in this way to begin laying in October and continue productive through

the entire winter, and as I said before it shortens the non-productive period for old stock. Dr. Hess & Clark are so certain of the value of their Poultry Pan-a-ce-a that they give a written guarantee with each package; if it does not give results, it costs you nothing. One cent's worth of Poultry Pan-a-ce-a will make a daily feed for thirty fowls. If you use it as directed, and occasionally sprinkle roosts and nest boxes with Instant Louse Killer your success will be ample.

## POINTERS.

—J. M. Janssen, Sibley, Ia., offers Barred Plymouth Rock eggs for sale.

—Black Langshan eggs are offered for sale by H. M. McKeen, Sac City, Iowa.

—White Wyandotte eggs are offered for sale by A. J. Podendorf, Logan, Iowa.

—Barred Plymouth Rock eggs are offered for sale by J. E. Wehr, Portsmouth, Iowa.

—Silver Laced Wyandotte eggs are offered for sale by O. M. Healy, Bedford, Iowa.

—Single Comb White Leghorn eggs are offered for sale by Henry Oelrich, Rolfe, Iowa.

—Barred Plymouth Rock eggs are offered for sale by Mrs. L. C. Reese, Prescott, Iowa.

—Single Comb Rhode Island Reds are offered for sale by P. H. Thiel, Renwick, Humboldt Co., Iowa.

—Arthur White, Red Oak, Iowa, breeds Barred Plymouth Rocks exclusively. Eggs \$1 per fifteen, \$2.50 per 100.

—Mammoth Bronze turkey eggs at \$2.50 per nine. Pekin duck eggs at \$1 per nine. Write Mrs. A. Kitson, Audubon, Iowa.

—H. F. Allen, Blairsburg, Iowa, offers pure-blood White Plymouth Rock eggs for sale at \$1.50 per fifteen, or \$5 per 100.

—Buff Orpington and Golden Buff Rock eggs from high-class stock are offered for sale by Mrs. G. R. Fuller, Rolfe, Iowa.

—Prize-winning Light Brahmas and Barred Rocks scoring 90 to 93 points is what J. Q. Swallow, Nodaway, Iowa, is offering eggs from.

—Large Black Langshan cockerels are offered for sale by Mrs. Geo. Tutt, Marathon, Iowa. She also offers eggs at \$1 per twenty and \$4 per 100.

—Pure-bred White Wyandotte, White Holland turkey and Toulouse geese eggs are offered for sale by the Forest Home Poultry Farm, Box 253-H, Audubon, Iowa.

—Mr. G. M. Grinstead, Mitchellville, Iowa, offers M. B. turkey eggs, \$3 per ten, B. P. Rocks, \$1.25 per fifteen, Pekin duck eggs, \$1.25 per twelve, on this page. Mention this paper.

—Mrs. Eva E. Girard, Schleswig, Iowa, is offering some exhibition Barred Rock cockerels for sale. Read her advertisement and write her. Eggs at reasonable prices, from her best pens.

—Five cents an egg is what Mr. J. T. Molloy, Albion, Iowa, is offering choice sittings for from his flock of prize Barred, Buff and White Rocks and White Wyandottes. Write mentioning The Homestead.

—For eggs for sittings or for incubator from S. C. Brown and White Leghorns which score from 90 to 96, address Mr. Geo. V. Price, Indianola, Iowa. This breeder of poultry writes that his sales have proved very satisfactory to his patrons and his supply of eggs is still choice. Mention The Homestead when you order.

—Mr. W. J. David, of New Hampton, Iowa, offers Barred Plymouth Rock eggs from good, heavy birds, the hens weighing from ten to ten and a half pounds. This flock has been carefully selected and proper attention has been given to type, so that the colorings are of the required standard. List your order with this advertiser at once.

—To move a fine lot of Barred Plymouth Rock chicken and Pekin duck eggs at once, Mr. Fred Post, Moulton, Iowa, is reducing the price from \$2.00 to \$1.50 per sitting. He is filling orders every day with eggs from his fine flock of W. H. turkeys. Place your order at once if you are not supplied, as at these prices they will go quick. Mention The Homestead.

—The necessity of a supply of grit and lime within easy access of fowls is fully known by every poultry breeder. Oyster shells supply both these materials in a desirable form. The Star Poultry Food Co., Minneapolis, Minn., advertise a high grade quality of crushed and sterilized oyster shells on this page. Booklet will be sent on request, mentioning this paper.

—Messrs. Whisler Bros., of Fairmount, Iowa, who have been advertising Mammoth Bronze turkeys, write that they have three fine toms left which they will price reasonably if taken at once. Their sales have been very good this year as their offering has been first-class, and anyone who has not yet supplied himself with a flock header should write them immediately, mentioning this paper.

—The Barred Plymouth Rock eggs which Mr. M. V. Leeper, Redfield, Iowa, advertises on this page he writes are from the same pens from which he has secured such high percentage of fertile eggs this season. These pens contain all of his prize pullets and hens shown at Lohrville last December. Every male bird carries a strong infusion of the choicest pens of Mr. F. H. Shellabarger. White duck eggs and also M. B. turkey eggs are for sale and the flock of turkeys have laid unusually well this year. All eggs at reasonable prices. Write for circular mentioning The Homestead.

—We desire to call the attention of our readers to the advertisement of Mr. S. V. Latham, of Montezuma, Iowa. He writes: "I have bred Barred Plymouth Rocks, M. B. turkeys and Pekin ducks for over ten years. My birds have stood the test in the show room. I breed for size as well as high scoring qualities. They are of the most popular strains in America today. I have eggs of the above breeds for sale. My eggs are hatching fine and a great many of my old customers are ordering eggs. My egg customers are not disappointed when chicks are grown. The following is a sample of the many letters received: 'Ohio, Ill., March 30, 1907. Mr. S. V. Latham, Dear Sir:—You will find enclosed \$1.75 for which please send me thirty Barred Rock eggs. I have

**\$7.00** Buys the Best 120-EGG Incubator

freight prepaid, ever made.

Don't lose cases all over 'best copper tank; hot water; self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

Belle City Incubator Co., Box 52, Racine, Wis.

## Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

The White and Brown Leghorns are the greatest layers in the world. I keep 2000 of the celebrated Chamberlain laying strain on my Experimental Farm, and to increase the sale of my Perfect Chick Feed, I will send to any one who will send me their name so I can send them my Perfect Chick Feed Catalogue, 2 sittings of Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Only 2 sittings sold to one person. White or Barred Plymouth Rock, or White or Silver Laced Wyandotte Eggs \$1 per sitting. This is a rare chance to get a start of extra stock. Send money and have your orders booked at once.

W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, MO.

## STERILIZED OYSTER SHELL FOR POULTRY

Guaranteed Egg Producer. Write for prices. Booklet sent FREE. Prepared and put up in Packages by the Star Poultry Food Co. Minneapolis, Minn.

## WYANDOTTES.

**White Wyandottes Exclusively.** Eggs, \$1.50 per 15 or \$2.25 per 30. Our flock is free from brass, ars of good size and shape. I guarantee 10 chicks to hatch or eggs will be replaced at half price. Orders filled promptly. Address, A. J. PODENDORF, LOGAN, IOWA

**ROSELAWN FARM.** WHITE Wyandottes exclusively pure bred, with farm range. Eggs \$1.50, \$2.50, \$4.50, \$5.50; satisfaction guaranteed. W. S. Gregory, R. 2, Keota, Ia.

**WHITE WYANDOTTES**, standard bred. Right in size, color and shape. Eggs \$1.50 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

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**SILVER LACED** Wyandotte eggs, fifteen for \$1.00; \$1.75 for 30; \$5.00 for 100, from \$1.00; point birds. H. B. Cameron, Montezuma, Iowa.

**SILVER LACED WYANDOTTE EGGS** FOR \$1.40 for \$2.10 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

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**S. C. RHODE ISLAND REDS.** Not equalled by any other fowl for beauty, egg production or table use. Write me for prices on eggs. P. H. Thiel, Renwick, Humboldt Co., Iowa.

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**MAMMOTH** Toulouse geese eggs, 15 cts. each; White Wyandotte eggs \$1.50 for 15. Orders filled promptly. H. M. Almy, Greenwood, Neb.

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**DOGS FOR SALE** AND ALL kinds of pet and live stock. Send 10 cents for sixty-page descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, Pa.

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**Mammoth White Holland Turkeys, Large Pekin Ducks, Barred Plymouth Rocks.**

**EXTRA** large high-scoring prize-winners. 10 turkey eggs, \$3; 10 duck, \$1.50; 13 Barred Rocks, \$1.50. **FRED POST, MOULTON, IOWA**

**EGGS** For Sale—Bronze turkeys, Barred, P. Rocks, White P. Ducks. Choice matings. Bronze turkeys, 30c each, 11 eggs for \$3; B. P. Rocks, Shellabarger strain, breeding pens, \$1.25 per 15, 30 eggs for \$2; farm range flock, 30 eggs for \$1, \$2.75 per 100; W. P. Ducks, 22 eggs for \$1.25, \$4.50 per 100. Circular free describing my matings. M. V. Leeper, Redfield, Ia.

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**FROM** prize winners at reduced prices. M. B. turkeys, \$3.00 for 10 eggs. B. P. Rocks, \$1.25 per 15. Pekin ducks, \$1.25 for 12. Eggs fertile. **G. M. Grinstead, Mitchellville, Iowa**

**EGGS** From full blood Black Langshan 8 lb. pullets mated with 12 lb. cockerel, score 94½. 75c for 15. Choice eggs from farm range, large boned vigorous birds, \$1.00 for 30; \$1.50 for 50. Pullets, 75c each. Mrs. H. Osterfoss, Hedrick, Iowa.

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25 BARRED PLYMOUTH ROCK  
COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

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BREEDER of monster B. P. Rocks for 24 years. B. Rocks headed by Iowa State and Jasper County fairs first prize winning cockerel, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 1st and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

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BREEDERS of Exhibition Barred Plymouth Rocks exclusively 25 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerel; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. 15 Males scoring 91 to 92½ and weighing 8½ to 11½ lbs.; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, - Montezuma, Iowa

## BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail; prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Fine catalog free.

S. V. LATCHAM, - Montezuma, Iowa

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BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawske, Route No. 3, Harlan, Iowa.

EDGAR Lawn Poultry Farm. 16 yrs. a breeder of C. Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93. pullets score from 90 to 93½. Eggs, pens I & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

SOME FINE Cockerels at \$1.50 each up to \$2.50 each. Twenty years breeder Barred Rocks. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand years mated, 3 for cks. 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva L. Girard, R. F. D. 2, Schleswig, Iowa

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15 FOR \$1.45 for \$2.10 for \$4. from as fine a flock of hens as any man has. E. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

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FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reece, Prescott, Iowa.

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MY FINE BARRED P. ROCK Pullets, scoring 91 to 92½, mated to cks. scoring 91 to 92. Eggs for hatching, 15 for \$1.50, 30, \$2.50. H. I. Auestad, Slater, Iowa.

WHITE Plymouth Rock eggs from birds scoring 94½, farm range; \$1 per 15, \$1.50 per 30, \$2 per 50 and \$3.50 per 100 eggs. D. A. Good, Ogden, Ia.

BARRED P. ROCK Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

BARRED Plymouth Rock eggs. Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

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WHITE PLYMOUTH ROCK EGGS, 15 for 75¢, 100 for \$3.00. Mrs. E. C. Turner, Griswold, Iowa

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WHITE P. Rocks exclusively. Eggs, \$1.50 per 15; 11 chicks guaranteed or replace sitting at half price. J. S. K. Campbell, Morning Sun, Louisa Co., Ia.

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WHITE PLYMOUTH Rock eggs from extra fine laying strain. \$1.00 for 15; \$1.75 for 30. Elmer E. Cary, Delaware, Iowa

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## PLYMOUTH ROCKS.

## BARRED PLYMOUTH ROCK

## — EGGS FOR HATCHING —

Pen No. 1, hen and pullet mating with cockerel scoring 93, of the Ringlet strain, at \$1.50 per sitting of 15; pen No. 2, hen and pullet, mating with cockerel scoring 92 of the Bradley strain, at \$1.25 per sitting of 15; from flock having the farm range, mated to good cockerels, \$1.00 per sitting of 15. Special prices on lots of 45 or 100.

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COCKEREL and pullet mating; average score of C. hens 90, and cocks 91½ and 92. Judge Wale. \$1.50 per 15. Mammoth Bronze turkeys, hens scored to 97½, toms, 97½, \$3.00 per 9.

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FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, - Portsmouth, Ia.

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FROM high-scoring stock of the best strains known to the breed and are excellent layers, \$1.50 per 15 eggs. Twenty years a breeder.

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B. P. ROCK EGGS From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cocks and cks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners and sired by state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

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BUFF Plymouth Rocks, Gold Dust strain, winners wherever shown, two splendid breeding pens; eggs \$1.00 and \$2.00 per 15; \$5.00 per 100. E. R. Stilson, Montezuma, Iowa.

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I CAN now furnish carefully selected eggs for hatching from the famous Wycoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. L. E. Brown, Richland, Iowa.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

ROSE Comb Brown Leghorns, Eggs \$1.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 30; \$3.50 per 100; \$6.00 per 200. R. R. Stewart, Charles City, Iowa.

## ROSE COMB BROWN LEGHORNS.

FROM 15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 15, \$1.00; 50, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$3. Ella Sharp, Mt. Sterling, Ia.

SINGLE COMB Brown Leghorns, Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Medapolis, Iowa.

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Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Anthon, Iowa

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ROSE COMB Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

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EGGS for HATCHING from high scoring Rouen ducks at one dollar per ten eggs. Address, J. H. Howarth, Moulton, Iowa

## LANGSHANS.

## Phillips' Black Langshans

EGGS for hatching from three grand matings. Pen No. 1, scoring from 94 to 96, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 2, scoring from 94 to 96½, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 3 has farm range, scoring from 92 to 95, eggs \$2.50 per 15, \$4.00 per 30, \$10.00 per 100. Write for free circular.

## C. W. PHILLIPS,

New Sharon, : : : : Iowa

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa

BLACK Langshan eggs for sale from large boned, vigorous birds, having full farm range, 15 for \$1.00, 45 for \$2.50. H. M. McKeen, Sac City, Ia.

BLACK LANGSHAN eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock, J. M. Cameron, Oskaloosa, Ia.

PRIZE-WINNING Black Langshans exclusively, scoring to 94 at Dubuque, 1907. Eggs, 13 for 85c; 26 for \$1.50. W. W. Bensenville, Earlville, Iowa.

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MAPLE LAKE POULTRY FARM. Light Brahmas, large size, farm range. Eggs, \$1, 15; \$4, 100. Mrs. A. H. Klepper, Route 1, Muscatine, Ia.

## LIGHT BRAHMAS Bred exclusively

Eggs, \$1.50 per 15. Oren J. Spalti, Pleasantville, Ia.

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Twenty-five for one dollar, \$3.50 for one hundred. Address, Mrs. Lem Wyle, Clarksburg, Iowa.

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GOLDEN S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.75 for 26. A. LeFevre, Earlville, Iowa

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PURE BRED Single Comb Black Minorca eggs, 15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Satisfaction guaranteed. Nick Loewen, Successor to Fitzsimmons & Loewen, Lawler, Iowa.

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PARTRIDGE COCHIN Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; fancy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

## MISCELLANEOUS.

Mammoth White Holland Turkeys, Large Pekin Ducks, Barred Plymouth Rocks.

EXTRA large high-scoring prize winners. 10 turkey eggs, \$3; 10 duck, \$2; 13 Barred Rocks, \$2. FRED POST, MOULTON, IOWA

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PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-11 Audubon, Ia.

EGGS For sale from choice matings. Barred P. Rocks and Bronze turkeys, Shellabarger strain. Write for free circular describing my matings. Prices right. Also six fine M. B. turkey toms at \$3.00 each. M. V. Leeper, Redfield, Iowa

BARRED ROCK EGGS 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Blue barred, Ringlet strain, scoring to 92. Also M. B. turkey eggs, Missouri King and Giant strains. Prize winners, scoring 96, \$5 per 10. Henry Schlitter & Sons, Lawler, Ia.

BARRED PLYMOUTH ROCKS Single Comb Brown Leghorn eggs for hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$4.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa

ROSE Comb White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 26, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa

LIGHT BRAHMA And R. C. B. Leghorn eggs, \$1 to \$2 and \$4 to \$5 per 100. Order soon. Mrs. Frank Hart, Route 2, Dunbury, Ia.

EGGS From high scoring Black Langshans and S. L. Wyandottes. 15 eggs, \$1.25; 30 eggs, \$3; 100 eggs, \$5. Mrs. Wm. Barr, Kirkman, Ia.

WHITE WYANDOTTES Barred, White and Buff birds that always win prizes. J. T. Molloy, Albion, Ia.

FOR SALE Barred P. Rock eggs, 26 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

EGGS FROM FOURTEEN LEADING varieties of poultry. Great bargains, quality considered. Address, Burton J. Holt, Pleasantville, Iowa

EGGS Barred Plymouth Rock, \$1 and \$2 per 15; \$3, 50; \$5, 100. W. Wyandottes, \$2, 15. Mating list. W. C. Frazier, Atlantic, Cass Co., Ia.

EGGS S. L. Wyandottes, \$1, 15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys 3.50 per 9. Choicestock. Mrs. F. It. McLoughlin, Manning, Ia.

UPPER AND Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1, 50 for \$2, 100 for \$3.75. Albert Haus, Waco, Iowa.

## MISCELLANEOUS.

## Pheasant, Duck, Geese, Brant &amp; Chickens Egg.

VARIETY.	NO. PRICE.	VAR.	NO. PRI.
Wild geese,	7, \$3.00.	PHEASANTS	
Wild Mallard duck,	13, 3.00.	Golden,	13, \$5.00.
Barred Rock Hen eggs,	13, 1.50.	Silver,	13, 5.00.
White "	13, 1.50.	Eng. R. Necks,	15, 3.00.
Wild White Brants,	7, 3.00.	L. Y. Amherst,	7, 5.00.

Address, DEER LAKE PARK, SEVERY, KAN.

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In Two Shows in 1906 by the

IOWA POULTRY FARM.

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S. L. Wyandottes S. C. R. I. Reds

Stock For Sale. Farm Raised.

EGGS, \$1.00 PER 15.

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STOCK direct from Byer's prize winners. Clean sweep at Montezuma Poultry Show. Eggs, \$3.00 per sitting. Single Comb Rhode Island Reds from prize-winning pen, \$1.50 per sitting. Bronze turkey eggs twenty cents each. Member National Black Orpington Club. Address,

FRED WILLIAMS, BARNES CITY, IOWA

## The Evergreen Poultry Farm, Marathon, Ia.

EGGS: B. P. Rock, great large ones, 1 year range; eggs \$1 per 15 or \$4 for 100. Yd. 1, ckl. mating is headed by 1st prize ckl. at Northern Ia. Poultry show. Yd. 2, pullet mating headed by a 3rd prize ckl. Eggs either yard \$2 per 15. M. B. turkey eggs \$5 per 10. Toulouse geese eggs 25c each. P. duck eggs \$1.25 per 11. Orders filled promptly. Write, Mrs. Silas Cobbs.

## EGGS FOR HATCHING from pure

bred poultry and eggs of 20 kinds for sale. Barred and Buff Rocks, Pekin ducks, Bronze turkeys, Toulouse geese, bees and fox hounds a specialty. Enclose stamp for catalog. Address, J. Fred Roy, Redfield, Iowa

## Barred P. Rock and White Wyandotte

EGGS from choice B. P. Rock birds, 15, \$1.00; 60, \$3.00; 100, \$4.50. White Wyandotte prize-winning stock, best of the breed, 15, \$2.00. Express prepaid. 50 cents extra on all orders. Address, Stacy, "The Red Hog Man," Rochelle, Ill.

S. L. Wyandottes Pekin ducks and Bronze turkeys. Eggs from high scoring, big boned stock at \$1.00 per thirteen, \$2.00 per thirty, \$5.00 per hundred. Ducks \$1.00 per nine, \$2.00 per twenty. Turkeys \$3.00 per nine, \$6.00 per twenty. Send postal for my 1907 catalog. Address, J. D. Smith, Route 3, Montezuma, Iowa.

## White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scoring birds. Address, Mrs. Jessie Teale, Route 4, Lamoni, Iowa

## BIG BRONZE TURKEY EGGS \$5.00 per 10.

Flock headed by 1st prize tom at Northern Iowa Poultry show, and hens weighing 23 to 28 lbs. Giant Barred Rock eggs, flock headed by 1st and 2d cocks and 92 point cockerels scored by Heintzsch. Males weigh 11 to 13½, females 9 to 12. Satisfaction guaranteed. Grant Gallaher, Spencer, Ia.

## Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahmas and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address, Mrs. J. C. Webber - Montezuma, Iowa

## MAMMOTH BRONZE White Holland turkeys

Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins,



OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

WITH THE EDITOR.

A few weeks ago the editor took an article presumably intended for Among Ourselves and isolated it here With The Editor. The plan worked so successfully that the experiment is to be repeated this week. With The Editor will be with Whittier, as interpreted by Mrs. Victoria Christie, who has spoken Among Ourselves, but always beneath the mask of a nom de plume. By request Mrs. Christie has prepared for our Home Department a synopsis of "Among the Hills," a poem which has had large place among the character forming influences of her life. She has done the work charmingly. Although she offers it apologetically, the editor presents it to readers of the Home Department with full confidence that they will duly enjoy it and with the hope that it will stimulate study of the poem itself:

The prelude to "Among the Mills" begins with the description of a typical August day in the country, and the poet calls to mind old summer pictures of the quiet hills, and human life as quiet, at their feet; feeling as he dreams of the past how rich and restful even poverty and toil become when beauty, harmony, and love sit at the humble hearth, as angels sat at evening in the patriarch's tent; when man makes labor noble, and his farmer's frock the symbol of a Christian chivalry, tender and just and generous to her who clothes with grace all duty. Then comes the other side of the picture—how wearily the grind of toil goes on where love is wanting; how the eye and ear and heart are starved in the midst of nature's plenty; when the house walls seem blistering in the sun, without a tree or vine to cast the tremulous shadow of its leaves across the curtainless windows, from whose panes flutter the signal rags of shiftlessness; where the best room, stifling with cellar damp, shut from the air in hot midsummer, is hookless and pictureless. And in sad keeping with their surroundings are shrill, querulous women, sour and sullen men, untidy, loveless, old before their time, with scarce a human interest save their small economies, or the poor scandal of the neighborhood; churchgoers, but grumbling over pulpit tax and pew rent, saving their souls and winter pork with the least possible outlay of salt and sanctity; showing as little comprehension of Christian love and duty as if the

Sermon on the Mount had been outdated like a last year's almanac. Not such should be the homesteads of a land where whoever wisely wills and acts may dwell in broad-acred state, with beauty, art, taste, culture, books, to make his hour of leisure richer than a life of fourscore to the old time harp. Then comes the story of the poet's drive with his hostess to a certain farmhouse to buy some butter, and on the way home she tells how the farmer's wife was a city girl who came to his home as a summer boarder. One day in jest she told him he needed a wife; not some one acquainted with piano keys, but some fair, sweet girl, with skillful hand and cheerful heart for treasure, and he says he is not in the mood to seek a wife; in learning to love her he has lost the power to love any other girl. He says this proudly, daring her scorn, but she surprises him by declaring nor frock, nor tan can hide the man, and then—the hangbird overhead looked down to see love's miracle, the giving that is gaining. A perfect picture of married life follows. Neighboring homes are cheerier for her sake; the social air is sweeter for her coming. No tenderer hand ministers to the sick; a subtler sense of pleasure feels each rustic sport she graces, her presence lends her warmth and health to all. For larger life and wiser aims the farmer is her debtor; through her his civic service shows a purer toned ambition; no double consciousness divides the man and politician. In party's doubtful ways he trusts her instincts to determine; at the loud polls the thought of her recalls Christ's Mountain Sermon. He owns her logic of the heart, and wisdom of unreason, supplying, while he doubts and weighs, the needed word in season. And if she walks at ease in ways his feet are slow to travel, and if she reads with cultured eyes what his may scarce unravel, still clearer, for her keener sight of beauty and of wonder, he learns the meaning of the hills he dwelt from childhood under. He has his own free, bookless lore, the lessons nature taught him, the wisdom which the woods and hills and tolling men have brought him; the steady force of will whereby her flexible grace seems sweeter; the sturdy counterpoise which makes her woman's life complete; a latent fire of soul which lacks no breath of love to it, and wit, like his native brooks, plays over solid granite. And so, in grateful interchange of teacher and of hearer, their lives, their true distinction keep while daily drawing nearer.

Victoria R. Christie.

HOME AND HOMEMAKING.

LITTLE HELPS BY THE WAY—RECIPE FOR HAPPINESS.

Men have been searching for the fount of eternal life for thousands of years, says Bert Walker. Ponce de Leon thought he found it in the Sunny South several hundred years ago, but he was mistaken. But I have been shown how to be happy, and that beats living forever. A friend of mine who has noticed that I occasionally kick on existing things and am not always a thing of joy and contentment, has handed me the recipe of happiness. It is so good that I hasten to divide it with the brethren. Here it is:

If you have the blues, read the 27th Psalm.  
If your pocketbook is empty, read the 37th Psalm.  
If people seem unkind to you, read the 15th of John.  
If discouraged about your work, read the 126th Psalm.  
When you are out of sorts, read the 12th of Hebrews.  
When you are losing confidence in men, read the 13th of I. Corinthians.  
When you can't have your own way, keep silent and read the 3d of James.

MONTH OF MAY.

Here I am, and how do you do?  
I've come afar to visit you.  
Little children, glad and free,  
Are you ready now for me?  
I'm the month of May!  
I've a store of treasures rare  
Laid away with the greatest care—  
Days of sunshine, song and flowers,  
Earth made into fairy bowers!  
I'm the month of May!

—Selected.

A THOUGHT FOR THE MOTHER.

We prepare our children for most everything which is likely to happen to them, in a measure at least. We are slack about preparing them for marriage and home-making. The mother must do it if it is ever to be done. It ought not to be so, but it is so and may as well be recognized. Teach the girls to work, but don't work them to death. Teach them to think and manage. Do as much for the boys and be strict with them on the subject of temperance, then the chances are good for a happy life for both of them.

USES OF EGGS.

The uses to which eggs may be put are many, aside from their employment in cooking.

A mustard plaster made with the white of an egg will not leave a blister.

The white skin that lines the shell of an egg is a useful application for a boil.

White of an egg beaten with loaf sugar and lemon relieves hoarseness—a teaspoonful taken once every hour.

An egg added to the morning cup of coffee makes a good tonic.

A raw egg with the yolk unbroken, taken in a glass of wine, is beneficial for convalescents.

It is said that a raw egg swallowed at once when a fishbone is caught in the throat beyond the reach of the fingers will dislodge the bone and carry it down.

The white of a raw egg turned over a burn or scald is most soothing and cooling. It can be applied quickly and will prevent inflammation, besides relieving the stinging pain.

One of the best remedies in case of howl trouble is a partly beaten raw egg taken at one swallow. It is healing to the inflamed stomach and intestines, and will relieve the feeling of distress. Four eggs taken in this manner in twenty-four hours will form the best kind of nourishment, as well as medicine for the patient.

A raw egg is one of the most nutritious of foods and may be taken very easily if the yolk is not broken. A little nutmeg grated

# Amatite ROOFING

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Let us look into the subject more fully.

With any other roof there is the necessary preparation before you can begin the work.

With shingles—the slow, laborious work of nailing each shingle separately, matching and chalk-lining each row.

With Tin—matching, soldering, painting—then the everlasting keeping it painted, year after year, so it won't leak.

With ordinary ready roofings—paint! paint! paint!

With Amatite—you can nail it down yourself, over your new roof or your old shingled or tin roof, and there you are.

No worry, no fuss, no expense.

Could you possibly find any other roofing to so completely meet every requirement?

And your expense ceases after you have purchased enough Amatite for the job. There need be no saving to repair the barn roof next spring. You will not need it.

Amatite doesn't need to be repaired every year or so; it requires no painting or coating of any kind to make it last from one season to another. Amatite is waterproof, weatherproof and repairproof.

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St. Louis Boston Minneapolis Philadelphia  
New Orleans Cincinnati London, Eng.

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We make this offer to let you prove for yourself, astoundingly, that these test-tags of real leather which we make into our "Buffalo Calf" Shoes show you how strong for wear the leather is. Show you how flexible it is for comfort. Just ask your dealer for a pair and test them on your feet, or write us for a sample "Buffalo Calf" tag.

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Ask your dealer for them or write us today for a sample tag. Find out for yourself. It will pay you to find out what good shoes for hard wear our "Buffalo Calf" Shoes really are. Write today or see your dealer.

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"The Western People"  
Des Moines, Iowa

# WET?

You may be able to get along without a

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But can you afford to?

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SOLD BY ALL RELIABLE DEALERS

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TOWER CANADIAN CO. LIMITED TORONTO CAN.

upon the egg, a few drops of lemon juice added, some chopped parsley sprinkled over it, or some salt and a dash of cayenne pepper, vary the flavor and tend to make it more palatable when taken as a medicine.

The white of a raw egg is the most satisfactory of pastes and is better than any prepared mucilage or paste one can buy. Papers intended to put over tumblers of jelly or jam will hold very securely and be airtight if dipped in the white of an egg.

WHAT TO EAT.

**Cheese Biscuit.**—Roll some puff paste out thin and sprinkle over it a dash of cayenne and dry grated cheese to cover it; double up the paste, roll it out again and cut it with a small round cake cutter. Brush over the biscuit with an egg, lay them on a floured tin and bake in a hot oven to a very pale brown. Any stale bits of cheese may be pleasantly used in this way.

**Japanese Koto.**—Cut five pounds of rhubarb stalks in inch pieces, add five pounds of sugar; let stand over night. In the morning pour boiling water over one and one-half pounds of figs; cut in bits. Add to the plant with grated rind and juice of two lemons. Boil until like thick preserves. Koto is fine with cold meats; also as cake filling.

**Baked Bean Salad.**—Peel and slice very fine four large or eight small onions. Pour cold water over them and press hard with the hand to remove the strong acid taste. Drain well. Place in the salad bowl a pint and a half cold baked or boiled beans, add the onions, a teaspoonful of salt, half a teaspoonful of pepper, two tablespoonfuls salad oil, a teaspoonful white sugar and a small cup vinegar. Toss lightly, then mound on lettuce leaves with a garnish of olives and sliced hard boiled eggs. This is delightfully appetizing for either picnic or supper table.

AMONG OURSELVES.

In this great household there must surely be many gardens in process of making, but we are hearing almost nothing of them. This is not as it should be. Let us hear from the gardeners. Perhaps the request Aunt Belle is about to make will bring those who raise flowers to their feet and taking courage from their vegetable gardeners will give us of their experiences also:

I want to ask a favor. I am very fond of China asters, but do as I may they will not bloom for me until so very late that their season of beauty is very transient. Please give me minute instructions, as I must have them bloom earlier. I have planned and started an old-fashioned flower garden in which I expect to plant hardy blooming plants and shrubs, so that I will have less work in some ways, but yet plenty of flowers. We love bouquets in every room from March until November. Think I shall have my garden set out in straight lines with long narrow paths between. The few annuals I use must be such as cut to advantage. Do any of the sisters have "real" flower gardens? If so, please write about them for the benefit of all and especially of Aunt Belle.

Speaking of flowers a Pausy is raising her shy head Among Ourselves:

At a lecture we had the other evening in our town, the speaker asked: "What is the sweetest thing on earth; can anyone guess?" He said it was a little baby. Now, will someone please tell what the sourest thing on earth is?

All new born things are sweet, but probably most persons will agree that of

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them all a baby is the sweetest. I wonder if we shall agree as well as to what is the sourest? Let us see.

Several of the friends have risen to wrestle with the definition of love. Oddly enough they are all of the same sex, though of varying ages and different



estate. From internal evidence and private information I have classed four of them in order and present them to you as follows: Aunt Ellen, Mrs. Maria Brown, Mrs. Belle Brasel, and Miss Rosebud:

What is love? It is to regard with affection; it is a natural passion inclining us to delight in an object, a gracious principle of habit wrought in our being by our Creator, which inclines us to delight in, esteem and earnestly desire to enjoy an interest in the happiness of all and especially those of our own household. Love is composed of many elements, forbearance, self-sacrifice, blindness to the faults of those we love whether married or single. Often we hear mothers make flimsy excuses for real wrongs committed by their children. A woman would not do such a thing except for the love she bears her children. For the same love she will place herself between them and extreme danger, forgetting her own peril. So long as a wife can love her husband (and she will love him if he loves and treats her as well as she does him) she never owns that he has a fault. Husbands are not apt to speak of the faults of their wives away from home, but it is the everlasting, unjust, criminating tongue-lashing in the home that crucifies woman's love, and so long as the husband loves his wife he will not do this and then allow himself to feel aggrieved because he does not receive the tender solicitude that love hegets. The male sex is marvelously adroit in the begetting of the love of the opposite sex and could keep it by the same tactics if so inclined, as woman is constituted to love and that ardently and more than herself.

These heartfelt talks on love or the lack of it, which is hate, touch the heart. We are all human and do err. Now, what's to be said to help these heartaches? I believe if your suggestion to talk on love be acted upon, benefit will be derived for all. First,

Economy is practiced, comfort is increased, and work is lessened by MACBETH lamp-chimneys.

They cost less if you figure by the year instead of by the chimney. MACBETH lamp-chimneys add to the brilliancy of the lamp, and it is taken care of with half the bother when fitted with a MACBETH chimney.

There are other reasons. The Index explains them and also tells all about lamps, their proper chimneys and care. It's free.

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**THE MOWER**

WHAT will kill all the weeds in your lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1-12 in. Mower, \$5; No. 2-15 in. Mower, \$6; No. 3-18 in. Mower, \$7; No. 4-21 in. Mower, \$8. Send draft, money order or registered letter. Mention The Homestead when writing.



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what is love? God is love, hence the source of all love. Whatever love we bear for husband or wife, for child or friend, is from God. Second, what are its elements? We are told in Gal. 5, 22-23, that the fruits of the spirit are love, joy, peace, long suffering, gentleness, goodness, faith, meekness, temperance. Love never finds fault, hate never commends. Love is blind to or overlooks, the failings; hate is blind to any good qualities. When people are married they should be in love with one another, have faith in each other, be gentle with each other, be meek; that is, consider the other better than yourself, be temperate, and don't think to gain love by these means and keep it by laying every failure at the other's door. A man and woman may love one another (there are degrees in love) and one of them may in a fit of ill humor start a trouble which never ends. Why? Because it is never dropped. Both should practice love; all else is transitory. Wealth, position, fame, health, sickness, friends, all are subject to change, but they twain are one flesh. What a foolish person to find fault with one-half of himself!

Love is an attraction between the sexes, or the attraction of one sex for the other. It is both spiritual and amatory, or mental and physical. The spiritual governs the amatory when it predominates or the reverse. The spiritual calms and pacifies the amatory. The amatory, when not controlled, kills the spiritual along with all of the finer emotions. Love can be killed. The very purest love that ever existed between man and woman can be killed by sensualism.

I am just a school girl of eighteen years, but I am going to try and answer the difficult question which was asked lately: "What is love?" There are several different kinds of love. First, the love for our beloved Christ who died on the cross to save mankind. We must not forget how dearly God loved us; so well that He gave His only begotten Son to save us. His love surely must have been a perfect love. We should always have Him uppermost in our minds and love and obey all of His commandments. Second, the love for our parents. It should be such a strong love that we would mind the minute they spoke to us and then they would not have to scold so much. We should not talk and ridicule them behind their backs as I have heard some boys and girls do. Third, is the love between brothers and sisters. It should be a true love, and they should love one another so well that they would not quarrel and fuss, but try to do everything they know would please each other. Now, the fourth I don't know anything about. But I shall tell what I think it should be. That is, love for the opposite sex. I think it should be a pure true love—one that the man will not criticize his sweetheart or the woman her lover. Now I do not think this love is fully matured until the couple is married, for then they have to face all the trials and troubles of life together, and it makes them nearer and dearer to one another.

There is food for thought in what these friends have given us. Let us read, mark, learn, and inwardly digest it, and meantime let us hear from others. A Missourian comes to propose a couple of questions, answers to which have a close bearing upon the general question:

Some time ago you suggested that a talk on love might be helpful; I wish to start the subject by asking some questions of those who have had experience:

1. What do you think of love at first sight? Is such true love or is love the result of courtship between like-minded people?
2. How can you tell when one is truly in love?

That second question is something of a poser, but even if we cannot answer it explicitly and satisfactorily we may be able to throw some light upon it—I trust the friends will at least make the attempt.

A curious contribution to the discussion regarding dancing lies before me. I have hesitated about laying it before the circle, but have finally decided that verses from the Bible can do no harm even when quoted irrelevantly:

In reference to dancing, as it is carried on today, I consider that the good way to spend the time in dancing would be to instruct each other in the way of righteousness; of our duty to God and to our fellows.

Thus saith the Scripture: "Fear God and keep his commandments, for this is the whole duty of man." "For God shall bring every work into judgment, with every secret thing whether it be good or whether it be evil."

"For ye are bought with a price, therefore glorify God in your body, and in your spirit which is His."

"God is a spirit and they that worship Him must worship Him in spirit and in truth."

"Finally, brethren whatsoever things are true, whatsoever things are honest, whatsoever things are pure, whatsoever things are lovely, whatsoever things are of good report, if there be any virtue and if there be any praise think on these things."

"Is it pleasure of sin for a season?"

"Our pleasure the glorified share."

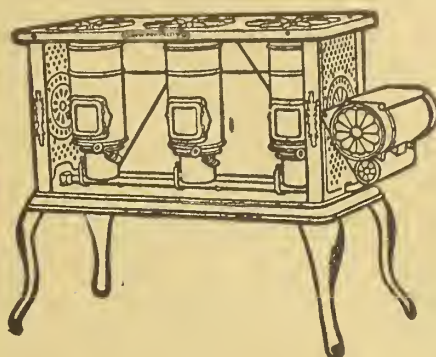
At our next meeting we shall have replies, two at least, in answer to the question: "Should a girl give her mother her confidence with regard to her correspondence and her men friends?"

Dressmaking and Millinery, No. 567.

Sylvia Silverthorne, Muscatine, Iowa

(All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.) For wear with the fashionable turnover

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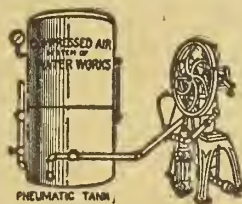


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collar are a variety of new fancies that in a way take the place of the long-favored, (and still favored) "tab." In looking over a line of these that make up a fresh display I noted some simple little things that are easily copied and I think a little thought will enable the home needle-worker to fashion some for herself from a description. To begin with there were a number of turn-overs that were joined to a band shaped after the ordinary hand collar. The turn-overs were of the embroidered kind described at some length in this column some time since. They were intended to close at the back, fastened to the band portion at the front beneath the turn-over were fan-pleated pieces made of very sheer lawn, or of wash silk. These pieces vary in shape, and are trimmed on the edges and some have insertions to correspond, of either lace or very fine embroidery. On one two pieces having very fine pleats in the center of each, were used together, and in length that was half the depth of the waist front. These pleats are drawn closely at the top where they are joined to the collar, but are spread at the bottom in fan shape. Another pleated fancy was made in a shape almost like a fancy handkerchief cut diagonally. Then the bias edge is placed under the edge of the turn-over after it is arranged in a cluster of tiny pleats all turning toward the center. Insertion and edging are on all the outer edges, and on some there was a strip of insertion set in the center and reaching nearly to the point that will be directly at the front. I should have said that when you have your half-handkerchief shaped piece fold it through the middle and cut off the corners having a bias edge. Then you have four edges to trim. I think you will get the idea, and can make these at a trifle of expense compared with the "stors" prices.

be "1st out" when laundered, and the piece ironed flat like a handkerchief.

The fancy blouse 5625 is quite novel in design as well as in finish. It is suitable for



[5625 Fancy yoke blouse, 32 to 40 bust measure.]

any of the materials and as either a separate waist or a suit garment. This yoke is pointed at the back and has an extension at front that reaches the waist line. The novel



sleeves are developed on corresponding lines. Frills of the material finish all the edges. But bandings, pipings or embroidery may be used instead. An exceedingly stylish finish may be given by embroidery done in a design on yoke and extension and on the plain portion of the sleeve and cuff. The pattern provides for a fitted lining, but if the material is of the washable kind this is preferably omitted. The waist closes at the center back, as do very many of the season's waists. Pattern 5625 is cut in sizes for a 32, 34, 36, 38, and 40 inch bust measure.

The sailor blouse suit illustrated in 5632 is still the favorite for the smaller boys, and favor is about equally divided between the fitted knee pants and the knickerbockers.

## How

many Farmers or Farmers' Wives ever think of Taking Their Ease in

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WATERLOO, IOWA

## CYCLONE FENCE



Combine service and long life with beauty by putting up Cyclone Ornamental Fence. Choice of various styles, suitable for wood or iron posts. All neat and strong and guaranteed to retain position. Special fences for Churches, Schools and Cemeteries with special prices. Write for Catalog.

**CYCLONE FENCE CO., Waukegan, Ill.**

## Cheap as Wood.



We manufacture **Lawn and Farm Fences**. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is Free. Write for it to-day.

**UP-TO-DATE MFG. CO., 927 10th St., Terre Haute, Ind.**

## SCALES

U.S. STANDARD

**FREE CATALOG**

ALL STYLES—LOWEST PRICES—

**AMERICAN SCALE CO.**  
206 NEW ENGLAND BLDG., KANSAS CITY, MO.

## DON'T RUST FENCE



40 Carbon Spring Steel. Extra heavily galvanized. No Agents 30 days free trial. Farm and Poultry Fence, Catalogue No. 140. Also 40 Styles Lawn Fence, Catalogue O. Catalogue Free. Write for one or both.

**THE WARD FENCE CO.,**  
Box 404, MARION, INDIANA

## LAWN FENCES

Two to six feet high. We save you 50%. Also write for catalogs poultry and hog fences and gates.

**MUSGRAVE FENCE CO.,**  
Des Moines, Iowa

(IOWA GOODS FOR IOWA PEOPLE.)

Perhaps many of the mothers who are waiting for something in this line will not fancy the knickerbockers, but will want the pat-



[5632 Boy's blouse suit, 6 to 12 years.]

tern for the sake of the blouse. As shown the suit is of checked linen and the shield is of white, but the usual variety of materials are suitable for such suits. Plain colors and white, checks and stripes are all favored. Braids and bias bands of contrasting material are suitable trimming for the collar, or the collar may be of plain or contrasting material. Pattern 5632 is cut in sizes for boys of 4, 6, 8, 10 and 12 years of age. The four year size will be a different number, but otherwise there will be no noticeable difference. Order by this number and I will understand.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Ad-

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson V. Genesis XXI, 38-49. May 5, 1907.

Joseph The Wise Ruler in Egypt.

The transition from winter to spring seems sudden. In the briefest possible time the whole bosom of nature will be garlanded with green. But the conditions which make this lovely phenomenon possible have been slowly forming in nature's secret laboratory. Could we peer into the mystic fountains whence the crude sap and the nutritious juices have been rising for weeks past, we should not say that spring had a sudden coming.

From prison-cell to throne-room is a startling, abrupt transition. But really Joseph had paved every step of the way, and it had taken him thirteen years to do it. He had gotten the honey out of the eater by submitting to chastening providences. He worked out his own salvation with fear and trembling. At the same time, God was working through him those beneficent purposes which have always been His pleasure. He intended to bless Joseph and make him a blessing. And Joseph, by his patience, industry, and piety, put himself in the way of getting and being a blessing.

Joseph's experiences were trying in the extreme: To be torn away from home and kindred; just when he thought himself a prince, to find himself a slave; after ten years of faithful service, to suddenly and most unjustly lose the confidence of his mastery; to stand charged with an odious crime, with no chance of proving innocence. It looked to Joseph as if he had traveled the wide circle of sorrow to find himself in the pit once more from which there was the least possible likelihood of his ever being liberated. "Leave all hope behind, who enter here," might well be inscribed on a demijohn dungeon of Egypt. David says they hurt Joseph's feet with fetters, and laid him in iron. And Stephen joins Amos in speaking pathetically of the "afflictions of Joseph."

How the tempter must have glibed him! "A pretty fulfillment this, of all his brilliant dreams!" It was enough to make heart and flesh fail. The average man would have given up to inanity—

## Examine Fence Carefully

before you buy it and see whether the stays are made of *whole wire* or *short pieces*. It makes a big difference in the strength of the fence and as the *whole wire* fence costs you no more, and is fully twice as strong, why buy the other? Our stay wire is continuous—one piece running continuously up and down across the fence without an end for many rods. Thus we preserve and utilize *all* the strength and service there is in the wire, fully half of which is wasted in cut stay fences—sacrificed to convenience and speed in manufacture. Our method of weaving is a little slower and costs us a trifle more, but it's worth while—it's the only correct way of weaving a fence.

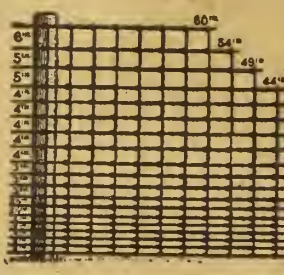
**30 days approval.** But why argue and hesitate? Let us ship you what fence, etc. you need on 30 days approval. We want you to examine and test it. We want to show you the difference between ours—the best made fence on earth, and the other fences that are being offered to you. During the 30 days you can test it thoroughly. You can put up a part of it or all of it and turn your stock against it. Give it any kind of a test you wish. After examining it and comparing its construction with others we will gladly let you be the judge. If you don't like it, send the whole business back and it won't cost you a cent as we will pay freight both ways and refund every cent you paid. 17 years experience with this kind of fence gives us the confidence to make this offer.

**We prepay freight** to any steam railroad station in the United States on 40 rods or more and guarantee the safe delivery of your shipment. Our free Fence Book tells all about Advance Fence. Let us send it to you with freight paid prices on our line.

## Advance Fence Co.,

34 Old St., Peoria, Ill.





## THE "DENNING" FENCING IS FAMOUS

For its "Peerless Tie" close mesh, strength and durability. Our motto is "not how cheap but how good." Yet our prices are as low as any compared with weight. We use the best **galvanized steel wire**. Our hog fence is superior. Our poultry fence beats the world. Our lawn fence is ornamental. Our **slat corn cribs** and **steel grain bins** are popular. Ask your dealer, or write us for catalogue.

**THE DENNING WIRE & FENCE CO.** : : Cedar Rapids, Iowa

dress all orders to Sylvia Silverthorne, Muscatine, Iowa.

## The Iowa Gate - FOR THE FARM -



**By sliding this ring back the largest hogs may pass under**

**AND** have the run of two lots. Or raise your gate to drive hogs through, then your larger stock cannot get out.

**RAISING THE GATE** is simple enough but very handy your gate swings on uneven ground or when the outer end drags.

**IOWA** gates will raise up for winter use—are not bothered by wind, rot, or fire. Are easy for women to handle but strong enough for any stock.

**CHEAPER THAN WOODEN GATES** and will outlast a dozen. Write today for our circular.

**IOWA GATE CO.** 9TH ST.  
CEDAR FALLS, IOWA

## Ornamental Fence

Superior to wood—for lawns, churches and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue Free.

**WARD FENCE CO.,** Box D, MARION, IND.

would have become a spiritless drudge. But Joseph was quite more than an average man. His fortitude and faith shine brightly against the dark background of Egyptian slavery and imprisonment.

The young Hebrew made the very best of his circumstances. He acquired the language, observed the manners and customs, detected the defects in public administration as no native would have been apt to have done. He managed the considerable estates of Potiphar with such fidelity as to prepare him to administer well the vast empire of Pharaoh. And when his environment narrowed down to prison walls, he availed himself of his enforced seclusion to reflect upon what he had observed. He kept himself unpolluted by the vices incident to prison life. Like a swan, he sailed down the corridors reeking with moral filth, and kept himself unswayed.

Wherefore God highly exalted him, and gave him a name above every name of his age. We say God did it; and we have just said Joseph did it. Paradoxical, but true! There is no clearer example of the co-operation of the Divine and human. Joseph worked and God worked. The result was, the prisoner was metamorphosed into the prince.

**Analysis and Key.**

1. Exaltation of Joseph. Sudden in appearance only. Thirteen years of preparation.
2. Joseph's bitter experiences. Exile. Slavery. Charged with crime. Imprisonment.
3. Joseph's fortitude and faith. Reflection in seclusion.
4. From prison to palace. Prisoner turned into prince.

**The Teacher's Lantern.**

A veritable revelation Egypt was to the alert mind of Joseph. Imagine his first sight of a pyramid. To his wondering eye it must have appeared like a shepherd's tent of Canaan, grown to colossal size, and petrified, with the antiquity of two thousand years already

upon it. What has been aptly called the "reserved grandeur" of the Nile-land architecture must have left its lasting impression upon the shepherd lad. The weird and manifold idealization of animal forms must have excited curiosity, followed by reflection.

More musical instruments than he had ever dreamed of sounded upon the erect ears of the young captive—the harp, lyre, guitar, flute, single and double pipe, tambourine, cymbal, and drum. He saw more industrial arts plying than he knew were in existence—the making of pottery and glassware and metal vessels, arms, and domestic implements, and the weaving of such linen as the modern loom can not match.

Egypt was to Joseph a school-room crowded with object-lessons. He was getting all the advantage of foreign travel and residence. He was coming in contact with one of the eldest and best civilizations of earth. He was reading its literature, studying its laws, observing its customs. That was what Providence sent him to Egypt for.

By contrast he could see the superiority of his ancestral faith. Even if he



had no Scripture, the substance transmitted to him orally shone resplendent in comparison to the religion of that land—the spirituality of Jehovah as compared with the gross materiality of Ra, the hawk-headed man. If he read the Egyptian Bible, the Funeral Ritual or Book of the Dead, he found it, as one affirms, a marvel of confusion and poverty of thought. The very sum and substance of their religion consisted in charm and incantation. An ostentatious disposition of his remains, a big funeral, was the chief thing an Egyptian was taught to live for. How sharp the contrast between that and the command which epitomized the practical religion of the patriarchs: "Walk before me, and be thou perfect."

All that Joseph and his kindred and their descendants saw in Egypt tended to root and ground them in their faith. That was the very object of their transplanting from the hills of Canaan to the Nile Valley.

Dreamed in, dreamed out of prison, Joseph was. The narration of his dreams prophetic of his preferment was the immediate cause of his hard lot. His successful interpretation of Pharaoh's dream was the means of his deliverance. The wonder is that he had not lost confidence in dreams entirely. Thirteen years of servitude were not enough to shake his dauntless faith. Dreams cut no figure in religion nowadays, however. We have a more sure word of prophecy.

As through the thinnest possible veil, so through the tissue of this artless narrative one sees Jesus. Joseph is his type in humiliation, suffering, exaltation. The astonishing agreement has already been shown at several points. At length Joseph was exalted to be a prince and a savior. They actually ran before his chariot, crying, "Savior!" "Savior!" He filled the granaries for famine-stricken Egypt. But Jesus filled the inexhaustible storehouse of mercy with bread of life for a famine-stricken race.

#### INTERSTATE FAIR, SIOUX CITY, SEPTEMBER 7-14.

The premium list and announcement of the live stock fair at Sioux City, Iowa, has been received. Past success has been so gratifying to the management that in planning for this, the fifth successive fair, more premium money and greater and more splendid attractions than ever have been secured. This year the fair will open Saturday and will continue until Saturday the coming week. The second day, Sunday, will be devoted to a sacred concert and on Monday affairs will be in full swing. The attractions during the days following will be Dan Patch, Cresceus and a daily air ship flight. Twenty-four thousand dollars has been provided for speed. Live stock premiums are sufficient to insure a grand collection of all the breeds. A larger machinery exhibit is promised; in fact all departments will be greatly improved which will give to this fair an importance that should command generous public patronage from visitors and exhibitors. The premium list will be sent to anyone writing to Mr. F. L. Wirick, secretary, Sioux City, Iowa.

**The "STAY THERE"**  
Aluminum Ear Markers  
are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed-trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address  
**WILCOX & HARVEY MFG. CO.,**  
187 Lake St., Chicago, Ill.

#### SHEEP.

#### CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

**CHANDLER BROS.,** Chariton, Iowa

#### More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free.

**MYERS-BOYD COMMISSION CO.,** ST. LOUIS, MO.

#### Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

**GEORGE ALLEN,** Lexington, Neb.

#### GOATS.

#### 2,000 HIGH GRADE ANGORA WETHERS.

One and Two Years Old. THESE goats can be used for brushing and then fed and sold for mutton. Come and see me or write.

**W. YATT CARR,** Iowa  
Farm 3-4 1st. from depot. Phone 44

## OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

#### FENCING FOR SHEEP.

Without doubt, a factor largely influential in the past in limiting the number of sheep in the corn belt has been the matter of fences. This is the time of year that many new fences are being put in, or old ones repaired; and we wish to suggest the practicability of putting in tight fences. Good fences are essential in every well ordered farm, and why not have them hog and sheep tight?

The use of thirty-two inch woven wire with three barb wires additional makes one of the most desirable fences for all classes of live stock. The cost of such a fence above that of the ordinary four-wire fence is quickly estimated, being variously from sixteen to eighteen dollars per eighty rods, according to the time the woven wire is purchased. From sixty to seventy dollars will pay the added cost for a mile, or around forty acres, and we dare say that there are few farmers who have not within a few years past, lost in some one year fifty to seventy-five dollars worth of grain, because of down grain in a poorly fenced field. Sheep will utilize such opportunities to the best advantage and bring the loss down to the minimum.

There are, however, many other ways in which the extra fencing will be paid for. The weeds destroyed in a year by fifty sheep will effect the entire cost of the fence, by converting the weeds into salable mutton. There is scarcely any weed that sheep will not destroy though there are four or five weeds distasteful to them. The run of the corn fields for a month or six weeks following silking by a carload of sheep will make the farmer money at both ends, by destroying weeds and making good mutton. Another item worthy of notice is the husking of the corn in a field free from weeds. All these are not great things in themselves, but are important enough to demand attention. If the farmer has arranged so he can take advantage of them, he will be the gainer.

#### PLENTY OF PURE WATER FOR THE FLOCK

A great many people have the idea that sheep do not drink water in the winter time. The reason for this mistaken notion is probably based on the fact that sheep drink less water than any other farm stock. The fact is that in winter sheep will seldom be seen drinking water if the supply is not good, and if there is snow on the ground for them to eat. Just why sheep do not drink as much water as other farm stock we do not know. Nevertheless it is the experience of sheepmen. Sheep are the most particular of all animals regarding the cleanliness of the food which they eat. We have seen them go without water for weeks rather than to drink out of a foul tank or even out of pails that had been tainted with slops. There is absolutely no use in trying to water them in this way. The least dirt or litter in the water will cause them to turn away from it and probably go without it rather than to drink.

Where there is a system of water works on the farm there should be several drinking places provided with floats in them and they should be sufficiently protected to prevent litter and dirt getting into them. Where it is necessary to pump the water by hand and the flock is small it is a good plan to carry the water to them in pails which are used exclusively for that purpose. As soon as they have finished drinking the pails may be hung-up, and in this way one will never be troubled with having to chop ice out of the buckets.

Work of caring for the flock is so light that there is no reason why one cannot afford to be just a little bit careful about these small but very important things.

#### What Breed of Sheep for Wet Land?

To the Editor of The Homestead:  
A subscriber at Royal, Iowa, sends the following inquiry:

For wet land which breed of sheep is the most profitable, Shropshire, Hampshire, or Oxford? I do not refer to swamp land, but rather to land that is level and produces long grass.

Before answering this question directly we would say that land at all in-



Painting with Pure White Lead does not necessarily mean painting white. Any color may be added to Pure White Lead, producing any desired shade of color.

The standing of Pure White Lead Paint is attested by the fact that every other paint pigment is sold either mixed with Pure White Lead, or fraudulently labeled as Pure White Lead, or as a composition of unknown ingredients claimed to be "good as Pure White Lead," "better than Pure White Lead," etc.

For fast-color paint use properly tinted Pure White Lead.

The Dutch Boy trade mark shown below is a positive guaranty of genuine, unadulterated White Lead made by the Old Dutch Process; look for it on the side of the keg.



#### Send for Book

"A Talk on Paint," which gives valuable information on the paint subject. Sent free upon request.

#### NATIONAL LEAD COMPANY

In whichever of the following cities is nearest you:  
New York, Boston, Buffalo, Cleveland, Cincinnati,  
Chicago, St. Louis, Philadelphia (John T. Lewis & Bros. Co.), Pittsburgh (National Lead & Oil Co.)

clined to be wet is not desirable for a sheep pasture; that is, it should never be used as a permanent pasture for sheep, though it could well serve as a change for the flock during the drier seasons. If it is to be used very much as a sheep pasture we would advise draining thoroughly. Flat, damp lands are undesirable as sheep pastures, because parasites infecting sheep thrive too well in such places. Also, there is more or less danger of foot-rot, though the question of parasites is the greater one.

Coming now directly to the question, we would consider either the Hampshire or Oxford in preference to the Shropshire for such conditions. Feeding on the long, rank, luxuriant grass, the Shropshire is apt to become coarse and depart from the breed type. The Oxford would probably be the best breed of the three, as they are a large breed and more accustomed to such conditions. Hampshires should do nearly as well, though, as the Oxfords, and there is a point also in favor of the Hampshires now, which is that there is a strong demand for Hampshires at this time, or, rather, indications of considerable popularity for some time. Taking this into consideration, we believe that Hampshires and Oxfords would prove about equally profitable under the given circumstances, individual tastes making the deciding factor.

We have answered this question as applying to pure-bred sheep. If, however, only high-grade cws of either of the breeds are kept, pure-bred lambs used and the lambs simply raised for market, there would be little choice in the matter, more depending on individual tastes. Any one of the three should do well, if rightly handled.

Story county, Iowa. Ellis Rail.

#### Construction of a Lamb Creep.

To the Editor of The Homestead:

The construction of a creep suitable for feeding lambs is in itself a very simple affair, and if only intended for present use may be very cheaply made. Use something substantial for the four

corner posts, 2x4's will be all right, while the side and end rails to which the uprights are to be nailed should also be substantial enough to make the creep stable. For the top rails 1x6-inch boards will do nicely and four-inch stuff will be strong enough at the bottom. For the uprights any light stuff will do. In lieu of other material, barrel staves will be desirable, though an old sheep trying to get through may break a weak barrel stave.

As to dimensions, two and a half feet will be high enough. Cut the corner uprights this length. The width should be at least six feet at the bottom. The sides may be upright and slope toward each other at the top. The uprights should be placed such a distance apart that lambs several weeks old may pass through easily, but not old sheep. Round the edges of the uprights to prevent pulling the side wool. In England where the creeps are well made the side rails are heavier and the uprights are put in as rollers.

Place the creep where the lambs may have free access to it. Place a low trough in it and keep in the trough a supply of suitable food, such as bran, oats, a little oil meal and after a few weeks, cracked corn. Always clean out the trough daily and supply fresh feed. Nothing will give better returns with lambs so handled that are to go to market in June and July, while for any lambs it is well worth while.

Subscriber.

#### HE GUARANTEES A CURE.

Mr. Ben F. Fout, of London, Ohio, says: "I cured five head of my own horses with Dr. Knoblauch's Internal Fistula Cure. I can guarantee your medicine to be all right." See advertisement of Messrs. Clouse & Stamm, of Geneseo, Ill., on page 21.

#### BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.



## ADDITIONAL FIELD NOTES.

## A VALUABLE CATALOG.

One of the most valuable catalogs which has come to the desk of the writer, a representative of The Homestead, is that of the J. E. Porter Co., of Ottawa, Ill. This firm are well known manufacturers of the "Meadow King" Hay Carriers, used for many years by the most successful farmers. One of the principal reasons why "Meadow King" Hay Carriers give such universal satisfaction is their simplicity. With each succeeding year this company has made improvements in their machinery, so that the improvements made during the past season have been of such a nature that it will pay any farmer to send for the new catalog just issued by this company. Many valuable suggestions are found in this catalog and the large number of illustrations will be of much benefit to all who are interested. Good goods are appreciated and that is the reason this firm have each year increased their business. We are pleased to call the attention of our readers to the catalog just issued by the J. E. Porter Co. and are sure that many valuable suggestions and much help will be received by those who write for this catalog at once, kindly mentioning The Homestead.

## JONES' NATIONAL SCHOOL OF AUCTIONEERING.

We take pleasure in calling the attention of our readers to the Jones' National School of Auctioneering the advertisement of which appears on page 26 of this issue. Col. Carey M. Jones is the president of this school and gives it his personal attention. He has surrounded himself with a very able corps of assistants, each one a success in his particular line of work. This school offers to the young man an unexcelled opportunity to become a successful auctioneer. No business of today is as profitable as the auction business and the increasing demand throughout the entire country for auctioneers has more than exceeded the supply. The auction sales every day in the week at the Union Stock Yards in Chicago afford the students of this school an opportunity to observe the most successful sales. No other auction school offers students such advantages as does this school along these lines. Graduates of Jones' National School of Auctioneering are conducting successful sales throughout the entire country. The following letter from Col. John R. Bradshaw, of Blue Mound, Ill., is one of the many received from those who have attended this school: "Jones' school met my highest expectation, and I consider my time

and money well spent by attending the past term. The methods of teaching are very thorough and the instructors equally proficient in their various works. I highly commend your school to those wishing to enter the auctioneering work, fully realizing that the average practicing auctioneer would be much benefited and more successful in attending your school. I believe that your school will satisfy the long-felt want of the public for an institution of the kind, and that it will serve as a bright star, brightening with its radiant rays the darkness that has so long prevailed with those wishing to enter the auctioneering field. In the future auctioneers of the country at large will consider you, through your institution, their benefactor, and the profession will be greatly elevated." Write for catalog at once, as the next term will open soon, and kindly mention The Homestead.

## A WELL BALANCED EDUCATION.

Drake University, Des Moines, Iowa, offers to the young man or woman opportunities for an education that are drawing bright young people to its classrooms from all over the central West. The fact that in the present enrollment of the school thirty states are represented and the average yearly attendance approximates 1,700 students is sufficient proof of this statement to warrant it. Iowa furnishes a large number from farm and city alike. Every county is represented in the state by one or more young people. This year Drake University will graduate 230 students from its different courses. Some of these will continue their education in higher schools, but no doubt the majority will at once accept the many attractive propositions offered by the world of business. Those who are thinking of taking up work in a college this fall should investigate the courses of instruction offered at this school. On this page will be found a list of the various departments. An announcement of each will be mailed to any of our readers on request if they mention this paper. Address Drake University, Des Moines, Iowa.

## MRS. C. S. CROSS' HEREFORD DISPERSION.

The dispersion of the Fair Acres herd of Herefords, owned by Mrs. C. S. Cross, of Emporia, Kan., on May 15th, is one of the events in Hereford circles that is of such importance that it should attract from a large territory. Through the entire herd the blood of some of the most noted bulls of the breed is represented and the rare judgment Mrs. Cross has shown in the use of good herd bulls on the best females produced at Fair Acres has brought her herd to a point of excellence such as is reached by only a few. Mrs. Cross has never tolerated any drones in the herd and all shy breeders or poor producers have found their way to the shambles. It is in dispersion sales of this kind that buyers may buy with every confidence that they are getting their money's worth and cattle that will continue to do for them as they have done for their past owners. In Mrs. Cross' dispersion of seventy head, about twenty will be found descendants of Dew Drop 3d and Fairy, both daughters of Albion. They are such a lot as will please the more critical buyers. Daughters of Wild

AN IDEAL  
LOCATION IN  
THE CAPITAL  
CITY OF IOWA

## DRAKE UNIVERSITY Normal School

A  
Well Equipped  
Training School  
FOR TEACHERS

LARGE FACULTY OF TRAINED TEACHERS  
EXCELLENT LIBRARY FACILITIES

**The School of Education** offers a course requiring two years for its completion after full preparatory work has been done. All the work required gives full credit in the College of Liberal Arts making graduates eligible to Junior standing in any college of the State of Iowa.

**The Primary Training School** offers a course that requires the full time of the student for two years. The review in the common branches and along educational lines has been strengthened by college work in English and the sciences.

**The Kindergarten Training School** The University maintains one of the highest grade Kindergarten Training schools in this country. Its graduates justly rank high. The demand for trained Kindergartners is increasing each year.

**The Music Supervisor's Training School** aims to prepare competent and painstaking music supervisors to supply the demand for that class of teachers in our public schools.

**The Training School for Drawing Supervisors** has been established to meet the demand for a course preparing the student to teach drawing in the public schools.

**The Oratory and Physical Culture School** offers thorough courses in reading and physical culture, and its graduates are well prepared to teach those subjects.

**The Academy** has for its distinctive work the preparation of students for the various colleges of the University.

Send for announcement of the Department in which you are interested.

Address, **DRAKE UNIVERSITY, Des Moines, Iowa.**

## Drake University Summer School OPENS JUNE 14-17 1907

Departments:—Collegiate, Normal, Music, Academic, Primary Training, Kindergarten Training, Grades, Oratory, Business. The best possible provision for instruction of teachers in all subjects for certificates of any grade, for credits looking toward advanced standing and in general and special professional lines.

Model classes in Kindergarten, and Primary Grades, including Third. Elementary School in which children of any age or grade below the high school will be taught.

Pleasant location in Iowa's Capital City, Provision for those who wish to begin work at any time after May 10th, making it possible to get three months instruction in certain lines.

Graduating classes at the close of each summer term. The only school in the West in which the entire faculty is selected, and the whole organization planned for the exclusive benefit of the Summer School student body.

The faculty of 1907 has been selected with greatest care, and the success of the work is therefore assured. Tuition low when excellence of work is considered. Living expenses lower than elsewhere for like accommodations. Announcements now ready. Reduced rates on all railroads.

**W. F. BARR, Director, DES MOINES, IOWA.**

**Direct from Mills to you we pay the freight**

**BEACON-ITE LONG LIFE ROOFING**

Shingle roofs will rot and are liable to burn; tin and iron roofs will rust. There is only one roofing that will resist rain, wind, snow or sparks from burning buildings and never rot, rust or burn—BEACON-ITE LONG LIFE ROOFING.

It is a long wool fibre that has been thoroughly saturated in a solution, by a damp-proof process that makes it absolutely water-tight. BEACON-ITE is the only roofing that you can buy direct from the mills, thereby saving the jobber's and dealer's profit. Then again, you can put it on yourself (we furnish all necessary cement and nails free) thereby saving the expense of hiring a roofer.

If you are interested in a roofing that will cost you about one-half the price of tin or shingles and will outlast either many years, we want to send you our "Roofing Literature" and FREE samples of BEACON-ITE. Write for them to-day.

**BEACON-ITE MILLS, DEPT. 4, St. Louis.**

## RECEIVED OVER FIFTY INQUIRIES FOR LAND.

SATISFACTORY RESULT FROM A KANSAS ADVERTISER'S ANNOUNCEMENT IN THE HOMESTEAD.

Mr. J. E. Seaton, of Vernon, Kan., writing under date of April 26th, regarding the land advertisement which he had inserted in The Homestead, says:

"I received some fifty odd inquiries from my last advertisement of four issues with you and made a very satisfactory exchange for a farm in Clay County, Iowa, through same."

Tom will be found among the attractions in cows. The younger females, two-year-olds and yearlings, are by Tranquility, a son of Beau Brummel. Some extremely desirable things are found here. The cows of breeding

age are in calf to the coming two-year-old herd bull, Christy, one of the most promising bulls to pass through a sale ring this year. Christy was got by Keep On 2d and out of a Lord Saxon-Wild Tom dam. A strong show could be made with this bull if he is properly carried on for the fall shows. The younger bulls that go in the sale will afford

### SOME GREAT FARM BARGAINS.

J. H. Dumont & Son, of Omaha, Neb., are offering the following exceptional bargains in farms: 440 acres mostly virgin soil, with timbered shelter for stock; living water, in western Iowa at \$65 per acre; 320 acres, twenty miles north of Omaha with fine shelter for stock and complete hog feeding plant, including water system at \$60; 360 acres twenty-five miles from Omaha in the southwestern part of Washington county, which is especially adapted to grain and stock raising, at \$80; quarter section of pasture and hay land near Lincoln at \$42; 680 acres, two and one-half miles from Beatrice, partly seeded to alfalfa, fine stock feeding plant, good shelter, 250 acres in cultivation at \$60. Will furnish tenant for the Beatrice farm who will rent for a term of years and pay as rent \$2,000 per year and all taxes rent. These properties are all owned by banks or individuals who have special reasons for selling and have authorized them to close them out at bargain prices. These properties must be sold within the next thirty days and they are being offered away below their value. See advertisement on page 19 and write Messrs. Dumont & Sons at once. Kindly mention The Homestead when writing.

### HERDS IN GRUNDY CO., MISSOURI.

Around Trenton are located a number of enterprising and ambitious breeders of pure bred stock and recently a representative of this paper visited Mr. H. C. Campbell, near that place and found a good working herd of Short-horns in the meadows, at present there

**ONE MAN MADE \$10,000 ON HALF AN ACRE** of ground, growing Ginseng. Another is making hundreds of dollars per year growing Mushrooms in an ordinary cellar. Others are making big money growing Golden Seal and other medicinal plants, of which the wild supply is fast becoming extinct and prices rapidly advancing. **YOU CAN DO THE SAME.** Our new monthly magazine, **PROFITABLE HOME INDUSTRIES**, tells you all about it; full details; letters from successful people. If you want to make money, write us today. Price \$1.00 per year, 3 months trial 25 cents, sample copy 10 cents. Address, **PROFITABLE HOME INDUSTRIES, 270 Thompson Bldg., Scranton, Pa.**

Is no sale stock, as the eligible stock for such purposes has been in good demand at this farm. Another Short-horn breeder visited was Mr. J. R. Skinner, who has collected some very well bred individuals. An Angus breeder in the same vicinity who is doing well is Mr. P. C. McDonald. He has been showing some and will have something at the leading shows again this year. His prospects are good for getting some nice ribbons. Over in Iowa, at Corydon, Mr. W. E. Cutler was found preparing for his coming sale of Short-horns, June 8th. This will be a sale of good stock and it should profit new breeders especially to be on hand. Within a short drive of Corydon is situated Mr. Nelson King and Mr. I. G. Davis. Both of these gentlemen consigned some first class Short-horns to the combination sale held at Corydon last fall. At the head of Mr. King's herd is Scotch Archer, a good bull throughout, carrying a strong infusion of Scotch blood. A young bull is for sale here. Stock is healthy and going on to grass in fair condition generally.

### Many Orders for Eggs.

Mr. E. B. Sinn, of Brighton, Iowa, who advertises Rose Comb Brown Leghorns in our department of classified advertising, writes under date of April 26th, as follows: "My little advertisement in your classified columns is bringing me lots of orders for eggs. Enclosed please find cash to continue it."

### Destruction of Chickens By Rats.

To the Editor of The Homestead:

In reply to your inquiry about the amount of damage that is annually done on the average farm by rats, I will say that last year these pests destroyed 200 young Barred Rock chickens for us. These, when mature, would have been worth at least thirty-five to forty cents each, so you can see that our loss runs from \$70 to \$80. In addition to this destruction, I feel sure that ten bushels of grain worth forty cents a bushel were consumed. I for one would like to get hold of some easy and effective way to destroy these pests.

John Portwood.  
Fillmore county, Neb.

**The GALLOWAY Cream Separator**

**50% SAVED**

**Direct From My Factory to Your Farm. Get My Prices Before You Buy. Get My Catalog.**

I have been told there are a lot of farmers who would own a cream separator if they could get one at a reasonable price.

I am looking for those farmers.

I will give any farmer that chance and take all the risk of my separator pleasing him.

I'll send it out on my free trial plan and am going to give the first farmer in every section who buys my separator a chance to take advantage of my new and very successful proposition which will help him pay for his machine. Requires no work and only a few minutes' time.

Write me for my booklet and proposition before you think of buying of any other manufacturer. Remember you get my very low prices and my \$25,000.00 bond at the same time.

**I Want One Million Farmers To Get My SPECIAL PROPOSITION**

When it comes to the machine the Galloway has all the good points you will find in any separator made, and a lot of its own besides. Prove this for yourself. Let me send you my separator on a ten days' trial on my free trial plan. My special proposition and free trial plan make you the most liberal offer possible. I hope you will appreciate this to you. My catalog will give you my selling plan in full and a complete description of the separator. It will say something besides telling you the Galloway is the closest skimmer and easiest operated machine made. They all claim that. I'll go ahead and prove it and I'll also let you prove this for yourself. Remember that always. You are to be the final judge of the Galloway. It won't cost you a cent, if the machine isn't all I claim for it. It's so simple in construction, so well made and adjustable that you'll think as I do that you ought to have one. Now, of course, when it comes to telling you all about my separator which I am selling direct to you, I must ask you to send for my catalog. It will give you all you want to know. My catalog is my only salesman and one that will save you a lot of money. Send for it. Just drop me a postal and say, "Please send me your booklet and your special proposition by return mail."

**William Galloway, Pres. The William Galloway Company, 103 Jefferson St., Waterloo, Iowa.**

**Ten Days' Free Trial**

**Send for this Booklet**



# LANDS AND HOMES FOR SALE

## At Estevan, Saskatchewan "Rosy Promise Has Ripened Into Reality."

MEN of means may here invest surplus funds and watch dollars grow while they wait. Crops produce plenty profit. We provide renters if you wish, but you can prosper proportionately to come and sojourn among us. Renters cannot know, and pay in rents the price of homes and prosperity here. Our locality may not be the Cream of Creation, but a land of prosperity. Instead of watching our smoke at a distance, buy land, secure an Estevan snap and rejoice with us. Generous crops cause gentle smiles. At Estevan no adversity with sorrowful countenances. There is a reason why. Ask and we will explain more. Our Homeseekers' Guide and a weekly newspaper, published at Estevan, Sask., will be sent for a time (free of charge) for the asking. Each will bring to you much information of our locality. The land of profitable investment, of opportunity, of prosperity. Mention The Homestead.

THE NELS MIKKELSON LAND CO.,  
Pioneer Prosperity Promoters,  
Estevan, Sask., Canada

**California Alfalfa and Sugar Beet Land.**  
FERTILE, fertile alfalfa land, all under irrigation, in prosperous Butte County, adjoining the thriving city of Blggs. \$65 to \$110 per acre very easy terms. Five to six crops of alfalfa every season. Irrigation water, \$1.00 per acre a year. Close to schools and churches, two railroads, good roads, electric lights, etc. Not a wilderness but in the heart of a desirable community. Sugar beets on this land will pay big profits. Suitable also for peaches, grapes, figs, English walnuts and oranges. Farmers from the middle West settling this land rapidly. Now is the time to buy. Values are advancing. For a home or for profit, you cannot better it. Write for free booklet. Butte County Irrigated Land Co., Dept. 6, 1109 Post St., San Francisco, California.

## Farms Near Omaha Market

WHITE for particulars in regard to three grain and stock farms close to Omaha. 320 to 440 acres each, \$85, \$70 and \$80 per acre. Two belong to banks, owner of other one wants to move to Ohio. Desirable, cheap, must be sold. Also 650 acres finely improved near Beatrice, Neb., \$60, and 160 acres unimproved near Lincoln, \$42.

J. H. DUMONT & SON,  
905-6 N. Y. Life Bldg., Omaha, Neb.

## LAND ADVERTISING.

For additions! advertisements of farms, lands, etc., send department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

**Missouri Farms.** Write for State Map, Booklet and Weather Report. Sent Free. BAZEL J. MEEK, Chillicothe, Missouri.

**Missouri Farms For Sale.** PRAIRIE or bottom land. Write for prices and descriptions. Address, John W. Everman, Gallatin, Missouri. Branch office, Chillicothe, Mo.

**CHEAP** Irrigated Lands—Sunny San Luis Valley. Pecos, flowing artesian water; no cholera, high markets; makes hog industry most profitable. Write C. B. West, Alamosa, Colo., for free booklet.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

**TWO** 1/2 sec. fine land in Beaver Co., Oklahoma, will be sold for \$500 cash, if taken at once. Frank B. Sierre, Box 163, Texahoma, Okla.

**For Sale Cheap** 200-acre Clayton Co., Ia., stock and dairy farm. Must sell during May. Inquire Box 146, Edgewood, Iowa.

## HOT WEATHER AHEAD.

Many a housewife is wondering how she will pass through the coming summer months with the stove she well knows will make the kitchen unbearably hot—to say nothing of the dirt, dust and ashes that will add to the discomfort. There is a way out of it all—a way that not only lessens the work and keeps the kitchen cool, but that also reduces fuel expense. This convenience, comfort and economy is all effected by the New Perfection wick blue flame oil cook stove, an oil stove so superior to other makes that it is fast replacing the coal and wood range, the old-fashioned oil stove, and in many cases the gas stove. The New Perfection gives a strong working flame at moment of lighting. "Blue flame" means the hottest and cleanest flame produced by any stove. The flame is always under immediate control and can be raised or lowered instantly. The convenience of this will be understood when it is considered that while the flame of one burner is boiling the kettle or roasting a large joint, that of another can be reduced to simmering point—in this way enabling the housewife to cook a variety of dishes at one time. On washing and ironing days the comfort and convenience of the New Perfection will be greatly appreciated. It gives heat results in the least time, and does away with all coal and wood carrying and the many other disagreeable jobs that have to be done with other stoves. The New Perfection is made in three sizes with one, two and three burners, and is warranted to give full satisfaction. Another home comfort is the Rayo Lamp, which produces a light of unusual brightness, yet soft and mellow—a light that will not hurt the eyes. The Rayo Lamp can be used in any room. It is highly ornamental and beautifully nicked. Every lamp is warranted. The New Perfection wick blue flame oil cook stove and the Rayo Lamp are two real essentials to home comfort. Their easy operation, absolute safety and handsome appearance commend them wherever stoves and lamps are used. Inquire at your local dealers. See page 15.



## Last Mountain Valley SASKATCHEWAN

affords the investor, as well as the settler, unparalleled opportunities to make their money earn more money. Good rainfall, rich soil, splendid water, abundant fuel for all purposes, make this an ideal district for location. Invest your money in

## Canadian : Wheat : Lands

Send 15c for our beautiful, new photographic souvenir, entitled "The lake and the Land of the Last Mountain Valley," which is not only a work of art, but a book of authentic information. With this Souvenir we also send the 20th Century Atlas of Canada. Maps, Descriptive Matter, etc., on request.

WM. PEARSON CO. Ltd.

307 Northern Bank Building, Winnipeg, Man.

## WESTERN CANADA PRAIRIE LANDS

Today WESTERN CANADA is a country of substantial homes, profitable farms, growing cities and villages; in all this magnificent country there is no land equal to that in the districts of The Famous Saskatchewan Valley, The Great Quill Lake Plains, The Goose Lake District, The Yorkton District. In these Districts we own and control Over 500,000 Acres from which you can make your own selections.

These lands will produce 30 to 50 Bushels of A No. 1 Hard Wheat to the Acre, in fact the actual average for the past few years has been more than double that of Minnesota the greatest wheat producing State in the Union. With wheat selling at present prices, it is not much of a mathematical problem for the farmer to figure the enormous profits to be made from this land that will produce more wheat and of higher grade than land costing five to ten times as much per acre.

History will repeat itself and these lands will in a few years be worth as much as they are today in Minnesota, Iowa and other States. The saying is "Opportunity Knocks But Once at every Man's Door." It is knocking at yours now. Will you take advantage of it? Send for Free Maps, descriptive matter, etc.

STEWART & MATHEWS CO., LTD., 187 Water St., WINNIPEG, CANADA, 305 Jackson St., ST. PAUL, MINN.



## WE HAVE A FARM FOR YOU

You can choose it from over 100,000 acres of the best land in the world,

You may be making money easy now but you can make it easier and quicker in

## Sunny Southern Alberta

Let us tell you how hundreds of American Farmers have grown rich in from three to five years in Alberta by making a double profit on their lands and crops.

Land in Alberta has just begun to advance. If you buy now you are sure to double your investment in the next two years, and you only have to pay a small portion of the money down. Your land will produce enormous crops to sell on good markets while its value is going up.

We will sell you a farm at a price to fit your pocketbook.

THE CANADIAN-AMERICAN LAND & INVESTMENT CO., LTD.  
Room 14 Burns Block, CALGARY, ALBERTA, CANADA.

**HAVE YOU SEEN SMITH?** W. F. SMITH REALTY CO., OF KEARNEY, NEB. WE SELL THE EARTH Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today. W. F. SMITH REALTY CO., KEARNEY, NEBRASKA

**READ "HURD'S PIPE DREAMS"** Write for Free Copy. About the best cheap lands in Texas Coast Country and beautiful Alamo Beach. Agents wanted. Fidelity Immigration Co., 1046 Union Ave., Kansas City, Mo.

**TO EXCHANGE:** Good 10-room residence, three feed mill, in central Iowa, county seat town of 3,000 population. Exchange for land, city property or merchandise. Box 148, Independence, Iowa.

**TO THE LANDSEEKER.** PLEASE write for up-to-date list select western Iowa, South Dakota farms. Lowest prices from owners direct. S. R. Lucas, Anthon, Iowa.

**TO EXCHANGE:** Good 640-acre farm in Wilkin county, Minn.; 483 acres in Union county, Wis., both improved. Want smaller farm, livestock or city property. Box 151, Independence, Iowa.

**FOR SALE:** A few choice quarter sections. Free homesteads adjoining for right parties, on the new railroad N. Dakota and Montana. Address, 918 Security Bank Building, Minneapolis.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

## TAKE A TRIP TO SHREVEPORT

Next Excursion April 16.

YOU can buy good farm lands at \$5 to \$15 per acre. They will rent for \$3 to \$10 per acre yearly. Where can you heat this? Good schools, good churches, good climate and good water. Write today for free literature, booklet and folder telling all about this wonderful country.

E. N. BROWN, President,  
Kansas City Southern Land and Immigration Co.,  
652-654 Beals Bldg., Kansas City, Mo.

**FOR SALE OR EXCHANGE:** 240-acre east-side of improved farm, gives full descriptions of a big list of fine farms in the richest part of Iowa. Also some for rent and to exchange for other property. Northern Iowa Land Co., Independence, Iowa.

**DON'T COME TO VIRGINIA!** 500 Special Bargains in Farms. Northern farmers send for new catalog. Learn about this country. Southside Realty Co., Inc., (Successors to Percival Bros.) Petersburg, Virginia.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

## MINNESOTA STATE SCHOOL LAND SALES

### Great Opportunities to Secure Homes

At the following times and places I will hold sales of School and Other State Lands.

	ACRES
June 11, Grand Rapids, Itasca Co.	35,000
June 12, Duluth, St. Louis Co.	35,000
June 13, Carlton, Carlton Co.	21,000
June 14, Aitkin, Aitkin Co.	35,000
June 15, Brainerd, Crow Wing Co.	21,000
June 17, Bagley, Clearwater Co.	15,000
June 18, Bemidji, Beltrami Co.	20,000
June 19, Walker, Cass Co.	20,000
June 20, Park Rapids, Hubbard Co.	17,000
June 21, Wadena, Wadena Co.	15,000
June 22, Long Prairie, Todd Co.	8,600
June 24, Hallock, Kittson Co.	25,000
June 25, Warren, Marshall Co.	3,000
June 26, Crookston, Polk Co.	3,000
June 28, Roseau, Roseau Co.	30,000
July 1, Red Lake Falls, Red Lake Co.	5,000
July 2, Detroit, Becker Co.	23,000
July 3, Pine City, Pine Co.	10,000

**TERMS.**—These lands will be sold at public auction to the highest bidder. Fifteen per cent of the purchase price must be paid at the time of sale. The balance may run for 40 years at 4 per cent annual interest if desired. The title to all state land is perfect. Valuable illustrated book on Minnesota lands free; also list of lands offered.

SAMUEL G. IVERSON  
State Auditor St. Paul, Minn.

## New Wheat Lands In the Canadian West

5,000 additional miles of railway this year have opened up a largely increased territory to the progressive farmers of Western Canada, and the government of the Dominion continues to give one hundred and sixty acres free to every settler.

**The Country Has No Superior**  
Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low; climate the best in the Northern temperate zone. Grain-growing, mixed farming and dairying are the great specialties.  
For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent  
W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb.  
E. T. Holmes, 915 Jackson St., St. Paul, Minn.

## Virginia Farms of Value.

- (1) Magnificent estate, 1,000 acres, gently rolling, productive in grass and grain. Historic colonial style buildings. Glorious views. Close to city. In a beautiful country. \$100,000.
- (2) Genuine blue-grass farm, 1,664 acres, nearly all in sod. Easy reach of Washington. In the horse, cattle and sheep region. \$53,000.
- (3) Grazing farm of distinction in southwest Virginia, 1,000 acres, 700 now in Kentucky blue-grass sod. A money-making proposition. \$35,000.
- (4) Tidewater home of beauty, 600 acres, improved by colonial dwelling, 130 feet long, 18 rooms, in excellent condition. Lawn 8 acres, handsomely shaded. Six acres of orchard. Property overlooks Chesapeake Bay. Good bathing, boating and hunting. Oysters in abundance. Price, \$55,000.

Register of 160 farms free. Ten hunting preserves.

H. W. HILLEARY & CO.,  
Charlottesville, Virginia

## Guaranteed Dividends A CHOICE INVESTMENT.

HANDSOME album containing photographic views and full particulars of our 400 acre Peach orchard in the famous Ozark fruit belt, Oregon Co., Mo., mailed free upon application. \$2.50 per month for 20 months secures you a \$50 share of our stock. Guaranteed dividends pay one-half of it. Write us for full particulars. Bank references: Ozark Development Co., Stock Dept., 412 Crocker Bldg., Des Moines, Iowa.

**IOWA LEADS**—Government crop report shows that Iowa raises more corn than any other state; same with oats and live stock. Send for our new catalog of improved farms, gives full descriptions of a big list of fine farms in the richest part of Iowa. Also some for rent and to exchange for other property. Northern Iowa Land Co., Independence, Iowa.

**FARMERS, READ THIS!** If you are going to buy land in Minnesota, North Dakota or Canada, either for cash or on the crop payment plan, it will pay you to write us for prices and terms and we will tell you how to get a free ticket to see our lands. (Gillian Bros., 555 Temple Court, Minneapolis, Minn.)

**FOR SALE OR EXCHANGE:** 300 acres Mer county, Missouri, improved, good land. 248 acres Henry county, Missouri, good new improvements, productive soil. Write for description and price. Box 151 Independence, Iowa.





No. 681. Plano Body Top Buggy. Price complete \$45.00. As good as sells for \$25.00 more.

### 34 Years Selling Direct

Our vehicles and harness have been sold direct from our factory to user for a third of a century. We ship for examination and approval and guarantee safe delivery. You are out nothing if not satisfied as to style, quality and price.

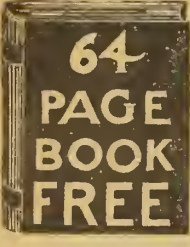
**We Are The Largest Manufacturers In The World** selling to the consumer exclusively. We make 200 styles of Vehicles, 60 styles of Harness. Send for large, free catalogue.

**Elkhart Carriage & Harness Mfg. Co., Elkhart, Ind.**



No. 313. Canopy Top Surrey with Automobile Style Seats. Price complete, \$73.50. As good as sells for \$25.00 more.

## Free Book For Men



A handsome illustrated book which explains a full about diseases of men such as **Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, Etc.**

This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. **This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today.** Same will be sent free in plain sealed envelope. Address,

**DRS. FELLOWS & FELLOWS CO.,**  
323 Rollins Bldg., Des Moines, Iowa

## No Lightning Risk!

This Keeps It Out of Your Trade Mark TELEPHONES "NO RISK"




This is our improved "No Risk" Metallic Arrester. Will cut out a metallic line or two single lines. Absolutely disconnects telephone without grounding the line wire. Leaves it free! It's the only arrester sold that gives absolutely safe protection—the only one we know of whose makers guarantee telephones against lightning. Thousands of pleased customers vouch for its merit. Pull the knob and your telephone is absolutely cut out. **SIMPLE, POSITIVE, SURE.** Protects home against fire. Keeps family safe. Book Free.

**FREE TRIAL OFFER** Just send your name and address. Our book explains everything. Tells how you can try the improved "NO RISK" Lightning Arrester FREE. Or send \$2.00 and get the Arrester at once. Fully guaranteed to protect as we say or money back. Reliable agents wanted. One man sold 300 last year, besides farming.

**W. E. ASHBY TELEPHONE CUT OUT CO.,**  
101 Square Street  
Charlton, Iowa

250,000,000  
Sheep Every Year  
Dipped In



## COOPER DIP

Has no equal. One dipping kills ticks, lice and mites. Increases quantity and quality of wool. Improves appearance and condition of flock. If dealer can't supply you, send \$1.75 for \$2.00 (100 gallons) packet to **Des Moines Drug Co., Des Moines, Ia.** Hornich, Hess & More, Sioux City, Ia. Wm. Cooper & Nephews, Chicago.

## TELEPHONES

For \$2.50

EACH freight prepaid you can buy good talking second hand series telephones that are just the thing for talking from the house to the barn or a private line to your neighbor. Not a dime for heavy farm lines. New exchange centers them where you want them.

**Van Vleet, 1906 Grand Ave., Des Moines, Ia.**

THE MARKETS.

Chicago, April 27.—Chicago Stock Yards movement of live stock, to-day's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., Apr. 20.	1,260	7	10,617	986
Mon., Apr. 22.	29,765	1,150	40,433	25,740
Tues., Apr. 23.	2,909	8,339	11,341	12,338
Wed., Apr. 24.	28,269	3,063	32,828	16,114
Thurs., Apr. 25.	9,689	2,422	25,567	4,985
Fri., Apr. 26.	1,643	723	16,791	4,747
Sat., Apr. 27.	700	10	9,500	3,500

Total this w.k. 72,975 15,707 136,480 66,524  
Previous w.k. 68,020 14,026 145,003 75,371  
Cor. w.k. 1906. 53,055 12,728 121,982 83,996  
Cor. w.k. 1905. 53,881 13,052 127,234 80,791

Shipments—

Sat., Apr. 20.	1,585	2	2,987	.....
Mon., Apr. 22.	7,779	2	8,180	5,059
Tues., Apr. 23.	3,226	95	3,349	563
Wed., Apr. 24.	5,750	45	6,225	1,180
Thurs., Apr. 25.	5,876	136	4,382	1,445
Fri., Apr. 26.	4,076	120	5,020	1,595
Sat., Apr. 27.	1,500	..	2,000	200

Total this w.k. 28,207 398 29,156 10,042  
Cor. w.k. 1906. 25,105 232 37,485 17,111

OTHER MARKETS.

St. Joseph, Mo., April 27.—Cattle—Receipts, 100; steady. Hogs—Receipts, 5,500; steady to 5c higher; top, \$6.50; bulk, \$6.40 @ 6.47 1/2. No sheep.

Kansas City, Mo., April 27.—Cattle—Receipts, 100; nominal. Hogs—Receipts, 3,000; steady; closed weak; top, \$6.52 1/2; bulk, \$6.35 @ 6.47 1/2. No sheep.

Sioux City, Iowa, April 27.—Hogs—Receipts, 3,800; 5c higher; range, \$6.30 @ 6.40; bulk, \$6.35 @ 6.37 1/2. Cattle—Receipts, 200; unchanged.

National Stock Yards, Ill., April 27.—Cattle—Receipts, 100; half Texas; steady. Hogs—Receipts, 2,000; strong; top, \$6.65; bulk, \$6.55 @ 6.60. Sheep—Receipts, 300; steady.

South Omaha, Neb., April 27.—Cattle—Receipts, 100; unchanged. Hogs—Receipts, 6,800; shade to 5c higher; top, \$6.50; bulk, \$6.35 @ 6.40. Sheep—Receipts, 500; steady.

## THE DES MOINES DAILY NEWS

### OFFERS A THREE MONTHS' TRIAL SUBSCRIPTION BY MAIL FOR 40 CENTS.

This is so cheap that The News should be in the home of every one of our readers, as all have a chance to see just how good The News is at thirteen and one-third cents a month.

The publishers will stop the paper at the end of the three months unless you decide to renew your subscription.

The News is independent in politics, publishing the news in a condensed and readable form. Daily market reports, farm news, household hints, special woman's page, sporting gossip, and in fact everything that goes to make up a complete metropolitan paper.

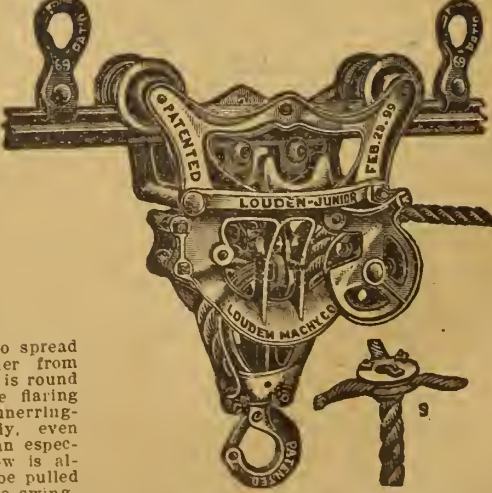
Send today to THE DES MOINES DAILY NEWS, Des Moines, Iowa, for a trial subscription, enclosing 40 cents in stamps or money order, and receive the Daily without Sunday for three months.

#### Trustworthy Help.

Two hundred dollars pays the bill for one man's labor for the busy season on the average farm. The quality of the work returned from such an investment is variable. It may be first-class or it may be of such a nature that its mention brings to mind unpleasant reflections—of wasted time and unsatisfactory results. The day is at hand when the farmer cannot plan to have too much of his work done by machinery. The same amount of money invested in a reliable gasoline engine that is required to pay the cost of keeping one man for the busy season will save an endless amount of worry and do a surprising amount of work for the farmer. The Eli two cycle gasoline engine is a machine suited especially to farm usage. It

## IMPORTANCE OF GOOD HAY CARRIERS.

Large hay makers know the importance of a good carrier. It means the raising of large forkfuls, therefore, rapid unloading, the absence of stalling or dropping back on the wagon, absence of breakage, the delivery of hay just where it is wanted in the mow and all in the shortest possible time and with least annoyance and labor for the men and the team. This Loudon Junior Carrier runs on a steel track, but can be furnished for wood track as well. The carrier itself is especially strong. There is no danger of breakage. It does not matter at what angle the fork pulley enters the carrier. It does not affect the carrier or tend to spread the wheel arms, or pry the carrier from the track. The swinging fork pulley is round topped, and the carrier has a wide flaring mouth, into which the pulley goes unerringly. The fork pulley swings freely, even when supporting the load. This is an especially valuable feature where the mow is already well filled, or the hay has to be pulled over across beams and the like. The swinging pulley prevents any danger of breaking the carrier or pulley head. One of the best things about this carrier is the patent iron knot or swivel "S" into which the end of the rope is fastened. This lets out the kinks and twists in the rope, and does away with all the bother occasioned by kinky ropes. There are no springs to get out of order. The stops are positive, and the wheels, which are chilled, run on special axles. It has been the purpose of the Loudon people to perfect a carrier which would make hay unloading easier and faster. They have it in their Junior Carrier. They make a long and excellent line of "Perfect Barn Equipments." A catalog may be had on application, which will give all particulars. Mention this paper when you write. See page 4. Inquiries should be addressed to the Loudon Machinery Company, Fairfield, Iowa.



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# Walking on Cushions



**IF YOU** had suffered long with corns, calloused places, aching, tired feet, and suddenly walked on cushions, how great would be your relief; but when you returned to the ordinary walks of life your pains would be with you still.

The ordinary shoe is stiff, hard and uncomfortable to the person so afflicted—and relief is hard to obtain. After many years of experiment and faithful tests by actual experience, we have succeeded in perfecting and producing

## Kirkendall's Cushion Soled Shoes.

These shoes provide instant relief, and more than often effect permanent cures from such torture. They are made on strictly scientific principles—made to conform to any shaped foot—made in all lasts, leathers, widths and sizes, and are a distinct revolution in the art of shoe manufacturing.

Those who have suffered for years with rheumatism have worn these shoes and experienced wonderful relief—often have been entirely cured. One can see the great benefit of always having the sole of the foot warm, dry, and at an absolutely even temperature. The feet, always being encased in shoes, are naturally tender, filled with thousands of sensitive little nerves and blood-vessels, and when suddenly chilled and kept damp and wet, it is easy to see how the entire system is effected. Wearing our Cushion Sole Shoes causes the jar of walking to be reduced, lessened and removed, and one avoids the irritated nerves and tired feet, especially when afflicted with foot troubles.

The popularity of Kirkendall's Cushion Sole Shoes is firmly established, and they are unhesitatingly recommended. Befriend your feet. Try a pair of these shoes, and be rid of your foot troubles.

If your dealer does not carry them, write us. We can then learn why, and at the same time advise you where you can get them.

**1101-1105 Harney St. F. P. KIRKENDALL & CO. OMAHA, NEB.**

### Here's a SNAP

Eight-foot galvanized steel tank for Sheep or Hogs and 5-gallon can Milk Oil Sheep or Hog Dip, free on board Chicago

Special rates on large lots. Three \$2.00 packets of Cooper Sheep Dip may be substituted for Milk Oil if preferred. 5 gallons Milk Oil Dip, without tank, \$5.00. F. O. B. Chicago.

Our line includes Summer's Worm Powders, Toxaline Worm Remedy, Ear Labels and Buttons, Branding Liquid, Tattoo Marker, Sheep Shears, etc. Illustrated catalogue of all Stockmen's Supplies free by mail.

**F. S. BURCH & CO., 177 Illinois Street, CHICAGO, ILL.**

## MILK OIL DIP

OLDEST AND BEST AMERICAN DIP

**\$12.50**

5 GALLONS



## Lightning Gasoline Engine

STATIONARY AND PORTABLE 2 TO 25 H. P.  
NEW PLAN FOR COOLING CYLINDER.  
REDUCES WATER TANK TO A FEW GALLONS.  
SEND FOR CATALOG. SPECIAL FARM ENGINES.  
**KANSAS CITY HAY PRESS CO., 621 Mill St., Kansas City, Mo.**

# LUMBER

1/2 Price

Ten million feet, all sizes, also one million feet iron pipe, machinery, plumbing, etc.

ing goods of all kinds roofing, etc. Reference, Merchants Laclede National Bank. Satisfaction guaranteed or your money refunded. Write to-day for complete catalogue and prices.

**ST. LOUIS WRECKING & SUPPLY CO., 3867 MANCHESTER AVE., ST. LOUIS.**

### REMARKABLE FREE DIP OFFER.

We have published considerable information of late upon the subject of dips and dipping. We believe every farmer should become familiar with the great advantages this modern method of ridding stock of insect parasites, and treating and preventing animal diseases. We know of nothing that costs so little which produces so much good.

Now, that the season for dipping is at hand,

### IMPORTANCE OF GOOD HAY CARRIERS.

Large hay makers know the importance of a good carrier. It means the raising of large forkfuls, therefore, rapid unloading, the absence of stalling or dropping back on the wagon, absence of breakage, the delivery of hay just where it is wanted in the mow and all in the shortest possible time and with least annoyance and labor for the men and the team. This Loudon Junior Carrier runs on a steel track, but can be furnished for wood track as well. The carrier itself is especially strong. There is no danger of breakage. It does not matter at what angle the fork pulley enters the carrier. It does not affect the carrier or tend to spread the wheel arms, or pry the carrier from the track. The swinging fork pulley is round topped, and the carrier has a wide flaring mouth, into which the pulley goes unerringly. The fork pulley swings freely, even when supporting the load. This is an especially valuable feature where the mow is already well filled, or the hay has to be pulled over across beams and the like. The swinging pulley prevents any danger of breaking the carrier or pulley head. One of the best things about this carrier is the patent iron knot or swivel "S" into which the end of the rope is fastened. This lets out the kinks and twists in the rope, and does away with all the bother occasioned by kinky ropes. There are no springs to get out of order. The stops are positive, and the wheels, which are chilled, run on special axles. It has been the purpose of the Loudon people to perfect a carrier which would make hay unloading easier and faster. They have it in their Junior Carrier. They make a long and excellent line of "Perfect Barn Equipments." A catalog may be had on application, which will give all particulars. Mention this paper when you write. See page 4. Inquiries should be addressed to the Loudon Machinery Company, Fairfield, Iowa.

## "Hits the Bulls-eye of the Rockies"

COLORADO — UTAH  
NEVADA — CALIFORNIA  
"There and Back."

Excellent Dining Car Service "Meals On Wheels—Serves you right."

Through Standard and Tourist sleepers.

### Daylight Across the Rockies

#### MIDLAND ROUTE

**F. L. FEAKINS, GENERAL AGENT,**  
219 South 14th St.  
Omaha, Neb.

**C. H. SPEERS, G. P. A., DENVER**

we wish to call your attention to one of the most remarkable dip offers ever put out by a manufacturer of this product. The Marshall Oil Company, Marshalltown, Iowa, who manufacture one of the best dips on the market, have an advertisement in this issue which every farmer who owns live stock should take advantage of. They offer to send to anyone who will fill out the small coupon in their advertisement, a five gallon can of Dipolene without asking a cent of pay in advance. They prepay the freight charges and give you permission to use it for thirty days, on any farm stock, for any disease in any way you choose. You can put it to the severest test imaginable, and if you find it is not satisfactory you can return it to them at their expense. There is no agreement to sign, no obligation upon your part to keep it if it is not satisfactory. It is an out and out straightforward offer, made solely to give every one who desires to test Dipolene an absolutely free opportunity to try it.

We urge our readers to send for this trial can. Remember, you are not obliged to keep it. You are not asked to pay a cent in advance. You are the judge in every respect. Turn to their advertisement on page 4.

**\$4.50 TWIN CITIES \$4.50**

The Minneapolis & St. Louis R. R. announce their first popular excursion to St. Paul and Minneapolis May 11th. Special train will leave Union Depot, Des Moines, 8:30 p. m. Double berths in tourist sleeper \$1.00. For tickets and berth reservation, call at City Ticket Office, 512 Walnut St., or Union Station.



## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

## LAMENESS.

I bought a horse in January with an enlarged knee. Don't know what caused it. She has been worked hard—was used in a team. She was not lame when I bought her. Is there anything I can do for her?

Blistering may benefit the case as so often suggested here or have it punctured and blistered by a veterinarian. You will find prescription for blister in almost any issue of this paper.

## DOSE OF TUBERCULIN.

In testing for tuberculosis I notice the veterinarian injecting four c. c. government tuberculin, which I thought a rather high dose, as it represents double the amount usually given. Do you think it is too much and is it harmful to a healthy cow?

You should have asked the veterinarian and he might have told you why he was using the larger dose than ordinary. It is quite a common and perfectly correct practice to inject such a dose where a cow has previously reacted to tuberculin and is being retested, or where a cow appears to be in the last stages of tuberculosis and so is less likely to respond to the injection of the ordinary dose. The tuberculin in itself would not do the cow the slightest harm and would have no effect unless she were tuberculous. We are surprised you should imagine that a graduate veterinarian would

make the mistake of injecting a dose that would prove harmful to a healthy cow.

## WARTS ON HORSES.

I have a young horse that has a wart the size of a quarter of a dollar on the eye, also one on fore leg. How may these be removed?

If the warts have narrow necks tie a small string tightly around them and they soon will fall off. Then cauterize the base with lunar caustic. If the warts have wide bases, saturate them once daily with glacial acetic acid applied drop by drop.

## BARREN MARE.

I have a black Belgian mare coming four years old, weighing 1,850 pounds, that don't come in season. Last year I fed her asafetida, which the veterinarian prescribed. She came in then, but would not come in only about once a month and would make bag and milky substance would drop from her teats for a day or so. She is a fine mare and I would like to get her started to breeding.

Give her an injection of yeast mixture once a week according to directions so often given here. A mare should not come in season more than once a month. It would be well to open the mouth of the womb before giving the first injection.

## SWELLING.

I have a valuable gelding which was kicked on the right hock joint on the outside about six weeks ago. After being kicked joint swelled some, but soon got better. One day he got loose and ran about two or three miles. Joint then swelled more than ever. He seems to lie on it quite often. Leg is swelled to hoof. He is not lame. He gets a light feed of ear corn twice per day, and plenty of oats straw. Some say not to touch it, while others say to blister it. Should he be used in hauling?

Do not blister, but after removing hair rub in a little mercurial ointment each other day and allow plenty of out-door exercise, but do not use him for hauling. He should have a large box stall when in stable.

## CHOREA OR ST. VITUS DANCE.

I have a fine mare coming four years old this spring. She seems a little crampy in the hind legs and when she stands she places her right front foot ahead. Please advise me what to do, also state cause. Would it be best to give her only light work or turn her out on grass this summer? She is a large draft mare.

The disease is incurable and is hereditary from affected ancestry. She may slightly improve if turned out on grass during the summer season. There is a possibility that it may be from weakness of the stifle, the patella of that joint slipping in and out of place. In that case a blister applied to the joint would prove helpful.

## WOUND.

I have a horse that was cut in the wire fence last July and so far have been unable to heal it. There seems to be a growth formed in the wound. I have burned it out with butter of antimony and have been using a liniment for dressing with no results. What shall I do to heal this up?

You do not state location of wound, so we are at a loss to understand probable condition present. On general principles a slow healing wound is greatly benefited by removal of hair around it and rubbing in a blister such as cerate of cantharides. Do this; then apply twice daily a little of an ointment composed of one dram each of iodoform and tannic acid in an ounce of lard. Keep horse from biting part.

## OPHTHALMIA.

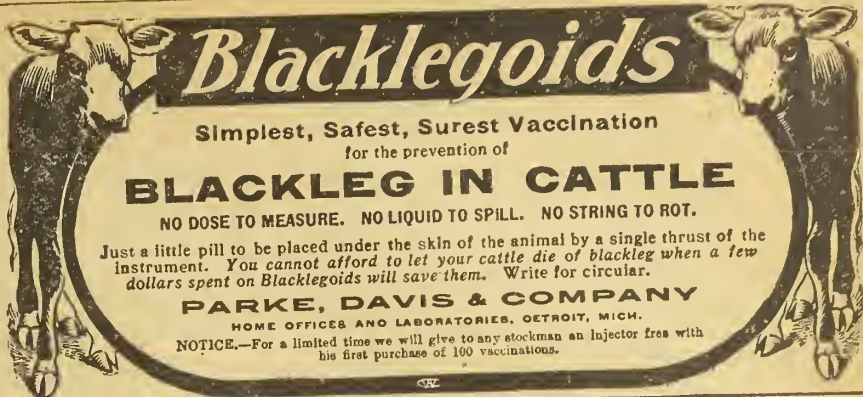
I have a six-year-old mare that has something the matter with her eyes. They keep watering all the time and the white of the eye is of a reddish color. Have been this way for six or eight weeks and keep getting worse. If you could inform me through your paper you would greatly oblige.

She probably has periodic ophthalmia which comes and goes at intervals of a month or so, is incurable and results in eventual blindness of one or both eyes. Darken stable. Sponge eyes night and morning with a saturated solution of boric acid; once daily rub eyelids thoroughly with a mixture of one part citrine ointment and two parts lanolin. An affected mare (having periodic ophthalmia) should not be used for breeding purposes, as the disease is considered hereditary.

## LAMENESS.

I have a horse which ran away last summer, and sprained its ankle severely. I put on liniment and bandaged it well. But it is still very lame and has a hard swelling around it. Is there anything that you can do for it?

The best treatment would be to have the part fired and blistered by an expert veterinarian, but if this cannot be done then we would advise you to remove the hair and blister several times, at intervals of three or four weeks, using a mixture of one dram of biniodid of mercury and two ounces of cerate of cantharides. Rub in the blister for fifteen minutes; wash it off in forty-eight hours; then apply lard daily. Tie the horse up short



## Blacklegoids

Simplest, Safest, Surest Vaccination for the prevention of

### BLACKLEG IN CATTLE

NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

**PARKE, DAVIS & COMPANY**  
HOME OFFICES AND LABORATORIES, DETROIT, MICH.

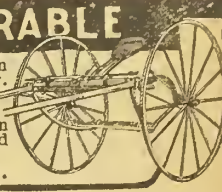
NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.

## IT'S SAFE, STRONG, SPEEDY, DURABLE

You can break colts easier with this cart. No matter what position animal gets in you can dismount instantly. Nothing to tangle legs. It's great for road use. Absolutely no horse motion. Pleasant to ride in. A "hummer" for track use. Seat can be adjusted to balance rider thus taking all load off the horse. Write quick for free descriptive booklet.

**CHAMPION CART**

**CHAMPION CART COMPANY, 107 Cavin St., Ligonier, Ind.**



so that he cannot lie down or bite the part while the blister is acting.

## COUGHING HORSE.

I have a mare nine years old that began to cough badly in January. The cough does not seem to yield itself to treatment, as I have been giving a cough medicine with little benefit. Can you tell me how to cure her? She is getting worse and has a poor appetite.

Wet all food and give her an ounce of glyco-heroin three times daily with syringe in mouth. Increase the number of doses daily if necessary. See that stable is kept clean and perfectly ventilated and make sure that there is no foreign body lodged at back of mouth or in tongue or that teeth are not causing the irritation.

## EYE DISEASE.

I seek your advice in regard to a Hereford cow. The entire length of lower eye lid is sore. The inner corner has been eaten away. A week ago I commenced caring for her eye. I have been irrigating the eye with warm water in which a little borax has been dissolved, then anoint the lid with ointment of zinc oxide. In order to have ointment reach every part of sore I warmed it; this allowed it to spread over the eye ball. Should I continue the ointment? Is there any danger of it injuring the eye? Each morning there has been a yellowish discharge from the cavity until today there was very little if any. Any advice you will kindly give with regard to best treatment will be most thankfully received and faithfully followed.

We fear that the disease is "fungus haematodes," which is cancerous and incurable. In that case the eyeball gradually will become involved and then the bones of the orbit. As the disease progresses the animal becomes emaciated and then cannot be slaughtered as fit for food. The treatment so far has been intelligent, but we would prefer to sponge the eye twice daily with a saturated solution of boric acid and painting the red sores every other day with a solution of three grains of nitrate of silver in an ounce of distilled water. If the condition is seemingly doing well when this reaches you do not change treatment, but if it has not improved then change to above prescribed treatment.

American lovers of roast fowl must give up their fancy for yellow legs or forego the choicest of table poultry. The yellow leg business is a nonsensical fancy. The uneducated gourmand who calls for yellow-legged chickens would never think of calling for yellow-legged quail or turkey, or canvasback duck. The choicest of all our wild game fowl do not have yellow legs.

## WHOLE FAMILY CURED

Of Eczema, Heat Rash, and Falling Hair—Different Ones Troubled.

## CUTICURA PROVES INVALUABLE

"My wife had eczema on her face for five or six years. We had read so much about Cuticura Remedies that we thought we would give them a trial. We did so, and it has now been about four years, and she has never had a sign of eczema since. I myself used Cuticura Soap and Cuticura Ointment some time ago for falling hair. I now have a very heavy head of hair and it does not fall out. We used Cuticura Remedies for our baby, who was nearly bald when young. She has very nice hair now. She is very fleshy, and we had so much trouble with heat that we would bathe her with Cuticura Soap and then apply Cuticura Ointment, it would dry the heat up so much quicker than anything else. Mr. H. B. Springmire, 323 So. Capitol St., Iowa City, Iowa, July 16, 1905, and Sept. 16, 1906."

## Fistula and Poll Evil

Any person, however inexperienced, can readily cure either disease with

### Fleming's

#### Fistula and Poll Evil Cure

—even bad old cases that skilled doctors have abandoned. Easy and simple; no cutting; just a little attention every fifth day—and your money refunded if it ever fails. Cures most cases within thirty days, leaving the horse sound and smooth. All particulars given in

**Fleming's Vest-Pocket Veterinary Adviser**

Write us for a free copy. Ninety-six pages, covering more than a hundred veterinary subjects. Durable bound, indexed and illustrated.

**FLEMING BROS., Chemists, 210 Union Stock Yards, Chicago, Ill.**



## PROF. DEAN'S KING CACTUS OIL

### THE BEST LINIMENT FOR MAN OR ANIMAL

CURES CUTS, SPRAINS, BURNS, BRUISES, SCALDS AND ALL EXTERNAL HURTS.

15c, 50c, and \$1 Bottles, \$3 and \$5 Cans at Druggists.

**OLNEY & MCDAID, MFRS. CLINTON, IOWA.**

## ABSORBINE

Cures Strained Puffy Ankles, Lymphangitis, Bruises and Swellings, Lameness and Allays Pain Quickly without Blistering, removing the hair, or laying the horse up. Pleasant to use. \$2.00 per bottle, delivered with full directions. Book 5-C, free.

**ABSORBINE, JR.,** for mankind, \$1.00 Bottle. Cures Strains, Gout, Varicose Veins, Varicocoele, Hydrocele, Prostatitis, kills pain.

**W. F. Young, P. D.F., 40 Monmouth St., Springfield, Mass.**

## ...CURES... FISTULA, POLL EVIL.

40% of cures made by 1 bottle, 22% of cures made by 2 bottles, 15% of cures made by 3 bottles, 13% of cures made by 4 bottles. Price, postpaid, 50 cents. Treatise free upon application.

**CLOUSE & STAMM, Chemists, 228 S. STATE ST., GENESE, ILL.**

"I cured eight horses of fistula with the above remedy."—Norman Shearer, Supervisor of Munson Township, Geneseo, Ill., May 19, 1906.

## HEAVES CURED!

A remedy for lung, throat and wind troubles. Cures Heaves, Coughs, Dislemper and Indigestion. Veterinarians use and recommend.

### PRUSSIAN REMEDY CO. ST. PAUL, MINN.

**HEAVES POWDERS**  
Druggists will get them. Price 50c at dealer, 60c by mail. Send for Free book.



## NEWTON'S HEAVE AND COUGH CURE


A VETERINARY SPECIFIC. 15 years' sale. One to two cans will cure Heaves. \$1.00 per can. Of dealers, or express prepaid. Send for booklet. The Newton Remedy Co., Toledo, O.



## A. S. ALEXANDER, V. S. MADISON, WIS.

Veterinary Editor The Homestead. CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

The Homestead and the Homemaker \$1.25 per year.



**Warranted to give satisfaction**

## GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and positive cure for

Curb, Splint, Sweeny, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

**THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.**

## SECURITY GALL SALVE

POSITIVELY HEALS SORE SHOULDERS

SORE NECKS OR BACKS ON HORSES AND MULES

IT HEALS THEM ANYWAY IN HARNESS, UNDER SADDLE OR IDLE

IF NOT SOLD IN YOUR TOWN WE WILL SEND YOU FREE SAMPLE, if you send us the name of your dealer.

Put up in 25c, 50c and \$1.00 Cans

**MONEY BACK IF IT FAILS**

**SECURITY REMEDY CO. MINNEAPOLIS MINN.**

FOR BARB WIRE & ALL CUTS USE

**SECURITY ANTISEPTIC HEALER**

## "STOP RUNAWAY"

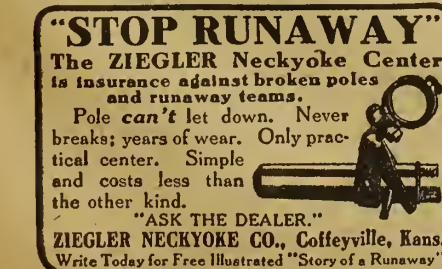
The ZIEGLER Neckyoke Center is insurance against broken poles and runaway teams.

Pole can't let down. Never breaks; years of wear. Only practical center. Simple and costs less than the other kind.

"ASK THE DEALER."

**ZIEGLER NECKYOKE CO., Coffeyville, Kans.**

Write Today for Free Illustrated "Story of a Runaway"



**LUMP JAW CURE** and other recipes, worth \$100, price \$1. Warranted by an experienced farmer. Geo. W. Burns, Clinton, S. D.



## Dates Claimed for Live Stock Sales.

## ABERDEEN ANGUS.

May 28, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa.  
L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill.,  
M. A. Judy, Mgr.  
June 18, H. A. Cole, at Des Moines, Iowa.  
June 25-26-27, L. H. Kerrick Est., Bloomington, Ill., W. C. McGavock, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

May 22, R. H. Hadley, New Providence, Ia.  
May 22, Carpenter & Ross, Mansfield, Ohio.  
May 23, Forbes-Prater-Ayres-Hanna, at Chicago, Ill., W. C. McGavock, Mgr.  
May 27, Combination Sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
May 28, Henry Kuper, Humboldt, Neb.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 11-12, F. O. Lowden, at Chicago, Ill.  
June 13, Thomas, Jameson & Mitchell, Allen, Kan., at Kansas City, Mo.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Viuton, Iowa.  
Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 14, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 29, John Rasmussen, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

## HEREFORDS.

May 8, 9, Hereford combination sale, South Omaha, Neb., W. N. Rogers, McCook, Neb., Mgr.  
May 15, Mrs. C. S. Cross, Emporia, Kan.  
June 18, Hood & Baker, Dunlap, Iowa.

## POLAND CHINAS.

Oct. 10, W. D. Fulton, Villisca, Iowa.  
Oct. 16, John Blaine, Pawnee City, Neb.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.

## POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

## RED POLLS.

June 12, W. H. Lake, Hampton, Neb., H. F. Stubbs, Bradshaw, Neb., at Lake farm.

## DUROCS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Oct. 23, Risser Bros., Sanborn, Iowa.  
Oct. 26th, J. A. Russell & Son, Cornling, Iowa.  
Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.

## O. I. C. SWINE.

Oct. 10, J. S. Kennedy, Blockton, Iowa.

POLAND CHINAS AND DUROC JERSEYS.  
Oct. 19, E. A. Olive, Scranton, Iowa.

## FIELD NOTES.

Hereford bulls are offered for sale by A. F. Hagar, Avoca, Iowa.

Red Polled bulls and heifers are offered for sale by H. N. Hansen, Exira, Iowa.

G. C. Harrison, Blencoe, Iowa, is offering some good Percheron stallions for sale.

C. M. Dewey, Shannon City, Iowa, is offering some Duroc Jersey boars for sale.

Mr. R. J. Harding, of Macedonia, Iowa, reports 125 fine little Durocs, and at the rate they are making headway in the world he should have something attractive later.

For October Duroc Jersey boars sired by a grandson of Ohio Chief write if you are in the market for such to Comer & Gilliland, Carlinville, Ill. These boars are represented to be of a nice cherry color, heavy boned and lengthy, with correspondingly good lines. Write these parties, mentioning this paper. See page 26.

Risser Bros., Sanborn, Iowa, owners of the Pleasant View herd of Duroc Jersey swine, write that their spring crop of pigs from their best bred sows are a promising bunch. In this herd will be found the blood of all the leading families of the breed. Remember the fall sale which these breeders will hold October 25th.

Mr. Henry Lefebure, who is widely known as an importer and breeder of Belgian horses at Fairfax, Iowa, is now on the way to Belgium, where he expects to select a choice collection of stallions for importation about July first. His trade the past few months has been such that he is practically all sold out. Buyers should watch for his later announcements.

A berdsman is wanted by Mr. O. O. Smith, of Des Moines, Iowa, for a good herd of Short-horns. At the head is a son of Whitehall Marshall and from the rest of the herd can be selected a very good herd which Mr. Smith wishes to fit. Here is nice location, within easy reach of the city. Farm is well equipped to care for herd. Write, mentioning The Homestead.

Mr. W. M. Mercer, of Aurora, Ill., is offering 100 extra early Chester White March pigs for sale in his new advertisement that appears on page 27 of this issue. In furnishing copy Mr. Mercer writes: "The favorable weather of March gave our spring crop an unusually good start and we shall keep them going until they are all gone,

which was accomplished last year by November 1st."

Polled Durham bulls are offered for sale by James Wilson & Son, Avoca, Iowa.

Short-horn bulls and Duroc Jersey sows are offered for sale by James T. Dollison, Sac City, Iowa.

A few very choice young Scotch bulls are offered for sale by C. W. Daws & Son, Harlan, Iowa.

Poland China fall boars of the profitable type, not the roly-poly sort, are advertised by Mr. L. S. Fisher & Sons, of Edgewood, Iowa. These pigs are growthy and are all out of mature sows. They are sired by Enough Perfection and Preamble. Prices will be quoted to any breeder interested if they will mention this paper and address as above. See page 24.

Messrs. J. A. Russell & Son, Corning, Iowa, writes that their spring crop of pigs is very promising. Their two Ohio Chief litters are right on the mark as well as a litter of eight lusty ones by Crimmon Wonder Again. A number of Orion sows have litters by Tip Top Notcher, Jr., and with over a hundred pigs thus far there should be some good picking for buyers in this herd.

Pertaining to his recent advertisement of Percheron mares Mr. E. C. Gwinner, of Hol-drege, Neb., writes that he was flooded with inquiries from as many as six states and sold his mares in short order. Mr. W. S. Waters, of Stanford, Neb., was a heavy purchaser. Those looking for a black Percheron stallion, two years old, should be able to make a deal with Mr. Gwinner, as he has a fine one suiting that description. Write him about this, mentioning The Homestead.

Mr. S. J. Philson, breeder of Improved Chester White swine, offers on page 27 a few good gilts at exceptionally low prices, as his time is now being taken up by the new crop of pigs and he wishes to reduce the herd somewhat. These gilts are in nice condition and are bred to Crescent Rex by Norway Chief, sweepstakes hog at the Nebraska state fair, for June farrow. Further particulars may be had by addressing this breeder as above, mentioning The Homestead.

Maasdam & Wheeler, Fairfield, Iowa, report splendid winter sales of Percheron mares and stallions and wish to advise horsemen that they have on hand a few high-class mares already bred and a few with colts at side. Some time in June a new importation of twenty head each of stallions and mares will arrive and prices will be quoted to buyers later on. First come, first served, so buyers should be on the ground to get the best, although the importation will be one of uniform excellence. Mention this paper in writing this advertiser.

Mr. F. Rabaler, Leigh, Neb., owner of one of the very best herds of large improved English Yorkshires in this country, writes as follows: "I have a grand lot of pigs this spring and they have been doing fine. The first of my spring pigs were old enough to be shipped, and I have shipped quite a few already. I am entirely sold out of bred stuff, and they went very fast this year. I had them all sold by the first of March and could have sold more if I had had them. I will have some splendid boars and sows to offer the trade later in the season."

Mr. Ernest L. Mear, of Neponset, Ill., has had unusually good luck with his spring pigs this year. He saved over 100 of those farrowed during March and will be pleased to book orders for these pigs to be delivered a little later in the season. Mr. Mear has always used good boars and many bred by him are being used at the head of good herds throughout the entire country. He can supply readers of this paper with herd boar material in a number of extra good fall pigs at reasonable prices. Write him as per the announcement on page 27 of this issue for description and prices.

Mr. H. B. Loudon & Son, of Clay Center, Neb., are offering a choice lot of fall boars for sale at very reasonable prices, and among them are pigs that are very prospective show animals. They are growthy and are from prize-winning strains, most of them being sons of the great Jumbo's Perfection, first prize boar at the Nebraska state fair two years in succession and being good enough to win third in his class at the world's fair at St. Louis. They also have a good one or two by Hambletonian, the first prize yearling at Nebraska in 1904. If you are in the market for anything in this line write them and see what they have to offer.

W. J. Prather, Russell, Iowa, is offering some well bred Duroc Jersey boars for sale. Three of these are fall boars and are sired by Tom Davis, the second prize Iowa state fair boar formerly at the head of his herd. The two yearling boars are sired by Proud Advance and Top Notcher Again. He is pricing these boars very reasonable, providing they are taken soon. He has about seventy-five spring pigs, sired by the Iowa state fair sweepstakes boar, Crimmon Wonder Again, Long Alix, the Kentucky boar Commodore, also by a son of Advancer and a son of Proud Advance. If anyone wants a yearling or a fall boar write Mr. Prather.

A herd of Poland China hogs that is fast gaining a foothold in Nebraska is that of Mr. John Schmal, of Sutton, Neb. He has not been engaged in this business as long as some, but by his good care and proper knowledge of mating hogs to produce the best results he has at last built up one of the best herds in the state. At the head of this herd we find the great boar Dude's Wonder, a son of old Nemo L's Dude and one of the good boars of the breed. He is a very smooth fellow with a good arched back that is always pleasing to the eye of the good breeder, a splendid spring of rib carrying a good even width from end to end. He has a splendid head and ear, good bone and stands well on his feet. He is proving a good breeder as his get will show on the farm at the present writing. In selecting the brood sows for this herd Mr. Schmal has purchased nothing but the very best of the most popular strains. One of the good sows now in this herd is Schmal's Pride, a daughter of Mogul, the prize winning hog at the Nebraska state fair. This sow now has a fine litter by Dude's Wonder. Susie Perfection, a daughter of Perfection L. & W., he by L. & W.'s Perfection, is another of the good ones. This sow also has a fine litter by Dude's Wonder. There are now about seventy pigs on the place and it might be well to get your order in early if



This is Huttig.

through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the Island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

**H. W. Huttig**

PRESIDENT

# I Stand Back of Huttig's Rubber Roofing

WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

I GIVE you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE.

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap.

Now, here's how I feel about it. If you have used for roofing—

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you my booklet B and special ironclad Roofing Guarantee. Write me personally, and do it to-day.

**HUTTIG MANUFACTURING CO.,**

707 East Second Street, Muscatine, Iowa.

you want a choice Dude's Wonder pig. Write Mr. Schmal and find out what he has to offer.

One hundred thousand red cedars, one year and two-year-olds, are offered for sale by Garland & Fowler, Afton, Iowa.

A registered Percheron stallion is offered for sale by Mr. W. C. Pollock, Arion, Iowa. He will weigh 1,700 pounds and is priced at \$700.

Northern grown seed corn of the latest varieties, and sold under the Holden test, is offered for sale by the Gateway Nursery Co., Le Mars, Iowa.

Lump jaw cure and other valuable recipes for farm animals is offered by Mr. Geo. W. Burns, of Canton, So. Dak. Send \$1, mentioning this paper.

Percheron and French draft stallions and mares are offered for sale by C. T. Gollehon, Blair, Neb. He also has some Kentucky and Missouri jacks for sale.

A splendid gray Percheron stallion weighing 2,200, and all right in every way, is offered for sale by Mr. J. S. Golder, of Scribner, Neb. He is a good one and should be seen to be appreciated.

A splendid young Scotch bull, a Cruickshank Victoria, and a son of Imp. Scottish Pride, is offered for sale by the Ardmore Stock Co., Holstein, Iowa. It will pay anyone wanting a herd bull to go and see this fellow.

In this week's issue of The Homestead will be found the advertisement of Mr. August Voge, Portsmouth, Iowa, who has a number of good fall Duroc Jersey boars for sale, sired by Red Knight Again, a son of the noted sweepstakes boar, Red Knight. He also offers some yearling sows for sale sired by Crimmon Wonder I Am II, third prize Iowa State Fair boar, and also a few by his old herd boar, Perfection Boy. Mr. Voge is one of the good Duroc Jersey breeders, and he will ship you a good hog.

Mr. R. C. Poston, Corydon, Iowa, one of the good Duroc Jersey breeders in southern Iowa, reports the arrival of eighty spring pigs, and expects about sixty more before his sows get through farrowing. His present crop will be sired by Ohio Chief, Kan't Be Beat, Tip Top Notcher, all well known and famous boars. He will also have pigs by a grandson of old Kan't Be Beat and a son of Arion. He has ten Junior Jim gilts in the herd and quite a number of Orion bred sows. Mr. Poston has been one of the very best buyers the past two years, and he has secured the very best. He had some good things to offer the trade last year, but will be in a better position this fall to cater to his trade. We will have more to say about his herd later in the season.

Messrs. Comer & Gilliland, of Carlinville, Ill., proprietors of the Village Stock Farm, are offering a few very good fall boars for sale in their new advertisement on page 26 of this issue. These gentlemen have one of the best herds in the middle West, both from the point of breeding and the individual merit of their stock. The boars which they have for sale at this time are sired by Carlinville Chief, a grandson of Ohio Chief and are out of one of the best daughters of Kan't Be Beat. This cross is one of the most fashionable of the breed and at the price asked the stock cannot be duplicated. There are others sired by Jay's Onward, a litter mate to Gold Cloud, the champion boar at the Illinois State Fair 1904, and now at the head of Messrs. Fred Kraschel & Son's herd, at Macon, Ill. Write these gentlemen if you mean business and are in the market for a fall boar. Kindly look up the advertisement and mention The Homestead when writing.

Messrs. H. B. Moats & Son, Villisca, Iowa, report a saving of about fifty spring pigs, together with a nice bunch of fall stuff. Everybody in southern Iowa knows the Moats herd of Poland Chinas, and it is one of the herds that has produced some good hogs. Big Perfection, one of the great boars in his day, formerly headed their herd, and he did much to bring their herd to the front. They are now using one of his sons, as well as a son of the noted sweepstakes boar, G's Perfection. Their old boar, Shamrock, considered one of the well-bred sires in the state, still holds the forth at the head of the herd, and he has become well and favorably known as a sire of high class stuff. The firm of H. B. Moats & Son is one of the most reliable Poland China firms in the state, and when you make a purchase from their

herd you can always depend upon what they tell you. Later in the season we will tell our readers more about what they have for sale.

Puro-bred Black and White Langshans, Light Brahmas and Mammoth Bronze turkeys is the kind that Mrs. S. E. Newell, Audubon, Iowa, offers for sale. Can supply eggs from any of the above breeds.

On page 24 of this week's Homestead will be found the advertisement of J. D. McDermott, Wiota, Iowa, who owns one of the most select herds of Short-horn cattle in the state. His herd is a practically Scotch herd, being headed by the massive roan bull, Imp. Fashion Favorite 149580. Mr. McDermott is now offering a red yearling Scotch bull for sale, a son of Imp. Fashion Favorite and out of Imp. Jilted Maid by Imp. Golden Fame. He is pricing him right and any one wanting a young Scotch bull at a reasonable figure had better go and see this fellow. He also has a number of younger bulls that he would price to any one wanting them. Among these is a light roan, a son of Imp. Fashion Favorite and out of an imported cow that is strictly all-right. He is not caring whether he sells this fellow or not, as he would rather grow him out. He will make a great herd bull some of these days, as he is full of quality, and shows much promise. When writing to Mr. McDermott kindly mention Iowa Homestead.

Messrs. Taylor & Jones, of Williamsville, Ill., in reporting the favorable sales which they have been making, write us: "Recently we sold to Mr. L. E. Brown, of Delavan, Ill., a fine imported Percheron. Mr. Brown had been looking for a long while for the kind of a Percheron he wanted and found him only when he came and looked through our barns. Messrs. Mershen & Moffat, of Newton, Iowa, get another fine imported Percheron, while Messrs. McNeill & Co., of Chandlerville, Ill., get one of the very best imported Shire stallions we have sold in a long while. He was a great prize winner in England at the London shows. Mr. T. M. Davin, of Tower Hill, Ill., buys a good American-bred Percheron, and Messrs. J. W. Parlier & Co., of Maroa, Ill., buy an imported Shire that will be a hard one to beat. Dr. Thos. Blair, of Lyons, Ohio, gets a good American-bred Percheron, as does Mr. Geo. W. Kline, of Culver, Ind. Mr. Jos. H. Roth, of Eureka, Ill., purchased an imported Belgian and Mr. J. D. Fillion, of Toledo, Iowa, gets an imported Shire that was in our last importation."

W. D. Fulton, Villisca, Iowa, is one of the well known breeders of big Poland Chinas in southern Iowa, who still holds to the big boned type of hog. This year he has seventy-five spring pigs with a few sows to farrow yet. He also has about thirty fall sows and boars, and these he will put into his fall sale which will be held October 10th. Mr. Fulton has three Giantess sows in his herd, and two of these have litters of pigs by his new herd boar Prince I am 36349 and the other will farrow to him in a few days. The fall stuff are sired by Miller Boy, a boar bred by John Miller, and one of the big fellows. Prince I am, Mr. Fulton's herd boar, is the best boar he has ever owned. He is a son of old Guy's Price and is out of a daughter of Lady Hammond. He was first and sweepstakes boar at the Aurora, Neb. fair, one of the strong western shows. His sire won first and sweepstakes at the Nebraska state fair in 1903, and the sweepstakes boar at the same show in 1906 was out of a half sister of his. He is a hog that will weigh 800 pounds and has a lot of smoothness for a boar of his size. His pigs look good and he shows every evidence of being a good breeder. Mr. Fulton will show a good bunch of his stuff when his sale time comes around.

## SHORT-HORN BULLS.

A good bunch of heavy boned and growthy young Short-horn bulls are offered for sale by A. B. Clark, Wayne, Neb. He can fill a car load lot if wanted.

## 1907 EGG RECORD FREE.

Along with every purchase of Lee's Lice Killer will be given an egg record free. This is an inducement to interest poultry raisers in this valuable poultry compound which is guaranteed to destroy lice, mites and vermin of every description on poultry. It may be applied as a paint or spray to the roosts and walls with very little trouble or inconvenience. Prices are popular and any of

**HAY TOOLS**

Buy your Hay Tools direct from the factory and save money. Get them at first hand—at first cost. Get your hay up in half the time with our hay tools. Send for free book.

**FROM FACTORY TO FARM**

CANTON FOUNDRY & MACHINE CO.,  
614 Eighth St., Canton, Ohio.



May 2, 1907.]

# PILES

## FISTULA--NO MONEY TILL CURED

**T. F. White, Dry Goods and Gent's Furnishings, Keytesville, Mo.,** writes: "Oct. 20, 1904. About one year ago I was treated by you and I am entirely well and have not been troubled in the least since treated. I will take pleasure in recommending you to all who suffer with Piles. The treatment is very light compared to the suffering of Piles and 'no cure no pay.'"

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

**DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.**

## Cut Out and Send This!

**DRS. THORNTON & MINOR,**  
1010 OAK STREET, KANSAS CITY, MO.  
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....  
Town..... State.....

our readers will find Lee's Lice Killer a very convenient poultry mixture to have on hand. Send for the egg record today, addressing your inquiry to George H. Lee Company, Omaha, Neb.

### HEREFORD BULLS.

Twenty bulls ranging in age from one to three years of age and ten two-year-old heifers are offered for sale by W. W. Wheeler, Harlan, Iowa.

### SPORTING AND PET LIVE STOCK.

The Mount Penn Kennels, Reading, Penn., is a firm which imports and breeds thoroughbred sporting and pet dogs, ferrets, rabbits and pigeons. They will handle your order promptly and will send a big catalog on request. Address as above mentioning this paper.

### SHIRT WAISTS POPULAR.

Most of our lady readers will be very much interested in an offer which the Ladies' Emporium, 820 W. Walnut St., Des Moines, Iowa, make on page 15 regarding ladies' shirt waists. This garment is growing in popularity every year and the Ladies' Emporium is offering some especially attractive waists at very low prices.

### ALFALFA AND SUGAR BEETS

grow most luxuriantly as well as peaches, grapes, figs, oranges and nuts in the California lands that are being advertised on page 19. Farmers from the middle West have learned the fruitfulness of this locality, which is Butte county, near the town of Briggs, and are fast settling the farms. For free booklet write Butte County Irrigated Land Co., Dept. 6, 1109 Post St., San Francisco, Cal.

### IN EVERY MAIL

Among the letters which the manufacturers of "Chamberlain's Perfect Chick Feed" are receiving daily are ones which indicate the popularity of this food for poultry in the following lines: Dear Sir:—Please ship me 500 pounds of Chamberlain's Perfect Chick Feed. Say, your feed is O. K., once used, always used. Will want more later. Yours truly, A. C. Harris, Ulrich, Mo. This chick feed is advertised on this page and it is made by W. F. Chamberlain, St. Louis, Mo.

### TWO HUNDRED STYLES OF VEHICLES,

Are manufactured by the Elkhart Carriage and Harness Mfg. Co., Elkhart, Ind. A few of these will be found pictured and priced in our columns from time to time. Besides making huggies, and every other kind of vehicle this firm makes and sells direct to the consumer a fine grade of harness. For thirty-four years the plan of selling without middlemen's profits has been practiced by these manufacturers. This is the reason why they are able to quote rock bottom prices on high grade buggies and harness. If you intend soon to buy a nice buggy in any of the different styles or a light or heavy harness it

will no doubt be profitable to have the catalog of this company at hand. It will be sent to any address by mentioning this paper in your inquiry which should be forwarded to their address as given above. See page 20.

### MISSOURI AUCTION SCHOOL.

On August 5th, the next term of the Missouri Auction School at Trenton, Mo., opens and young men planning to take instruction in the business of selling live stock in the auction ring should write for illustrated catalog to W. B. Carpenter, Pres., Trenton, Mo. Kindly mention this paper.

### APIARY SUPPLIES.

Those of The Homestead readers who want apiary supplies should write to the Leahy Mfg. Co., Omaha, Neb. They carry a full supply of all kinds of bee material, such as hives, extractors and in fact everything that a bee man may want. They will send their free illustrated circular provided you mention The Homestead.

### STOCKMEN'S SUPPLIES.

A special offer is made on page 20 of a five-gallon can of Milk Oil Dip and a galvanized steel tank suitable for dipping hogs and sheep. The firm of F. S. Burch & Co., Chicago, wish to interest stockmen in their full line of supplies which includes worm powder, ear labels and buttons, tattoo instruments, sheep shears, etc. An illustrated catalog explains their full line. Write for it mentioning this paper.

### SOME HIGH-CLASS ANGUS BULLS.

Any of our readers who want a well-bred Angus bull should read the advertisement of W. H. Jones, Quimby, Iowa. He offers for sale a twenty-two months old bull, a son of Imp. Edward R. and an exceptionally well-bred Erica. He is fit to head any herd. He also has for sale a well-bred Blackbird and a Pride bull, besides several younger ones. These are real bargains and it will certainly pay anyone of The Homestead readers to go and see them.

### PROFITABLE HOME INDUSTRIES.

On page 18 will be found an offer that should interest those seeking profitable home employment or an opportunity to launch into a lucrative business. For one dollar a year, or twenty-five cents for three months trial subscription a magazine devoted to articles on the culture of mushrooms, ginseng, golden seal and other medicinal plants will be sent to anyone enclosing their remittance and addressing Profitable Home Industries, 270 Thompson Bldg., Scranton, Pa.

### TWO HUNDRED AND FIFTY MILLION SHEEP

are said to be dipped every year in Cooper's Dip. This fact demonstrates more than any other thing could the popularity of this dip, which not only kills ticks and other vermin, but improves the appearance and quality of the fleece. If your dealer can't supply you, write to the Des Moines Drug Co., Des Moines, Iowa, or to one of the three points nearest your town given in the advertisement on page 20. Mention this paper when you write.

### GOOD STALLION COLT FOR SALE.

Mr. E. C. Gwinner, of Holdrege, Neb., has a very fine stallion colt that he will price at a reasonable figure to anyone who is in the market for something of this kind that is bred right and a good individual. This colt will be two years old this summer and has great size and finish for a colt of his age. He is by the great prize-winning stallion, Casino 27830. His dam was Marcella 19377, an 1,800-pound mare. He is bred right and is a very prospective ton stallion. Write Mr. Gwinner for prices, or better than that, go and see him, as he is sure to please you. When writing please mention this paper.

### SAVE MONEY ON A SEPARATOR.

If you are thinking about saving money on the price of a cream separator you should send your name and address at once to the Davis Cream Separator Company, who advertise their offer on page 9. This company are selling their separators at wholesale prices and promise to save from 20 to 50 per cent on every machine. Their make of separator contains all the essentials of a good skimming machine. The new catalog which fully illustrates and explains this separator will be sent to anyone for the asking. Write for it, asking for Money Saving Catalog No. 118. Address Davis Cream Separator Company, 54L, North Clinton St., Chicago, Ill.

### McKELVIE'S POLAND CHINAS.

A representative of this paper last week spent a day visiting the herd of Poland Chinas owned by Mr. H. L. McKelvie, of Fairfield, Neb., and found there one of the most prospective bunches of Poland China pigs he has seen this year. At that time there was about 115 good pigs on the farm and we consider them as choicely bred as is known to this great breed. In building up this great herd Mr. McKelvie spared neither time nor money in purchasing the very best and together with his good judgment and proper knowledge of mating hogs to produce the best results he has built up one of the good herds of the state. He is a lover of a good beast and is striving each year to make his herd better than the one before. Individuality has always been his guiding star and during our visit to this herd found many animals that would make a creditable showing at any of the best shows yet held. This year's crop of pigs represent the blood of such noted boars as Grand Look, the champion boar of the breed in his class this year, Expansion the king of all sires yet known to produce the large type, Blaine's Tecumseh, a boar that has done much to increase the standard of good Poland Chinas; Dr. Tom, a 1,000 pound boar now at the head of this great herd; others are by Expander, Hadley's Last, Jim Crow and Nemo

a son of Mcs. Choice Tecumseh 3d. With this great combination of prize winning blood represented in the herd it looks as if this would be a place that would present many good opportunities in picking up a herd head. Mr. McKelvie is now ready to book your order for a good pig and it might be good policy to get your order in at once. Write him at once for prices and he will be glad to quote them to you. When writing please mention this paper.

### A REAL MINERAL SURFACE ROOFING.

There are many roofings on the market today which will give satisfaction provided they are carefully painted or coated every year or two. This painting, however, is expensive and troublesome, and we are glad to note the coming into the market of a new roofing which requires no paint whatever. This is Amatite roofing. Amatite has a mineral surface which takes the place of paint and lasts very much longer. Farmers who have any roofing to do should obtain a free sample, which may be done by addressing the Barrett Manufacturing Company, New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans, Cincinnati. See advertisement on page 14.

### A FAMOUS HORSE FARM.

One of the most famous harness horse farms in the world, for the reason that it has produced the most famous horses, is perhaps the International Stock Food Farm of 700 acres situated near Minneapolis, Minn. This is the home of Dan Patch, the horse which paced a mile at the last Minnesota State Fair in 1:55. On page 11 we show a picture of Dan Patch and Crescens, another one of the famous horses of this farm. This picture is only a miniature of a very beautiful one 16x21 inches, printed in six brilliant colors, which will be mailed to any of our readers who will name The Homestead and state how much live stock they own. Address the International Stock Food Company, Minneapolis, Minn.

### PRIVATE WATER WORKS SYSTEMS.

Private systems of water works are necessary on the farm. Only here and there are locations favorable for piping from a city. One of the most important problems to be solved in a system of water works is the power to elevate the water. For this purpose the hot air pump possesses exclusive features and great value. This pump is run by heat with comparatively little expense. Operation is extremely simple. Messrs. Thomas & Smith, of New York and Chicago, make it their business to equip farm water systems with either hot air or an electric pump. Those expecting to install water works on their farms or in small towns should look up the advertisement on page 15. When you write address Messrs. Thomas & Smith, 17-19S, Carpenter St., Chicago.

### J. J. CONSIDINE CO. ON HAY, ETC.

Market is the strongest it has been this season; a very strong demand, especially for the choice grades, choice timothy is selling at \$19.00 and \$20.00 and is scarce at that. Offerings have been very light and will be from now on until after corn planting time, for farmers will have little time to haul. Those who take advantage of this interval will certainly make a generous profit and even though extra labor and effort are necessary we urge them to make it. Ship now. Prairie is a little stronger and will sell better from now on. The shortage in timothy has helped to work the supply down and there is little in transit. At the first of the month when consumers stock up the demand will be first class. Ship now. Straw receipts are small and prices higher for all kinds. Ship now.

### SECOND-HAND TELEPHONES.

Mr. B. H. Van Vliet, 1006 Grand Ave., Des Moines, Iowa, has an advertisement on page 20 of this issue in which he is offering to sell, first-class, second-hand telephones at the bargain price of \$2.50 each and prepay the freight. Mr. Van Vliet is not making this offer because the 'phones are not worth much more, but because they have been rendered useless to him by the installation of a new switchboard. The telephones are guaranteed to be in good condition, and are just the thing for a farmer to use on a light farm line, or to talk from the barn to the house, or from one neighbor to another. They are a bargain and those readers who are fortunate enough to secure one, will be well pleased with their purchase. The Homestead would suggest that those of its readers who are interested in such a bargain, write for particulars, mentioning The Homestead.

### CLOSING OUT ANGUS SALE.

On June 18, at Des Moines, Iowa, Mr. H. A. Cole, of Chicago, Ill., one of the well known Aberdeen-Angus breeders will close out his entire herd of cattle, composed of about sixty-five head. This herd is one of the well known herds in the West, having been bred and raised on his 400-acre farm, near Belgrade, Neb. When founding this herd Mr. Cole drew upon the very best herds for foundation stock, and when buying herd bulls or foundation females, he never spared expense. The first bull he used was the noted Lad of Emerson 3706, a son of the Trojan Gay Lad, and he was a richly bred Marmion's Erica. His second bull was Imp. Marmion's Erica, but he died after he used him a year, and he thought enough of him that he then went and purchased his full brother, Imp. Electrician, the bull that now heads his herd and will be sold in the sale. This bull is not only bred in the purple, but he is a splendid breeder, and he will show an excellent string of calves in the sale. He will sell an imported K. Pride, an imported Drumin Lucy and an imported Queen Mother, together with their descendants. All the breeding cows, heifers and young bulls will be sold, and it will be a splendid place to buy Angus cattle. Watch The Homestead

## Fertile Farming LANDS

### CHEAP—EASY TERMS

## In the best Section of the South

Unexcelled for General Farming, Stock Raising, Berries, Fruits and Vegetables. Cantaloupes, Strawberries, Peaches, Apples, Grapes, Etc., give handsome returns. Cattle need but little winter feed.

### HEALTHY CLIMATE

### GOOD WATER

### LONG GROWING SEASON

Address G. A. PARK, Gen. Im. & Ind'l Agt.

### LOUISVILLE & NASHVILLE

### RAILROAD CO.

LOUISVILLE, KY.

columns for further particulars about this sale.

### A. C. BERRY OFFERS DAUGHTERS OF IMP. MUTINEER.

Mr. A. C. Berry, of Unionville, Mo., owner of the great Short-horn breeding bull, Imp. Mutineer (a Scotch Missie bull that was bred by Mr. W. S. Marr, of Uppermill, Scotland, and got by Bapton Chief and out of Imp. Missie 6th, the dam of the great Whitehall Marshall) is offering a fine lot of heifers that were got by Imp. Mutineer. Some of these are all Scotch and a few are Scotch topped. The bulls got by Imp. Mutineer have for the past year been sold at an average of \$250 and the man hunting some choice females will find them here. Mr. Berry has also a few choice bulls just coming of serviceable ages. There is herd bull material among these. See page 27 for Mr. Berry's advertisement and if in the market for good Short-horns of either sex write him.

### A CHOICE INVESTMENT.

One visit to Oregon county, Missouri, would convince you that there is one of the greatest fruit producing sections in the United States. It is here that the Ozark Development Co., of Des Moines, Iowa, is having an extensive commercial orchard planted, one mile from the town of Blandville. The orchard will contain 60,000 Elberta peach trees besides tenant houses and outbuildings for employees. This orchard will be managed by experts in their line and as business increases, the orchard will be enlarged, as the company owns the adjoining land. A small amount of stock in this Ozark Development Co. is for sale. If you are interested in such a proposition, write the company and they will send you by return mail one of their albums which gives in detail, their plans for operation and their stock proposition. Please mention this paper.


### PROMINENT BUSINESS MAN SUCCESSFULLY TREATED FOR PILES.

There are hundreds of men and women suffering from piles or other rectal diseases who ought to learn about the hundreds of cases of such disease that have been cured by the Drs. Thornton & Minor System of Treatment at the institution which is conducted by these doctors at Kansas City, Mo. Read the following testimonial from a well known business man and banker: Kansas City, Mo., Oct. 29, 1897. Drs. Thornton & Minor. Dear Sirs:—I cannot recommend your treatment for piles too highly, you having treated me very successfully. I was afflicted for years and you effected a permanent cure, without a day's loss from my business. Very truly yours, J. J. Swafford, Director National Bank of Commerce. Read Drs. Thornton & Minor's advertisement in this issue and write for their free booklets. Thirty years of success proves their ability.

### CARPENTER & ROSS SHORT-HORN SALE.

One of the best lots of Short-horns to be sold this year is that offered to the public by Messrs. Carpenter & Ross, of Mansfield, Ohio, in their forthcoming sale to be held on Wednesday, May 22. This firm have at the head of their herd, the noted prize winning son of Whitehall Sultan, Avondale. Many who have seen this bull pronounce him one of the best sons of the champion. Several cows and heifers in the sale are bred to this bull. Another bull which was used with success was Whitehall Count, another of the good sons of Whitehall Sultan. Several of the younger things in the sale are sired by this bull. Whitehall Count demonstrated his worth both in the show ring and as a breeder and was sold at public auction to Dr. W. H. Earles, of Milwaukee, Wis., at \$1,000. To further increase the value of this offering Mr. P. G. Ross, known to the fraternity as one of the best judges and best pester Short-horn breeders of this country, recently made an importation from the best herds of Scotland and six of the nineteen bulls offered are just from Scotland. Six females of this importation are also included in the sale. These cattle are now in quarantine and of the many importations which Mr. Ross has brought over, this one is without doubt the best. These cattle are offered at your own prices. They are from the best herds of Scotland and the breeder who is in the market for a herd bull, or a richly bred

# KRESO DIP



**"KRESO" KILLS ALL KINDS OF LICE.**

**KRESO-DIP CURES MANGE & SCAB, CUTS, WOUNDS, SORES, RINGWORM, ETC.**

**KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT!**

FOR **ALL LIVE STOCK**

**HARMLESS. EFFECTIVE. INEXPENSIVE.**

**STANDARDIZED**

SEND FOR FREE BOOKLET ON

**CATTLE HORSES HOGS SHEEP POULTRY DOGS**

For sale at all drug stores.

**PARKE, DAVIS & CO.**

Home Offices and Laboratories, DETROIT, MICHIGAN.



# HEREFORD DISPERSION

## EXTRAORDINARY

### Wednesday, May 15, 1907

These cattle have been the source of much profit to me and will make you money. As I am retiring, you get a chance at my entire herd without reserve. Send for catalogue, mentioning The Homestead.

Auctioneers.

COL. F. M. WOODS and MR. GEO. P. BELLOWES.

# At "Fair Acres Farm," Near Emporia, Kan.

The blood of Albion, Lord Saxon, Wild Tom, Java and Keep On. 19 yearling bulls, headed by Christy 23417, he by Keep On 2nd, and out of Fashion by Fashion by Lord Saxon. 28 grand breed ing cows, many with calves at foot. 12 extra fine heifers, yearlings. The balance are young things of great promise.

**MRS. C. S. CROSS, EMPORIA, KAN.**

heifer of show yard merit will find in this lot Short-horns which will please and be profitable to him. Fifty head have been cataloged thirty-one cows and heifers and nineteen bulls. Many of the cows have calves at foot, while others are close to calving to the service of Avondale. This young bull is proving a valuable sire as his produce will show on sale day. Further particulars will be found in succeeding issues. The catalogs are now ready and will be sent to all who write for same kindly mentioning The Homestead. Study the breeding of this good lot of Short-horns and plan to be present at Mansfield, Ohio, on May 22. The advertisement appears on this page of this issue.

#### NEW IDEA IN CULTIVATORS.

On another page we present a design of the new J. I. Case Crank Shift Cultivator and a brief description of its construction. This cultivator is claimed to adapt itself to every condition of crop and soil. Undoubtedly this is a feature which should commend this cultivator to every farmer. The machine is devised so that it may be swung from one side to another very easily in order to escape obstructions or corn hills. With an implement of this kind it is practically possible to cultivate every inch of the surface soil. Besides the crank shift feature, there are others, such as the telescope axle which permits of adjustment between wheels to suit the width of the corn rows. All the many other unequalled advantages of this implement are fully explained in the catalog, which will be sent free by addressing J. I. Case Plow Works, Dept. S22, Racine, Wis. For the advertisement see page 9.

#### HAVE YOU GOT YOURS?

Have you received the splendid free picture of the 1907 Girl? After much trouble and expense, the Sharples Separator Company succeeded beyond their hopes in reproducing from life, in the softest and daintiest colors, the sweetest dairy maid ever offered by any cream separator company as a free picture suitable for framing and placing in any home. Send at once to the Sharples Separator Co., West Chester, Pa., the names and addresses of five farmers who keep cows but have no Tubular Cream Separator, and the Sharples Separator Company will mail to you, in return, the picture of the 1907 Girl, free from printing and large enough for framing. Write the names plainly. Give your own name and address clearly. You must mention the name of this paper to get the picture. The Sharples Separator Company has a limited number of wall calendars and will send one of them, free, with each picture, as long as the calendars last. If you want both, write at once.

#### A GREAT DUAL PURPOSE HERD BULL.

The followers of the Dual Purpose Short-horns will find at Hughesdale Farm, owned by Mr. H. J. Hughes, of Trenton, Mo., one of the greatest bulls now on the market. The bull referred to is out of Rowena 2d, the Champion Dual Purpose cow at the World's fair held at St. Louis and was got by Grand

Lavender a full brother to Golden Lavender, the herd bull that sold in the "Clover Blossom" sale last week for \$995. Grand Lavender was got by Grand Victor and was out of Imp. Sittytou Lavender 6th by Pride of the Morning. Then follow the great bulls, Dunblane, Pride of the Isles, Count Bickersstaffe, etc. At thirteen months of age this young bull weighed 1,200 pounds and is a bull that is fit to head any herd, he being one of those mellow fellows with two good ends, a middle, and four legs of the proper length. See page 27 for the Hughesdale advertisement and if wanting a herd bull that is bred right and from heavy milking ancestors get in touch with Mr. Hughes.

#### ABSORBINE.

Just a few weeks more and the busy, prosperous horse buyers will be searching the country again, and these buyers will know a good horse when they see one, be sure of that. So it will be a wise move on your part, Mr. Horse Breeder, to take the chances offered by the present slack time, and see if there are any blemished horses in your stable. If there are get busy at once. Now's your time to clean and cure them up—ready for the buyer's keen examination. By doing so you are likely to make for yourself a lot of money. Forty or fifty dollars, even, have more than once been made by the breeder removing the blemishes from his horses before selling them. Many of the most successful horse breeders use nothing but Absorbine, relying on it to remove all blemishes. Absorbine does not blister, stain or remove the hair and the horse can be used; \$2 a bottle at dealers or delivered. Manufactured by W. F. Young, 40 Monmouth St., Springfield, Mass. See advertisement on page 21.

#### SPLIT HICKORY BUGGIES.

There is a great variety of material used in the construction of buggy wheels. Years ago every buggy wheel was made of split hickory, that is, instead of being sawed the logs were split. This made it possible for every spoke to be straight in its grain, which insured unusual strength. The scarcity of hickory in past years has made it impossible to secure sufficient to satisfy the demands of the buggy trade. Dealers have resorted to the use of other hard woods. Few woods have the strength of grain that hickory does, so that consequently it was impossible to produce as good a buggy wheel out of other kinds of wood as it was out of hickory. The Ohio Carriage Manufacturing Company are noted for their famous split hickory vehicles. What they offer in the line of serviceable buggies should interest everyone who has use for a buggy. A postal card will bring you the catalog when addressed to the Ohio Carriage Mfg. Co., Station 31, Cincinnati, Ohio. See page 3 and write for the book at once.

#### SEND FOR A COPY AT ONCE.

The steady increase in germ and parasitic diseases afflicting farm live stock compels farmers and breeders to give more and more attention to keeping their animals free from their attacks. This is a positive necessity if farmers expect a profit from them. As an efficient aid to owners of live stock in maintaining them in health and comfort, we can recommend the Veterinary Adviser, a sixty-four-page booklet. It is compiled by noted authorities and treats of the various diseases and parasites which attack live stock. It also points out the necessity for cleanliness and the maintenance of hygienic conditions in connection with live stock and the value of a reliable disinfectant and insecticide as a means of keeping flocks and herds free from diseases, as well as preventing the spread of contagious and infectious diseases when an outbreak occurs. The booklet will cost you nothing but a postal card requesting that a copy be sent to your address. Write at once to the Zenner Disinfectant Company, Lafayette Avenue, Detroit, Mich.

#### THE MARTIN ANGUS SALE.

What promises to be one of the greatest Aberdeen-Angus sales to be held this year will be that of the noted breeder and showman, C. J. Martin, at Churidan, Iowa, on May 28th. This may be termed a Prince Ito 2d offering, there being nearly twenty head in the sale, sired by that noted show and breeding bull. No Angus bull today in the country has won more fame in American show rings than has Prince Ito 2d. In every noted show from the world's fair down through the leading state fairs, he has been a grand champion winner. He is a son of the \$9,000 bull, Prince Ito, and he is one of the most royally bred Pride of Aberdeen bulls now doing service in the country. As a breeder his reputation will be well sustained when the buyers see his string of youngsters that will be sold in the sale. There will be attractions galore in this sale, but one of the greatest will be the grand champion cow, Blackbird 26th, the first grand champion cow that was ever sold in a public sale in this country. This noted matron was grand champion over all breeds at the World's Fair in 1903, and today she stands as the greatest Aberdeen-Angus cow in America. In this sale will be her five-months-old son, Black Defender, and he is sired by Prince Ito 2d. Here is another proposition that the future showman cannot afford to overlook. Bred as he is, along the most approved and up-to-date blood lines, together with his individual excellence, he is one of the greatest bull propositions that has been offered for sale in many a day. Mr. Sam Johnson, his noted herdsman, who stands today in a class by

#### TOO LATE TO CLASSIFY.

#### GOLDEN HERD DUROC JERSEYS.

HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1894, and Ambition, first prize pig Illinois State Fair 1905 and 20 prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few rows of fine farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good. L. E. Thomas, Golden, Illinois.

R. E. Hogsett, La Prairie, Illinois.

#### MISSOURI

### ...AUCTION SCHOOL...

Graduates selling in 10 States. Where Students sell all kinds of property in our big sale yard. Live stock judging, voice culture and oratory. Illustrated Catalog Free. Next term opens Aug. 5th. All branches taught. W. B. Carpenter, Pres., - - - Trenton, Mo.

**FALL BOARS FOR SALE** Ready for service, weighing 200 lbs. or better, farrowed September 1906, sired by Enough Perfection 100205 and Preamble 100203. All out of mature sows. These are the kind you are looking for. Write for prices. Shipped on approval. L. S. Fisher & Sons, Edgewood, Iowa.

#### HILLHURST HERD DUROC JERSEYS.

FALL BOARS for sale sired by Red Knight Again 43325, and yearling sows sired by Crimson Wonder 1 Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped. AUGUST VOGEL, - - - PORTSMOUTH, IA.

#### Marshal Favorite For Sale

Sired by Imp. Fashion Favorite 149550, dam Imp. S. Jilted Maid. Will be two years old in December. Red in color and a good young bull. Also a few young bulls for sale. Address, J. D. McDERMOTT, - - - WIOTA, IA.

**DUROC JERSEY fall boars for sale**—We have a few extra good fall boars that we will price reasonable to early buyers. They are sired by such boars as Jumbo's Perfection, 1st prize 2 years in succession at Nebraska State Fair. Others by Hambleton, 1st prize yearling at Nebraska. Write us at once for prices. H. B. Loudon & Son, Clay Center, Neb.

point of breeding and individuality as the female consignment. The man who is in the market for a show bull will find it in this sale. In Village Sultan, the first calf from Whitehall Sultan dropped after the champion became the property of Mr. F. W. Harding, is found one of the best bulls to go through the sale ring this year. His dam is Village Lassie of the Cruickshank Village Bud family and sired by Imp. Best of Archers, the sire of the \$5,000 Ceremonious Archer. Individually Village Sultan is built much on the order of his sire. He is as smooth as an apple, and has the width and covering of top that is found in the get of Whitehall Sultan. Few bulls are seen so short of leg and with flesh so well distributed from backs up. This bull will suit the most critical buyer. There never was a time in the Short-horn business when a good bull is so much appreciated and this young bull will fill the requirements of the discriminating buyer. Village Sultan's calves are beginning to arrive at Glenfoyle and are evidence of his value as a breeder. Imp. Pennau Commander is a bull of remarkable merit. He is compact, smooth, and has depth and thickness and much quality. The calves at Glenfoyle by Pennau Commander are an unusually good lot. They resemble their noted sire in depth of body and scale. Mr. Chrystal would not offer this bull for sale but cannot profitably keep so many herd bulls. The breeder who is in search of a tried sire will be pleased with this bull. Rarely are such bulls offered at public auction and the opportunity to secure at your own price such a bull as Imp. Pennau Commander should not be missed. The balance of the bull consignment are all yearling bulls of much merit. Ury Champion is a Campbell Ury, by Imp. Lovat Champion. His dam Ury Girl 4th is included in the offering and was got by the Nonpareil bull, Imp. Royal Member. Ury Champion is an all red calf, thick and fully fleshed. His full brother sold in the last sale at \$300. Another good young bull of the Campbell Ury tribe is found in Harvester. He was got by the good Scotch bull Alexander. This young bull is a very deep, low down thick fellow and is the making of a very good herd bull. Clan Champion, by Imp. Lovat Champion and out of Bonny Briar by Imp. Royal Sailor, belongs to the Marr Beauty family. Individually he is of the herd leader airt and will be appreciated by the breeder in search of a herd bull. There are other young bulls by Imp. Lovat Champion and Imp. Beaufort Victor that are from cows that have proven their worth in this herd. These young bulls belong to the fashionable Scotch families and those present sale day will find in the offering bulls to meet all requirements. The individual needs of the buyers will determine the choice from this good lot and in point of breeding and individuality they will please the careful buyer. This offering is the strongest ever made from Glenfoyle and should claim the attention and presence of the Short-horn fraternity. The catalogs will be sent to all who write mentioning this paper as per the announcement on page 25 of this issue. Marshal, Mich., is on the main line of the Michigan Central railroad, 178 miles east of Chicago. Parties from the west can leave Chicago the night before the sale at 11:55 p. m. or 3 a. m. Plan to be present sale day.

himself as one of the most famous fitters of Angus cattle on this side of the water, says that he is a better proposition by far than was Prince Ito 2d at the same age. He will also sell Blackbird 35th, the best Blackbird heifer that will be sold this year. She was the first prize heifer at the American Royal and the International in 1905. She was sired by the grand champion bull Prince Ito 2d, and her dam is Blackbird 24th, the first prize cow at the World's Fair in 1904. Another good thing is the Queen Mother cow Floretta of Cherokee, a first prize heifer at the Iowa state fair, and was in herd that won silver cup over all beef breeds. She will have a bull calf at foot by Prince Ito 2d. There are a grand good lot of Prince Ito heifers in the sale, and he will also be bred to most of the cows. There will be a number of young bulls in the offering, nearly all of which are sired by Prince Ito. Among the most noted families represented are Pride, Blackbird, Queen Mother, Erica, Heatherbloom, Drumin Lucy, and other well known families. No Angus breeder in this country has won more distinction than has C. J. Martin, and no herd in America today is deserving of more attention than is the Martini herd. The offering is a strictly high-class one in every particular, and every arrangement has been made to entertain the visitors on that occasion. You should attend this sale by all means, whether you want to buy or not. Write at once for catalog and kindly mention The Homestead.

#### GLENFOYLE SHORT-HORN SALE—LAST CALL.

One hundred head of fashionably bred Scotch Short-horns to be sold in one day assures many bargains. Such is the case in the Short-horn sale to be held at Glenfoyle Farm, owned by Mr. A. Chrystal, at Marshall, Mich., on Wednesday, of next week. Mr. Chrystal has been one of the most successful breeders of Short-horns in this country and has one of the largest herds. In order to reduce his herd he is consigning seventy-five head to this sale which with the calves at foot number upwards of one hundred head. Unless there is an unusual turn out of buyers many of the cattle will sell at prices that—considering the breeding and individual merit of the offering—cannot be duplicated in this country. In our last issue we called the attention of our readers to part of the female consignment to this important sale, and in these columns this week we wish to call particular attention to the balance of the offering, both the females and bulls. There are in this offering a number of daughters of the noted prize winning bull, Imp. Lovat Champion, used with much success by Mr. Chrystal and afterwards sold to the Flynn Farm Co., of Des Moines. The heifers are of the thick, sappy sort, very robust and will do well in any herd. Buyers who are in the market for richly bred, well made heifers will find in the get of Imp. Lovat Champion many of show yard merit. They are bred to Mr. Chrystal's herd bulls, Imp. Rapton Magnet, Imp. Pennau Commander and Village Sultan, the last two bulls being in the sale. Diamond 21st, a thick, smooth Scotch heifer of strictly show yard merit, has an exceptionally good head and horn, very nicely covered and evenly fleshed. He will do to show this fall. Diamond of Lakeside 4th, is another Scotch heifer of show yard merit. She is one of those thick, low down, sappy kind that are found in few herds. This heifer is due to calve before sale day to the service of Imp. Pennau Commander. Maisie 3d, Maisie 5th, Maisie 6th and Maisie 7th are richly bred heifers of the Bruce Mayflower tribe. They are worthy of the inspection of careful buyers. Mina Grey is a Campbell Mina by Roan Sittytou. She is a very valuable cow and is a good producer, and her yearling heifer Mina Grey 2d (included in the offering) by Imp. Lovat Champion and a heifer calf at foot by Imp. Beaufort Victor, are evidence of her breeding qualities. Lady Nonpareil 2d is a richly bred Nonpareil by Imp. Lovat Champion, and is safe in calf to Imp. Bapton Magnet. This heifer is a wide, deep, low down, thick-fleshed animal and will attract the attention of the discriminating buyer. Westlawn Secret is a Cruickshank Secret by Gloster's Lavender. She has a fine bull calf dropped November 5 at foot got by Good Choice, a son of the champion Choice Goods. Nelly Bly of Glenfoyle is a daughter of Imp. Ury Prince and will calve shortly after the sale to the service of Village Sultan. She is a very good all around heifer and bred to this noted son of Whitehall Sultan will do well in any company. There are a number of valuable Scotch cows which should find places in good herds. Every female in the offering of breeding age is safe in calf, has calf at foot, and in many cases are reared. Lack of space forbids mention of many of these, but they are in keeping with the high standard maintained in all Glenfoyle sales. The bull consignment in this offering is a truly notable one. In many sales of all breeds, bulls prove to be the weak end when compared with the females. It is not so at Glenfoyle this year. The bull offering is fully as strong in both

# "MAXWEALTON"

## Short-horns

AT AUCTION.

Mansfield, Ohio,  
WEDNESDAY, MAY 22, 1907

**50**

head of richly bred Scotch and Scotch topped Short-horns . . .

**50**

31 Cows and Heifers, 19 Bulls, Six Imported Bulls and Six Imported Females personally selected from the leading herds of Scotland by Mr. P. G. Ross, a recognized judge, a student of pedigree and one who has superintended the importation of more cattle in recent years than any one else.

See Field Notes column for particulars. Write for catalog at once. It will be mailed only on application. Mention Homestead when writing.

**CARPENTER & ROSS,**

Mansfield, Ohio.  
Geo. P. Bellows and Carey M. Jones, Auctioneers.



# GLENFOYLE SHORT-HORNS

## AT AUCTION

**75** Glenfoyle Farm, Marshall, Mich., Wednesday, May 8 **75**  
**SEVENTY-FIVE HEAD OF IMPORTED AND HOME-BRED SCOTCH  
AND SCOTCH TOPPED SHORT-HORNS.**

Sixty-five head of choicely bred cows and heifers, twenty-five with calves at foot and many others due to calve shortly after sale day. **EVERY FEMALE IN THE OFFERING OF BREEDING AGE EITHER HAS CALF AT SIDE, OR IS SAFE IN CALF.**

It is the best lot of cattle ever sold from the noted Glenfoyle Herd. It surpasses any sale held in recent years in the number of large cows listed of **Scale, Substance, Character and Smoothness.** More Scotch Short-horns are listed than in any sale of recent years.

The bull offering is the best yet made from Glenfoyle, and includes two of the herd bulls, **Imp. Pennan Commander 211984** and **Village Sultan 260235**, one of the best sons of the **Champion Whitehall Sultan**. This young bull is fit to head any herd in America. There are a number of young bulls of herd header type.

This offering from Glenfoyle Herd is one of the strongest of the year and the large number of Scotch cattle offered should attract the attention of the Short-horn breeders throughout the entire country.

Catalogs are now ready and will be sent to all who mention this paper when writing.

## A. CHRYSTAL, MARSHALL, MICH.

Cols. Woods, Bellows, Jones and Cottingham, Auctioneers.

### The Cameron Herd of O. I. C's.

Among the good herds of O. I. C. swine in the corn belt is the Cameron herd, owned by Mr. W. B. Porter, of Cameron, Mo. Mr. Porter founded this herd some four years ago, using foundation stock that was as good as could be secured. In this particular Mr. Porter was very fortunate, as he was in close touch with some of the best O. I. C. herds of America and had an opportunity for making selections such as is not had by every beginner. Among the first of these purchases was King 8934, a half-brother to Jackson Chief, the boar that was grand champion at the World's Fair held at St. Louis in 1904, also winner of seven first prizes and \$758 in money. King also was a prize-winning hog, having won first in class at the American Royal in 1903. He was got by Iowa Chief, sire of Jackson Chief, and was out of the Silver-bred sow, Silver Maid. King proved a great breeding boar and got two crops of pigs for Mr. Porter before he died. Several of these sows were retained and other boars were bought, also a few sows, and today the Cameron herd is in fine shape to furnish breeding stock. The present herd boars and the sires of the crop of pigs now on hand are Perfection Chief 19239, a son of Jackson Chief II, and Gretchen II., one of the great brood sows of the breed. Jackson Chief II. was used by Mr. Porter for one season and Perfection Chief was reserved to succeed him. The other herd boar, Chief L. 19070, is a grandson of the great breeding boar, Sweepstakes, and was out of Della by Eastburn's Pride. Both boars are the kind that are improvers in the breed and their get have the back with well-sprung ribs, two good ends and bone a plenty. The sows from which the present crop of pigs is being raised are by such boars as Jackson Chief II., King (both boars referred to above), Kerr Prince, Kerr Dexter and King George. Mr. Porter's herd numbers 150 head. The spring pigs are coming along nicely and a fine lot of herd headers can be found among them. The man who wants O. I. C.'s that are close descendants of the most noted sires the breed has yet produced can find them here and in larger numbers than elsewhere, as Jackson Chief never sired a pig after the World's Fair. Mr. Porter owns one of the good hog breeding farms in Missouri and is located six miles from Cameron. He invites prospective customers to pay the herd a visit and make personal selections. Notify him of your intended visit and you will be met at Cameron. To those who cannot come and wish to order by mail, he promises square treatment and guarantees everything as represented. Early orders will be booked and care given to same, insuring the man who orders early as good as the herd produces. See page 27 for advertisement of the Cameron herd and when writing kindly mention this paper.

Thomas, Jameson & Mitchell to Sell Short-horns June 13th.

The firm of Messrs. Thomas, Jameson & Mitchell, of Allen, Kan., announce a partial dispersion sale of their herd of Short-

horns, the sale to be held in the fine stock sale pavilion, at Kansas City, Mo., on Thursday, June 13th. This should be an important event in Short-horn circles, as the Thomas, Jameson & Mitchell herd has for thirty years been known as one of the strongest herds in America. Two years ago the herd was moved from Kentucky to Kansas and since that time has been under the management of Mr. S. D. Mitchell, the junior member of the firm. Few, if any, herds in the West can show an equally strong herd, either in breeding or from an individual standpoint. For the sale the better part of the herd is listed and a stronger or more select offering will not be found in any sale this year. The last year show herd will be included and practically the entire herd of Scotch females, which number over fifty head. In future issues a full account of the offering will be given. Short-horn men should keep the date in mind, as this will be a sale well worth attending, whether to get a few choice things to add to a herd or for foundation stock.

### M. W. Walker & Son Offer High Class Duroc Herd Boars.

Messrs. M. W. Walker & Son, of Malta Bend, Mo., proprietors of the Plainview herd of Durocs are offering some very high class herd boar material. One of these, Buckeye Chief 15687 is a son of the great Ohio Chief 8727, and out of a daughter of Ohio King, he by old Protection, the boar that has furnished as much, and probably more foundation stock than any Duroc boar known to the breed. Buckeye Chief was two years old in March and has proven a good sire. He is not sold for any fault, but because Walker & Son are keeping so many of his daughters. Some appreciative breeder who can use an Ohio Chief boar should look after him. The other two boars are yearlings, one being got by Second Climax 23361 and out of that grand show and brood sow, Dotie 37472. The other was got by Silk Worm 36911, and out of Polly Wonder 34662, one of Walker & Son's great Ingomar sows. Better bred herd boars are rarely found and when found are held well up in their figures. Messrs. Walker & Son are pricing these boars exceptionally reasonable considering their individuality and rich breeding. If in the market for a high class herd boar write them of better still go and see these boars.

### A Clydesdale Stallion and Short-horn Bulls.

Messrs. George Watt & Son, of Anamosa, Iowa, are offering, in their advertisement on page 28 of this issue, an extra good three-year-old Clydesdale stallion, Warrior 11723 (Vol. 12) by Montfort 8799, out of Rosa 6th 8896, an extra fine, draft mare bred by Messrs. A. & G. Davidson, of Monticello, Iowa. She was by Young Blaze and he by Darling's Prince by Imp. Prince Imperial, the very best blood lines found in Clydesdales. In moderate flesh this three-year-old stallion weighs 1,600 pounds and is built right. Messrs. Watt & Son are also offering two dark red bulls fourteen and

### LARGE YORKSHIRE HOGS.

#### LARGE YORKSHIRES, the Bacon Hog. BREEDING STOCK FOR SALE AT ALL TIMES.

Pairs and trios, not skin. My Foundation herd was selected in Canada of the best breeders by me personally. There is no breed of hogs in existence to-day that makes better mothers and can raise more pigs in a litter. Try this breed if you want to make money. Write for prices.

F. RABELER,

LEIGH, NEBRASKA.



### POLAND CHINA HOGS.

**45** Poland China Boars **45**  
Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35927, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON,

DEFIANCE, IOWA.

eighteen months old, respectively. One is by Scottish Lad 231843 out of Beauty of Sterling (Vol. 49, page 1005); the other by Collynie Victor 149949 out of Golden Grace 3d (Vol. 58, page 1075). There is no better breeding in the Short-horn herd book than this and the individuality of these two young bulls is all that could be desired. Those looking for a fine young Clydesdale stallion or a Short-horn herd header should write to Messrs. George Watt & Son, of Anamosa, Iowa.

### Coming Short-horn Sale.

Mr. N. P. Hलगren, of Vinton, Iowa, will hold a large sale of Short-horn cattle at his farm near Vinton, Iowa, June 19. This sale includes about fifty head of imported and home-bred Scotch and Scotch-topped young cows, heifers and bulls, including the herd bull, a splendid Cruickshank Prince Royal. The females offer some exceptional opportunities for securing young cows of first-class breeding. Anyone intending to buy a good young bull sometime in the near future will do well to keep this date in mind, as there is undoubtedly going to be bargains offered among the bunch of fifty head. Catalog will be ready for mailing June 1st and you should get your name on the list, mentioning The Homestead and addressing as above. See advertisement on page 27.

The following unsolicited letter to Truman's Pioneer Stud Farm, of Bushnell, Ill., from a patron illustrates something of business methods at the well-known importing establishment: "The horse, Buller V., which we bought of you last week arrived here in good shape a few days ago and he looked better to us than he did at your barn. We have been very busy since he came and we feel that the least we could possibly do in return for the fair and honorable deal which you gave us would be to write our appreciation of same. We shall certainly have a good word for Trumans, as you did all that you said you would do in your written agreement and then to clinch matters favored us still further. It is a pleasure to deal with people whom one feels are not trying to take advantage. We have remarked to several since our return, if anybody could get better treatment than that which you gave us we would like to know where they would

### WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

### 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blundinsville, Illinois.

### POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10½-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

### 25 BRED SOWS.

DUE to farrow in March and April. Sired by Mischief Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed. Address, M. G. Arnold, Strawberry Point, Iowa.

### POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, J. L. SLICK, LANARK, ILL.

Twenty years a breeder.

STANDARD HERD of Poland Chinas. I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo L's Dude. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

### HIG-BONED PROLIFIC POLAND CHINAS

I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter-kind that are always in demand. Write me for prices and let me book your order for a good pig. H. L. McKelvie, Fairfield, Neb.

go to get it. For ourselves, when we get ready to buy another Shire stallion we shall strike for Trumans' Pioneer Stud Farm. Signed, Baker & Fleming, Sullivan, Ill.



JACKS.

FOR SALE.



GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.

JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER & SMITH,

BEATRICE, NEB.

POLLED DURHAM CATTLE.

Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, JAMES WILSON & SONS, AVOCA, IOWA

DOUBLE STANDARD

Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER,

Kulona and Wellman, Iowa.

F. A. MURRAY, MAZON, ILL.

Breeds POLLED DURHAMS.

STOCK that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

Double Standard Polled Durhams.

FOR SALE—Two extra line coming two-year-old heifers, mixed. Good colors and choice breeding. Have rented my farm and must sell. \$30.00 each if taken at once. Address, W. E. LOUGHARY, PACKWOOD, IA.

ABERDEEN ANGUS CATTLE.

Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Duddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Houndale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rosheim Queens, etc. Address,

John E. Griffith,

WASHINGTON, IOWA.

(Mention Homestead.)

PARADISE STOCK FARM OFFERS

PRIDES ALBION 5th 53114, their double Pride herd bull, cash, or will exchange as we have so many of his get we can not use him longer. He breeds good, fine disposition, weighs 2,200. Also other bulls priced low for the quality. Berkshire swine fashionably bred. Booking orders for fall. Write for catalog to

W. F. ECKLES, GREEN CITY, MO.

High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward II. (61744); a Pride, 12 months old, and a 10 months old Blackbird, besides several younger ones. These are herd headers. Address, W. H. JONES, QUIMBY, IA.

PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Hawthorne of Glendale 24275, a prize-winner and sire of prize winners.

J. Nissen, Meservey, Cerro Gordo Co., Iowa

ABERDEEN-ANGUS bulls for sale, of the fashionable families. Queen Mother, Erica and Drumm Lacy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

JERSEY CATTLE.

JERSEY CATTLE Bulls, cows and heifers of the best blood of the land. L. R. Kuey, Adrian, Michigan.

GALLOWAY CATTLE.

WE HAVE

5 Young Galloway Bulls

EXTRA GOOD, RECORDED.

Will price cheap for quick sale.

Also eggs for exhibition Barred Rocks, rockers for pullet mating, \$2.00 per 15.

W. W. SCHOLES, ONAWA, IOWA

DUROC JERSEY HOGS.

L. H. ROBERTS & SON, PATON, IOWA. CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

When writing please mention this paper.

DUROC JERSEY HOGS.

25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen, Odell, Ill.

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska

Duroc Jersey Bred Sows For Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. Geo. L. Reed, Sumner, Nebraska.

Havelock Herd Duroc Jerseys

Nothing now for sale.

Best of blood represented.

E. K. YOUNG & SON Havelock, Neb.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, MACON, ILL.

FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.

H. B. GRIFFITHS, Bowen, Ill.

Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.

E. Z. RUSSELL - BLAIR NEB.

10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Ark and Redwood Chief.

AUSTIN RENSHAW, Blair, Neb.

10 Choice Fall Duroc Jersey Bulls For Sale

I HAVE ten choice fall boars for sale that I will price worth the money if taken at once. They are very growthy and are well bred. The best bunch I have ever raised. Write me at once for description and prices. S. J. THILMAN, Ragau, Neb.

CARL HANSEN, HERMAN, NEB.

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

BRED SOWS and gilts all sold. Ninety-nine youngsters to date from 14 sows and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are DUROCS. J. W. Briggs, Alden, Iowa.

SPRING boars sired by fancy Crimson Wonder. Priced for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd headers. W. A. Kirkpatrick, Lincoln, Neb.

CHOICE YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Hameston, Iowa.

When writing please mention this paper.

DUROC JERSEY HOGS.

Village Stock Farm

HAS FOR SALE NINE OCTOBER BOARS

Sired by grandson of Ohio Chief, two being out of a Kaut Be Beat sow. These boars are good colors heavy bone, lengthy, good backs, and are first-class pigs. Prices made to move them.

WRITE IF YOU MEAN BUSINESS.

COMER & GILLILAND CARLINVILLE, ILL.

PENNYRILE HERD OF DUROCS.

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 101h, Sensation 9th and Commodore 3d. Orders now booked for spring pigs. All others sold. Address,

AMOS W. HARRIS & SONS, WAVERLY, KY.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and littered all but one. We breed the winners. Stock of all ages for sale. Write or come

WATT & FOUST, CEDARVILLE and XENIA, OHIO

BUDDY K. IV HIGHEST PRICED DUROC BOAR

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

Mc NEIL BROTHERS, BOWEN, ILL.

AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address,

FAGAN, BROWNING & MCCABE, HERSMAN, ILL.

CRIMSON WONDER I AM 34697 HEADS THE AMERICAN

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead.

U. G. DAVIDSON, MANSON, IOWA.

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. J. D. NIDLINGER, DECATUR, INDIANA.

Crimson Wonder Again 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,

H. S. ALLEN, RUSSELL, IA  
On main line C. B. & Q. R. R.

Red Oak Herd

OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, please, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. TROY & BROS., PROPS.,  
Rosehill, Mahaska Co., Iowa.

SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

GREENDALL HERD DUROC JERSEYS.

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.

F. H. HERRING, Kalona, Iowa  
Shipping point Iowa City.

Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, 1st Chief I Am, Glendale Critic. Remember our guarantee. Dica & Garber, Beaver Crossing, Neb.

PIONEER HERD DUROCS.

WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

PROUD ADVANCE DUROC BOARS.

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us.

MANLEY & CO. LYONS, NEB.

Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

C. M. Dewey, Shannon City, Ia.

FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Woods. Fall boars by Proud Advance and Teddy II. Few sows bred to Ohio Chief II for summer farrow. Write or visit.

FALL BOARS

BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher Again. Price reasonable.

W. J. Prather, Russell, Iowa

WOLF CREEK HERD OF DUROC JERSEYS. Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. L. Livingston, Burchard, Neb.

When writing to advertisers please mention this paper.

GOLDEN HERD DUROCS

WE OWN one-half interest in World's Fair champion boar Tip Top Notcher. Have a fine lot of spring boars by Ambition, 1st prize boar Ill. State Fair 1905, and Big I Am, 1st prize boar Ill. State Fair 1904. Write for prices. Inspection invited.

Thomas & Hogsett, Golden, Ill.

PLEASANT DALE STOCK FARM

GEO. F. DORSCH, Prop., Cook, Neb., Breeder of Duroc Jersey swine.

LIVE STOCK AUCTIONEERS.

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Next Term Opens July 8, 1907.

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Col. Judd McGowan  
Clinton, Illinois.

Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

FRED REPPERT,

DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430, residence, 312



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C. C. KEIL, LADORA, IA.

LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

When writing to advertisers please mention this paper.



LIVE STOCK AUCTIONEERS.

**J. P. SPEARMAN, PAPILLION, NEB.**  
LIVE STOCK AUCTIONEER.  
I am posted on pedigrees and want your sales of cattle, hogs or horses.

**F. H. JACKSON, Rutland, Ill.**  
LIVE STOCK AUCTIONEER.  
PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

**C. E. LUTHER,**  
GRAND JUNCTION, IOWA.  
LIVE STOCK AUCTIONEER.  
Sales in six states. Terms reasonable.

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Pedigreed Live Stock.  
MARYVILLE, - MO.

**R. W. BARCLAY**  
Livestock Auctioneer, Mason City, Iowa.

**A. V. LOCK, REMINGTON, INDIANA**  
Live Stock Artist.  
Work satisfactory. Prices reasonable.

BERKSHIRE HOGS.

# Prine Farm Berkshires.

Bred sows safe in pig to State Fair prize winning boars.

Address,  
**GEO. S. PRINE,**  
Oskaloosa, - Iowa

**1907 Crop of Berkshires at Chapel Hill.**

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address,  
**W. D. McTavish,** - Coggon, Iowa

BERKSHIRE SOWS AND GILTS

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,  
**E. H. DANCER,** - Lamoni, Iowa

CHESTER WHITE HOGS.

# 100 CHESTER WHITE March Pigs and More Coming

Sired by such noted boars as Pioneer, Neponset Heary, Top Notcher, Perfection Model, I will win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

**E. L. NAGLE & SON,**  
Deep River, - Iowa

# James Fisher, Eastman, Wisconsin.



BREDEdit and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish. Write for Prices and Catalog.

# Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for the best.

**GEO. H. LAWSHE, R. R. No. 3, - Harlan, Iowa**

**IMPROVED CHESTER WHITE SWINE.**  
AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 15223, a grandson of Laverne King 12757, heads the herd. Address,  
**John H. Krehbiel,** - Donnellson, Iowa

**150 HEAD in herd.** First by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L. 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock.  
**W. B. Porter,** - Cameron, Mo.

# Improved Chester White Gilts

A T a bargain, bred for June farrow to Crescent Itex, son of Sweepstakes hog at Nebraska state fair. Gilts are sired by Look Out 2d. Write at once.  
**S. J. PHILSON,** - HARLAN, IOWA

**CHESTER WHITES** 100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Aug. and Sept. gilts; very growthy and to farrow in August. Prices reasonable.  
**MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.**

**GOOD O. I. C. FALL BOARS** For sale of the long heavy boned, prolific kind. Address; Allen Bros., Russell, Iowa.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scrib, Salem, Iowa.

CHESTER WHITE HOGS.

# EVERYTHING SOLD FOR THE PRESENT.

MODELER 13235 at Head of Model Herd of Chester Whites.

Write for descriptive catalog.

**W. F. HEMMERLING,** - DIKE, GRUNDY CO., IOWA

# MAPLE GROVE CHESTER WHITES.

**125** PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. **25 extra good fall boars** by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.  
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# Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

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STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

SHORT-HORN CATTLE.

# ARDMORE SHORT-HORNS

## VICTORIA'S PRIDE.

Red; calved September 9, 1905.

Dams.

Sires.

Breeders.

Victoria of Meadow Lawn 3d.....	Victor Baron 127266.....	Wm. Duthie
Victoria Veech.....	Favorite 56041.....	C. B. Dustin & Sons
Imp. Victoria 73d.....	Roan Gauntlet (35284).....	Wm. Duthie
Victoria 58th.....	Pride of the Isles (35072).....	A. Cruickshank
Victoria 43d.....	Champion of England (17526).....	A. Cruickshank
Victoria 36th.....	Baronet (15614).....	A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

**ARDMORE STOCK CO., - HOLSTEIN, IOWA**

# SHORT-HORN CATTLE SALE!

At Evergreen Stock Farm, Vinton, Ia., June 19.

ABOUT 50 head of imported and home bred Scotch and Scotch-topped young cows, heifers and bulls, including the splendid Cruickshank herd bull, Prince Royal. The females are mostly two and three-year-old heifers, sired by Prince Royal and bred to Scotch Fancy, he an exceptionally good young Scotch bull from an imported dam, and included in the sale. The 15 bulls include several Scotch herd headers. All are nice reds and good. Catalog June 1st. Write for it, mentioning The Homestead.

**N. P. HALGREN,** - VINTON, IOWA

# 9 Cruickshank

# Short-horn Bulls

For Sale

**S. H. THOMPSON'S SONS,**  
IOWA CITY, IOWA.

We offer for sale, until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

# A SPLENDID LOT OF SHORT-HORN BULLS

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshall. Can sell one or can fill out a load. Address,

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Short-Horn Cattle, Poland China Hogs

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**BARRED PLYMOUTH ROCK CHICKENS.**  
Good Individuals a Specialty.

Eggs from our excellent stock for sale at right prices. Hog sale in the fall.

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WE have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two year-old heifers of best Scotch tribes, mostly reds and all bred.

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I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,

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CLEAR The Way 231482, winner 1st in 2-yr-old class C and 1st as Ia. Cham. Ia. State fair, '06 heads herd. Herd boars Defender 98447, by 'Corrector' 63379, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

**G. H. George, Monticello, Ind.,** breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 6 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

**BACH GROVE STOCK FARM.**  
**F. M. ZENOR, WOOLSTOCK, IOWA**  
Breeder of Short-Horn Cattle:  
Families represented: Princess Royal, Duchess of Chester, Mysie, Roan Bess, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804.

# Bulls For Sale

THE Iowa State College is offering for sale one good Short-horn herd bull coming three years old; five Short-horn bulls coming one year old; three yearling Red Polled bulls and one Holstein coming one year old. All of good breeding, good individuals and at reasonable prices. Address,

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AMES, - IOWA.

# JONES COUNTY HERD OF SHORT-HORN CATTLE.

HEAD BULLS, Sittytton Sort 173649 and Wampum of Wayside 243046. We have one red roan bull, two years old, for sale. He will make a good bull for some one. Write for prices and descriptions.

**SHORT-HORN SALE OCT. 2, 1907.**

**TYRRELL & SONS, Props.,**  
Oxford Junction, - Iowa

# SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

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Otter Creek Stock Farm.

# CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron.

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Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

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HAMPTON'S COUNSELOR 264533.

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SHORT-HORN CATTLE.

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# CATALOG Of Young Bulls For Sale Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

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Room 316 Flynn Building,  
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# SCOTCH BULLS FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

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# SCOTCH BULLS

Got by  
**IMP. MUTINEER 172547.**

MUTINEER is of Murr's Missie tribe and was got by Banton Chief and out of Imp. Missie, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

**A. C. BERRY,** - Unionville, Mo.

# Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Mount Archer heads herd. Write for private catalog.

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Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

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ALL REDS AND DEHORNE.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,  
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100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopeful Knight. Bulls for sale at all times.

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**3 Scotch Herd Bulls 3**  
AT MALAKA FARM.

Two Reds, One Roan. Rare Bargains.  
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EIGHTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. **JESSE BINFORD & SONS,** Albion, Iowa, or Liscomb, Iowa.

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from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers  
for sale. Popular prices for high-class  
stock. Address

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Call at Way's Hardware Store for free conveyance  
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Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

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**Beau Donald Bulls** Sired by the great **Beau Donald 12th 90957**, one of the greatest  
Hereford bulls in America, and out of **Wild Tom, Stone Mason**,  
**Cudillac**, **Archibald** and **Hesiod** cows. Also have a few good bulls sired by **Beau Brighton**  
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A finer string of range | Some herd bull material  
bulls cannot be found. | will be found among these.  
Come and see them as they are right every way.  
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HEREFORDS

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at head of herd. The blood of **An-**  
**xietty 4th** The Grove 3d, **Hesiod** and  
other great bulls predominates in  
my herd. Young stock for sale at  
all times. Write me and tell me  
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**TWENTY BULLS** from one to three years old,  
ten heifers two years old, 25% discount for  
30 days. Now get busy! Address,  
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an imported bull. All good stuff, and will be priced  
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40 Choice Hereford Bulls  
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**R**ANGING in age from twelve months to two  
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**F**OR sale, (Imp.) **Islam 145786**, and also choice  
young bulls, ranging from 11 to 24 months old,  
well bred, and good individuals.  
**A. F. HAGER, - AVOCA, IOWA.**

**20** HEAD of reg. Hereford cows and heifers with  
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**lighter**, very cheap. **Frank Festl, Nora Springs, Ia.**

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Thoroughbred Red Polls for Sale.

**O**VER 100 head to select from. 25 bulls ranging  
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RED POLLED CATTLE.

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**City, Lincoln county, Iowa** Over 300 cows in our  
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**80** HEAD in herd. **Ira 8253**, an International  
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Iowa and Neb. state fairs in 1904. Is at head of herd.  
Choice bred bulls, also some heifers and cows for sale  
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**I** HAVE five extra good large-boned Red Polled  
bulls for sale now. I breed for size and bone  
with quality. Write me at once.  
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**E**ITHER sex for sale. Have show stock. Prices  
reasonable. Equal to the best. **Kestel &**  
**Schroberger, New Lenox, Ill., or Gardner, Ill.**

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**C. M. & St. P. and C. R. I. & P. Rys.**

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**20** head, at reasonable prices. **Frank L. Pim,**  
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and American bred, on hand  
and for sale at all seasons of  
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**Henry Lefebure, Fairfax, Ia.**  
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**W**E will soon be in Europe searching for another  
shipment of those high-class European stal-  
lions, such as have made our reputation during the  
past few years. A few stallions still on hand and for  
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**I**MPORTED and native-bred, ranging in age from  
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**Buy from the breeder, not the dealer.**  
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**B**LACK U. S. 47895 (black) and **Billy U. S. 47894**.  
Each three years old. Good ones with good  
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prices or come and see this great colt.  
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**I**MPORTED and home bred, from two to seven  
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you want a stallion, come and see me.  
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**W**E are offering at a bargain an extra good Cly-  
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Mares for sale. **Geo. W. Bilbo, Creston, Ia.**, suc-  
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HORSES. Best Home-Bred Registered Percheron

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**I**MPORTED Shire, Belgian and Percheron stal-  
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IAMS. IAMS' "SELLING CLOTHES" "FIT" "all the boys." He saves thousands of  
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Write for eye-opener and greatest horse catalog on earth.  
References: St. Paul State Bank, Citizens National Bank

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Has the biggest and best barn in the  
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**BIGGEST and BEST lot of**  
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The last chance to obtain a colt by **SAMSON**  
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150 head of horses, showing more bone, size and  
quality than any similar number in America.  
**TAVERNIER, E. 35719 and E. D. 12810** now at  
head of the stud. Prices below competition.  
Barn at **Moose Jaw, Sask., Can.**, in  
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**B**reeders of Percheron Stallions. We exhibited 11 stallions at late  
Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-  
olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on  
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places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on  
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**100 Stallions and Mares.** Big ton stallions and a fine selection of  
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The imported Brilliant bred stallion **Blande (36577)** at head of stud. Thirty  
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FOR SALE.

**LORD TENNYSON 48208**, 2,200 lbs., Iron  
gray, one of the best horses in the west; four  
years old; measurements: girt, 7 ft., 11 inches; 17½  
hands high; fore arm 24 inches; hind arm 25 inches.  
All right in every way. **HORDEAUX**, coming  
three, black, weight 1750 lbs., and an excellent colt.  
Also have a good Percheron filly for sale. Address,  
**J. S. COLDER, - SCRIBNER, NEB.**

**SHIRES, PERCHERONS, BELGIANS**—Im-  
ported horses, \$1,000; home-bred stallions, \$250 to  
\$750; also Shire mares. **A. LATIMER WILSON**,  
successor to **L. Banks Wilson**, **CITESTON, IOWA.**

FOR SALE.  
Percheron, Clyde

**Stallions and Mares**  
**At prices all can buy.**  
**Also Short-Horn Cattle, Both Sexes.**

**Ask for Private Sale Catalog and see how**  
**many animals offered to buyers.**  
**Stallions sold to companies, if desired.**

**Address, A. H. BRETT,**  
**Mason City, - Iowa**





VOL. LII. NO. 19.

DES MOINES, IOWA, MAY 9, 1907.

WHOLE NO. 2599

### AN IMPORTANT NEED ON HIGH PRICED LAND.

Most of us in our affairs do a great deal of imitating—that is, we follow the example of others. This may be done unconsciously in many cases, but it is done just the same. In agricultural matters it is important that we follow after men who are working along right lines.

There is not a township in the great central or southern West but what can show a dozen or more of what you might call first-class farmers. These are the men whose affairs should be studied by the average man and whose ways should be imitated, in a measure at least.

One of the most successful farmers of the great central West recently stated that in his opinion the greatest need now in this area is more and better fencing. His doctrine was that every fence on the farm should be hog-tight so that hogs, instead of being raised in dry lots around the buildings, could run hither and thither over the pastures, over the stubble fields and, when the corn is husked out, over the corn stalk fields.

It was the belief of this man that farmers could sooner or later eradicate absolutely the disease of swine plague and cholera by adopting this plan. It adds stamina to the breeding stock, and it certainly paves the way for making cheaper pork. Of course by using more grass and less grain it may take a little longer to finish hogs, but in his opinion one hundred pounds can be made cheaper by taking a year or fourteen months to do it than can be done by making it largely on grain in nine or ten months. We believe that this is good, sound doctrine to preach to our readers. Fencing, it is true, is costly, and yet prices are by no means prohibitory. Let us compute for a moment what a hog-tight fence costs. The woven-

cost of the fencing. It is not our thought that any man will undertake to fence his farm with hog-tight fence all at once, but by adding forty, eighty or one hundred rods a year the task will soon be finished and in the meantime the increased income from the hog end of the farm will take care of the fencing bills.

### THE PRACTICE OF RINGING HOGS.

A Missouri subscriber sends the following communication:

I do not believe that I have ever seen the question discussed in your paper as to the advisability of ringing hogs. I have always been under the impression that hogs were spending their time profitably while they were rooting, because it seemed to me that they were getting something nature intended them to get or they wouldn't be so engaged.

However, I have a big bunch of sows this spring that are rather changing my notions on the subject, but before I change my practice I thought I would submit the subject for your consideration. Some of my old sows have run down almost to skeletons. The more they root the more they seem to like the operation, and I notice that the most arduous rooters have the thinnest pigs. Please discuss the subject and submit it to your readers in order to get their advice on this topic.

It is an undisputable fact that brood sows sometimes spend too much time in turning over the soil. It is possibly true that they are after something that nature intended them to get, but we have noticed that where the practice is stopped by ringing they generally remain healthy and as a rule they increase after that in their milk flow.

We do not desire to place ourselves on record as favoring the practice of ringing hogs under all circumstances, but we do believe that in some cases the practice is to be highly recommended. We have found from experience that it is not necessary to ring all the brood sows because some of them will not spend over half an hour a day rooting, while others will work hours at a

time. The latter, we believe, should be rung in the interests of the suckling pigs.

Not long ago we visited a 1,500-acre farm where five or six hundred young pigs are raised annually. There were about 400 little pigs on hand at the time. Some of these were in excellent shape, indicating that their dams were good milkers, while a considerable number had a pinched appearance. Upon inquiry we found that while all the sows had access to a large timber pasture, only part of them were strenuous rooters. The owner stated that he had sows that would root four or five hours steadily without ever stopping, and necessarily the pigs of such a sow were being neglected. Such labor on the part of the sow certainly cut down her milk flow, because energies that should have gone in the direction of milk production were spent in useless labor. The owner of these hogs confessed that he had made a great mistake in not taking the matter in hand earlier and ringing these chronic rooters.

Of course where one only has small pastures it is generally necessary to resort to the practice of ringing all the hogs, otherwise they will work too much destruction to the clovers and grasses. It is advisable of course to make some effort to supply mineral matter when this is done, in the form of charcoal or wood ashes, because undoubtedly the rooting habit is acquired to some extent because of the desire for mineral matter as well as insects and roots.

One farmer recently stated in our presence that he considered it a great blunder to ring hogs because of the fact that he never knew a case where hogs addicted to the habit of rooting contracted disease. While there might be something in this theory, at the same time we believe hogs may be kept just as healthy if they are given free range,

plenty of pasture and allowed access to mineral matter.

### WHY NOT HARROW CORN?

Looking back a decade or two one can recall the preaching of strange doctrines relating to agricultural matters. The farmers' institute must bear its share of fathering not only strange doctrines, but unsound doctrines, though, of course, the agricultural press is not exempt entirely.

We are started in this train of thought by the remembrance of a stirring address delivered a few years ago at a farmers' institute on corn growing. The speaker in this case, who was not only a good theorist, but was a practical man, advocated sound notions about preparing land for corn, and when asked whether it was advisable to harrow corn after the time of germination, in substance said:

It certainly pays to harrow corn after it comes up, but before it is large enough to cultivate. The harrow will kill the weeds, create a mulch which conserves moisture, and will do more good than can be accomplished by two or more cultivations later on. Some of you shake your heads and imagine that the harrow will work havoc in a corn field after the plants are two or three inches high, but I beg leave to differ with you on that point.

A few years ago I ordered a man to harrow a forty acre field of corn. I was obliged to leave home soon after giving this order and expected that the work would be finished when I returned. To my surprise I found that the man had only harrowed an acre or two when he suspended business, it being his thought that he was absolutely destroying much of the corn. It so happened that the field was never finished and the yield of the strip that was harrowed at that time was at least ten bushels more per acre than the balance that was not harrowed. Since that little experience I have been a strong advocate of the harrow, and I urge the farmers present to take the word of one who has had experience along this line and follow his example.

No doubt many followed his example because we can recall the time when practically every farmer did more or less harrowing after his corn was up. The

practice was not generally continued, though one will occasionally see the harrow in a corn field doing the important work of destroying weeds and creating a mulch. But the harrow does more than this and in all probability tears out anywhere from 5 to 10 per cent of the corn plants. No doubt therefore why the gentleman whose words are quoted above obtained a larger yield from the harrowed corn than from the other was that in the first place his stand was too thick and the harrow thinned it down to suit the fertility and moisture supply in the soil. Nowadays, however, men adjust this matter at planting time, aiming to put in seed that will grow and use it in just such quantities as will contribute to the largest yield if it all germinates. We therefore say that in modern times corn



Avondale, the noted prize winning son of the Champion Whitehall Sultan, at the head of the well known herd of Short-horns, owned by Messrs. Carpenter & Ross, of Mansfield, Ohio. A number of cows in the forthcoming sale of this firm are either safe in calf to this noted bull or have calves at side by him. See Field Notes.



fields should not be harrowed after the plants appear above ground. True it is that weed destruction is important, as well as the creation of a mulch; but unless one has a stand that is altogether too thick the advantages derived from the harrow will be more than offset by the destructive effect of the corn plants. We believe that it is an excellent thing if the harrow can be run over the surface just before the plants appear to knock out the young weeds, to obliterate the planter marks so that these will not form a thick crust in case of heavy rains, and of course to create a shallow mulch.

VALUE OF THE DISK PLOW.

One of our subscribers from Polk county, Iowa, sends the following inquiry:

I would like if some of your readers who have had experience with the disk plow will give the result of that experience through the columns of your paper. There is some land in this county that cannot be plowed with the ordinary plow. I mean by this that the soil will not scour and that one can only do a job of rooting, which you can scarcely call plowing at all. I have been told that the disk plow will scour in this soil. If that is true I would very much like to have it confirmed by others.

We shall be pleased indeed to hear from those who have had experience with the disk plow. There is not a state in the entire central West but what some land can be found where the ordinary plow will not scour, and it is just such a condition as this, as we understand it, that the disk plow is designed for.

We desire that those who respond to this invitation shall describe the character of the soil, and especially state how the common plows work in it, and how the disk works by comparison.

Making Good Earth Roads.

To the Editor of The Homestead:

We have a system by which railroads are made and operated.

We have a great system of our schools, so one teacher can commence where the other one left off.

But we have no system by which our roads are made, and each builder commences where he pleases. He may tear up what the man does the year before. If so, both years' work is wasted. But with a system so one builder will commence where the other one left off, in a few years we will have fine dirt roads. If many of our roads are getting no better, as a great many of our people claim, then our money, in one sense, is lost.

To start with, don't hire a man to oversee the roads because he needs the money, but hire one that will earn the money.

Inasmuch as we are spending thousands of dollars each year on the roads without the results obtained that should be, we feel that we should have defined what a finished road is, and the uniform system by which such road is made and maintained.

The worst trouble at present is to get competent men to handle the road funds that are already raised for road making.

The work done on the road is more in a temporary than a permanent manner, or if a piece of road is made good it is at the expense of some other road, that is left almost wholly unworked.

Now, what I want to get at is to adopt a system whereby every dollar expended will help the next dollar expended. It is less expense to keep a good road in good shape than it is to keep a poor road passable.

A finished road is a nice, smooth oval from twenty to twenty-five feet wide, and from eighteen inches to two feet highest in center, except in low, wet land it must be wide enough so it can be thrown high enough to drain itself, or be drained by tile and thrown high enough to surface drain. All main traveled roads should be wider than less traveled roads.

All roads that are not finished as stated before should have furrows plowed on each side from sixteen to twenty-two feet apart, as straight as the lay of the land will permit. A straight road looks nice, and can be finished by the same number of rounds, no extra turning. The plowing should be done in early spring, while the ground is soft, for it plows easier, and it gives the ground time to mellow before grading, which should be done as soon as the ground is dry enough in spring. If the plowing is done but a short time before

grading, plow but one furrow on each side of road.

After this plowing is done in spring, as soon as dry enough go over road with plow and scraper and with such material as trustees provide, make and repair culverts, throw up low places, plow in ditches, if any, and do such work as grader cannot do.

When this plowing on each side of road has mellowed and is dry enough, put eight or ten horses on grader, or engine—always have plenty of power to pull grader—if horses, and the road has ditches on each side, string them out. It will take three rounds to throw this in.

Then commence again in same place, cut down as deep as you can well with grader, go one round, and then take off one team and put on drag and follow the grader with drag. In that way two rounds with grader followed by drag finishes the road, and makes it about eighteen or twenty inches highest in center. Follow last round with drag, for economy, as it does not take so much power to pull grader, and the same work is accomplished in one round that would take two with grader.

Next year, or any time you want to widen road, plow one furrow on each side of road and go two rounds with grader in same place. For the last round set the blade at greater angle, throwing dirt farther last round, then take off one team and put on drag as stated above. Repeat this until the road is required width.

This finished road may be kept up very cheaply by going a few rounds each year with the disk, and keeping it run in with a drag when the ground is dry; or a grade may be made with disk and drag.

The purpose of this system is to make the road good for present travel, and that every dollar spent in this way will help make a permanent finished dirt road. The main object is to get the center of road full so the rains do not tear



C. C. DYE.

up what work is done. Making grades a little at a time makes them more solid, and by moving ditches over a little at a time they do not get deep. Make grades at a very little cost by doing a little each year, using the funds as they come in. Instead of making a part of the road each year, we get over almost all of it, and in three or four years we will get a nice finished road

that will be easily kept up at a small expense.

Decatur Co., Iowa. C. C. Dye.

Value of Commercial Fertilizers

To the Editor of The Homestead:

The following inquiry comes from Mr. R. O. Vangilder, of Macon county, Ill.:

Last year I planted with my corn a fertilizer called Armour's Corn, Wheat and Oats Special. I planted it only on the high, thin spots. It made the corn grow faster and at the time the corn was laid by the fertilized corn was as big as the corn on the richer part of the ground. But the dry weather and grub worms set it back so that I could not tell at the time it was gathered whether the fertilizer did any good or not. I am thinking of trying it again, but some tell me that the sulphuric acid used in the fertilizer will kill the land. I wish to inquire if this is so? I would like to try that fertilizer again, but I do not want to put anything on the land to injure it, as it is poor enough now. Have you any bulletins on fertilizers? If so, I would like to have them. I paid \$20 a ton for that fertilizer I used on the corn last year. What is the reason clover will not make a catch on this ground? Once in five or six years I can get a stand.

The composition of Armour's corn, wheat, and oats special fertilizer, as given in a little booklet, published by Armour and Company, is as follows:

	Per cent.
Ammonia .....	1
Potash .....	1
Available phosphoric acid .....	7
Total phosphoric acid .....	9

These constituents are not elements of plant food, but they are compounds in which the elements are contained. Thus, ammonia contains 82 per cent of nitrogen; so-called phosphoric acid contains 43.2-3 per cent of phosphorus; and potash is a compound of potassium and oxygen, containing 83 per cent of the element potassium. It should also be understood that the total phosphoric acid includes the available phosphoric acid. It would be simpler to say available phosphoric acid and unavailable, or inert, phosphoric acid. By making these computations, we find that this fertilizer is guaranteed to contain the following percentages of plant food elements:

	Per cent.
Nitrogen .....	.82
Potassium .....	.83
Available phosphorus .....	3.49
Inert phosphorus .....	.87

These are the percentages according to the minimum guarantee, but the Illinois law allows a deficiency of 1 per cent below the minimum guarantee before it can be considered as evidence of fraudulent intent. You will see that this would permit dropping out all of the nitrogen, potassium, and inert phosphorus and reducing the available phosphorus to 2.49 per cent, or less than fifty pounds of phosphorus to the ton. I may say that this amount of phosphorus can be purchased in acid phosphate for \$6.00, in steamed bone meal for \$5.00, or in raw rock phosphate for \$4.00.

We can usually buy plant food elements at the following prices:

	Per lb.
Nitrogen in dried blood or sodium nitrate .....	\$.15
Potassium in potassium chlorid .....	.06
Phosphorus in acid phosphate .....	.12
Phosphorus in steamed bone .....	.10
Inert phosphorus in rock phosphate .....	.04

I do not think Armour & Company take any advantage of the legal privilege of putting out a fertilizer 1 per cent below the guarantee. The official analysis of this fertilizer for 1906 was as follows:

	Per cent.
Nitrogen .....	.90
Potassium .....	.95
Available phosphorus .....	3.63
Inert phosphorus .....	.23

Computing from this actual composition with the prices given above we get the following results from one ton of this fertilizer.

Nitrogen, 18 pounds at 15c .....	\$2.70
Potassium, 19 pounds at 6c .....	1.14
Available phosphorus, 73 pounds at 12c ..	8.76
Inert phosphorus, 6 pounds at 4c .....	.24

Total commercial value .....	\$12.84
Total value of phosphorus only .....	\$ 9.00

From this it is seen that the fertilizer for which \$20 a ton was paid contains only \$12.84 worth of plant food.

It should be kept in mind also that for use in general farming in this state nitrogen is not worth fifteen cents a pound because it will not give a sufficient increase in crop yields to pay fifteen cents a pound for it, and this is also true of potassium at six cents a pound.

Furthermore, there is an inexhaustible supply of nitrogen in the air upon which we can draw by means of clover and other legumes, and there is an inexhaustible supply of potassium in the soil which we can liberate as needed by turn-

### Help the Horse

No article is more useful about the stable than Mica Axle Grease. Put a little on the spindles before you "hook up"—it will help the horse, and bring the load home quicker.

## MICA AXLE GREASE

wears well—better than any other grease. Coats the axle with a hard, smooth surface of powdered mica which reduces friction. Ask the dealer for Mica Axle Grease.

STANDARD OIL COMPANY  
Incorporated

## Lightning Rods

Farmers wanted to buy 98% Pure Copper Cable Lightning Rods. Write for prices and samples to

**JOS. H. BARNETT & CO.**  
Riverside, Iowa

### CAMO DIP

ARMSTRONG'S HOG, SHEEP AND CATTLE DIP.  
STOCK CONDITIONER, WORM POWDERS AND POULTRY REMEDIES.  
Everything GUARANTEED. Write for Free Booklet, and Prices before buying elsewhere.

ARMSTRONG STOCK REM CO  
Des Moines, Iowa

### Going to School or Learn a Trade?

If so, write for our fine new catalogue giving complete information about the special opportunities offered for obtaining an education in almost any subject and learning some of the best trades. Address O. H. LONGWELL, Pres. Highland Park College, Des Moines, Ia.

ing under decaying organic matter, as clover, farm manure, etc., so that it is not only unprofitable to buy nitrogen and potassium, but it is unnecessary. Consequently the agricultural value of this fertilizer; that is, the value to the farmer, lies in the phosphorus which it contains, which amounts to \$9.00 a ton, counting the available phosphorus at twelve cents a pound and the inert phosphorus at four cents a pound. It should also be understood, however, that one can buy inert phosphorus in the form of raw rock phosphate and make it available himself by the same means he must use to liberate potassium from the soil, namely, by plowing under the phosphate with farm manure, clover, or other green manures. In finely ground natural rock phosphate one can obtain for \$3.12 (counting four cents a pound for phosphorus) as much phosphorus as was obtained for \$20 in this so-called "complete" fertilizer.

Illinois circular 96, "Soil Improvement for the Illinois Corn Belt," gives some information relating to difficulties in growing clover, and shows that the yield of clover has been more than doubled by the use of phosphorus on the ordinary Illinois prairie land. Of course, we sometimes have such weather conditions that clover fails even on the richest land, and on some very thin lands the supply of decaying organic matter is too small to make available a sufficient supply of potassium and other mineral elements.

On some of the worn timber lands, and in southern Illinois, on the ordinary prairie land, we find that the soil is also acid and consequently deficient in limestone. Some bulletins and circulars which are now in press will give further information relating to the use of lime and ground limestone. Cyril G. Hopkins.

University of Illinois.

MISSOURI LANDS FOR SALE.

Mr. Harry M. Rubey, of Macon, Mo., is offering 280 acres of what he considers the best land in Macon county, Mo., for sale in his advertisement that appears on page 15 of this issue. There are two sets of improvements, one being a new cottage just completed, and a fine barn, besides two old barns and an old house, all in good repair. Everything is in first class condition. The farm is located seven miles from the county seat and one mile from Excello, on the Wabash railroad. It will be sold on easy terms at the price named in the advertisement.



## Farm Furrows

Turned by a Practical Farmer.

Some incubators never hatch anything but trouble.

Judicious advertising is an investment, not an expense.

It is up to the old-timers to dig out their records of cold-dry springs.

According to advices from Wall street, the crop of spring lambs must have been a failure.

A little recreation is as necessary to the steady working farmer as oil is to machinery.

At this time of the year we often see the combination of low test and scant flow of milk.

Mixing one can of poor cream with one can of good cream is apt to make two cans of poor cream.

Sowing weed seeds with small grain is a good deal like giving ammunition to the enemy in war.

Horses, cattle, and sheep never do very well when herded in the same lot. Too many animals are injured.

Soak peas for twenty-four hours in warm water before planting, if for no other reason than to give them an even start with the weeds.

Quite a few dream and plan what they would do if they only had the money, but fail to plan how to make the most of what they have.

Simplicity and elegance should be characteristic of the farm home. Costly knickknacks and showy furnishings promote a small degree of comfort and good cheer.

It is a problem in my mind whether to enclose the stock lots for the most part with woven wire fencing or with a board fence. Send your views in to our editor.

The crow is the crook of birds that frequent the farm and his every action indicates it. He governs himself on the theory, I believe, that evil is all right when not found out.

The papers tell of a woman who did not speak to any man for twenty-seven years, after having been jilted by a faithless lover. How often we punish ourselves instead of the offender.

It is said that when boys wear their hats tilted it is an indication that their heads are not level. Seems to me the fact would be found out soon enough anyway, without this outward demonstration.

Some of the merchants in the smaller towns seem to think they have been handed a lemon in the two-cent fare bill, because they are afraid their regular customers will go to the larger cities to trade.

A very good auger bit rack can be made by using two screw eyes for each bit, one large enough so the shank will slip through, and the other about four inches below, just large enough to hold the shank firmly.

Believing that the high assessment of pure-bred stock is illegal and unjustifiable, the stockmen in Kansas will confer with the tax commission in the near future and will attempt to convince them that such is a fact.

A painstaking student at Cornell University took the time last year to count the blossoms on a certain apple tree. He found the number to be something like 4,000. This same tree was well loaded with fruit in the fall, but of the 4,000 blossoms only six hundred

## JOIN THE UNITED STATES NAVY

GOOD PAY, with board, lodging, medical attendance free. Every recruit is given a \$45 outfit of clothing. \$5 increase pay for re-enlistment. Opportunity to learn trade. Ages 17 to 25 for apprentice seamen, 21 to 35 for mechanics. Address, Navy Recruiting Stations, Des Moines, Cedar Rapids, or Davenport, Iowa; Omaha, Lincoln, Neb.; Sioux City, Ia.



# Harvest Time

## Draws Near and Nearer

### ARE YOU READY?

**I**F you have a crop of grain or grass growing, you naturally are beginning to think more and more about how you are going to reap the full benefit of the year's growth.

How you are going to turn what Mother Nature has given you, into the largest amount of golden dollars—

—How you may harvest your crop at the least expense, with the least delay and with no avoidable trouble.

Now is the time to make your decision—not just before you begin to cut your grain or hay.

You want to be sure that you are ready for harvest—that you have a harvesting machine not of the "may-be-so" kind, but of the "know-for-sure" kind—a machine that you can depend upon with all certainty and assurance.

You can't afford to try "to get along" with a wornout machine, for in all probability it will waste more time, more of the crop, and more of your nervous energy, than a new machine costs.

Neither can you afford to experiment with a machine. Let others do that if they want to and think they can afford it, but as for you, make up your mind to use *only* such machines as time and experience have proved to be successful and dependable.

For, after all, that is the only way in which you can arrive at a wise decision. All over the world during the past thirty to forty years, farmers have been using harvesting machines of many kinds and many types of construction.

Some they condemned beyond all hope, the first time they tried them.

Others they gave a second trial, only to find them wanting.

While to a few—a very few—they awarded the stamp and seal of their approval season after season and year after year.

Does not that mean something to you?

Do you know of any better guide than the thirty years' experience of *all* the grain and grass growers of the world?

Could you in a whole lifetime of investigation arrive at a surer decision than *all* the farmers of the country put together?

Of course not.

You know that in this day, the wide-awake farmer knows what he is about. If a majority of farmers favor a certain line of machines, it *must* be because that line has *proved* its value.

There can be no other reason.

And there *is* no other reason for the popular-

ity and reputation of the six leading makes of harvesting machines now known as the International line:

**Champion, McCormick, Osborne, Deering, Milwaukee, Plano.**

Their popularity has increased from year to year because every year they prove to more and more farmers that they can be *depended upon* with certainty.

And today they are better than ever before in their history.

The International Harvester Company is able to employ, in the design and construction of each machine, every principle and every mechanical idea that more than thirty years of experience in this special line has demonstrated to be of value.

The International Harvester Company is able to command at all times, the very best materials that forest and mine produce—not only the lumber from its own forests and ores from its own mines, but by reason of its steady and increasing requirements and the desirability of its trade, it secures the pick and choice from hundreds of lumber camps, mines and mills.

The International Harvester Company very naturally attracts to its factories the most expert workmen, the most skilled mechanics; so that it has constantly at its command every facility for the improvement of its machines,

—every mechanical principle that experience has approved,  
—the choicest materials,  
—the most skilled workmen.

Do you wonder, then, that so many farmers all over the world refuse to use any other than these standard machines?

Do you think you can afford to begin harvest without first getting one of these machines?

### See the International Dealer

and get a catalog of whichever machine you want. If you don't know an International dealer, write us and we will give you the name of the one nearest you.

Don't forget this other advantage. If your team runs away or an accident occurs, you can *always* get repairs for an International machine near at hand, and they *always* fit. A full stock of repair parts is carried at every agency.

Equal in importance with a perfect machine is perfect twine. The most perfect twine made may be had in Champion, McCormick, Osborne, Deering, Milwaukee and Plano, sisal, standard, manila and pure manila brands.

## International Harvester Company of America, Chicago, U. S. A.

(INCORPORATED)

**International Line:**—Binders, Reapers, Headers, Header Binders, Corn Binders, Corn Shockers, Corn Pickers, Huskers and Shredders, Corn Shellers, Mowers, Hay Tedders, Hay Rakes, Sweep Rakes, Hay Loaders, Hay Stackers, Hay Bales, Feed Grinders, Knife Grinders, Cream Separators, Gasoline Engines, Pumping Jacks, Manure Spreaders, Weber Wagons, Columbus Wagons, Bettendorf Wagons and Binder Twine.



developed into an apple. It seems nature adjusts matters so that a little "freeze" may take some and yet leave a plenty.

If anything occurs to unduly excite a cow while milking, take a sample of what you get, test it, and compare with tests at other times; also take a sample of the first few streams from a cow

and compare with a sample from the stripping at the same milking, but never try to force a cow to give down her rich milk by kicking her in the belly.

A fact which I am certain of is, that to sell breeding stock to the best advantage the sire and dam must be in good condition. The animal is valuable principally for its ability to grow flesh.

The only indication of fleshing qualities of the young animal is exhibited in its parents.

Weights were taken recently on a carload of fat hogs on the Chicago market before and after their "fill," a term well known to shippers. The difference was 480 pounds, which at the current price made over thirty dollars for the load.



### 10 Points to Consider When You Buy A Buggy.

Buy direct from the factory. My \$45 Knox Special Top Buggy is sold that way. No dealer's profit for you to pay. No salesmen or jobbers for me to pay to sell my buggies. I sell direct to you. Get my Knox Buggy on 30 days' trial. Use it a month, test it in every possible way, and send it back if not satisfied. And I will pay the freight both ways.

Be sure your buggy is guaranteed by a reliable maker. I guarantee the Knox for two years. That is another advantage of dealing directly with me.

My \$45 Knox Top Buggy is a comfortable rider. It has a wide, roomy seat. That very same buggy at your



local store sells from \$75 to \$90. So you easily save \$30 in jobber's and dealer's profit.

The body is 24 inches by 54 inches. The gear is oil tempered. Long distance, full clipped axles. Easy riding spring. Full plated reaches.

The shafts and wheels are guaranteed to be split hickory. Oval edge tires.

My Knox buggy is handsomely painted and tastily upholstered.

It has a four how leather top. In short, it's the leader of my big line of buggies, carriages and vehicles of all kinds. Remember, I sell them all straight from shop to buyer, guaranteed, and a big saving to you.

Send for my big buggy book. It's free. Tells more about my line. But order my \$45 Knox Buggy now, right from this advertisement. You are safe. Address

R. M. Knox, President,  
Western Harness & Supply Co.,  
613 Commercial St., Waterloo, Iowa.  
P. S. Have been advertising in The Iowa Homestead for six years.

## THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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**THE HOMESTEAD COMPANY,**  
Des Moines, Iowa.

### GOVERNMENT WHITEWASH.

An Illinois subscriber, E. B. Ferris, asks for a recipe for whitewash to be applied to old buildings. We possibly cannot do better than to give the formula for government whitewash. Take one-half bushel of unslacked lime, slack it with boiling water, cover during the process to keep in steam, strain the liquid through a fine sieve or strainer and add to it a peck of salt previously dissolved in warm water, three pounds of rice boiled to a thin paste and stirred in while hot, half a pound of Spanish whitening and one pound of glue previously dissolved by soaking in cold water and then hanging over the fire in a small pot hung in a larger one filled with water. Add five gallons of hot water to the mixture, stir well and let it stand a few days covered to protect from dirt. It should be applied hot for which purpose, it can be kept in a portable furnace.

### A Word on the International Barrow Show.

To the Editor of The Homestead:

Some time ago I noticed a quotation in your paper from an address delivered by W. Z. Swallow at the annual meeting of the Iowa State Board of Agriculture. According to the remarks quoted, Mr. Swallow was of the opinion that injury was done the swine industry by placing the grand championship award on a Yorkshire barrow weighing 510 pounds.

In a class like grand championship in barrows at the International Live Stock Exposition I do not think that the market requirement ought to be considered and, as I look upon it, it is simply a matter of selecting the best hog irrespective of size, according to the market standard of excellence, leaving size out of consideration. If this were taken into consideration it would be unfair to the majority of the animals in the class, as this is made up from the winners of the various classes, ranging from the lightest to the heaviest. The market nowadays requires a medium weight hog with a large per cent of lean meat of good quality. This hog need not necessarily have a very large ham, but it should have a ham that is plump and made up of lean meat with a moderately thin layer of fat on the outside. The hog should be symmetrical and of proper shape and good quality throughout, and dressing a high percentage.

As stated above, if in a show of this class the market requirement as to weight were taken into consideration the heavy-weight hog of any breed would not stand any show against a hog of the required market weight. But by placing the best hog first irrespective of weight, it gives every hog a chance and illustrates to the public the type of hog that is required by the market. If weight were taken into consideration in this class it would also be logical to say that no hog should be shown except those that weigh between 200 and 250 pounds, as these are the ones mostly in demand by the market, but nevertheless they have classes for pigs weighing 150 pounds and for hogs weighing as high as 500 pounds. I think the placing of the Yorkshire barrow first at the last International was entirely justifiable, as this was an exceptionally fine barrow. He was made up of the pro-

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portion of fat and lean that was ideal from the present market standpoint. Furthermore, he had a splendid back which would cut the best kind of a pork loin for the fresh meat trade. His ham was plump and did not carry too much fat. The hog had an excellent side, was well let down in the flank, the side firm and well carried out and would cut out an excellent side of bacon provided it were not too heavy, but he was the type of hog that should be adopted as the ideal. Aside from this, this hog had excellent quality and a very small percentage of the cheaper cuts of meat and no waste in the form of excess fat. Although the other hogs shown in this class were excellent specimens, I think the ribbon was placed properly. Illinois Exp. Station. Wm. Dietrich.

### WYOMING GOLDEN PRAIRIE FOR THE LANDSEEKER.

Over thirty years ago the Union Pacific railway was granted a large strip of country along their route through southeastern Wyoming in which is located the present growing town of Luther. Ranchmen owned some of this land, but fenced in the public land along with their own, thus preventing division of the territory into homes for farmers. There were, however, a colony of Swedish people who secured a foothold in this territory in the early '80's known as the Albin settlement. This colony has steadily improved their farms and perfected systems of tilling the soil which has made it possible to raise immense crops of small grain. Grazing has been good and stock and grain farming has been successfully carried on. This instance is cited as an example of what can be done in the way of farming in this region where the generally understood system of dry farming prevails. Last year the national government decided that fences surrounding government lands must come down and the man looking for a home on the cheap lands of the West must be given a chance. This is the real manner in which this region has come to be opened to the settler. In all there is something like 150,000 acres thrown open to settlement and farms are being taken rapidly. A settlement of German Lutherans has located at Luther and the town is making rapid growth. Luther is but twenty-six miles from Cheyenne. This is land that has been prized by the ranchmen, has been proved to be first-class farming land and is now being sold at prices that should interest every farmer who is seeking a western home. Page 24 of this paper is devoted to a description of this country. A coupon will be found in the lower corner, which if filled out properly with your name and address will bring you a map and literature. The Federal Land & Securities Company, 210 Fifth St., Des Moines, Iowa, have the sale of these lands in hand.

### YOUNG MEN NEEDED FOR FIREMEN AND BRAKEMEN.

Railroad employing officers on the principal roads of the country are experiencing difficulty in securing enough competent men for firemen and brakemen. As summer approaches this difficulty is becoming more and more noticeable. In fact the indications are that the business of the railroads will be handicapped early in the fall, through an insufficient supply of men. The idea of preparing men for these positions by correspondence is not new, but has reached its highest state of development only in the training given by the National Railway Training Association, of Omaha and Kansas City. The work of this association, which is to prepare men for the railroad service, is supervised

by railroad officials, and the training given is prepared by a high official of one of the largest roads. The training is so thorough and is such an excellent preparation for the work, that the graduates of this Association are always in demand. In fact men cannot be prepared fast enough for the many openings. Just a short time ago the association received a letter from one of the largest roads of the country requesting that between eighty and one hundred men be supplied within the next few months. Similar calls for their graduates are coming in from all over the country. The cost of the training is very small, and the association guarantees that its graduates successfully pass the examinations, or they will refund the money paid. Men are eligible between the ages of eighteen and thirty-five years. It will pay anyone interested in securing railroad employment to fill in the coupon on page 12 of this issue, and send it to either Omaha or Kansas City, when full particulars will immediately be sent.

### PIANO BARGAINS.

Many homes are looking to the advent of a piano. The old organ which has dispensed music to the family for years is being superseded by the piano. Every young person should aspire to some knowledge of music. The piano offers entertainment to the person of ordinary as well as of superior musical talent. Girls should be given instruction on the piano at an early age, as no accomplishment is so acceptable in society as musical skill. The cost of a piano is not exclusive. Right now high class instruments may be secured by the family of moderate means. Slightly used instruments that are as good as new, can now be purchased at a large discount on the original price. A Chicago firm has an advertisement of pianos on this page which is well worth the attention of prospective buyers. These instruments are offered by the old and reliable music firm of Lyon & Healy, 20-37 Adams St., Chicago, Ill. Write them for fuller details.

### GOOD PAY—EASY WORK.

This combination is offered in the positions which the Turkish Remedy Co., 500 Main St., Portland, Me., is advertising on page 6 of this issue. They desire to employ one honest person in each locality to deliver their supplies and look after collections. This company manufactures a complete line of family remedies and their business has grown so rapidly that they must hire more help at once. The person who secures this position will have entire control of the sales in his or her territory and may earn from \$80 to \$125 a month. No capital or experience needed as the company pays all the expenses and supplies a beautiful plush-lined sample case containing the seventeen different family remedies, worth \$13.40, together with booklets, circulars, etc. Send your application at once to the address given above. If you have a horse and rig, be sure to tell them so when you write, as they are particularly anxious to hire people who have rigs.

SENT SEVERAL OTHERS AND ALL WERE CURED.

The following testimonial speaks well for the institution of Drs. Thornton & Minor, of Kansas City, Mo., specialists in rectal diseases: "Warrensburg, Mo., March 13, 1904. Drs. Thornton & Minor, Kansas City. Dear Sirs: I will say I was afflicted with the piles for fifty-two years. Tried many doctors and remedies, spent much money and received no benefit. I went to you for treatment, and will say, with much satisfaction, I am now sound and well. Have sent several of my suffering neighbors to you and they have all come home cured. I shall endeavor to send other sufferers and will ever say a good word for you as long as you treat others as you did myself. Very sincerely, Judge William H. Bufford, Railroad Commissioner." Look for Drs. Thornton & Minor's advertisement in this issue and write them.

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PERITONITIS,  
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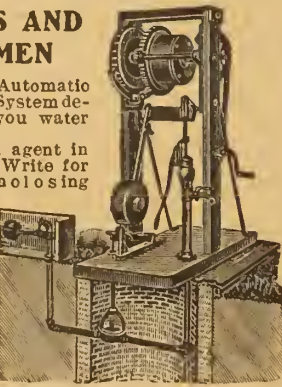
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When a bad burn, scald, sprain, wound, cut, bruise or other accident demands instant attention OLEO CURINE (guaranteed under the Pure Food and Drug Law) is invaluable. It is antiseptic—kills pain instantly—stops inflammation and cures with great rapidity. Indispensable in every household. By mail 35 cents a bottle. Send for booklet. Agents wanted everywhere in rural districts.

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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of neighbors. Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### EGG-EATING POULTRY.

Can you tell me what will stop my chickens from eating their eggs? I have tried a few different things, but nothing seems to stop them; they are well and fat.

Make nests in a dark place and have them ten inches off the floor, with tops so that hens must enter from the front. As the hens cannot reach the eggs from the floor and cannot well stand up in the nests they will soon be cured of the vice.

#### INJURED EYE.

We have a bay mare that is three years old. She either jabbed her eye out or got a little chaff in it in or near the sight, and a scum is forming on that portion of the eye. Have been washing it with soft water. Can you tell me what to do for it?

Wet the eye ball with a lotion of two grains of nitrate of silver in an ounce of distilled water once daily for ten days. We fear, however, that the condition of the eye may be due to periodic ophthalmia (moon blindness) which is incurable.

#### SOWS OFF FEED.

I have trouble in keeping my sows on feed after they farrow. They seem to like to feed better than eat. I feed only water the first day and the second give a little shorts which is increased up to the sixth day when whole oats and wheat are fed. The pasture is good.

It would be better to feed a slop of bran and a very little oilmeal at first and then change to a slop of middlings, bran, ground oats and ground barley with milk. Physic each sow with four to six ounces of epsom salts in slop and this may help to get her onto feed again.

#### TO TOUGHEN HORSE'S SHOULDERS.

Can you recommend any method by which horses' shoulders may be toughened so as to prevent them from becoming sore easily? Please give me a recipe for it through your valuable paper.

To toughen the shoulders of horses in spring sponge twice daily with a solution of half an ounce of tannic acid in half a gallon of water or make a strong decoction of white oak bark and use in same way. Some people prefer a saturated solution of alum. Keep collars clean and dry and have them fit properly. Always remove the harness at noon.

#### TUMOR FROM A KICK.

Two months ago one of my mares got kicked on the point of the breast bone and a large lump formed which is on the place where bruised. This proved to be a gathering of pus which later broke. However, the sore did not heal, but continued to irritate the breast and now there is a very hard lump there again, which liniment has failed to affect. What kind of treatment should avail in reducing the lump?

The only way to get rid of the offending tumor will be to have it dissected out by a veterinarian. The wound should heal speedily if properly cared for. Keep her tied up so that she does not bruise part on floor or manger.

#### TUMOR ON SHOULDER.

One of my mares has a lump on her shoulder the size of a small apple; it is hard and seems to be loose under the skin. When first noticed it was the size of a hazelnut, but it got larger and the collar commenced to hurt it, causing inflammation; there is no inflammation when she is not used. There was a lump on the same shoulder last summer, but it got well and I used her at heavy work all the fall and winter and it seemed to be all right until this started.

The best way to handle such tumors is to have them cut out by a surgeon. The wound heals rapidly if kept clean and treated with antiseptics such as a solution of coal tar disinfectant, or if packed with oakum saturated in a solution of equal parts turpentine and raw linseed oil. If not removed the tumors usually enlarge and often form pus when exposed to the irritation of the collar.

#### SCOURS.

I would like to have you tell me what is the matter with my calves. They are sick at birth or inside of two days. Instead of the characteristic evacuations of a new calf, they are whitish and very offensive. Calf soon loses appetite and is too sick to stand up. Please send treatment or preventive.

This form of scours is contagious and the germs causing it either to enter the body by way of the raw navel cord at birth or by the mouth when the calf sucks from an udder that has become tainted with the germs from manure or discharges from vagina. To prevent the discharge provide perfectly sanitary disinfected, sunny, ventilated, white-washed stables and pens. Wet navel of calf at

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birth, and twice daily until perfectly healed, with a 1-500 solution of corrosive sublimate. At same time sponge belly of calf and genitals and udder of cow with a 2 per cent solution of coal tar disinfectant and continue for at least two weeks. Abandon for the time being pens used by scouring calves. Feed cows well on oats and bran.

#### BOG SPAVINS.

I have a large draft colt about ten months old. Four or five months ago he began to lift his hind legs in a peculiar way. When walking he lifts the foot a little higher than he should and swings the entire leg outward. When trotting or moving rapidly I notice nothing wrong. I have examined his hips and stifles joints as carefully as I could, but can find nothing wrong with them. There seems to be a swelling on the front of both hocks. It is not hard and appears much like a swelling caused from a kick. He has always run in the pasture with the other horses and is exceedingly playful. Would this cause the swelling, and would the swelling cause him to walk the way he does? Would a liniment composed of iodine and glycerine be of any use? Any information you can give me in regard to this colt, will be appreciated.

The swellings in front of hocks are bog spavins, but would not be likely to cause the peculiarity in gait noted and that, we fancy, is an evidence of chorea (St. Vitus' dance) which is incurable. Rub the swellings with iodine ointment each other day.

#### FOUNDER.

I have a horse ten years old. He is very poor and has rubbed his mane all out. The skin on his neck is loose. He walks lame in front. It is either in his shoulder or his feet. I had his teeth attended to, but that did no good. He did not pick up at all. Is shod all around. What would you advise?

It may be that the horse is suffering from chronic founder (laminitis), but nobody could decide that or the exact nature of trouble without a personal examination. This should be made by a qualified veterinarian. If this cannot be done, then clip hair from hoof heads and blister with cerate of cantharides. Wash affected parts of skin with a 1-50 solution of coal tar dip; then rub in flowers of sulphur. Repeat as required. Feed black strap molasses freely, first mixing it with warm water, then stir-

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Are Hard to Cure, yet

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will remove them and leave no blemish. Does not blister or remove the hair. Cures any puff or swelling. Horse can be worked \$2.00 per bottle, delivered. Book 6-C Free. ABSORBINE, JR., for mankind, \$1.00 per bottle. Cures Boils, Bruises, Old Sores, Swellings, Varicose Veins, Varicocoele, Hydrocele, Allays Pain. W. F. Young, P. D. R., 40 Monmouth St., Springfield, Mass.

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### LUMP JAW CURE

and other recipes, worth \$100, price \$1. Warranted by an experienced farmer. Geo. W. Burns, Canton, S. D.

ring in with a mixture of cut hay, bran and corn meal. Use at least a quart of molasses twice daily with whole oats at noon and long hay at night.

#### Less Work, More Results.

Labor saving methods and contrivances have done more for the advancement of farming than any other industry in this country. How to economize on the hardest labor that falls to the farmer's lot—labor that always must be done by hand—is told in a practical way in an attractively illustrated and valuable book, published by the American Fork & Hoe Co., Cleveland, Ohio. While the present edition lasts our subscribers can procure copies free by writing to the above address and mentioning The Homestead. See advertisement on page 8.

#### BARGAINS IN FARM LANDS.

If you want to learn about exceptionally rare bargains in South Dakota farm lands or unusual business opportunities in the new towns in the magnificent new country being opened up by the Minneapolis & St. Louis R. R. extension write for beautifully illustrated descriptive pamphlet on the "New Empire," the farmer's and stockman's paradise. This pamphlet will be mailed free. A postal card will do it. Write at once before edition is exhausted, to A. B. Cutts, G. P. & T. A., Minneapolis, Minn.

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Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

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describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

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They constitute the future herd. VACCINATE NOW WITH THE ORIGINAL PASTEUR (BLACKLEG) (Cord form) VACCINE CO. (Blackleg Vaccine) (Powder) Produced by the Discoverers: Profs. Arloing, Cornevin and Thomas.

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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

LAW QUESTIONS CONSIDERED.

TELEPHONE INSTRUMENT—FIXTURE.

Mr. E. McClintock, Northville, So. Dak.—A man sold his farm without saying anything about a telephone instrument which was in the house fastened to the wall by screws. Can he reserve the instrument and remove it from the house, or does it go to the purchaser, as a fixture?

Answer.—We think it goes with the house to the purchaser as a fixture, and that the seller has no right to remove it.

ORAL DITCH AGREEMENT.

A Subscriber, Manlius, Ill.—My neighbor has land adjoining mine on the north. There is a small ditch that carries water from his land down to the line between us, and it used to flow across my land to the main ditch, without any ditch at all. When I put in tile some years ago my neighbor agreed to help dig a ditch along my north line, eastward to the main ditch. I dug half of it, he claiming to be sick at the time, and I finally dug the other half, to prevent a flood on my land. When I clean out this ditch, my neighbor refuses to help me. He denies that he agreed to help keep up the ditch. Can I compel him to make a ditch on his south line to carry off the water to the main ditch?

Answer.—You cannot.

FENCE IN PUBLIC ROAD.

An Iowa Farmer.—A has moved his fence out into the road, away from the old fence line where it has stood for twenty years or more. (1) Had he a legal right to do so? (2) Can he be compelled to put the fence back on the true line? (3) If so, what steps are necessary? (4) Would the fact that his tenant moved the fence without his knowledge excuse him?

Answer.—(1) He had not. (2) No; a man cannot be compelled to fence along the public road at all. (3) While he cannot be compelled to fence along the roadway, he cannot keep a fence standing in the roadway, and the road authorities can remove it as an obstruction, and prosecute A for obstructing the public road. (4) It might excuse him so far as a criminal prosecution is concerned, but would not prevent the road authorities from removing the fence.

PARTITION OF ESTATE.

A Subscriber, Little Falls, Minn.—A and B were husband and wife living in Iowa. B had real estate there in her name. She died without a will, leaving a husband and children. Her estate was never divided between them. A died recently, and all the children are of age. (1) Could A in his lifetime have lawfully deeded his share of B's estate to one of their children? (2) What steps should be taken to have the property sold and the proceeds divided among the heirs? (3) Could the property be sold if all the heirs but one consents? (4) Suppose the deed and abstract of title are lost, or one of the children has them and refuses to give them up, but the deed is recorded, could the property be sold without them?

Answer.—(1) He could. When B died A was entitled to one-third of her property, and he had a right to deed his interest to a child or anyone else. (2) If the heirs cannot agree among themselves to have it done without legal proceedings, then it will be necessary for one or more of the heirs to bring suit against the others in the district court for partition of the land, and perhaps probate proceedings also. (3) It could by legal proceedings. (4) The record copy of the

deed with a new abstract could be used in place of the lost documents.

FENCE ON PUBLIC LAND.

A Subscriber, Fort Pierre, So. Dak.—In 1904 I filed on a quarter section of land in South Dakota. At that time there was a wire fence running through the middle of said quarter section. The cattle man who built the fence has not removed it. Can I lawfully claim and hold the fence?

Answer.—You can. The fence is a fixture belonging to the owner of the land.

ANTE-NUPTIAL CONTRACT.

A Reader, Clayton, Ill.—A man's wife died and he married another woman, but before he married her, she signed a written contract to take only a child's part of his estate. Will such a contract stand in law?

Answer.—Such a contract is called an ante-nuptial contract, and if it be properly and carefully prepared and executed, it is valid and binding at law.

ASSESSMENT VALUATION.

A Subscriber, Wisconsin.—(1) Has an assessor of any town in this state the right to raise the valuation of real estate without notifying the owner thereof? (2) In case such a raise is made by the assessor, must the taxes be paid by the owner?

Answer.—If the valuation be upon the sworn statement of the taxpayer the assessor cannot raise it. If the taxpayer refuses to swear to the valuation the assessor may raise the valuation. (2) If an illegal raise is made by the assessor, the taxpayer may recover excess.

RIVER BOUNDARY—ACCRETION.

Mr. L. Achenbach, Tipton, Iowa.—Suppose a man's land is bounded on one side by a river and a sand bar forms by his land extending into the water, and timber grows upon the sand bar, has anyone a right to cut and remove the timber?

Answer.—No one has a right to cut or remove the timber except the owner of the land. If nothing expressly to the contrary appears in his title his boundary line is the middle of the stream and the sandbar that forms by accretion, belongs to him, together with the timber which grows upon it.

STOLEN PAPER—RETURN.

A Subscriber, Mt. Pleasant, Iowa.—Some parties stole a valuable paper from a man in another county, and put it in with my papers. I do not know how long it has been in my house. In fact I can prove nothing only that I found the paper accidentally. The paper is favorable to me and also the party that I suspect of having put it in my possession. I do not want the paper. I don't want to take advantage of the man who lost it. If I return it to him he will think I stole it, as I can prove nothing as to the party I suspect. Please advise me.

Answer.—Suppose you should have an envelope addressed to the man who owns the paper, in typewriting, by a person who is close mouthed, has some sense and can be depended on as confidential, enclose the paper, stamp the letter, and drop it in a city receptacle for mail. That might accomplish your object with safety.

LAST WILL—CATTLE GUARDS.

A Subscriber, Nashotah, Wis.—(1) When a husband and his wife make their wills, where is the proper place to keep them? (2) Does such a will have to be sealed to be valid? (3) Suppose the wife having made her will, dies, and the will is in possession of the husband, would it be valid? (4) Can a farm be leased for a longer term than fifteen years, in Wisconsin? (5) Do the statutes of Wisconsin compel an electric railway company to construct and keep in repair cattle guards at private crossings?

Answer.—(1) A will can be deposited with the judge of the county court, in a sealed envelope indorsed with the name of the testator, his address, date when delivered, and name of person by whom delivered. The judge gives a receipt for it, and safely keeps it. The law provides that this may be done, but not that it must be done. It makes but little difference where or with whom a will is

# Hay Makers Implements

## Clean Sweep Loader

The business hay loader, but not the kicking kind. Does not bunch, wad, tangle nor thresh hay, and does not elevate manure nor trash. Divides a swath—the only machine for satisfactory cloverseed gathering. Works on hillside or level, in wind or calm. Carrier raises as load increases. Detach without getting off load. Light draft, strong and durable.

### SANDWICH Side-RAKE

TEDDER AND RAKE IN ONE—BETTER THAN EITHER

Does not rope the hay, but teds it into light, flippy windrows so it air cures perfectly. No need for second stirring, which breaks up stems and leaves. It rakes clean and it requires no dumping. The easiest of all rakes to operate, a boy old enough to drive can do it.

Best Pair Hay Making and Saving Tools on the Market. Send for catalog and get all particulars.

**SANDWICH MFG. CO.,**  
143 Main St., Sandwich, Ill.

# FLINT-COAT ROOFING

QUALITY Remains After PRICE Has Been Forgotten.

Our roofing costs less than shingles; lasts longer. Does not rust like iron.

Every Roll Guaranteed Perfect  
Water, Wind, Hail and Fire Proof  
Write for Samples and Booklet  
**BUY DIRECT**

These prices are delivered at your railway station for one square of 108 square feet, all ready to lay, Nails and cement with each roll. Can be laid by anyone.

Acme Rubber Roofing	.....\$1.45
2-ply Flint Coat Roofing	.....\$1.90
3-ply Flint Coat Roofing	.....\$2.10
4-ply Flint Coat Roofing	.....\$2.60
6-ply Rock Asphalt Roofing	.....\$2.90

**ROCK ASPHALT ROOFING CO.,** Commercial Station, Dept. D.  
ST. PAUL, MINN.

## \$80 to \$125 PER MONTH AND EXPENSES

No Capital Needed or Experience Necessary

You Furnish the Horse, We will do the rest.

We have a most desirable position to offer one industrious person in each locality, whose duties will be to take full charge of all deliveries and collections in connection with the introduction and sale of our complete line of Family Remedies. The position is one of trust and honor, therefore each applicant must be honest and have a good reputation, be fairly well acquainted in the community and not too extravagant, else we could not engage them at any price.

**TURKISH REMEDY CO.,** 500 Main St., PORTLAND, MICH.

deposited. If it be safely kept it is valid. (2) It does not have to be sealed. (3) It would. (4) It can. (5) We think the law providing that railroad corporations shall make proper crossings, and erect and maintain proper cattle guards at private crossings applies to an electric railroad, just the same as it does to a steam railroad.

DOCTOR'S CHARGES.

Mr. A. S. M., Forbes, N. Dak.—How much mileage is a practicing physician allowed by law in the state of North Dakota?

Answer.—The law has not fixed the amount of mileage to which a practicing physician is entitled to charge. A legislature has no power to fix such a charge any more than it has to fix the price of labor in any other avocation. It is a matter of private contract between the doctor and his patient, or the employer and his employe, and when no contract is made, what the service is reasonably worth can be recovered.

TAXES—PURE FOOD LAW.

Mr. J. H. Adamson, Milo, Iowa.—(1) Can a person have his taxes due on January 1st, of each year, taken from his assessment of moneys and credits for that year? (2) Where can I procure a copy of the pure food law? (3) If eggs be sold, and some of them prove to be bad, does it subject the seller to a penalty under the pure food law?

Answer.—(1) He cannot. (2) Write to the member of congress from your congressional district, or to one of the senators from Iowa. (3) Not unless the eggs are sold out of the state where they are produced. The United States pure food law has no application to articles of food sold and consumed in the state where the same are produced.

HORSE DEAL.

An Iowa Subscriber.—Recently a person sent word to me that he had a horse to sell, and asked me to come and see him. I did so, and after looking at the horse, I asked the price. The owner told me the price. I said I would take the horse at that price. Two persons were present. They then departed. Then I offered to pay the owner for the horse, but he refused to take the money. (1) Under what circumstances can I get the horse? (2) Have I a right to go and take the horse without any words with the man who owned him?

Answer.—(1) You cannot get the horse at all. A verbal contract for the

### Anchor Fence

is best adapted for the farm because no experience is required to erect it and the item of repairs is eliminated. Send for free fence book 12.

**Anchor Fence & Manufacturing Co.,** Cleveland, Ohio

**WANTED** Herdsman of experience to care for small herd of Short-horns, headed by Gloucester Marshal. Preferably married man. Wish to show. Write O. O. Smith, Des Moines, Iowa.

sale of personal property in Iowa cannot be enforced, unless some part of the price was paid, or in case of a horse, it be delivered. (2) You have not.

When it is evening, ye say, it will be fair weather, for the sky is red. And in the morning, it will be foul weather today, for the sky is red and lowering. Now there is a philosophical reason for this. It was just as true before it was in the Bible as it has been since.

THE DES MOINES DAILY NEWS

OFFERS A THREE MONTHS' TRIAL SUBSCRIPTION BY MAIL FOR 40 CENTS.

This is so cheap that The News should be in the home of every one of our readers, as all have a chance to see just how good The News is at thirteen and one-third cents a month.

The publishers will stop the paper at the end of the three months unless you decide to renew your subscription.

The News is independent in politics, publishing the news in a condensed and readable form. Daily market reports, farm news, household hints, special woman's page, sporting gossip, and in fact everything that goes to make up a complete metropolitan paper.

Send today to THE DES MOINES DAILY NEWS, Des Moines, Iowa, for a trial subscription, enclosing 40 cents in stamps or money order, and receive the Daily without Sunday for three months.

Good Treatment and Fine Results.

The X-Ray Incubator Co., of Wayne, Neb., writing under date of April 22d, say: "We are very well pleased with the results received from our advertisement in The Homestead and wish to thank you for the favors shown."

Free Trip to see this Hay Press

OFFER GOOD FOR 30 DAYS ONLY

The New Century has Pull Power, 7-inch Step-over. No taking off of wheels. 2 or 3 strokes to the round.

The ONLY truly successful SELF-FEED Hay Press on the market.

If you are going to buy a hay press we will pay your railroad fare to some point where you can see the New Century, Full Circle, All Steel, Self Feed Hay Press, and all other makes on sale. It would cost us as much as, or more than, your railroad fare to send a salesman to see you. Buy the press that suits you best. We pay your railroad fare, no matter which one you buy. When you see how easy the New Century is on the horses, how well it is made, what smooth bales it turns out and how many of them, you will see why we make such an offer. We have issued 1000 transportation cards which entitle the holders to their railroad fare to one of our many agencies. Send us your name at once for one of these cards. You can use it any time. **10 DAYS' FREE TRIAL.** If you cannot come to see the New Century we will send one for ten days' free trial. Send it back if you don't like it, and we pay the freight.

**WESTERN STEEL & WIRE CO.,** 105 Osage Avenue, Kansas City, Kan.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany this order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication; hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGG PRICES REDUCED—balance of season, \$1.00 per 15, \$5.00 per 100; best matings. If you want good Barred Rocks, the great, big, deeply barred, heavy laying kind, send us your order. Prompt shipments. Circular free. H. M. Jones Company, Berwick, Iowa. Shipping point, Des Moines, all express companies.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

BARRED ROCK EGGS from prize-winning strain, guaranteed highest quality, excellent layers, large bodied, healthy; circular free. \$1.00, 14; \$5.00, 100. Mrs. D. Paulson, Route 5, Box 38, Harlan, Iowa.

FOSTER PRIZE-WINNING Barred Rocks, stock scoring 93. Seven grand matings and high scoring ranges flock. 60 chols. hens and pullets for sale. Circular free. A. B. Foster, Russell, Iowa.

UTILITY Barred Rocks (money-makers,) fresh, selected eggs, carefully packed, 100, \$4.00; 50, \$2.50; 15, \$1.00; satisfaction guaranteed. Adam A. Weir, Clay Center, Nebraska.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 60c per doz. Mrs. John Holmgren, Gilmore City, Ia.

BARRED and Buff Rocks, Hawkins, Thompson and Bradley Bros. strain. Eggs, \$1.00 for 15; \$5.00 per 100. Mrs. W. R. Cremer, Reinbeck, Iowa.

WHITE ROCKS—Won five prizes at Oelwein. Eggs, \$2.00 per 15, from best mated pens; \$4 per 100, general flock. George Blake, Oelwein, Iowa.

EGGS from prize-winning Barred, Buff and White Plymouth Rocks. 15 eggs, one dollar; 45 eggs, two dollars. A. Matthews, Mt. Union, Iowa.

BARRED ROCK EGGS, 75 cents per 15, \$1.25 per 50, \$3.50 per 100. Bred right, barred right and all right. S. A. Linn, Independence, Iowa.

BARRED Plymouth Rocks, farm raised. Eggs, \$1.00 for 15; \$2.00 for 50; \$3.50 for 100. Anthony D'Connell, Toronto, Iowa.

BUFF ROCK eggs, \$1.00 for fifteen. Mrs. J. W. Martin, Mason City, Illinois.

## LEGHORNS.

SINGLE COMB White Leghorns, prize winners and bred to lay. Eggs for hatching: Pen 1, \$1.50 for 15, \$7.00 for 100; Pen 2, \$1.00 for 15, \$5.00 for 100. Free descriptive circular. H. M. Humphrey, Lake City, Ia.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York, prize winners. 28, \$1.50; 100, \$1.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. H. M. Johnson, Formosa, Kan.

ROSE COMB Brown Leghorns, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 30, \$1.00. E. B. Sinn, Route 3, Brighton, Iowa.

## RHODE ISLAND REDS.

RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White, Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javas. Hardy, prolific, farm bred, pure stock. For birds, moderate prices or "eggs to hatch" at 10c each, write Walter Sherman, Edgewood, Newport, R. I.

ROSE COMB Rhode Island Reds, winter laying strain. Eggs, 15 for \$1.00; 50 for \$2.50; 100 for \$4.50. Stock in season. John Danielson, Route 1, Lockridge, Iowa.

SINGLE COMB REDS exclusively; eggs from prize-winners \$1.00 and \$1.50 per 15. Hites Bros., Route 3, Beacon, Iowa.

SINGLE COMB REDS. Eggs \$1 per sitting, \$2.50 per 50 from farm flock. Mrs. G. E. Ostheimer, Route 5, Eldora, Iowa.

RHODE ISLAND REDS, both combs; eggs, 15, \$1.00; 50, \$3.00; 100, \$4.00. G. Welsner, Humboldt, Ia.

GRAND Rose Comb Reds. Eggs, \$1.00 up. Ben Russell, Lamoni, Iowa.

## DOGS.

I HAVE A CHOICE LOT of Scotch Collie puppies for sale, sired by Champion Emerald Eclipse. Price \$3.00 each. Another lot out of Catalog Perfection. Price \$7.00. I also have Single Comb Brown Leghorn eggs for hatching to sell. \$1.00 for 15; \$5.00 per 100. Wm. F. Hoppe, Lena, Ill.

RATS won't kill all your chickens if you have a Scottish Terrier. Very fine pups, from recorded parents, for sale. S. Harr, Riverside, Iowa.

FOR SALE. Scotch Collie pups \$5 each. Pedigree with sale. Address, J. L. Myers, Roslyn Farm, Almont, Iowa.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

PATENTS GUARANTEED under \$20,000 bond. Only bonded patent agency in the world. Free book and list of what to invent. Keystone Law and Patent Company, 1314 K. Arch St., Philadelphia, Pa.

## CATTLE.

REGISTERED RED POLLED CATTLE—Bargains in females to reduce herd, good size, well bred. Write for booklet and particulars. O. P. Ross, Ravenwood, Missouri.

EIGHT SHORT-HORN bulls and four heifers, good ones, approved breeding, for sale. Fifty dollars and up. Write for particulars, D. W. B. Kurtz, Columbia, Mo.

## HOGS.

SEND for free circular on hog disease preventative. Make your own remedy at home. The Kansas City Hog Disease Preventative Manufacturing Co., Station B, Kansas City, Mo.

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

FIFTEEN EGGS from prize-winning Black Langshans, \$1.00, 100 for \$5.00. Cora Porter, Delhi, Iowa.

## WYANDOTTES.

WHITE WYANDOTTE EGGS from good, pure-bred stock, \$1.50 for 30, \$4.50 for 100. Twelfth year Wyandottes exclusively. Satisfaction guaranteed. L. E. Parrish, Ottawa, Illinois.

SILVER LACED Wyandottes exclusively. Get our circular before ordering your eggs for hatching; it's free. John A. Johnson, Route 1, Dayton, Iowa.

SILVER LACED WYANDOTTES: Eggs, 50 cents for 15; 3 cents each for 100. Address, Mrs. O. W. Thomas, Route 2, Manchester, Iowa.

SILVER-LACED Wyandotte eggs, one dollar for 25, three dollars per 100. Farm range. Miss Julia Driscoll, Plainfield, Iowa.

## ORPINGTONS.

GRAND Single Comb Buffs; earth's greatest layers. Eggs. Ben Russell, Lamoni, Iowa.

## TURKEYS.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

BUFF TURKEY EGGS—Mrs. R. E. Thompson, Allison, Iowa.

## BRAHMAS.

LIGHT BRAHMA eggs, choice matings, \$2.00 sitting; 3 for \$5.00. Philip Thorwalt, Genoa, Ill.

## BLUE ANDALUSIAN.

FIFTEEN EGGS, \$1.25, from Ancona's Blue Andalusian Hamburgs; ten other breeds. Folder free. A. J. Arends, Blairsburg, Iowa.

## MISCELLANEOUS POULTRY.

SINGLE COMB White Leghorn, Single Comb Black Minorca, Barred Rock eggs, 30 for \$2.00. Toulouse geese eggs 20c each. Rouen duck eggs, 22 for \$2.00. Address, Geo. Moeller, Evely, Iowa.

EGGS FROM BEST Barred Rocks, Buff Rocks, Buff Wyandottes, White Wyandottes, on earth, at very low prices. Send for Descriptive Price List. Macon Poultry Farm, Macon, Missouri.

ORPINGTONS, Rhode Island Reds, Partridges Wyandottes and 20 other varieties, each on separate farm. Eggs, \$6.00 per 100, \$1.00 for 13. Catalog free. Harris Poultry Co., Clay Center, Neb.

SINGLE COMB Brown Leghorn, Barred Plymouth Rocks. Birds scoring 92½ to 94½ points. Eggs for hatching, 75 cents per 15, 100 for \$3.00. Mrs. William Hudson, Lohrville, Iowa.

S. L. WYANDOTTES and S. C. Brown Leghorns. Eggs, 15, one dollar; 50, three dollars; 100, five dollars. Write, W. H. LeValley, Logan, Iowa.

BLACK LANGSHAN and White Wyandotte eggs for hatching, 75c per 15; \$1.00 per 100. J. F. Blackman, Stuart, Iowa.

## POEMS.

THE RIVER BEND and other poems, Tac Hussey. Sent to any address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

## HORTICULTURE.

500 DUNLAP STRAWBERRY plants, by mail, postage paid, for One Dollar. Set out now as directed, and pick three hundred quarts delicious berries next season. C. B. Mahen, Wealthwood, Minnesota.

GREEN HOUSE PLANTS—Sample dozen, 50c. (mail) embracing Carnations, Roses, Geraniums, etc. T. Montgomery, Larned, Kansas.

WHIPPORWILL PEAS for sale. Write for samples and price. Jas. H. Hallock, Mt. Carmel, Illinois.

DAHLIAS—20, \$1.00, \$2.00 bbl, gladioli, \$1.00, 100. Catalog free. J. L. Moore, Northboro, Mass.

DAHLIAS—Twenty kluds, \$1.00. Catalog. H. Burt, Thunton, Mass.

## HORSES.

PERCHERON Stallion for sale. Good disposition and gettier can be worked. Will sell cheap if taken soon. J. L. Whitehead, R. 1, Leon, Wis.

## AGENTS WANTED.

WABBLE CURE Axle nuts make old buggies run like new. Big commission. Special introductory offer. Hardware Co., Box C85, Pontiac, Mich.

AGENTS—Red hot seller, something new for kitchen; every woman buys on sight. Write for territory and astounding terms. Sample postpaid, 25c. McCall Clasp Cover Co., 145 W. Jackson, Chicago.

AGENTS—Sell automatic self-cleaning curry-comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

## REAL ESTATE.

WRITE C. M. C. WEEDMAN at Farmer City, Illinois, for information about the irrigated farm lands of the Big Horn Basin of Wyoming; its richness and future possibilities are hardly equalled by any valley in the United States. Settlers only.

FOR SALE OR EXCHANGE—For good farm land 65 lots in South Milwaukee, Wis., 6,000 inhabitants, large factories. Correspondence solicited. John Sprecher, Independence, Wis.

GOOD, HEALTHFUL CLIMATE, mild winters. Tame grasses, corn and all crops grow profusely. Write for descriptive lists. C. W. Wilder & Co., Richards, Missouri.

## REAL ESTATE.

THE BEST stock farm in northwestern Iowa is for sale at a great bargain: 640 acres of thoroughly well-drained, arable land—280 acres under cultivation, 100 acres hay land, 260 acres in tame grass pasture; \$10,000 in improvements; within nine miles of three competing Chicago lines of railway, and town three miles from farm. Let me send you a circular describing this ideal stock farm and naming price thereon. Address, I. J. Hornbrook, Cherokee, Iowa.

FOR SALE, 11,572 acres in Adams and Weld Counties, Colorado. Good soil, water 10 to 60 feet, \$5.00 to \$6.00 per acre in section lots. 10,371 acres in Elbert County, Colorado; black loam wheat land, 80 per cent tillable, water 10 to 20 feet, all fenced, \$5.50 to \$8.50 per acre in section lots. These tracts were selected by us after a personal examination. For particulars write Richards, Keene & Co., Fremont, Neb.

TO EXCHANGE for Income Property or smaller farms: 1 ranch 800 acres, 3 sets of improvements, near town, 1 ranch 1,240 acres; improvements cost \$3,000, 1 ranch 2,200 acres; prices run from \$10.00 to \$40.00 per acre. Write for my list. I have many bargains in farms. A. C. Smith, Stuart, Nebraska.

A BARGAIN: 85 acres, level, deep clay soil, no waste. In settled community, best dairy country on earth. One mile from creamery, postoffice and store. Only sixty miles to St. Paul and Minneapolis markets. Partly improved, \$1,400. Terms to suit. For particulars address, L. C. Perkins, Balsam Lake, Wis.

WRITE FOR INFORMATION regarding lands in south central Missouri—agricultural, fruit and grazing lands—\$5.00 per acre up. Tell us what you want, also terms, and we will suit you. Only three hours from Saint Louis markets. F. E. Dowd, Manager, Rolla, Phelps County, Missouri.

320-ACRE FARM in Ripley County, Mo. 160 acres in cultivation; balance good timber; nine-room, two-story house, barn 150 by 48 feet; stone foundation. All good cultivating land. Price, \$10,000. Several smaller farms. Send for list. C. H. Martini, Doniphan, Mo.

80 ACRES, 15 acres broke, all new land, balance timber; 7 miles to St. Cloud, 2 miles to big new paper mill, and street car will run to within about a mile from place, in the next 60 days. Price, \$1,600. Whitney, Rosenberger & Thayer, Saint Cloud, Minnesota.

FOR SALE: 120 acres, improved; 2 miles town, three-fourths mile school, well watered, rich soil, rolling prairie, part bottom; splendid stock farm, fenced and cross-fenced. Price, \$55.00 per acre; \$25.00 cash, 5% on balance. Address, H. Box 53, Redding, Iowa.

MOUSE RIVER VALLEY FARM, 160 acres, six miles of Minot, ten meadow, balance tillable; 50 broke, 40 fenced, small buildings, good water, \$3,500. Other bargains \$2,000 upward. Cash or easy. Maps and particulars. F. E. Graves, Minot, North Dakota.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert E. King, Goodland, Kan.

EXCELLENT FARM FOR SALE, 240 acres, 3 miles from Madelia, all cultivated, fenced, good buildings, soil and neighborhood; worth \$70 per acre, but \$60 buys it. A snap. Address for particulars, G. T. Dahl, Madelia, Minn.

CASH FOR YOUR property wherever located if you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 330 Bank of Commerce, Bldg., Minneapolis, Minn.

120 ACRES WILD LAND, three miles from railroad town of 500 people; borders on small lake, land somewhat rolling. Price, \$15.00 per acre. Whitney, Rosenberger & Thayer, Saint Cloud, Minnesota.

BARGAINS in real estate, one quarter of land, 8 miles from Florence, S. D. \$25 per acre. City property in Waterville, S. D. For particulars, address Toby Bros. & Williams, Waterville, South Dakota.

FIVE Madison County, Iowa, farms for sale by owners, one improved, four unimproved, 140 to 240 acres; 1 to 4 miles to good railroad town. Priced to sell. Alexander & Williams, Winterset, Iowa.

GOOD FARMING LAND—Ten to twenty dollars, Texas Panhandle, fine wheat belt; churches, schools, society. Great wonder. Write Kluge & Blanton, Stratford, Sherman County, Texas.

OKLAHOMA FARMS: Write your wants, enclosing stamp for new map of Oklahoma. I sell my own lands direct and pay your fare. No trades. J. P. Becker, Medford, Oklahoma.

200 ACRES improved meadow and grain farm, Norwegian neighborhood, school on land, good buildings and water, \$3,000; \$2,000, cash; balance, 5%. Ferd. Swenson, Gardfield, Minn.

140 ACRES—We are closing out the last and best of all our Hardin Co., Iowa, farms. Need money for other purposes. For particulars write Box 580, Iowa Falls, Iowa.

CLOSING OUT at a low price on easy terms several finely improved farms recently possessed. Write quick for list. Bank of Itensen, Itensen, Ia.

BEFORE BUYING or selling a farm or any property anywhere, read U. S. Farm Advertiser of Niles, Ohio. 10c. stamps will bring sample copy.

MUST SELL. Circumstances compel me to sell my improved farm. Write for bargain in price and terms. W. E. Hargrove, Elwell, Alberta.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone, \$30 to \$40 acre. M. Wight, Lathia, Barton County, Missouri.

DO YOU want a home in Oklahoma? If so, write to W. E. Willoughby, Chandler, Oklahoma. He has some good ones for sale cheap.

TRADE. I want to trade or sell six good Iowa farms in next sixty days. Come, see or address H. D. Holmes, Riceville, Iowa.

IOWA \$60 farms as good as Illinois \$125 kind. Send for booklet of prices. "Secor," Postmaster, Buffalo Center, Iowa.

WHY RENT?—Own your own land. Write to T. V. Lowe, Goodland, Kansas.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

BUY NOW, DON'T DELAY—Opportunities of a lifetime are now offered the bona-fide homeseeker. Corn, wheat and alfalfa lands are our offerings. Good farm lands at from \$20 to \$40; alfalfa lands at from \$80 to \$150 acre. Buy right now and get share this year's rentals and the \$5 acre advance in value of price in next three months. List furnished if desired, but you had better come now and see what we have. Come prepared to buy. C. W. Lindsay, Wilsonville, Furnas County, Nebraska.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

BARGAIN HOME FARM—180 acres, good house, stables, grove and well; 135 acres wheat, second crop from sod; balance pasture. Farm all level and fenced, only two miles from county seat of Harper County, southern Kansas. Best wheat, corn and alfalfa in Kansas. Price, \$4,500, one third, low interest. Write Theo. B. Marsh, Anthony, Kansas.

120 ACRES, seven miles railway town and post-office, 4 miles creamery and cheese factory, 2 miles to school, 2 miles to church; 80 acres under cultivation, 2 acres meadow, 40 acres all fenced pasture, 14 acres timber land, 4 acres for buildings; good log buildings and a fine well. Price, \$3,400. Whitney, Rosenberger & Thayer, Saint Cloud, Minnesota.

FINE STOCK FARM AND RANCH. 8-room house, barn for 30 horses and 40 cattle, 100 ton hay, double cribs, granary, hog house; 260 cultivated, 160 pasture, 80 hay land. Not out west; right here in Lancaster county, 13 miles from Lincoln, 2 from Raymond, and priced at \$40 per acre. G. J. Maue, Raymond, Neb.

JACKSON and Jefferson counties, Kansas; 230 acres, splendid, modern, new buildings, adjoining station, good land, all tame and wild grass. Catholic settlement. Price, \$14,000. Write for prices on 40 acres to a section. W. A. Gilliland, (Farmer,) Mayetta, Kansas.

BUY A GOOD FARM in Oklahoma, in the vicinity of Garber, the most fertile and productive soil and healthful climate in the southwest; mild winters and pleasant summers. I have many bargains for sale. J. B. Morgan, Garber, Oklahoma.

\$720 BUYS 72 acres good land, 45 fenced and in cultivation. Water, fruit, house four rooms, out-buildings; everything in good repair; station, 1½ miles, rural free delivery and telephone. Terms, Frank Pearce, Fredericktown, Mo.

DON'T FREEZE or burn up. Come to Missouri where wheat, corn and oats do as well as in Illinois. Black level soil one-half the price, but rents for just as much. Descriptive catalog. J. L. Boyd, Norborne, Missouri.

FARMING, GRAZING LANDS, from first hands in Oklahoma, Texas and Old Mexico. More than a million acres to select from. Write us and save money. Smith & Steele, Pawhuska, Oklahoma.

CHOICE OKLAHOMA FARMS—Splendid climate, good land, corn, wheat, fruit, alfalfa, cotton. Plenty pure water. Write for list and descriptive literature. Watkins Land Co., Ringwood, Okla.

CHEAP LAND IN IOWA on easy terms. Half section half mile from Titonka, Iowa. Partly tilled, good level land; will split in small tracts. Investigate. Write, Herman Nelson, Titonka, Iowa.

FINE FARM, eighty, thirty all clear, house, barn, stable, well, fences, hardwood timber, dandy soil, rural route, \$2,450 with \$500 down. Richard Runke, Merrill, Wis.

IMPROVED OR unimproved farms for sale; healthy climate, one crop often pays for land; will soon double in price. Write T. V. Lowe, Goodland, Kansas.

WE HAVE 10,000 acres of fine farming land to sell this month. See us at once and get a bargain. Dial & Chaffin, Mangum, Oklahoma.

FOIT SALE—Choice farm lands in the dairy belt of central Wisconsin for sale and exchange by Geo. H. Welton, Marshfield, Wis.

SOLDIER VALLEY FARMS for sale by L. H. Raymond, Pisgah, Harrison County, Iowa.

## MISCELLANEOUS.

TYPEWRITERS—All makes, all prices. Large stock of 22 makers to select from; prices ¼ to ½ manufacturer's prices. Slightly used and factory rebuilt machines our specialty; full guarantee. We ship on approval anywhere. Write for bargain list. B. F. Swanson Co., 222 Fifth Street, Des Moines, Iowa.

BAD smelling feet are offensive to everyone. Can positively be cured by using one package of our "Nufoot" or money refunded. Price, \$1 per package, postage prepaid. Send today—we will cure you. References, First National Bank, Mendota State Bank, The James A. Dick Co., Box 411, Meade, Kan.

FOR SALE OR TRADE—Automobile, nearly new, twelve horse power, combined touring or runabout; \$300.00. Will trade for cattle and hogs. Lefebvre & Co., Fairfax, Linn County, Iowa.

THE THAW-WHITE tragedy. Do you want to read the facts about that famous murder case? Then drop us a postal card. The Book Shop, 218 East 12th St., Kansas City, Missouri.

DEATH TO LICE AND MITES. Send 25c. for formula of lice powder that costs 7c. per pound to make. Great boon to poultry raisers. C. W. Phelps, R. P., Lynville, Iowa.

THE VICTOR SANITARIUM—Specialty nervous diseases. Alcohol or opium addiction. Home treatment if you cannot come. Write, The Victor, Box 387, Atlanta, Ga.

PRINTING—Send 10 cents for samples of our work and catalog. We print anything from a card to a catalog. Journal Publishing Co., Annville, Pa.

LUMP JAW CURE and other recipes worth \$100, price \$1.00. Warranted by an experienced farmer. Geo. W. Burns, Canton, S. D.



## Potato Harvest

The Best Tools Bear This Label

WHEN it comes to digging potatoes you surely want a potato fork or hook. Both are good. Other tools can be used, but they make the work much harder. Now the question is whether you will have a genuinely good fork or hook—one solidly constructed of dependable materials, that works just right for you—one that is awkward and weak and causes you to waste time and energy?

When you buy True Temper Potato Forks and Hooks you get

**"The Best Tools You Have Ever Bought At the Same Prices You Have Always Paid."**

Because special tests and inspections prove all True Temper tools to be correct in quality, construction, "hang" and temper.

Forks, Hoes, Rakes, Hooks, Weederers. Cultivators—every kind of Farm

and Garden Hand-Tool.

Ask your dealer to show them to you.

Our FREE BOOK, "Tools and Their Uses," will tell you all about special-purpose tools. Write for it today.

AMERICAN FORK AND HOE CO.,  
1235 Am. Trust Bldg  
Cleveland, Ohio.

## Traction Engines For Sale.

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

THE O. S. KELLY MFG. CO.,  
IOWA CITY, IOWA.

**ONE MAN** MADE \$10,000 on HALF AN ACRE of ground, growing Ginseng. Another is making hundreds of dollars per year growing Mushrooms in an ordinary cellar. Others are making big money growing Golden Seal and other medicinal plants, of which the wild supply is fast becoming extinct and prices rapidly advancing. YOU CAN DO THE SAME. Our new monthly magazine, PROFITABLE HOME INDUSTRIES, tells you all about it; full details; letters from successful people. If you want to make money, write us today. Price \$1.00 per year, 3 months trial 25 cents, sample copy 10 cents. Address, PROFITABLE HOME INDUSTRIES, 270 Thompson Bldg., Scranton, Pa.

## THE Hoover Digger

Clean, fast work. It stands the wear and tear.



Favorite in every great potato growing district. Get free catalog.

The Hoover-Prout Co., Lock Box 41, Avery, O.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,  
Blandinsville, Illinois



**SOLD ON 3 Months' Trial.**

1907 model gasoline engines, all sizes, highest class, simple engines made. Three months' trial will prove it. For general information and prices address,

Holland Engine Co., Dept. L, Cedar Rapids, Ia.

**The Jewell Nursery Co.**  
(Box 16,) Lake City, Minnesota

Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1868. Hardy seeds, trees and plants. Agents wanted—Good pay.

## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### RELATIVE MERITS OF LIQUID AND DUST SPRAY.

One of the highest and most comprehensive investigations along this line has just been completed by Prof. C. S. Crandall, of the Illinois Experiment Station, results of which have just appeared in printed form in Bulletin No. 106.

These experiments were commenced in 1903 for the purpose of testing the relative effect of the dust and liquid method of applying the spraying materials. The portion of the orchard selected for the work contained 108 eighteen-year-old trees of all variety. The experiment was closed with the harvesting of the crop in 1905.

The following conclusions are drawn from this experiment:

Insects and fungi injurious to fruit crops are assumed to be here as a permanent fixture and, in order to secure marketable fruit, it is absolutely necessary to combat the pests in some manner. Thousands of dollars have been spent experimentally in the effort to determine which of all the remedies suggested could be relied upon to produce the best results at least cost.

The result of the experiments led to the introduction of Bordeaux mixture, applied as a liquid spray, as a remedy for fungi and various forms of arsenic as remedies for chewing insects.

These remedies have come into general use and, while frequently failing to give perfect satisfaction, because of improper preparation, careless application, or too frequent downpours of rain, is still recognized as the best that have been discovered up to the present time.

The introduction of dry Bordeaux mixture applied with arsenates as a dust spray was prompted by a desire to decrease the cost and labor of spraying. It does both of these things, but its value can not rest upon cost and ease of application. The final test of value is, and must be, efficiency in preventing injury from fungi and in killing insects.

The experiments conducted by the department of horticulture, testing the relative efficiency of the wet and dry sprays have extended over three seasons; they have included an aggregate of 424 trees, 147 of which were sprayed with liquid, 167 with dust, and 110 maintained as control trees which received no spray. The number of apples produced by these trees totals 372,726. These fruits were examined individually and record made of blemishes.

The experiments have been reasonably extensive, they have been carefully executed and the conclusions drawn are fully warranted by the results obtained.

With regard to the effects upon foliage the results are identical in all orchards and in all seasons. Trees sprayed with liquid Bordeaux and Paris green retained their foliage in healthy working condition throughout the season. Dust-sprayed and check trees may be placed together because the behavior of foliage was the same in both. Leaves began falling in July and, in early September, these trees were practically denuded. This loss of foliage by dust-sprayed and check trees was due to apple scab, against which disease the dust spray was entirely ineffective. The effects of this loss of foliage are very serious. The assimilatory processes of trees are active in proportion to the working leaf surface; as leaves fall, these processes diminish until brought to a stop by the entire loss of foliage, long before the work of the should normally end. The fruit is starved, does not approach normal size, and buds for the next year can not be properly developed.

It also frequently happens that under the stimulus of rains and high temperatures in October, leaf buds of the defoliated trees, that normally should remain dormant until spring, unfold and expand clusters of new leaves. This renewed and abnormal activity of the trees affects fruit buds also; a considerable portion of them have been observed to swell and some expand the flowers. All this is greatly to the detriment of the trees and fatal to the prospective crop for the next year. It emphasizes the necessity of such treatment as will retain the foliage in full working condition until the end of the season.

As is clearly indicated by accompanying photograph in this bulletin, trees which were sprayed six times with the bordeaux were decidedly benefited. In one case the foliage of the season is intact, doing full work and the other not only has the foliage of the season been dormant until the next spring have been lost, but in the attempt to repair the loss the buds that should have remained called into activity and have put forth leaves.

This extra draft upon the resources of the tree impairs vitality. The tree enters the winter in weakened condition and, while it may survive, is unprepared to bear a crop or even to make a satisfactory growth the next season.

Differences in fruit were as marked as were differences in foliage. Liquid-sprayed trees gave smooth fruit of good size. Dust sprayed and check trees gave small, ill-formed fruit, badly marked by scab and of very little value even as evaporator stock.

Dust spray is 52 per cent cheaper than liquid spray and it is easier to

## ACTUAL TESTS

are the things which count. Farmers all over the country made tests for us last year with

## Nitrate of Soda

(The Standard Ammoniate)

In every case the crops which had a top dressing of Nitrate of Soda yielded a far more abundant harvest than those without. We want more tests on

## WHEAT Rye or Barley

and to a limited number of farmers will send sufficient Nitrate of Soda for the purpose

**ABSOLUTELY FREE**

the only condition being that they follow directions for its use, and report on the result. To the twenty-five farmers who show the best results will be sent, as a prize, Prof. Voorhees' valuable book, "Fertilizers," dealing with natural, home-made and manufactured fertilizers, with suggestions as to the use for different crops. 327 pages, handsomely bound.

Apply for the Nitrate of Soda at once, as this offer is necessarily limited. Books of useful information will be sent free to farmers, if paper is mentioned in which this advertisement is seen.

Send name and complete address on post card.

William S. Myers, Director, John Street and 71 Nassau, New York

Get All Your Hay and Grain is Worth by Shipping to

**HAY** J. J. CONSIDINE & CO., **GRAIN**  
99 N. JEFFERSON ST., CHICAGO.  
Reference: National Bank of the Republic.

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Write Today For Market Quotations. Free Upon Request

## We Breed 7 Varieties of SEED CORN

We raise every ear of corn sold by us for seed on our own farms. We cultivate 7 large farms; each of them produces a pure variety of seed corn. Our plan of cultivation insures your getting pure bred corn, the best varieties.

We have increased the yield of certain varieties from 35 to 90 bushels per acre on the same land. That shows what breeding will do. If you want some of that kind of seed corn send your name for catalog. We sell hundreds of bushels of seed corn to our neighbors annually; they tell us it is the best they can find anywhere. That's proof that our seed is what you want.

Box 16

W. W. VAN SANT & SONS

Farragut, Iowa.

**Seed** Prof. Holden of Ames College, Iowa, told us Feb. 7th that he regarded Goddard's "Silver King White Dent" as a remarkable corn. One of the very best. We control 1906 crop of "Silver King" grown in this county (Winnebago) by the man who perfected and named "Pride of the North." Let us send you history of this wonderful corn. We grow all standard varieties. Sow Northern Grown Seeds. Get our catalog. THE ADAMS SEED CO., Decorah, Iowa.

**GRAIN** Freeman Bros. & Co., **HAY**  
COMMISSION MERCHANTS,  
Established 1886, 66 Board of Trade, Chicago.  
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

transport about the orchard. It has no other advantages.

The results of the experiments are sufficiently decisive to warrant the conclusion that dust spray is absolutely ineffective as a preventive of injury from prevailing orchard fungi, and that it is considerably less efficient as an insect remedy than is the liquid method of applying arsenates.

The effort of the orchardist may best be expended in perfecting the preparation and application of the standard bordeaux mixture combined with arsenates.

### The New Strawberry Plants.

To the Editor of The Homestead:

Strawberries should by this time be mostly set out and growing nicely. Occasionally plants will be late in arriving and sometimes it is in May before the last setting is made. When for any reason more plants are desired quite late in the season—sometimes when the extra earlies are already in bloom there is still a chance to get plants that are not too far advanced by sending to extreme northern nurseries. Some years ago a nurseryman on whom I was depending to send me plants, failed to do so and I found myself at the beginning of May without means to set my plantation and early varieties around me with green berries on them. There was only one chance. I sent to a Michigan grower and stated the case. I ordered on Monday—on Friday the plants were here and by Saturday night all were set and made a good stand. Michigan plants are nearly a month later than Missouri plants.

After the plants are set and growing and the ground stirred, the rows must be gone over to remove all bloom and buds that appear. Spring set plants will bear some fruit, but this should never be permitted as it weakens them so that they cannot send out good strong run-

## HURST POTATO SPRAYER ON FREE TRIAL

No money in advance—Pay when convenient. Sprays Everything—Trees; Potatoes, Truck, etc. 4 rows at a time—20 acres a day. Double Your Crop—extra yield one acre will pay for its first season. A boy can operate. GUARANTEED 5 YEARS. Wholesale Price (where no agent). Agts. wanted. After trial if you keep it—pay when you can. Special FREE OFFER for first one in locality. "Spraying Guide" and full information.

FREE. H. L. HURST MFG. CO., 86 North St. Canton, O.

## Fire or Kiln Dried SEED CORN

OUR leader is Brown's Choice, which we years ago developed from Leaning stock. It's Yellow Dent, Iowa Silver Mine and Yellow River, the latter one of the best early (90-day) varieties, are the others. We grow all the corn we sell. We ship in the ear or shell and grade it as desired. Our seed will please you. Try it. Samples free.

JOHN E. BROWN & SONS, MITCHELLVILLE, IOWA

**SEED CORN** Funk Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

ners for next year's crop. A good time to pinch off buds is when the first hoeing is given which should be soon after the plants are set. L. R. Johnson.

### GOVERNMENT BOOKS ON STOCK.

For the first time the United States government is advertising standard works of its own publication at cost price to farmers and stockmen. The books offered are the following: Diseases of the Horse, Special Report of the Sheep Industry in the United States and a report on Diseases of Cattle and Cattle Feeding. Each one of these publications are bound in cloth and are good, serviceable and useful books for any farmer or stockman. They are edited by the experts in the government department of agriculture and animal industry. Each book is well illustrated with cuts and color engravings which facilitate the understanding of anatomy of animals. These books are priced on page 5 at actual cost. They are large and as it costs considerable to print and mail the government is taking this method of preventing many from sending for the books through curiosity. A full description of these publications will be found on page given above. They are being advertised by the Superintendent of Documents, Sub-Division 68, Government Printing Office, Washington, D. C.



## OUR DAIRY DEPARTMENT

All communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### QUALITY IN UDDERS.

The size of an udder, especially of the mature cow, is often a very deceiving indication of the amount of milk she can produce. Quality is a mark of efficiency in this respect that should not be overlooked. The udder is directly concerned in the making of milk. It may do its work well or poorly depending on the activity of the various cells in its organization. While it is not an absolute rule it may be taken as a general one that the external appearance of the udder is a fair indication of the structure of those parts that are within.

On frequent occasions one is convinced of the fact that a neat, trim udder of moderate size is more likely to yield a larger mess of milk over a maximum period of lactation than a large udder of meaty texture. Generally a lack of quality throughout the conformation is associated with a coarse udder, though of course one generally notices this discrepancy in the general make-up of the animal first. An extreme example of a coarse udder is one that is thick skinned, showing no vein canals on the surface and which feels inelastic, knotty and hard to manipulate. Long, coarse hair hangs from the quarters and applies itself closely to the teats to hinder the hand of the milker, and form a place where dust and fine litter is collected. In aged cows a coarse udder becomes heavy and the teats protrude in many directions which makes milking tedious.

A much more preferable condition to the one just recited is where the hair is short and fine and grows out from velvety, pliable skin that continues up into the flank where on wintry mornings the small boys delight to warm their hands. The veins should stand out showing well the branching, especially on the ovals between the thighs. Such an

udder is inviting to the palm of the milker and as the milk is drawn loses its fullness gradually until the quarters appear to consist of folds of soft elastic skin. This is not the case with the coarse, meaty udder, and one is never certain by observation alone when such a one is milked dry, as it does not lose its form so noticeably. Large development with plenty of quality is the ideal condition in an udder and when found on a normal, healthy cow is the best of external signs of excellence.

### A TENANT DAIRY FARM.

The Department of Agriculture has recently published a bulletin describing the operations of a dairy farm in southern Michigan that pays the owner of the farm twelve per cent on his investment and the tenant the snug sum of \$1,500 a year.

The farm in question contains 120 acres and, with the buildings, represents an investment of \$12,500. Each man owns half the dairy herd, while the tenant furnishes the horses and ordinary farm implements, though such heavy machinery as engines, silage cutters, etc., are paid for out of the undivided receipts. After all expenses are paid the net proceeds are divided equally.

Sixty cows are kept at present, together with a few hogs, and the gross receipts from the farm last year was \$6,000. The strange part of the management is that the cows are put in the stable in October and are never let out until spring. The cows are fed silage and grain twice a day and alfalfa hay at noon. Bran forms the basis of the grain ration and is fed the whole year round, along with cottonseed meal and oil meal. All manure is carefully saved and its application on one eighteen-acre field has increased the yield from 400 bushels in 1894 to 1,200 bushels three years later. The application of manure to the soil has resulted in bringing the yield of ensilage corn up to twenty-five tons per acre. Corn stubble on this farm is generally sown to rye, the rye cut for hay and the field planted to corn again. All manure is hauled directly from the stable to the field, a carrier transmitting it directly to the spreader, which is kept under cover near the stable.

The milk from this dairy herd is usually sold at the rate of five cents a quart delivered to the customer, so that the profit of this farm comes more from its large production than from high prices obtained for the product.

Our dairy readers we know would be interested in reading the further details of this profitable tenant farm. These will be found in Farmers' Bulletin No. 280, which may be obtained upon application to the Department of Agriculture, Washington, D. C.

### TATTOOING DAIRY CATTLE.

The objection to the ear tag on the ground that it is easily torn out of the ear on cattle that run in pasture much of the time, has led to the adoption of the tattoo marker by many dairymen. The operation is performed by a tool called the marker, practically a pincher, which bears on one face of the jaws the desired figures or characters formed by a number of steel points or needles. The number is then pressed in the inside of the calf's ear where the hair is the thinnest, and the figure formed by the impression is immediately smeared or painted with a special tattoo ink or paste. This results in filling the needle holes with the pigment which dyes under cuticle permanently.

It is claimed that once the tattoo has been properly made it will never fade or grow dim. Calves may be operated upon when a few days old and the figures will not be affected by age. The advantage of this system is that the ear is not disfigured and the mark of the owner is permanent. While the tag may carry more information, possibly, than the tattoo the difference is not enough to offset the good points of tattooing.

### Judy's Angus Combination Sale.

The better lots consigned to the combination Angus sale, held under the management of Mr. M. A. Judy, on Wednesday, May 1, at Chicago sold well, but there was a tendency on the part of those present to discriminate too much in the matter of condition. The top price of the sale was \$525, at which figure the Blackbird bull, Undalata Blackbird, consigned by Messrs Harry Weissenger & Son, of Shelbyville, Ky., went to Mr. J. W. Reedy, of Beresford, S. Dak. Mr. Stanley Pierce, of Creston, Ill., topped the female consignment, paying \$490 for Blackcap Ito, a daughter of the noted bull, Prince Ito, consigned by Judge John S. Goodwin, of Naperville, Ill. Col Silas Igo did the selling in his usual satisfactory manner and was assisted

## "MAIL-ORDER" CREAM SEPARATORS

Many inquiries are made as to whether the sale of "mail-order" and the various other so-called "cheap" separators seriously hurts the sale of DE LAVAL machines. There is undoubtedly a good deal of general interest on the part of separator buyers in this respect.

The answer is NO, that it certainly does not. On the contrary, the sale of "mail-order" and other "cheap" machines is helping the sale of DE LAVAL machines, which is larger from year to year regardless of all kinds of attempted competition.

The people who buy "mail-order" and other "cheap" separators at from \$20 to \$50, are almost invariably buyers who could not have been induced to pay \$40 to \$100 for a DE LAVAL machine to begin with. They would either have gone on without a separator or bought one of the fake "dilution" contrivances termed "extractors" or something of that kind.

But having once bought a "cheap" CENTRIFUGAL separator they find enough merit even in it to satisfy them that they cannot afford to be without one, though they soon learn that in separators at least the best is the cheapest. So when their first machine is worn out within a year or two, and frequently within a few months, they are almost sure to be buyers of DE LAVAL machines the second time.

Then they have come to appreciate the importance of skimming clean and being able to run a heavy cream, as well as of having a machine of ample capacity and one that will last from ten to twenty years, even if it does cost a little more.

Thousands upon thousands of buyers of low-grade separators thus become second time converts to the use of DE LAVAL machines, and the DE LAVAL Company looks upon the "cheap" separator manufacturers and "mail-order" concerns as doing the best kind of missionary work for them to this end.

When the buyer wants to cut out this expensive "primary school" separator experience he pays the price and buys a DE LAVAL machine in the first place, usually saving its cost twice over while the "cheap" separator buyer is being educated to the point of doing so.

A DE LAVAL catalog or any desired information is to be had for the asking.

### THE DE LAVAL SEPARATOR CO.

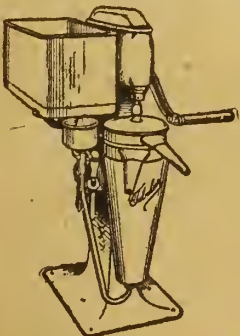
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## Because You Need The Money

It's your business and if you don't attend to it, who will? You cannot afford to keep cows for fun. That isn't business, and, furthermore, it isn't necessary. There is money in cow keeping if you go at it right, and besides there is more fun in going at it right than there is in staying wrong.



You need a Tubular Cream Separator because it will make money for you; because it saves labor; because it saves time; because it means all the difference between cow profits and cow losses.

Look into this matter; see what a Tubular will do for you and buy one because you need it.

How would you like our book "Business Dairying" and our catalog B. 121 both free. Write for them.

The Sharples Separator Co.  
West Chester, Pa.  
Toronto, Can. Chicago, Ill.

## Let Us Quote You a Special Price

On Our Improved 1907 Model

## DAVIS Cream Separator

Built and sold by the nine Davis brothers, who have spent 20 years bringing it to its present state of perfection. It is sold straight from the factory at

### Wholesale Factory Prices

thereby saving you 20 to 50%. It's better than ever and if you write for our catalog it won't take long to see why. It's right up to date. Has low down supply tank, simple enclosed gear and a perfect bowl always in balance. Drop us a line now for money saving catalog No. 118

DAVIS CREAM SEPARATOR COMPANY,  
641 North Clinton Street, Chicago, U. S. A.

## Get More Milk Money

Your profits from your cows, your comfort and convenience depend upon the kind of Cream Separator you use. We want to prove to you that the

## OMEGA CREAM SEPARATOR

will make more money for you and give you less trouble than any other. You surely are anxious to make no mistake in buying a separator—why not investigate our claims and make us prove them? That's all we ask. Send today for book "More Milk Money," and our Golden Rule Guaranty.

Omega Separator Co., 35 Concord Street, Lansing, Mich.



In the ring by Cols. Plumley and Binnie. Much of the success of the sale was due to the untiring efforts of Mr. M. A. Judy. A list of animals selling for \$100 and over follows:

**COWS.**  
Heather Beauty, of Longbranch, calved May 10, 1895; sire, Heather Lad of Emerson 2d. Consigned by Vans Harbor Land and Lumber Company. Sold to Charles Escher, Manning, Iowa. \$145  
Heather Beulah, calved April 17, 1899; sire Philip Estill 2d. Consigned by Vans Harbor Land & Lumber Co. Sold to O. T. Hunt, Elizabeth, Ill. 105  
Antelope 6th of Woodlawn, calved Nov. 30, 1900; sire Black King of Woodlawn. Consigned by Vans Harbor Land & Lumber Co. Sold to Stanley Pierce, Creston, Ill. 100  
Carbon Rose, calved June 29, 1902; sire, Blakely. Consigned by G. F. Dowler. Sold to J. E. Stewart, Chicago. 100  
Erica of Cherokee, calved Nov. 30, 1902; sire, Woodlawn Blackbird Lad. Consigned by Harry (Weissinger & Son. Sold to O. E. Hunt. 105  
Center Beaver Dew Drop 2d, calved Feb. 10, 1904; sire, Enterprise of Estill. Consigned by C. F. Fleming & Son. Sold to Stanley Pierce. 120  
Viona 2d, calved April 11, 1902; sire, Enterprise of Estill. Consigned by C. F. Fleming & Son. Sold to Stanley Pierce 105  
Blackcap Ito, calved May 7, 1902; sire, Prince Ito. Consigned by John S. Goodwin. Sold to Stanley Pierce. 490  
Imp. Epaulet, calved May 14, 1895; sire, Eagle of Glams. Consigned by J. S. Goodwin. Sold to W. R. & W. B. Middleton, Shelbyville, Ky. 265  
Duchess of R. L., calved Oct. 22, 1905;


sire, Boston Pride. Consigned by McLachlan Bros. & Johnson. Sold to W. R. & W. B. Middleton. 250

**BULLS.**  
Galic Major 2d, calved Aug. 20, 1902; sire, Estill's Model. Consigned by W. P. & H. F. Clow. Sold to W. A. Guady, Galena, Ill. 100  
Undulata Blackbird, calved Sept 7, 1905; sire, Pride Hero. Consigned by Harry Weissinger & Sons. Sold to John W. Reedy, Beresford, S. D. 525  
Enterprise of Estill, calved Jan. 6, 1898; sire, 2d Major of Estill. Consigned by C. F. Flemming & Sons. Sold to W. P. Morved. 130  
Matcheteer, calved Jan. 12, 1906; sire, Blackston. Consigned by J. S. Goodwin. Sold to W. B. Gore, Clarksburg, W. Va. 150  
Woodlawn Blackbird Prince, calved May 27, 1905; sire, Prince Ito. Consigned by Stanley Pierce. Sold to O. E. Hunt 500  
Blackbird Lyon, calved March 1, 1903; sire, Lord Barbara. Consigned by Stanley Pierce. Sold to A. Vester. 125  
Westlawn 2d, calved June 20, 1905; sire, Baron Woodlawn. Consigned by Stanley Pierce. Sold to Duff Bros. 140  
Black Prince of Westlawn, calved May 12, 1905; sire, Baron of Woodlawn. Consigned by Stanley Pierce. Sold to J. E. Stewart. 110  
Blackcap Chief, calved Nov. 30, 1903; sire, Blackcap Monarch. Consigned by J. D. Wisely. Sold to C. Escher. 130

**SUMMARY.**  
48 females sold for \$4,072.50; average \$84.84  
18 bulls sold for \$2,397.50; average. 133.19  
66 animals sold for \$6,470; average. 98.00



# What Two Lice Can Do



They can virtually go right down in the poultry keeper's pocket and take the money. If left undisturbed the natural increase is so great that they soon multiply to a swarm that will sap the life of young chicks, breed disease in the pens and ruin profit.

## Instant Louse Killer

(Powder or Liquid)

kills lice on poultry, lice on stock, and ticks on sheep. It is harmless to use, and will effectively destroy cabbage worms, slugs on rose bushes, and bugs on cucumber, squash and melon vines. Instant Louse Killer is the original powder louse killer put up in round cans with perforated top. Look for the word "Instant" on the can—then you won't get an imitation.

**1 lb. 25c** { Except in Canada and extreme West and South  
**3 lbs. 60c** }

If your dealer cannot supply you we will forward 1 lb. by mail or express, prepaid, for 30c.

Manufactured by  
**DR. HESS & CLARK,**  
Ashland, Ohio.

## Why So Sure?


It's made on the right plan, it works right. It brings best results to the beginner as well as the experienced poultry raiser.

### The Successful

is the nearest of all the out and out automatic machines, both Incubator and Brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls. Incubator and Poultry Catalog FREE. Booklet "Proper Care and Feeding Small Chicks, 60c poultry paper 1 year, 10c. Des Moines Incubator Co. Dep 50, Des Moines, Ia.



## Save the Chicks



Don't let your chicks die from Bowel Complaint. Don't let Cholera and other diseases cut down your poultry profits.

### GERMOZONE CURES

Bowel Complaint, Cholera, Roup and other poultry diseases. Germozone goes immediately to the seat of the trouble. A teaspoonful in the drink will prevent disease and keep your fowls healthy. Price 50 cents. Write today to GEO. H. LEE CO., Omaha, Neb. Write for free book, or 1907 Egg Record, free.

## Succeed with a Successful

Simple, self-operating machines, sure of results. Take the least care and can be depended on for big hatches under all conditions.

### INCUBATORS AND BROODERS

with records, not experiments. Many thousand long-time users, all satisfied. Send to Des Moines Incubator Co., Dept. 60 Des Moines, Iowa.

Incubator and Poultry Catalog FREE. Booklet, "Proper Care and Feeding Small Chicks," 10c. 60c poultry paper one year, 10c.



**GOPHER DEAD**

Kills Prairie Dogs and Gophers of all kinds. Endorsed by State Experimental Stations. 1,400 tablets prepaid for \$1.25. Warranted. Katicide Tablets 25c. Ask druggist or send direct. Booklet free. F. D. Chemical Co., Fort Dodge, Ia.

## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### Raising Ducks.

To the Editor of The Homestead:

The raising of ducks is among the most profitable of home industries. The Imperial Pekin ducks at ten weeks old weigh from five to six pounds, bringing an average price of eighteen cents a pound. Machinery has enabled the duck raiser to accomplish his ambition of having his stock in the markets when prices are the best and also of raising large numbers of birds in a limited space of time.

The beginner should start modestly and increase his plant as his knowledge of the work increases. It is not at all necessary that ducks should have access to water to be raised successfully as they grow and thrive as readily without. There are successful plants where thousands of ducks are raised that have no water save that which is given them as drink. Houses for ducks are simple affairs. A duck does not mind the cold if it can keep its feet warm. Indigestion is not so prevalent with ducks as with chickens. The duck's ceaseless motion aids the digestive organs. The food of the duck is both vegetable and animal in nature; when the birds are raised in confinement this diet must in a measure be imitated to get the most satisfactory results. Too much hard food such as grain, does not agree with these birds and they cannot thrive on it. I always feed a mixture of corn meal and bran with scraps and plenty of grit. Do not feed sloppy food. Every farmer, every small home, where there is sufficient room, should grow a few ducks of some kind with his other poultry, as nothing is more attractive as a variety in table fowl.

B. F. W.

high scoring females at \$1.50 for fifteen, or \$2.50 for thirty.

—Buff Orpington eggs are offered for sale by Mrs. G. R. Fuller, Rolfe, Iowa.

—Rose Comb White Leghorn eggs are offered for sale by Mr. T. M. McEvoy, Emmetsburg, Iowa.

—Barred Plymouth Rock eggs from exhibition stock are offered for sale by W. W. Soholes, Onawa, Iowa.

—Aye Bros., Blair, Neb., offer Barred Plymouth Rock eggs of the Bradley Bros. and Judge Norvall strains at \$1.00 per fifteen.

—Mrs. E. F. Escher, Manning, Iowa, is selling Barred Plymouth Rock eggs from her very best matings. She has the Bradley and Ringlet strains.

—Single Comb White Leghorn eggs are offered for sale by John C. Miller, Harlan, Iowa, at \$1.00 per sitting. He has good stock and is a reliable breeder.

—White Wyandotte eggs exclusively, is what Mr. A. J. Podendorf, of Logan, Iowa, is offering for sale. Read his advertisement and send him an order, and you will be well satisfied.

—Pure-bred White Wyandotte, White Holland turkey and Toulouse geese eggs are offered for sale by the Forest Home Poultry Farm, Box 253-H, Audubon, Iowa. This firm has the very best of stock and is one of the most reliable poultry firms doing business in the state.

—"White my orders have been very satisfactory, my poultry have laid unusually well," is the text of a letter from Mrs. C. F. McLochlin, Gray, Iowa. In her advertisement are offered eggs from White Holland turkeys, Imperial Pekin ducks and White Wyandotte chickens. Moderate prices considering quality. Write your wants mentioning The Homestead. See page 11 for prices.

—Messrs. Aye Brothers, Blair, Neb., who advertise eggs from B. P. Rock chickens at \$1 per fifteen wish to call the attention of readers to the prizes which this flock has captured. At the big Washington county show, against strong outside competition, they won third in cock, first in cockerels, second and third in hen and first in pullet classes. This indicates something of the quality of eggs they are selling.

—"The eggs from my flock of S. C. White Leghorns are hatching splendidly," writes Mr. R. E. Brown, of Richland, Iowa, and from 478 eggs I have hatched 418 strong, healthy chicks. I am using nothing but Wyckoff cockerels on all my flock this season and believe I can supply Homestead readers with eggs that will improve their flocks. Write me, mentioning The Homestead." See page 11 for his advertisement.

—A neat little poultry circular has come to hand from Mrs. Frank Hart, of Danbury, Iowa, breeder of Light Brahmas, R. C. Brown Leghorns and Toulouse geese. At present her supply of goose eggs is exhausted. However, she can handle a number of orders of eggs from her chickens. Mrs. Hart has spent a good deal of money and considerable time in bringing the flock up to its present standard, and we hope that our readers will show their appreciation of her efforts by giving her the recognition she deserves. See the advertisement on page 11.

—Mr. Hartman, one of the influential business men of Winterset, Ia., has developed into one of the largest and best known poultry men of the central part of the state. He started in the chicken business as a side issue, but now, he is so devoted to the business that a large portion of his time is given to his fancy stock. A single glance at his birds would convince you of the fact that Mr. Hartman has reason to be proud of his products. They are of the 219 strain Barred Plymouth Rock variety, and will show up well among the very best. If you want the best in this variety write Mr. W. A. Hartman, Winterset, Iowa, and mention The Homestead.

### Salt for Poultry.

To the Editor of The Homestead:

One of your subscribers, Mr. A. H. Evans, sends the following inquiry:

I wish you would tell me if salt will kill hens. One of the boys placed quite a large pile of salt near the hen roost and since that time we have lost more than fifty hens.

By experience I have found where cows had been deprived of salt they exhibited an abnormal appetite for it. Chickens relish salt in their food the same as human beings. Salt prevents worms and gapes and increases the egg yield, but is very loosening to the bowels if improperly handled. I have known pork brine and ice water when thrown out to kill fowls that drank it. Feed one teaspoonful of pulverized salt to a quart of soft feed.

Subscriber.

There must be meat in some form in the daily bill of fare for laying and growing stock. But that amount should not exceed 25 per cent of the total amount of feed given. Too much meat and bone produces laxity of the bowels, impairs the digestive organs, and often results in soft-shelled, thin-shelled and infertile eggs.

Do not forget the green food for those brooder chicks. It is absolutely essential. So is grit and charcoal in their food.

### POINTERS.

—Barred Plymouth Rock eggs are offered for sale by J. M. Janssen, Sibley, Iowa.

—Silver Laced Wyandotte eggs are offered for sale by O. M. Healy, Bedford, Iowa.

—Mrs. L. C. Reese, Prescott, Iowa, offers Barred Plymouth Rock eggs for sale from a pen headed by a 92 point cockerel and from

## Homestead Brought 75 per cent of His Orders.

CHICKEN GRIT MANUFACTURER AND POULTRY BREEDER HAS THE USUAL EXPERIENCE OF ADVERTISERS.

Mr. W. A. Hartman, of Winterset, Iowa, manufacturer of limestone grit for chickens and breeder of 219 strain Barred Plymouth Rocks, sends us copy for change of his advertisement and writes:

"The Homestead is surely all right as an advertising medium and your patrons know where to go for good service. I advertised in several other papers, but out of nearly one hundred orders received during the last eight weeks, The Homestead has brought more than 75 per cent. I wish you the fullest success."


## Incubator

**\$7.00** Buys the Best 120-EGG Incubator

freight prepaid, ever made.


Double cases all over: best copper tank; hot water self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.

Belle City Incubator Co., Box 52, Racine, Wis.



## LIKE MOTHER HEN

Only Adjustable Suspension Poultry Brooder made. Thousands in use. Heated by warm water. Temperature always uniform. Warm water tank above chicks with loose damper opening under which chicks hover. Warmth equally spread and chicks do not crowd. No under heat to burn their feet. No steps or bridge to climb. No lamp flames or burners to breathe. Should lamp go out the warm water would keep the chicks alive all night. Lamp above chicks, has safety device, adjusted in height as chicks grow. Send for Catalog 106. Automatic Hatching Co., Detroit, Mich.



## THE FARMERS' FRIEND

E. J. Ingwersen, Lyons, Iowa.

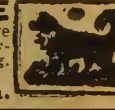
He makes Farm Gates, Water Tanks, Feed Troughs, Hay and Hog Racks for Wagons, Screen Doors and Windows, Kitchen Sinks, Post Tamperers, Jammock Racks, Fancy Plate Racks, Lawn Swings and Clothes Racks. He will sell direct to the farmer at surprisingly low prices. Write for his price list and see how much money you can save. Mention this paper.

Farmers wanted as agents AUGUST POST Moulton, Iowa.

## DOGS FOR SALE

AND ALL kinds of pet and live stock. Send 10 cents for sixty-page descriptive illustrated catalog.

MOUNT PENN KENNELS, Reading, Pa.



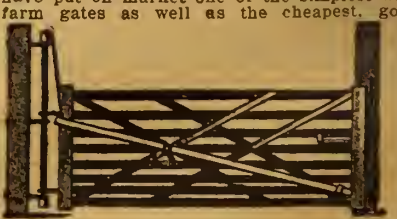
have been making sales extraordinary. This enterprising firm are wide and favorably known as among the largest and best importers of European stallions and mares of any firm in America. During the late winter they sold to the Pleasant View Stock Farm, of Pukwana, So. Dak., eighteen Percheron mares, (imported) and one very choice imported Percheron stallion. The following sales were all made from their famous Clinton barns during April: 1 2,200 pound Belgian stallion to Idaho; two Percheron stallions to state of Washington; one Percheron, one German Coach to Nebraska; two Belgians to North Dakota; three Belgians to Iowa; two Percherons to Wisconsin. The above were all imported. The United States government placed an order with this wide-awake concern for thirty very high grade Percheron and French coach stallions for the government's special use in Montana. These horses were all delivered in April. Mr. O. R. Champian sails for France and Belgium in a few days to be on the ground early. He expects to bring a fine collection for 1907.

### SOME SPLENDID LAND BARGAINS.

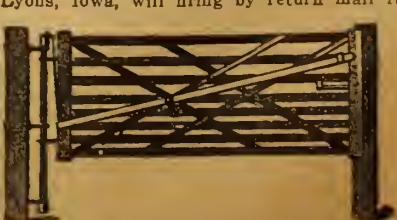
J. H. Dumont & Son, of Omaha, Neb., are offering the following exceptional bargains in farms: 440 acres mostly virgin soil, with timbered shelter for stock; living water, in western Iowa at \$65 per acre; 320 acres, twenty miles north of Omaha with fine shelter for stock and complete hog feeding plant, including water system at \$70; 360 acres, twenty-five miles from Omaha in the southwestern part of Washington county, which is especially adapted to grain and stock raising, at \$80; quarter section of pasture and hay land near Lincoln at \$42; 680 acres, two and one-half miles from Beatrice, partly seeded to alfalfa, fine stock feeding plant, good shelter, 250 acres in cultivation at \$60. Will furnish a tenant for the Beatrice farm who will rent for a term of years and pay as rent \$2,000 per year and all taxes. These properties are all owned by banks or individuals who have special reasons for selling and have authorized them to close them out at bargain prices. These properties must be sold within the next thirty days and they are being offered away below their value. See advertisement on page 19 of our May 2d issue. And write Messrs. Dumont & Son at once. Kindly mention The Homestead when writing.

### THE DAISY FARM GATE.

The Ingwersen Mfg. Co., of Lyons, Iowa, have put on market one of the simplest wire farm gates as well as the cheapest, good



gate on the market, of this construction. A letter addressed to E. J. Ingwersen Mfg. Co., Lyons, Iowa, will bring by return mail full description and prices on this and other valuable devices designed for farm comfort. Mention Homestead when writing.





## PLYMOUTH ROCKS.

## 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; R. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN., ALTA, IOWA

## EVERGREEN LAWN FARM

M. HUMMEL, PROP., MONROE, IOWA

BREEDER of monster B. P. Rocks for 24 years. B. Rocks headed by Iowa State and Jasper County fairs first prize winning stock, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 1st and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

## STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 28 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerels; 1st on pen and the largest number over standard in weight. Eggs \$1.75 per 15, \$3.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs.; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, Montezuma, Iowa

## BARRED PLYMOUTH ROCK EGGS.

15 FOR \$1.00; 30 for \$1.75; 100 for \$5.00. Our males score 92 to 94, grand in size and bone, strong in wing and tail, prize winners. Hawkins, Thompson, Bright and Bradley strains. Guarantee good hatch and safe delivery. Fine catalog free.

S. V. LATCHAM, Montezuma, Iowa

## Barred Plymouth Rock Eggs for Sale

BRADLEY BROS. the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing. Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

CHAD LARV Poultry Farm, 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93. pullets score from 90 to 93½. Eggs, pens 1 & 2, \$2.50 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

## BARRED ROCK EGGS.

11 cockerels leading my pens from 1st pullet at Boston and 4th cockerels at New York 1906. Eggs \$1.00 to \$1.50 per 15. Write for mailing list.

MATT S. SMITH, GRINNELL IOWA.

## B. P. ROCK EGGS

FROM extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cks. and cks. weighing 11 to 13 lbs.; scoring 91 to 93. are 1st prize winners and sire of state show prize winners; females weighing 7 to 11 lbs. 15 eggs, \$1.50; 30, \$2.50. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

BARRED Plymouth Rocks exclusively, Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$5.00. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

## BARRED PLYMOUTH ROCK EGGS

15 FOR \$1.45 for \$2.10 for \$4. from as fine a flock of hens as any man has. R. B. Thompson and Bradley Bros. strains. Orders promptly filled. Satisfaction guaranteed. Samuel Bone, Montezuma, Ia.

## Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reese, Prescott, Iowa.

## BARRED ROCKS

Famous Eclipse strain. Son of 1st hen, Chicago, mated to pullets scoring 90 to 92 points. Will produce winners. Eggs 15, \$1.50; 30, \$2.50. O. J. Viland, Slater, Ia.

## WHITE

Plymouth Rock eggs, 1st class strain, 26 eggs for \$1.25, 50 for \$2.25, 100 for \$4.00. Extra good flock, score up to 94 points, firm eggs. Address, Mrs. O. J. Early, Bristow, Iowa.

## MY FINE BARRED P. ROCK

Pullets, scored 94½, from range; \$1 per 15, \$1.50 per 30, \$2 per 50 and \$3.50 per 100 eggs. D. A. Good, Ogden, Ia.

## BARRED P. ROCK

Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

## BARRED

Plymouth Rocks exclusively. Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Seid for circular. Address, E. E. Healy, Bedford, Iowa.

## EGGS FROM PURE BRED BARRED PLYMOUTH

Rocks for hatching. Prices right. Address, Mrs. R. Van Der Werf, Route No. 2, Lacey, Iowa.

## 10,000 BARRED PLYMOUTH ROCK EGGS

for sale. Bradley Bros. and Judge Norval stock, \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

## BARRED P. ROCK

10 eggs for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

## BUFF

P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, Rt. 3, Newton, Iowa.

## BARRED Plymouth Rocks exclusively.

Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

## BARRED

Plymouth Rocks exclusively. Eggs from large, vigorous, well barred birds, 15, \$1; 50, \$2.50; 100, \$4.00. Arthur White, Red Oak, Iowa.

## BARRED

Plymouth Rock eggs of Bradley and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

## WHITE PLYMOUTH

Rock eggs from extra line laying strain. \$1.00 for 15; \$1.75 for 30. Ethel E. Carty, Delaware, Iowa.

## BARRED ROCK

Cockerels, \$1.50 to \$5.00. Score 88 to 93. Eggs in season, \$1.50 for 15. Address, L. R. Kimey, Adrian, Michigan.

## BARRED

Plymouth Rocks—Pure-bred; large; have farm range males weight, 11-14 pounds. Eggs fresh select. Packed carefully. Orders filled promptly. \$1 per 30 eggs. E. BAUER, Battle, Kan.

## PLYMOUTH ROCKS.



## 219 EGG STRAIN BARRED ROCKS

My winners show their quality as to fancy and utility. At Winter-set Show in Dec. won 2d, 3d, 4th, 5th ckl.; 1st, 2d, 3d pul.; 1st, 3d hen; 1st pen and special for best 10. 7 pens mated which I offer eggs at \$1.00 for 15; \$2.50 for 30; \$3.00 for 50. After June 1, \$1.25 per 15; \$2 per 30; \$4 per 100.

W. A. HARTMAN, Winterset, Iowa.

## EGGS! BARRED PLYMOUTH ROCKS.

COCKEREL and pullet mating; average score of Cocks 90, and cocks 91½ and 92. Judge Wale. \$1.50 per 15. Mammoth Bronze turkeys. Hens scored to 97½, toms 97½. \$3.00 per 9.

W. F. Wheaton, Outlook Farm, Dresden, Mo.

## BARRED PLYMOUTH ROCK EGGS.

10 FOR \$1.25 for 15; \$2.00 for 30; \$6.00 for 100. Flock is headed by 90½ point cockerel. Address, J. M. JANSSEN, P. O. Box 627, R. R. 3, Sibley, Iowa

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, Portsmouth, Ia.

## BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers, \$1.50 per 15 eggs. Twenty years a breeder.

J. L. SLICK, LANARK, ILL.

## B. PLYMOUTH ROCK EGGS

FROM choice selected birds at reduced prices for May. 15, 75c; 30, \$1.40; 100, \$3.50.

Roy Stacy, "THE RED HOG MAN," ROCHELLE, ILL.

## LEGHORNS.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

## S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyckoff and Blanchard strains of White Leghorns. Write for prices. Satisfaction guaranteed. H. E. Brown, Richland, Iowa.

## ROSE COMB BROWN LEGHORNS.

FROM stock scoring 92-93½ by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 50; \$3.50 per 100; \$6.00 per 200. H. R. Stewart, Charles City, Iowa.

## ROSE COMB BROWN LEGHORNS.

15 years we have been furnishing you the best eggs from the greatest laying strains in the world. Eggs, 15, \$1.00; 50, \$2.50; 100, \$4.00; White H. Turkeys, 12, \$3. Edith Sharp, Mt. Sterling, Ia.

## LEGHORNS

S. C. Brown and White. Browns score 90 to 94½. Whites score to 96. Eggs \$1.00 per 15 from pens. Incubator eggs, \$3.75 per 100. Circular. Geo. V. Price, Indianapolis, Iowa.

## ROSE COMB

Brown Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

## S. C. B. LEGHORN EGGS

Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Anthon, Iowa.

## ROSE COMB

Brown Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. 1 pay express charges. D. W. Nickerson, Marble Rock, Ia.

## ROSE COMB WHITE LEGHORNS

Eggs, thirty for one hundred. M. T. McEvoy, Emmetsburg, Iowa.

## SINGLE COMB

White and Brown Leghorns. Each variety on separate farm. Eggs \$1.00 per 15; \$4.00 per 100. Address, Geo. F. Blake, Maquoketa, Ia.

## ROSE COMB

Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

## ROSE COMB

White Leghorns. State Fair prize winners, eggs 75c per 15; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa.

## Rose Comb Brown Leghorn

eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

## SINGLE COMB BROWN LEGHORN

Eggs, 75 cts. per 15, \$1.25 per 30. Address, Collins Brothers, Viola, Iowa.

## SINGLE COMB WHITE LEGHORN

EGGS FOR sale at fifty cents per dozen. Henry Oerlich, Itasca, Iowa.

## Single C. White Leghorns

Exclusively. Wyckoff and Blanchard strains. Eggs for sale. W. C. Jones, Richland, Ia.

## S. C. B.

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White "	13, 1.50.	Engl. It. Neck,	13, 5.00
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## WITH THE EDITOR.

Two young persons whose mothers were sisters decided to marry. The parents of the young man were much opposed to the match, believing the marriage of cousins to be a violation of the laws of nature. The cousin lovers, of course, knew of this opposition; they also knew that the marriage was contrary to the laws of the state in which they lived, but they were not to be daunted. The consent of parents can be dispensed with, and if they could not be married in Missouri, why they could go elsewhere.

With the connivance of the mother of the bride-to-be, an elopement was planned. The marriage was accomplished, and the young couple returning began life as man and wife in a state which refuses to sanction such unions.

In the course of time a child was born to the cousins. Shortly afterwards they were visited by the two grandmothers, one of whom had awaited the baby's coming with much anxiety, the more painful because it was studiously concealed. Left alone a few moments she eagerly tested first the child's hearing and then its sight. On finding that it was neither deaf nor blind her joy and relief were so great that she burst into tears. At this moment the other grandmother unexpectedly came into the room, and at once noticed the other's tears, and grasping the situation said: "I just knew you were borrowing trouble. You see how foolish you've been. The baby is all right and as bright a child as anyone need ask." "Yes, the baby is all right," said Grandmother Number One, kissing the child tenderly as she spoke, "but though you won't admit it, you know as well as I do, Mary, that there's a horrible risk to the children when cousins marry."

Mrs. Brown was having "the time of her life," as she expressed it. After an absence of twenty-five years she was "visiting round" among the friends of her girlhood, who had remained in the place where they were reared. As she

sat chatting with Mrs. Elliott, first one family and then another came up for discussion.

"What about the Humes, Ellen? How has their marriage turned out?"

"Oh, they're getting along all right, Hattie and Jake, I mean; the children don't seem to amount to much, though. They were all awfully dull at school and they don't seem to be much better now they're older."

"Well, isn't it generally that way when cousins marry? The children are usually dull or blind or deaf or lacking in some way, I've noticed. For my part I think it is a burning shame that the law don't prevent such marriages. It does in Kansas, but then out West they are more progressive than back here."

In the Bible which I used as a girl, between the Old and New Testaments, there was a page containing a list of persons between whom marriage is forbidden by the church. In newer Bibles this list does not always appear, but public sentiment and legal enactment alike bear witness to the wisdom of some at least of the old ecclesiastical regulations which forbade marriage between certain blood relatives.

For some time it has been generally admitted that statistics bear out the theory that children are frequently born deaf when their parents are closely related by blood. Dr. Graham Bell's recently published census of the blind and deaf in this country makes it quite clear that the principle involved, viz., hereditary degeneration in the offspring of nearly related persons, holds good as regards blindness also. His report states that 5 per cent of the blindness in this country is in cases where the parents are cousins. About one in four of these unfortunate were born blind.

Lovers are usually thoughtless where the future is concerned. Sometimes they are also selfish. Cousins will marry; if they ignore the right of every child to be well born the state should not. Individual liberty is all very well, but individual liberty should not be a fetter. Since it is an approved and admitted fact that the marriage of blood relatives, notably that of cousins, results in physically degenerate offspring, concerted action should be taken to prevent such unions.

The marriage of cousins is now illegal in some twenty states of America. In the face of Dr. Bell's report it should be prohibited in every state in the Union. Economic reasons frequently force reforms which lag when backed by sentiment alone. Possibly the constantly increasing cost of institutions for the blind and the deaf will hasten desired action in the direction of protecting the rights of those, who, in the nature of things, are dependent upon others for protection.

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

Friends, in this world of hurry and work and sudden end, If a thought comes quick of doing A kindness to a friend, Do it that very moment! Don't put it off—don't wait! What's the use of doing a kindness If you do it a day too late? —Charles Kingsley.

## OPPORTUNITY.

My dead love came to me and said, "God gives me one hour's rest To spend with thee on earth again, How shall we spend it best?"

"Why, as of old," I said; and so We quarreled as of old; But when I turned to make my peace, That one short hour was told.

## A THOUGHT FOR PARENTS.

We hear and read a great deal about impolite children, but very little about impolite teachers and parents. Many a devoted but thoughtless father or mother will say things to a child that they would never think of saying to a grown up person. Yet a child is a most sensitive little creature, and we have only to think back over our own childhood to recall many unnecessary mortifications and heartaches.

## DON'T DO THIS.

I know a great many women, and no doubt you do, too, who, when house cleaning time comes around, take the old worn carpets for the boys' rooms. Every chair with a broken rung, or a rocker with only one arm, is thrust into the boys' room with the Old Jerusalem pictures and lace curtains with a great deal of "open work" displayed in their starchy freshness. Boys need bright, pretty rooms, just as much as girls, and if they are given the rubbish room in which to sleep, very naturally they think no care need be given it, since the door is always kept closed, no one gets to see in there, and it makes little difference what appearance it has. If a boy has a neat, pretty room, he will take pride in it, and no mother should make the rooms unattractive for her boys. It is the cheerless homes which send boys out of the



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## A MORNING IN MAY.

A dew-drop sparkling on a blade of green,  
A chattering wren on a maple bough,  
The cheery song of a farmer's boy,  
As he turns the sod with his shining plow  
The air all odor with orchard bloom,  
The sun scarce an hour on his glorious way  
Ah, you have guessed ere this, I know,  
'Tis early morn in the month of May.

## TO CURE FACIAL BLEMISHES.

If girls who have unsightly blemishes on their faces use this simple remedy for a week or more they will find a grand improvement in their appearance: Mix one teaspoonful of lard with as much flour of sulphur. At night wash the face with warm soap suds, rinse, and apply this lotion. Great care must be used in not getting this into the eyes, since it is very painful. The recipe was given by one of New York's best dermatologists. This has proven successful whenever tried.

## CHOICE RECIPES.

**Steamed Rice.**—Half a cup of rice, half a teaspoonful of salt, and one and one-third cups of boiling water. Put in small cups in a steamer, cover closely and steam three-quarters of an hour. Serve with stewed fruit and cream or sugar and cream.

**Custard Pudding.**—This may be baked in little cups. A good recipe is as follows: Put in a basin a quarter of a pound of granulated sugar and the yolks of five eggs, and mix thoroughly with a pastry whip for two min-

utes. Add a quart of milk and a little lemon essence if the custard is served hot with caramel sauce, or vanilla if served cold. Butter and sugar six of the individual molds and divide the pudding among them. Set them in a saucepan of water and bake the puddings in a moderately hot oven for forty minutes. Test each with a knife to see if it is firm in the center.

**Nut Bread.**—Scald one-half cup milk and add to one-half cup boiling water. When cooled to lukewarm add three-fourths cake compressed yeast dissolved in three tablespoonfuls lukewarm water, one-half teaspoonful each lard and butter, two tablespoonfuls molasses, one cup chopped nut meats, preferably English walnuts or pecans, one-half cup white flour, three cups or a little more of entire wheat flour and knead like ordinary bread. Bake in a moderate oven. This bread makes a delicious sandwich when cut thin and spread with currant jelly.

**Veal Loaf.**—Mince three pounds raw, lean veal and a quarter pound fine fat pork, salt or fresh. Season with half an onion, grated fine, a tablespoonful of salt, half a teaspoonful of pepper, half a teaspoonful powdered thyme, quarter of a teaspoonful sweet marjoram, the same amount summer savory and a saltspoonful celery salt. Next mix in two-thirds of a cup of rolled cracker crumbs, a scant cup veal gravy or hot milk, and the yolk of one egg and the whites of two beaten together until light. Mix thoroughly and form into a compact loaf. Roll it until coated in the yolks of two eggs left over, then in sifted cracker or bread crumbs, pack in a butter mold or bread pan, and bake in a moderate oven. As it begins to brown hasten with a little hot water and butter. Roast two

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May 9, 1907.]

hours and a half, serve cold cut in very thin slices.

## AMONG OURSELVES.

Busy women do not do much reading in the spring-time, but they hunger for it all the more and some of them will be glad to take the edge off their appetite on the little book talk we are to have from Mary Emily:

I have so many times read your oft repeated and uncomplained-with requests for a book talk for the department that I have concluded that if no one better will give you one, I will. Now, I don't know a thing about books, so I can promise you this will be a very interesting article. Oh, yes; I've read a few, but what I mean is that I know nothing about style, diction, phraseology, plots and the many other things that go to make up a great book or a good seller. When I criticize I do it wholly and entirely from the standpoint of personal liking which I believe to be the standpoint of nine-tenths of the reading public. Of course, critics, real professional critics are different, I suppose; but when the average person says a book is "good" or "no good" it means that he enjoyed it or did not enjoy it and has no reference to its literary qualities. There is a small library in the town in which I am staying at present and when the librarian was asked how many histories, essays, etc., went out daily she said that though it would not take very long, she had no time to count them, for she was kept so busy handing out the books of George Barr McCutcheon to a hungry public. I have just read his "Jane Cable," and I should really like to know how it got to be one of the "six best sellers," for it is common-place and uninteresting. (Remember my standpoint of criticism.) How many of you have read his "Nedra"? It's a thriller. A young man and a girl elope at the start, not because there was any opposition to their marriage, but because they wished to escape pre-nuptial social affairs. After some very thrilling adventures in Chicago and New York they set sail for Manila, expecting to be married when they arrived there. Of course, they have a shipwreck, and though Hugh tries to save his sweetheart, through a mistake he rescues another woman. They are in the water swimming, goodness knows how far, encounter all kinds of difficulties and hair-breadth escapes, and are finally cast up on the sand of an unknown island. Now one of the first things the Lady Tennyson, for such is the name of heroine No. 2, did was to take out her back comb and arrange her hair! If anyone reading this will make a back comb that will stay in the hair through all the experiences that lady had had, he would better patent it, call it the Nedra comb and put it on the market. I am sure he could sell hundreds to long-suffering women who find themselves combless in the ordinary performance of quiet duties. Of course, Hugh and Tennyson fall in love. Two little things like his elopement and her husband would never stand in the way of a real McCutcheon love affair. They remain

on this island, the Isle of Nedra, which is Arden spelled backwards, for one year I think, and become the king and queen of the heathen people they find there. Just as they are about to be married according to the heathen ceremony they are rescued. They find that her husband dead in love with the wreck and his sweetheart dead in love with Hero No. 2, so everything ends happily.

Mary Emily has a pretty gift in her ability to talk charmingly about books. For the circle I express the hope that she will give us the benefit of it two or three times a year, oftener if she feels so disposed.

I want to give the friends a letter which came to me some time ago and has been waiting for a more convenient season. After we have it I shall have a few words to say;

Will an Indian girl be welcome? I have read and enjoyed the talk among ourselves for a long time and I have been very much interested in June Bug. I am a young girl and expect to marry a man much older than myself and if it is wrong I want to know it. My father and mother are dead and I am left all alone. I have six brothers living, but they are all out in the wild West. My brother that has stayed with me since my parents died was laid in the grave a few weeks ago. It was hard to give him up, but yet I would far rather see him at rest than see him a drunkard. I live in a log-cabin all alone now, and give music lessons for a living. I have played the violin since I was eight years of age. The grave-yard where my brother is sleeping is only about twenty steps from my door and many a time at midnight I go to his grave and stay for hours. The people around here look down on me because I am an Indian, but I think if they only knew how lonely I am they would feel different. There isn't another Indian within fifty miles of here that I know of. Sometimes I long to be with my own people and then again I think it best to stay where I am. Many a time I have wished that I might be laid beneath the sod where I should see no more trouble, but I suppose God knows best. Will some one please tell me what to do, for I cannot live this life much longer?—Juanita Lanza.

Since the writing of this letter our young friend has had the benefit of the views of the circle on the propriety of young women marrying men greatly their seniors, but the chances are that her conduct will not be much affected by what we said. Most of us do, not the thing we should, but the thing that is expedient or the thing our inclination prompts. However, that was not what I wished to say. The appeal this letter has for me is in the isolation of the girl. Her circumstances are somewhat singular, but the great fact of her loneliness is not at all singular. In almost every community there are lonely souls and we selfish people who have our homes and our loved ones do nothing for them. Shame on us who might bless and gladden their lives, but refuse to do it. I want every member of the circle right here and now to pause and ask, "Is there anyone hereabouts who needs what I can give in the way of encouragement, sympathy or hospitality?" When we come right up against our duty we generally do the decent thing. I suggest just the question, nothing more.

And now about young girls giving their mothers their confidence. This is a vital matter, one which affects life so generally and so closely that it is worth going into it thoroughly. We shall listen to the views of a daughter and of a mother this week, but as they will not exhaust the subject it will be continued next week.

If a girl or boy cannot trust mother with their secrets, whom can they trust? I have always gone to mamma with my secrets and made her my chum. I never knew what a "chum" was, in any one but mamma. Yes, I was with girls whenever I wished. Mamma always knows when I am expecting company and who my company is to be. If she is feeling well I always expect her to come in to the room and let my friend, or friends, know that he, (or they) are welcome, and I feel hurt if she does not do so. When papa was alive I expected the same of him. No, my parents never were "harsh" or "cranky" with me, but I loved them so I wanted my friends to grow acquainted with them. My brother comes to mamma or me with his plans and expects us to help him out, if we can, and we do it if it is possible. I do not know how and what my little sister will do. I am nearly twenty-one years of age, yet I never promise to do anything until I consult mamma. Of course, if I am away from home that is different. No, I am not boasting, but simply telling the truth. I should be very lonesome indeed, if I could not trust my mother. We have so much fun together. I am afraid I have said too much; but I want to know who a young person is to trust if not father or mother?

As I was reading the letters, Among Ourselves this morning and musing over Dakota bachelor's views on dancing I notice the question asked, "Should a girl give her mother her confidence with regard to her correspondence and her gentlemen friends?" I will tell what I actually know about such a question. It is not natural for young or old to like another to read letters written for only one pair of eyes to see, whether there is anything to amount to much in them or not. It is just the same as a confidential talk. One does not like to have it repeated to the third party. Once when I was a girl I was corresponding with a man friend, and



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**PRINTS** The Eddystone Mfg. Co. (Sole Makers) Philadelphia.





# FRUIT GROWING

The rich irrigated lands of the Arkansas, Grand, North Fork and Uncompahgre Valleys of Colorado, and the Farmington District of New Mexico, offer exceptional opportunities for the fruit grower. Pears, Peaches, Apples, Grapes, Apricots, Plums, Melons of all kinds and small fruit of every variety are raised with a greater average yield per acre—and a finer quality—than in any other section of the United States. Markets are close at hand and the demand exceeds the supply.

## The Denver & Rio Grande R. R.

"Scenic Line of the World"

reaches all the above districts and offers special inducements to those seeking locations. Write to-day for free descriptive booklets.

**S. K. HOOPER,** GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.



Lamp-chimneys with my name on them live to a ripe old age unless an unusual accident happens to them. They never break from heat.

They give the best light, too, because they fit and are made of tough glass, clear as crystal.

Let me send you my Index to Lamp-Chimneys. It's free.

Address, MACBETH, Pittsburgh.

### THE GREAT DURABILITY AND WATERPROOF QUALITIES OF THE FISH BRAND POMMEL SLICKER

Make it First Choice of the man Who Knows

EVERY GARMENT GUARANTEED

IF YOUR DEALER IS OUT OF FISH BRAND, DON'T CHANGE YOUR MIND. HAVE HIM GET THEM OR SEND ORDER AND PRICE TO US.

\$3.50 BLACK OR YELLOW

TOWER'S FISH BRAND SOK





### LAWN FENCES

Two to six feet high. We save you 50%. Also write for catalogs poultry and hog fences and gates.

**MUSGRAVE FENCE CO.,** Des Moines, Iowa

(IOWA CODES FOR IOWA PEOPLE.)

SELL TOBACCO AND CIGARS locally or traveling; salary or commission. Full time or side line. Steady work; good pay; promotion. Address, Morotack Tobacco Works, Box Q 98, Danville, Va.

GRAVELINE positively and permanently cures G. Gallstones. Gives immediate relief. Price 50c a bottle postpaid. Graveline Medicine Co., St. Marys, Kan.

I frankly told him I would let mother read my letters if she wanted to. He objected at first, but we talked it over and we decided a girl ought not to keep anything from her mother. We knew mother to be a sensible woman who would not mention anything to anyone unless it was to father and they together could keep a secret until Gabriel should blow his trumpet. I will confess to a little queer feeling when I handed my first letter over to mother. She read it, but said nothing. I gave her the next and told her where I was going to keep my letters. I put my letters away from that on and told her to read them when she got ready, but I don't believe she ever read another one. The point is this, I had gained mother's confidence by being frank with her and she did not worry about the letters. Mothers will worry if they are kept in the dark about anything. Girls, don't be afraid to tell your mother your secrets. If I should close here you would all wonder what the outcome was of such a correspondence. Some, no doubt, think it could never end in courtship and marriage with mamma's visage in view. But he is the "Only Man" to me now and has been for eighteen years. There has been many a pure correspondence without mother's knowledge and there has been many a bad one that would disgust and cause Old Satan himself to blush, so I think the only wise plan is to take mother into your confidence. It won't do any hurt any way, and it may save you and her many a heart-ache.

The point made by Mrs. Beatrice that her mother did not avail herself of the privilege of reading her sweetheart's letters is worth noting. The fact established that there was no objection to her doing so, that there was nothing to hide and that her good will was desired put the correspondence upon a footing where the mother's active chaperonage was unnecessary.

The friends are beginning to express themselves more freely on the subject of dancing. As "Grey-eyes" speaks for a very considerable number of young girls, her views will receive more attention than if she were simply an individual:

Why do not more say something about dancing when there is so much harm in it? I say there is harm in it because I believe it, as I have danced myself. I am only sixteen, and am obliged to learn most everything myself, my mother not being with us. I began to dance when I was thirteen, and when I began to dance I began to give up church, and was like all other girls who dance. I cared more for boys' flattery than the good and true things in life. But I am glad to say I have found my Saviour, and I am trying to learn more about the Christian life. Dear girls, can't you see the harm in dancing? Don't you want to be more like Christ? Imagine Christ dancing! And ought we to do things that He would not do? Rev. Sam Jones said: "Fathers and mothers who encourage dancing, can you lay your hand on your child's head and say, 'This daughter will die as pure as an angel?' Others' daughters, who are as pure and lovely as yours have been down with the devil's feet on them,—and a woman never gets up when the devil puts his feet on her once." There are so many good ways to enjoy one's self without going to dances and other question-

able amusements. Girls, do think more of your future! Do you think you will be able to do your share of the work God has given to each one of us if you spend your youth in the dance hall and other worldly places?

That last is an important question. Pleasure is legitimate and should have a place in every life. The trouble is that so often our pleasures are ill chosen and that they unfit us for the business of life which is not amusement, but work and character-development. Next week we shall hear from an older woman, one who has had opportunity to measure the power of amusement in directing the currents of life.

Where one lives on the spiritual plane, two live on the mental and scores on the physical where everyone must live while in the flesh. However long we may linger with thoughts and books we must always come back to things and so we are ready to listen to X. Y. Z. on laundry work and another equally practical matter:

I have decided to make my first visit to the Home Department this afternoon. I am always interested in reading the different articles given under this head. I should like to voice the sentiments of the lady who gave us the hints for shortening laundry work. I, too, think it very foolish to iron underclothes, sheets, etc. I have but one little girl, and suppose I do not have near the work to do that some mothers have who iron everything for a large family. I have plenty of aprons for my little girl and do not starch them, but hang them out straight and they do not need ironing. Hang the good man's shirts up by the tail, and they are ready to wear when dry. Some one says, "Iron only the ruffles on the night-dresses." I find it better to have no ruffles on the night dresses, then they won't need ironing. In regard to the size of families, it seems to me that every woman should decide for herself how large a family she feels physically able to care for. And I am also of the opinion that it is quality, rather than quantity, that should be considered in deciding the number to be in the family.

## Dressmaking and Millinery—No 568

Sylvia Silverthorne, Muscatine, Iowa.  
(All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.)  
In replying to a question asked me by one of the readers I may perhaps help others who are puzzling over the same misunderstood point. "How to put a bias piece around the bottom of a gored skirt so that it will fit smoothly?" I think the question refers to the application of a bias band two or more inches in width which was mentioned in a former paper as a very fashionable mode of finish, said band being stitched to the skirt at its top edge only. After finishing the edge of the band that is to be at the bottom of the skirt baste it smoothly in place whether it be at the bottom or a few inches above, then baste at the top adjusting by holding the top edge slightly full, but not enough to form pleats or "gather."



Stitch at the top and take out bastings at the bottom. It is simple as can be when one has the work in hand, although it may seem a bit formidable beforehand. Another mode especially adapted to wool fabrics is the "tailor" idea of using the heated iron and after moistening the material stretch it at the bottom and pull it at the top, press-



[5614 Tucked Blouse, 32 to 40 bust.]

tag it into the desired shape. Should you use this latter method you may find it necessary to repeat the pressing if by chance the garment becomes damp.

5614 illustrates a tucked blouse made up after the lingerie idea, but the model is one that may be selected for any material and



[5629 Flounce Skirt with Straight Lower Edges, 22 to 30 waist.]

for other modes of development than that shown. The garment closes at the back, but as the closing is made invisibly, without allowance for overlapping edges one may easily cut the garment with the back in one

piece and by applying a band or pleat at the front make it front-closing. But I may assure you that the great majority of such waists are made to close at the back. The waist is tucked to yoke depth at front and back, and you will note that the very broad shoulder effect is given. The shaping and adjustment of the sleeve where it joins the arm hole aids in this and let me here suggest that to give the outstanding effect to the sleeve one must catch the edge of the sleeve seam at top to the shoulder seam. If the garment is of a material that permits, the seam may be caught in "blind" stitches so that it turns inward toward the body of the waist. In a waist having tucks as this one has the stitches are "badly" concealed beneath the tucks. The trimmings are of applied lace insertion, and after the trimming is applied the material may be cut away to give the more transparent effect. Embroidered insertion is much used on such waists in this way. The ends of the insertion are finished in a point, no other finish being quite so general. Any material is suitable for such a waist and it may be used as a suit garment or for a separate waist. 5614 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering pattern.

5629 is a favorite design for skirts that are made of materials that are to be laundered but it will also be used for light weight woollens and silks. The straight lower edges of both the flounce and the top portion of the skirt adapt it to use for embroidered flouncings, as well as to those that are to be tucked or trimmed with insertions or embroidered edgings. The flat stitched pleats at the waist line adjust the fullness of the upper portion, while gathers or shirings adjust the greater fullness of the flounce. A pretty idea is to make both portions of the skirt of plain material in either white or a color, then embroider a design at intervals in something of panel effect, having those on the flounce slightly larger than those on the upper part of skirt, but corresponding

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson VI. Genesis XLV, 1-5; I, 15-21. May 12, 1907.

#### Joseph Forgives His Brothers.

An ancient inscription describes a certain prime minister as "the eyes of Pharaoh in the North and his ears in the South." It is not an unlikely description of Joseph himself. Twice he is said to have gone through all the land of Egypt. He was as devoted to the interests of his sovereign as Daniel was in Babylon. Immersed as he was in the affairs of administration in the crisis hour of a vast empire, he lacked not the honors of state or the amenities of home. He lived in the superb City of the Sun, near the apex of the Nile Delta. He wore a linen vesture worth its weight in gold, and Pharaoh's own signet flashed from his finger. The fetter of his slave-days, transmuted to a golden ornament, hung about his neck. A famed Egyptian chariot of embossed brass stood at the portal of his palace.

A virtuous and noble woman, probably an heiress to a vast landed estate, swayed her queenly scepter over Joseph's palatial home. Two sons with significant names graced his table. Manasseh served to remind him that the poignancy of his servitude, and the grief of separation from his father's house was gone. And Ephraim suggested constantly the abundant blessings of Providence.

We can scarcely believe that such a high civilization as that of Egypt the principle of bureaucracy did not maintain; and that, as in a Bedouin tribe, all suppliants were brought at once to the chief, so all the famine-stricken suppliants were brought immediately to the presence of the prime minister of the realm. This case was probably exceptional. May not the suspicion that they were disguised emissaries of some hostile nation have led to the innovation? Joseph's quick wit was relied upon to detect them if they were spies.

Twenty-two years, and the brothers' paths, which diverged at the pit in Dothan, converge again in the palace of On; years for Joseph so crowded with startling transitions as to make the artless narrative fascinating beyond comparison; years for his brothers, let us hope, of moral improvement, though their great crime remained unconfessed and unatoned for.

The guilty brothers may have furtively scanned the faces of such domestic slaves as they might chance to meet, with small expectation of recognizing in some menial their rejected brother. But they looked squarely at this mighty prince, with his Egyptian name and retinue, without the slightest suspicion that he was their kinsman. He was completely metamorphosed. But they were the same rude Bedouins, still in shepherd garb, speaking their mother tongue, and

## CONGO ROOFING



Doesn't harden in the sun, or crack in the cold.

Doesn't shrink at the seams. Always waterproof—always tight.

Light in weight; low in price; no imperfect rolls. Absolute satisfaction always.

Congo Roofing makes a fire-resisting, durable roof. Any one can lay it.

A Sample is the best proof. Write today and we will send it to you free.

### BUCHANAN-FOSTER CO.,

538 West End Trust Bldg., Philadelphia, Chicago & San Francisco.

in design. Hand-embroidery you know, is quite the "rage." Pattern 5629 is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure. Give size when ordering pattern.

Send eleven cents in money (not stamps,) for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

Their being brought to Joseph an exception. Suspected to be spies.

4. Joseph's recognition. His skill in secreting his identity. Means of discovering brothers' attitude toward himself.

#### The Teacher's Lantern.

The darkest hour is just before dawn. The pitiful emergencies of the patriarchs reached a climax when the divining cup of the merciless Egyptian prince was found in Benjamin's sack. Then at length it was that they heard the voice of the stranger, in the familiar accents of their mother tongue, saying, "I am Joseph."

One must not imagine that the caravan from Canaan consisted of just ten men and ten beasts. The representatives only are mentioned. Ten times ten would be none too many beasts to carry back even a temporary supply for the vast camp of the patriarchs. The "money" was in the form of linked rings of silver, specimens of which have been found in the tombs.

Jacob's propitiatory offering to the unknown Egyptian prince must have affected Joseph deeply. It consisted of peculiar products of the Promised Land, from which he had been an exile twenty-two years—balm, a fragrant gum highly prized in Egypt; honey, possibly thickened juice of grapes; spices, literally "that which is pounded small;" myrrh, bitter ladanum, the well-known odor of which can still be detected about the mummies.

A tomb at Beni-Hassan gives a vivid portraiture of an Egyptian banquet and the attendant manners and customs. The quantity and variety of viands are enormous. Retainers wait to receive their portion. Slices of bread are used as platters. Well might Joseph say at the opening of the meal, "Set on bread." He sent each brother his portion upon one of the slices of bread piled up before him, and indicated his affection for his own full-brother by a portion five times as large as that of the others.

## SKIN SORE FOR 8 YEARS

Spent \$300 on Doctors and Remedies But Got No Relief--Work Often Impossible--Trouble Gone

### CURED IN A WEEK BY CUTICURA

"Up to a week or so ago I had tried many other remedies and several doctors, and spent about three hundred dollars, without any success, but this is today the seventh day that I have been using the Cuticura Remedies (costing \$1.50), which have cured me completely, so that I could work again to-night. My trouble was as follows:—Upon the limbs and between the toes my skin was rough and sore, and also sore under the arms, and I had to stay at home several times because of this affliction. I had been suffering for eight years and have now been cured by the Cuticura Remedies within a week. I shall recommend it to my friends. Fritz Hirschblatt, 24 Columbus Ave., New York, N. Y., March 29 and April 6, 1906."

\$4.50 TWIN CITIES \$4.50

The Minneapolis & St. Louis R. R. announce their first popular excursion to St. Paul and Minneapolis May 11th. Special train will leave Union Depot, Des Moines, 8:30 p. m. Double berths in tourist sleeper \$1.00. For tickets and berth reservation, call at City Ticket Office, 512 Walnut St., or Union Station.

**Destroy This Pest with**

# Swift's

## Arsenate of Lead

Every variety of leaf-eating insect is destroyed by this insecticide; the codling moth and other moths, caterpillars, grubs and slugs; the potato bug, elm leaf beetle, etc. Swift's Arsenate of Lead is white, sticks to the foliage, and cannot burn or scorch, no matter how strong a solution is used. More highly recommended than any other insecticide. Write for free booklet. It will interest you.

MERRIMAC CHEMICAL CO., 41 Broad St., Boston, Mass.

# SCALES

U.S. STANDARD

CATALOG FREE

ALL STYLES—LOWEST PRICES—

AMERICAN SCALE CO.

206 NEW ENGLAND BLDG., KANSAS CITY, MO.

#### Analysis and Key.

1. Joseph the "Eyes of Pharaoh." Devoted to his sovereign. An adopted country.
2. The splendor of Joseph. His vesture, ornaments, palace, chariot. His family.
3. The incident. Brothers' arrival.



## ADDITIONAL FIELD NOTES.

## THE GOLDEN PRAIRIE OF WYOMING.

The opening up to settlement of what is known as the Golden Prairie District of southeastern Wyoming marks the beginning of a new era for that fertile country. Until within the past few months, with the exception of the small Swedish settlements surrounding Salem and Albin postoffices, this entire tract, consisting of a quarter of a million acres, was under the absolute control of less than one-half dozen ranchmen who during recent years have amassed a fortune as a result of grazing their flocks and herds upon the succulent grasses. Each alternate section of this land consists of free government homesteads and now that President Roosevelt has compelled all fences surrounding homestead lands to be torn down, settlers are rushing in and the next few months will witness most remarkable developments there. Practical farmers who have recently visited that territory are unanimous in their praise of the fertility of the soil, abundant crop yields, shallowness and purity of the water and other conditions which combine to make this a desirable opening either for a home or as an investment. On page 24 of this issue is found the full page advertisement of The Federal Land & Securities Co., descriptive of the Golden Prairie country. This company is a Des Moines institution and its officers, directors and stockholders include many of the best-known and reliable business and professional men of Des Moines and Iowa. Their resources are ample and those dealing with them may rest assured of a "square deal."

## R. H. HADLEY'S SHORT-HORN SALE.

On May 22d will occur a sale of Short-horn cattle at New Providence, Iowa, that should attract the attention of the farmers of the state of Iowa to that extent that they should lay away their labors for the day and attend the sale. It will certainly afford them an opportunity to secure some good useful, practical Short-horn cattle such as should be placed on every good Iowa farm in order to keep abreast of the times on the high priced land that requires the best of everything grown in order to make interest on the investment. On this date Mr. Hadley will offer forty-seven head of registered Short-horns. There will be sixteen bulls in the offering, the remainder females practically all of breeding age, a large per cent of which will have calves at foot. Probably the principal attraction of the sale will be Mr. Hadley's herd bull, Golf-man 2d, 247994. This is an exceptionally well bred roan bull, calved July 1, 1904. He was sired by that great Scotch bull, Golf-man, owned by A. L. Stutzman, of New Sharon, Iowa. The dam of this bull for sale is Mabel 2d, and she by Imp. Fearless Archer 132621. This bull, Golf-man 2d, has been used with marked success by Mr. Hadley until the present time when he deemed it necessary to make a change. This necessity affords a splendid opportunity for some one in need of a good Scotch bull to purchase one that has been tried and tested. Mr. Hadley will sell four other good young bulls, all red. They are about one year old, and are just ready to enter into service. Associated with Mr. Hadley in this sale will be Mr. E. S. Shelton, who will sell six cows and heifers, some with calves at foot. Mr. F. T. Clampt sells six cows and three bulls. Mr. Roy Wood sells two cows with calves at foot. G. W. Mitchell, three bulls, and Wm. Crider, two bulls. Mr. Hadley sells four Scotch cattle that are good ones and worthy of attention by the Short-horn fraternity. Col. A. P. Mason, of Iowa, is the auctioneer and will do the selling. Application for catalogs must be made to R. H. Hadley, New Providence, Iowa. Kindly mention The Homestead when writing for them.

## GEO. M. McMURRY OFFERS GOOD DUROC FALL BOARS.

Among the younger men of the popular Duroc Jersey breeders of the corn belt is Mr. Geo. M. McMurry, of Maryville, Mo. Mr. McMurry has been breeding the Duroc Jersey for a few years past, using such foundation stock as is, and has been recognized as among the best producing strains of the breed. When the Perfection Chief Stock Co. was formed to buy the great show and breeding boar, Perfection Chief, Mr. McMurry took a third interest in the boar and when the representative of this paper visited at Mr. McMurry's last week he was more than pleased to see that Perfection Chief is making good for Mr. McMurry. Perfection Chief is one of the large, smooth kind, weighing 800 pounds in breeding condition. Individually Perfection Chief is right up among the best, as he carries one of the strong, arched backs, a set of well sprung ribs, the width of rump, so much sought after by Duroc men, an extra good set of legs, well placed and a head that has to be seen but once to impress breeders that Perfection Chief will make good. As a pig he was shown at the world's fair at St. Louis, winning second prize pig and in 1905, senior yearling boar at the Iowa state fair. Mr. McMurry's first pigs by Perfection Chief arrived last fall and are all that was expected. The boars have the bone, quality and all the stretch necessary. Among these is an early summer boar out of a Top Notcher sow, that should go to some good herd where a good strong male is wanted. He has an extra heavy bone of good quality, a strong back with the width carried back through the rump to setting on of tail. Two out of a Shakespears sow are also good and by some might be preferred to the other. Choice Goods 43367, a full brother to W. L. A.'s Choice Goods was also used by Mr. McMurry, but unfortunately he quit breeding and only a few of his get are in the herd. Breeders know the blood lines that are found in these are as rich as are found in the herd books, as Choice Goods traces through Lafayette, his sire to Protection, Duroc Challenger and Duroc King, three boars that have never been out classed as sires. Through his dam, S. E.'s Model 9th, that sold for \$1,060, he traces to the great Ohio Chief. Some very fine boars of fall farrow have for their sire Choice Goods and no mistake will be made in these. Mr. McMurry has a fine lot of spring pigs coming on of which more will be said as the season advances. Just now we wish to urge any in need of a fall or summer boar to write Mr. McMurry and kindly mention this paper when doing so. See page 18 for advertisement.

## LANDS AND HOMES FOR SALE

## STOP TRYING TO MAKE MONEY

on high priced worn out land when you can get the richest land in the world at one-eighth the cost. Land that will make you rich in a few years. We own and control

## Over 500,000 Acres

in the finest districts in WESTERN CANADA producing from 30 to 50 bushels of No. 1 HARD WHEAT to the acre. These lands are located in

THE FAMOUS SASKATCHEWAN VALLEY,

THE GREAT QUILL LAKE PLAINS,

THE GOOSE LAKE DISTRICT,

THE YORKTON DISTRICT.

Sell your old farm, buy a bigger and better one in Western Canada and put the balance in the bank.

Write for Maps, Descriptive Matter, etc.

STEWART & MATHEWS CO., LTD.,

187 Water St., WINNIPEG, CANADA,

305 Jackson St., ST. PAUL, MINN

**HAVE YOU SEEN SMITH?** W. F. SMITH REALTY CO., OF KEARNEY, NEB.  
**WE SELL THE EARTH** Write us for our new list of central and western Nebraska lands, the cheapest for its value on earth. Write today.  
W. F. SMITH REALTY CO., KEARNEY, NEBRASKA

## At Estevan, Saskatchewan

## "Rosy Promise Has Ripened Into Reality."

MEN of means may here invest surplus funds and watch dollars grow while they wait. Crops produce plenty profit. We provide renters if you wish, but you can prosper proportionately to come and sojourn among us. Renters cannot know, and pay in rents the price of homes and prosperity here. Our locality may not be the Cream of Creation, but a land of prosperity. Instead of watching our smoke at a distance, buy land, secure an Estevan snap and rejoice with us. Generous crops cause gentle smiles. At Estevan no adversity with sorrowful countenances. There is a reason why. Ask and we will explain more. Our Homeseekers' Guide and a weekly newspaper, published at Estevan, Sask., will be sent for a time (free of charge) for the asking. Each will bring to you much information of our locality. The land of profitable investment, of opportunity, of prosperity. Mention The Homestead.

THE NELS MIKKELSON LAND CO.,  
Pioneer Prosperity Promoters,  
Estevan, Sask., Canada

## Canadian Government FREE FARMS



OVER 200,000 American farmers who have settled in Canada during the past few years, testify to the fact that Canada is beyond question the greatest farming land in the world.

## Over Ninety Million Bushels of Wheat

from the harvest of 1906 means good money to the farmers of Western Canada, when the world has to be fed. Cattle Raising, Dairying and Mixed Farming are also profitable callings. Coal, wood and water in abundance; churches and schools convenient; markets easy of access; taxes low. For literature and information address the Superintendent of Immigration, Ottawa, Canada, or the authorized Canadian Government Agent, W. V. Bennett, 801 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 215 Jackson St., St. Paul, Minn.

## BEWARE OF LAND AGENTS WHO

FOR the sake of a commission try to sell bad lands in a good country. Save commissions by buying direct from us in the Garden Spot of Texas, where values will increase faster than elsewhere because the soil is richer and deeper; will produce larger and more varieties of crops; is clear, ready for plow; crop failure impossible, because some crop can be planted any month in year; climate healthy; not cold in winter nor hot in summer; ample rainfall; competing railroads within two miles; close to best markets in world; good neighbors. Save agent's commission by buying direct from us. Do it now. Prices \$10 to \$20 per acre in any sized tract to suit. Next fall will be \$5 an acre more.

Write or call for booklet, "Truth About Texas," and state map free. Cheap R. R. rates. Free fare to buyers.

PICKERT-HAMMOND LAND CO.,  
Opposite Grand Central Station,  
Houston, Texas.

N. W. Branch, 1039 and 1040, Lumber Exchange, Minneapolis, Minn.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

## A Fine Kansas Farm For Sale

A FARM of 280 acres, nine miles North-east of Yates Center, (the County seat of Woodson County) and within one mile of Vernon, on the Missouri Pacific railway, running from Kansas City to Wichita, 119 miles from Kansas City. The farm is an excellent one, good rich soil, well improved, all under fence, divided into fields, with 25 acres of hog tight fence, and pasture fenced separately, and in Oil and Gas Belt.

The improvements consist of a five room dwelling house, with cellar and summer kitchen, well and cistern. A good barn, with stabling for a dozen horses, and hay-loft above; a cattle barn, pig pens, granaries, corn cribs, etc., with other out buildings. A good orchard, with abundance of fruit, apples, peaches, plums and small fruit.

A never failing stream of water runs through the west part of the farm near the buildings, furnishing plenty of water for the stock, and with ten acres of timber along the creek. It is an ideal farm home in sunny Kansas.

If Sold Soon I Will Take \$40.00 Per Acre.

If you want a home free from the rigidity of Northern winters, and in the unmatched climate of Southern Kansas, write me, or come to Vernon, and I will meet you and take you to the farm. No trades considered.

J. E. Seaton - Vernon, Kan.

## FARM FOR SALE.

280 ACRES of the best land in Macon Co., with two sets of improvements. One new cottage just completed with five rooms, has never been occupied. Fine barn just completed, besides two old barns and an old house, all in good repair, and everything in first class condition. Situated seven miles from the county seat and one mile from Exello, Mo., which is on the Wabash Railroad, and a good prosperous little town with good schools, churches and stores. There is also a district school just a quarter of a mile from the house. Price \$65 per acre. Will be sold on easy terms. This land is worth \$75 per acre but party owning wishes to sell and get out of the farming business on account of other business interests. For further particulars address,

HARRY M. RUBEY, - MACON, MO.

## I WILL HELP YOU TO MAKE MONEY

I WILL teach you the Real Estate, Abstract, Loan, Insurance and general Brokerage Business by mail, and assist you to establish a prosperous business of your own or secure you a paying position. Our graduates make \$3,000 to \$5,000 annually. The real estate business has assisted many without capital to become independent for life. Write me today.

JAS. T. LARKIN, PRESIDENT,  
Kansas City School of Real Estate, Nelson Bldg., Kansas City, Mo.

## IOWA - THE GREATEST CORN STATE.

IOWA beats all other states, Illinois included, in corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, also some to exchange. Send for it early.

Northern Iowa Land Co., - Independence, Iowa.

## Three Kansas Bargains in Land

S. E. quarter 1-4 of 28 and E. 1-2 of 26, township 6, range 27, 160 acres in cultivation, all level, good soil, no waste, \$11 per acre, one-half cash. In Sherman County. N. W. 1-4 of 16, town 9, range 25, Graham County, all good level, and all in wheat. Price \$3,200, \$800 cash balance three equal annual payments at 6 per cent. S. W. 1-4 of 29, 23, 16, Woodson County, Kan. Fine improvements, 50 acres in crop, 40 acres in meadow, balance pasture, all first-class land. Price \$35 per acre, one-half cash, no trade. L. C. Boles, Birmingham, Iowa.

**FOR SALE OR EXCHANGE:** 240 acre east-ern Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

**FOR SALE, RENT OR EXCHANGE:** Good improved grain and stock farm of 740 acres in Chantauqua county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**WASHINGTON FARMS.** FARMERS, send for our special bulletin of Fruit Farms, irrigated and planted, \$3.25 an acre, 2c stamp brings it. Calhoun, Denny and Ewing, Inc., Alaska Building, Seattle, Wash., U. S. A.

When writing to advertisers please mention this paper.

## Canada Wheat Land

is the best investment on the Continent to-day, and not liable to the manipulation of the stock markets. Buy of the company that builds and develops—judge us by what we have done.

## Last Mountain Valley Lands SASKATCHEWAN

Reports to the Government of the wheat crop for this district for 1906 show an average of 26½ bushels per acre. The wonderful development of the section has brought forth the competition of three railway systems. Furthermore, these are not the only points of excellence of this fertile land. After the day's work is done you may take advantage of a boat ride on the "shimmering waters of Last Mountain Lake."

Send 15c for Photographic Souvenir and 20th Century Atlas of Canada. Maps, descriptive matter, on request.

## Wm. Pearson Co. Ltd.

307 Northern Bank Building  
Winnipeg, Canada.

## California Alfalfa and Sugar Beet Land.

LEVEL, fertile, alluvial land all under irrigation, in prosperous Butte County, adjoining the thriving city of Biggs, \$65 to \$110 per acre, very easy terms. Five to six crops of alfalfa every season. Irrigation water, \$1.00 per acre a year. Close to schools and churches, two railroads, good roads, electric lights, etc. Not a wilderness but in the heart of a desirable community. Sugar beets on this land will pay big profits. Suitable also for peaches, grapes, figs, English Walnuts and oranges. Farmers from the middle West settling this land rapidly. Now is the time to buy. Values are advancing. For a home or for profit, you cannot better it. Write for free booklet. Butte County Irrigated Land Co., Dept. 6, 1109 Post St., San Francisco, California.

## TAKE A TRIP TO SHREVEPORT

Next Excursion May 21st. YOU can buy good farm lands at \$5 to \$15 per acre. They will rent for \$3 to \$10 per acre yearly. Where can you beat this? Good schools, good churches, good climate and good water. Write today for free literature, booklet and folder telling all about this wonderful country.

E. N. BROWN, President,  
Kansas City Southern Land and Immigration Co.,  
652-654 Beals Bldg., Kansas City, Mo.

## NORTH DAKOTA FARM AT A BARGAIN.

SEC. 28-158-62, Ramsey Co., N. D., Devile Lake, County Seat, 1 mile from R. R. station of Derrick; surrounded on 3 sides by improved farms; 8 near neighbors. Gently rolling wild prairie. Price \$20 per acre. Terms: \$8,960 cash, purchaser assume State contracts \$3,840, payable 3 installments of \$1,280 each; Jan. 1, 1912-17 & 22 @ 6%. Add., H. F. Wells, owner, Estherville, Ia.

## VIRGINIA Welcomes the Northern HOMESSEEKER

No other State offers such opportunities. The climate is mild and healthy, the soil is rich and a little money will purchase a fine place with good buildings and every convenience. Write us. We will answer all questions. You'll wonder why you never investigated us before. C. M. BERGH'S SONS & GADE, Richmond, Va. 1459 Main St.

## THE BEST DEAL YET

offered the actual HOMESSEEKER is that of The Duluth & Iron Range R. R. Co., in its Meadowslands district of St. Louis County, Minn. Good land at reasonable prices and on 16 years' time. Write for full information to Land Commissioner D. & I. R. R., 525 Wolfin Bldg., Duluth, Minn.

## 100,000 ACRES

OF Golden Valley Lands. The choicest location in the west for farming stock raising and dairying. In North Dakota. Write me for information. JONAS BERGH LAND CO. 504 Eddy Street. Eau Claire, Wisconsin.

CHEAP Irrigated Lands—Sunny Sun Luis Valley. Pans, flowing artesian water; no cholera, high markets; makes hog industry most profitable. Write C. B. West, Alamosa, Colo., for free booklet.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.



Dates Claimed for Live Stock Sales.

**ABERDEEN ANGUS.**  
May 23, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa.  
L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill.  
M. A. Judy, Mgr.  
June 18, H. A. Coie, at Des Moines, Iowa.  
June 25-26-27, L. H. Kerrick Est., Bloomington, Ill., W. C. McGavock, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

**SHORT-HORNS.**  
May 22, R. H. Hadley, New Providence, Ia.  
May 22, Carpenter & Ross, Mansfield, Ohio.  
May 23, Forbes-Prather-Ayers-Hanna, at Chicago, Ill., W. C. McGavock, Mgr.  
May 24, J. W. Palmer & Son, Abblon, Ind.  
May 27, Combination Sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
May 28, Henry Kuper, Humboldt, Neb.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 11-12, F. O. Lowden, at Chicago, Ill.  
June 13, Thomas, Jameson & Mitchell, Allen, Kan., at Kansas City, Mo.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 9, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

**HEREFORDS.**  
May 15, Mrs. C. S. Cross, Emporia, Kan.  
May 22-23, W. N. Rogers, McCook, Neb.  
June 18, Hood & Baker, Dunlap, Iowa.

**POLAND CHINAS.**  
Oct. 10, W. D. Fulton, Villisca, Iowa.  
Oct. 15, John Blain, Pawnee City, Neb.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.

**POLLED DURHAMS.**  
Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

**RED POLLS.**  
June 12, W. H. Lake, Hampton, Neb., H. F. Stubbs, Bradshaw, Neb., at Lake farm.

**DUROCS.**  
Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 9, Frank Butterfield, Polk City, Iowa.  
Oct. 10, Lein Bros., Story City, Iowa.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Oct. 25, Risser Bros., Sanborn, Iowa.  
Oct. 26th, J. A. Russell & Son, Corning, Iowa.  
Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
Nov. 6, O. L. Mossman, Polk City, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
Feb. 3, Robt. Schaal, Polk City, Iowa.  
Feb. 4, Frank Butterfield, Polk City, Iowa.  
Feb. 13, Lein Bros., Story City, Iowa.  
Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
Feb. 21, Fred Frazier, Ankeny, Iowa.

**O. I. C. SWINE.**  
Oct. 10, J. S. Kennedy, Blackton, Iowa.  
**POLAND CHINAS AND DUROC JERSEYS.**  
Oct. 19, E. A. Olive, Scranton, Iowa.

FIELD NOTES.

Galloway bulls are offered for sale by W. W. Scholes, Onawa, Iowa.  
Chester White gilts are offered for sale by S. J. Philson, Harlan, Iowa.  
Chandler Bros., Chariton, Iowa, have some good imported and home-bred Shropshire rams and ewes for sale.  
Some very fine Shropshire rams are offered for sale by Geo. Allen, Lexington, Neb. He also offers a splendid bunch of ewes for sale.  
N. A. Lind, Rolfe, Iowa, is offering a few good young Scotch bulls for sale sired by Imp. Fancy's Pride, the bull that sired so much of his show cattle.  
Anyone wanting a car load of Hereford bulls should write or see A. Spooner, Mondamin, Iowa. He has twenty-five aired by a son of old Beau Donald.  
Sufferers from gallstones should try a Graveline, fifty cents a bottle, offered by the Graveline Medicine Co., St. Marys, Kan. Mention The Homestead when writing.  
Information is worth money, when it is of the kind that is being offered pertaining to Golden Valley lands in North Dakota. The region in which this land is found is a choice farming and stock raising country. Dairying is also very profitable. It is the land which the seeker of moderate priced homes is after. Full information, of a money value, for the asking. Write Jonas Bergh Land Co., Eau Claire, Wis. Mention that the advertisement was found in The Homestead. See page 15.



A low wagon at a low price. Handy for the farmer. Will carry a load anywhere a horse can travel.

## Low Down Wagons

soon earn their cost on any farm.

## Steel Wheels

for farm wagons. Straight or staggered spokes. Any size wanted, any width of tire. Hubs to fit any axle. For catalogue and prices, write to Empire Mfg. Co., Box 103 H Quincy, Ill.

Claire, Wis. Mention that the advertisement was found in The Homestead. See page 15.

J. P. Spearman, Papillion, Neb., the coming young live stock auctioneer of the West, is now booking dates for fall and spring sales. Write him if you need a good auctioneer.

A few good fall Duroc Jersey boars, sired by Red Knight Again, a son of the Nebraska State Fair sweepstakes boar, Red Knight, are offered for sale by August Voge, Portsmouth, Iowa.

Red Polled bulls, the farmers' breed, also thirty head of horses and mules, all young and valuable stock, are for sale by Mr. W. H. Hazlet, Leon, Iowa. Mention this paper when you write.

Fruit farms in the finest parts of the state of Washington, are advertised on page 15, by Calhoun, Denny & Ewing, Inc., Alaska Bldg., Seattle, Wash. A two cent stamp brings the booklet.

Marshall Favorite, a good yearling Scotch bull, sired by Imp. Fashion Favorite and out of Imp. Jilted Maid, is offered for sale by J. D. McDermott, Wiota, Iowa. This bull he is offering at a very reasonable price, considering how he is bred.

Two well-bred Duroc Jersey boars, namely, King Top Notcher and Crimson I Am, both prize winners at the Iowa state fair, are offered for sale by H. H. Sexsmith, of Greenfield, Iowa. Mention this paper when making inquiry regarding these.

We wish to call the attention of our readers to the binder twine advertisement of Hon. August Post, of Moulton, Iowa, which appears on page 10. Mr. Post has been handling binder twine for the last nineteen years and we can highly recommend him and his methods of conducting business.

A right good young Victoria bull is offered for sale by Ernest Funke, Greenfield, Iowa. He also offers a nicely bred Acanthus bull for sale and a few younger Scotch bulls. Mr. Funke is one of the oldest and one of the best Short-horn breeders in southern Iowa. He is pricing these bulls within the reach of anyone who wants a good bull.

Three Kansas farms in Sherman, Graham and Woodson counties, are offered for sale on page 15. These farms are all tillable and good crop producers. Improvements vary from good to first class and at the prices named they should be attractive to farmers or investors. Write to Mr. L. G. Boies, of Birmingham, Iowa, saying you saw the advertisement in The Homestead.

"My March and April litters are large and lusty," writes Mr. J. T. Scarff, of Salem, Iowa, breeder of O. I. C. White hogs "and orders for fall delivery will be filled with only high grade stock. Homestead readers have bought me clean out of mature stuff and the good bone and easy keeping qualities of my herd have been very pleasing to customers." Mention The Homestead when you order.

Black Norman stallions are wanted by Mr. E. B. Thompson, Cumberland, Iowa. Anyone having good grade draft stallions and mares from one to five years old should write to this advertiser at once. A limited number of good ones will no doubt be taken by Mr. Thompson and those having anything to suit his needs should write at once, stating and describing such property and kindly mention The Homestead when so doing.

S. H. Thompson's Sons, of Iowa City, Iowa, have good Scotch Short-horn bulls to sell. Announcement is made on page 21 by S. H. Thompson's Sons, of Iowa City, Iowa, that they have some twelve, mostly Cruickshank families, such as Mysie, Victoria, (both Imp. Victoria 51st and 73d descendants.) Miss Ramsden, Princess Royal, Lavender, Violet, Flora and Beauty. These bulls range from fourteen to twenty-two months old.

Messrs. Blackman & Nelson, of Albert Lea, Minn., breeders of milking Short-horn cattle, have a bull advertisement elsewhere, which persons looking for Short-horn bulls from milking strains will do well to look up. These breeders milk all their cows, hand raise the calves, test for tuberculosis, alter inferior stock and fully guarantee all they sell or ship. Write them and refer to The Homestead in your inquiry. See page 19.

With eighty fine spring March and April Chester White pigs, Mr. B. M. Boyer, Farmington, Iowa, should be able to take good care of his customers the coming season. Orders are now being booked to be shipped when pigs are about three months old. This stock may be bought in pairs or trios and not related. Part are sired by Mapleleaf King 13069, by Combination, the many times state fair prize winner. Other sires of merit also. Mention The Homestead when you order. See page 18.

Messrs. E. L. Nagle & Son, Deep River, Iowa, writes that they have two September Chester White boars for sale, sired by Pioneer 9515 and Neponset Henry 15607 respectively. These are well shaped fellows and their breeding should satisfy the best herds. Both have prize winners in their pedigree. The spring pigs are coming along well and promise to make as fine a bunch as they have ever had. Write them for mature stock or have your order booked for young stuff. Mention The Homestead.

A representative of The Homestead recently called on O. N. Remington, Tekamah, Neb., one of the oldest Poland China breeders in the West. This old veteran was one of the pioneers who purchased his original stock from the McGee & Moore herds of Ohio, and since that time he has never wavered in his faith in the Poland China hog. Mr. Remington has been one of the good breeders in the West, and he has also been one of the good buyers when he secured foundation stock. For these many years he has had at the head of his herd old Tecumseh Ideal, one of the best diving sons of Chief Tecumseh 3d. To assist him he has Chief of All, a boar of wonderful size and bone; also Golden Rule, Missouri's Big Perfection, and Graceful Perfection. His present crop of pigs are mostly aired by Chief of All and Graceful Perfection. He has always endeavored to breed size, and has two sows, Lady Wonder 6th and Orange Blossom, that will weigh about 900 pounds.

# Why Suffer With Catarrh



When you have such absolute proof of our ability to cure this disease of the Throat, Nose, Bronchial Tubes, Stomach, Bowels, and Liver, as the cured patients that gratefully testify in their own cases. We have so much faith in our own powers that we offer a full month's treatment **Free of Charge**

Sloux City, Ia., March 20, 1907.  
I have been using your treatment for catarrh for two months and I feel today as if I did not need any more treatment. I have gained considerable in flesh, weighing twenty pounds more than last fall. I have a very good appetite, sleep well, and can do my every day work with ease. I shall be glad to recommend your treatment to any one who is troubled with catarrh. With my best wishes, I remain, yours truly,  
ALBERT MOS.

Sharpsburg, Iowa, Dec., 4, 1906.  
I write you that I am feeling well and I don't need any more medicine. Your medicine has benefited me and I believe effected a permanent cure. I will recommend your treatment to others who have catarrh. Thanking you for your kindness, I remain,  
Yours truly,  
WILLIAM BECKETT.

**SEND THE COUPON OR COME TO MY OFFICE.**

**FREE TREATMENT COUPON.**

DR. T. F. WILLIAMS,  
403 Flynn Bldg., Des Moines, Iowa.

Please send me Free Symptom Blanks with a view to my taking your free month's treatment.

NAME .....

ADDRESS .....

Then he has some of the most fancy bred sows, and all in all, has one of the best herds in the state. His present crop of pigs numbers about seventy-five or eighty head, with a few more sows to farrow. He expects to have something very attractive for the boys this fall.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., write that they have had a very mild winter and their herd of Short-horns have come through in fine shape. At present, the herd consists of 150 head and contains many which these breeders think compare with the best. About one-third of the individuals are of good Scotch breeding and anyone interested in good Short-horns, either male or female, should write or visit these breeders. As a leader they are offering five first-class Cruickshank bulls that are suitable to head well-bred herds. When writing mention this paper.

Mr. W. R. Hainline, of Blandinsville, Ill., proprietor of the Blandinsville herd of Duroc Jerseys, writes as follows in regard to his herd: "The two sows that I bought at Messrs. M. W. Greer & Son's sale at Bushnell, Ill., last fall have litters of eleven and twelve pigs, and are doing fine. The litters are sired by Double Track II, and will please anyone. I have seventy-five pigs and six sows to farrow. I intend to hold two sales a year and am sure that I will have the hogs that will please the breeders." Homestead readers in the market for good Durocs will do well to correspond with Mr. Hainline, as he will be pleased to furnish prices and descriptions.

Austin Renshaw, Blair, Neb., reports 125 spring pigs so far this season and they are doing fine. They are sired by Long Alix, a litter brother to the \$2,000 sow Alix II, also by his old show winner Arlon and Redwood Chief, a son of Ohio Chief. He has a good sow by Long Alix that he may show the boys this year. Long Alix was also the sire of the \$250 gilt that topped his last sale and went to Geo. I. Clark, St. Edwards, Neb. He has one litter by him and out of a Crimson Wonder sow. Mr. Renshaw has three sows for sale that will farrow in July and he will book orders for sows bred to farrow this fall. If any of our readers are wanting bred sows it will pay them to write Mr. Renshaw.

Mr. C. F. Kirk, Ponca, Neb., is one of the best known Duroc Jersey breeders today in northeast Nebraska. His purchase of the great sow, Ruberta, at \$1,500 brought him into the lime light, but before this he always was a buyer of high class stuff. Readers of The Homestead will be interested in knowing that Ruberta has saved six pigs, five sows and one boar, and it is an excellent litter. They are doing fine, and there is every reason to think that she will be a good investment. This litter is by Junior Jim, and therefore should be in good demand by breeders. He has about eighty-five spring pigs, and they are sired by Junior Jim, Kan't Be Beat, Mo. Gold Finch and a son of Ohio Chief, Masterpiece. He has three litters by Kan't Be Beat. One of these litters and a particularly good one is out of a Cole's Duroc sow, another is out of a Red Knight sow. He has several good litters by a son of Ohio Chief that he purchased at the Harding sale

last fall. Bertie Advance, by Proud Advance has a good litter of ten pigs by Junior Jim, and Rose Advance, another daughter of Proud Advance has a litter of nine by Mo. Gold Finch. He has a litter by the Ohio Chief boar out of an Orion sow, and all in all he has a variety of breeding that should appeal to the best breeders. He will have some choice boars for sale this fall, and will also hold a brood sow sale next spring, at which time he will put up an offering that should be very attractive to all the best breeders. Just now he is offering two fall and one spring Ohio Chief boar for sale.

Mr. T. A. Gossard, of Ponca, Neb., is one of the well known Duroc Jersey breeders in northeast Nebraska who has been in the business for a number of years. This spring he has about eighty spring pigs sired by Mo. Gold Finch, Oom Paul Jr., Ohio Chief 2d, Earl (a son of the Nebraska State Fair winner, Crimson Critic), and Perfect Wonder, a son of Brighton Wonder. He has two Proud Advance sows, one with a litter by Ohio Chief 2d, and the other is about due to farrow to the same boar. Ohio Chief 2d is the boar that now heads the Sheldon Bros. herd at Shannon City, and has the reputation of being an excellent breeding boar. His Mo. Gold Finch litter is out of a Reed's Banker sow. He has seven litters by Perfect Wonder, a son of Brighton Wonder, and out of a daughter of old Pericles. This boar formerly headed his herd. He has a nice bunch of pigs and he will have some good things for the fall and spring trade.

**SHORT-HORN BULLS FOR SALE.**  
Anyone wanting a good growthy, well bred Short-horn bull should write or see A. B. Clark, Wayne, Neb. He has a number of good ones now on hand, ready to do good active service, and he is pricing them right. He could fill a car load order, should anyone need that many. Write him about these at once or go and see them.

**CHOICE HEREFORD BULLS FOR SALE.**  
Messrs. G. W. Way & Son, of New Sharon, Iowa, are offering for sale on page 23 some very fine Hereford bulls for sale, sired by Beau Brummel 4th. There is only a few of these fellows, and the fortunate man will get there early and make selection. Messrs. Way & Son have added some more valuable females to their herd, rich in the blood of Lampfighter and Beau Brummel.

**SOME HIGH CLASS ANGUS BULLS FOR SALE.**  
A well bred twenty-two-months Erica bull, sired by Imp. Edward R. is offered for sale by W. H. Jones, Quimby, Iowa. He also has a young Pride and a choicely bred Blackbird bull for sale, and he is offering these at prices that cannot be duplicated elsewhere. It will pay anyone that wants an Aberdeen-Angus bull to go and see these.

**TEXAS LAND VALUES GO UP.**  
Land values in the best part of Texas are getting higher every day, from reports of land men interested in these southern lands. The vast number of people who have taken up farm homes in the state of Texas have done so because of the many advantages the country offers. It is favored with a mild climate, railroads are frequent, the best class of people are moving in and crops can be grown every month in the year. The land which this article makes mention of is situated near Houston, a large and industrious city. Now this land can be purchased direct of the Pickert-Hammond Land Co., Houston,

# DON'T BUY GASOLINE ENGINES

UNTIL YOU INVESTIGATE "THE MASTER WORKMAN," a two-cylinder gasoline, kerosene or alcohol engine, superior to any one-cylinder engine; revolutionizing power. Its weight and bulk are half that of single cylinder engines, with greater durability. Costs less to buy—less to run. Quickly, easily started. Vibration practically overcome. Cheaply mounted on any wagon. It is a combination portable, stationary or traction engine. SEND FOR CATALOGUE. THE TEMPLE PUMP CO., Mrs. Meagher and 15th Sts., Chicago. THIS IS OUR FIFTY-THIRD YEAR.



Texas. Their northwest branch office is in the Lumber Exchange, Minneapolis, Minn. Write for their booklets and special inducements, mentioning The Homestead. See page 15.

#### WOOL, PELTS, FEATHERS IN DEMAND.

Holders of wool, pelts, goatskins, feathers and roots, should send for price list of these articles to Messrs. M. Summerfield & Co., 214 N. Main St., St. Louis, Mo. This firm has been in business of this nature for thirty-six years and should certainly be prepared to handle shipments of any of the above products in any amount. Write them and they will send you price list, sacks and tags as you request. Mention The Homestead in your letter. See this page.

#### IS FARM HELP WORTH THE COST TODAY?

The farm labor question is intelligently treated and certain aspects of it solved in an attractive and expensively gotten up forty-eight page, illustrated book, published by the American Fork & Hoe Co., Cleveland, Ohio. We urge every reader to procure a copy before the present limited edition is exhausted. Write for it at once, after reading advertisement on page 8. Please mention The Homestead.

#### G. P. TYRELL & SON, OF OXFORD JUNCTION, IOWA, WANT TO SELL SHORT-HORN CATTLE.

On another page will be found the announcement of Messrs. Tyrell & Son, who are desirous of selling at once ten splendid Short-horn yearling bulls. Anyone that has ever seen old Sittytton Sort, that marvel of beef carcass, that sired these ten bulls offered for sale, can perhaps realize that the young bull offering is of this same low down thick-fleshed type. Sittytton Sort comes by his thick-fleshed qualities by inheritance, and for this reason he is able to transmit this very desirable quality to his offspring. This firm are desirous of letting these ten bulls go at farmers' prices if taken at once. The reason is that they have determined to make a public sale of Short-horns October 2d, and these bulls will be too old by that time, as they are now ready for service. This paper

takes pleasure in recommending this firm as reliable and with whom it will be a satisfaction to do business.

#### THREE OHIO CHIEF BOARS ARE OFFERED FOR SALE BY C. F. KIRK, OF PONCA, NEB.

Mr. Lee Sencenbaugh, Ponca, Neb., has a nice crop of about sixty Duroc Jersey pigs, which he is growing out for his fall trade. He is one of the well known stockmen in that section of the state, and always raises some registered pigs along with his cattle feeding operations. He has a 360 acre farm on the edge of town where he can care for them at the least possible cost.

#### THE DRESSING OF WOUNDS

is often necessary in any household without the aid of a skilled practitioner. Immediate attention should be given any wound or bruise of the skin, as delay allows inflammation and pain to start. A valuable remedy and healing antiseptic in cases of emergency is Oleo Curine, which is guaranteed under the pure food and drugs law. Agents are wanted in every rural community. Address, The Oleo Remedy Co., 132 E. 23d St., New York, N. Y., for booklet as advertised on page 4.

#### KATER & SMITH OFFER HIGH-CLASS HEREFORDS.

Messrs. Kater & Smith, of Grant City, Mo., are offering a car load of Hereford bulls that should attract the range man who is wanting an absolutely high-class lot of bulls that are in the best possible condition. There are among these a number of bulls that are fit to head herds, they being exceptionally well bred and right individually. See page 23 for advertisement and do not hesitate to get in touch with this firm if wanting a herd bull or a car load.

#### THE MISSOURI AUCTION SCHOOL.

Mr. W. B. Carpenter, president of the Missouri Auction School, Trenton, Mo., announces on page 21 that the summer term of school will open August 5, 1907. The catalogs telling of the school, the methods of instruction and the terms will be ready for distribution in about two weeks. Already auctioneers that have graduated from the Missouri Auction School are selling in ten different states. Many fine testimonial letters from these have been received by Col. Carpenter and will be reproduced in the new catalog. See page 21 for advertisement and write today, asking that a catalog be mailed you as soon as off the press.

#### CANCER CURED.

A Kansas City physician has a mild combination treatment for cancer which is used by the patient at home. He has had years of success and has hundreds of testimonials. The treatment is endorsed by physicians, ministers, etc. The local application destroys cancerous growth, and the constitutional treatment eliminates the disease from the system, preventing its return. Write for free book "Cancer and Its Cure." No matter how serious your case, no matter how many operations you have had, no matter what treatment you have tried, do not give up hope, but write at once, Dr. O. A. Johnson, 1233 Grand Ave., Suite 371, Kansas City, Mo.

#### CURE FOR APPENDICITIS.

Within the last few months leading druggists over the country have been supplied with a medical preparation for the cure of appendicitis, and other afflictions of the lining membranes of the alimentary canal, the lungs and other organs disposed to peculiar diseases. Appen-D-Form is the name of this new remedy and it is sold under a guarantee that authorizes the person from whom it was purchased to return the money paid for the remedy should it fail to relieve or cure any case of appendicitis, blood poison, peritonitis, pneumonia and ovarian troubles. Directions and full instructions accompany each package. Should Appen-D-Form not be kept by your dealer write to the Appen-D-Form Co., Elkhart, Ind., 501½ N. Main St.

#### WHEN HAY-MAKING TIME COMES

there will be no time to study the hay-making implements on the market. The time to plan for gathering the hay crop is right now. It is a case where one should never put off a duty for the morrow that can be done today. The way to properly study the hay-making question is to secure a good catalog like the Sandwich Mfg. Co. send to those who ask for it. This catalog tells all about the many new features which have been added to the hay-making machines this year. The hay loader, a machine which offers great opportunity for improvement, is found much perfected in this year's model. It is guaranteed to work under any conditions that a hay loader can. The tedder, another very important implement for the hay-maker, has been improved by the Sandwich people and its merit should be investigated. Right now is the time to send for the catalog and post up on these two essential hay-making implements. Address your request to the Sandwich Mfg. Co., 143 Main St., Sandwich, Ill. See page 6 for the advertisement.

#### THE TEEL SHORT-HORN SALE.

Fifty head of Scotch and Scotch topped Short-horns have been listed by Mr. Walter Teel, of Rushville, Ill., for his forthcoming sale which will be held at the breeding farm on Friday, May 31. This consignment comes from one of the oldest and best herds of Short-horns in the central West. It was founded by the late Jas. A. Teel, father of the present owner, in 1860. The best blood of the day was selected for the foundation and the individuality was in keeping with the breeding. Mr. Walter Teel has followed closely along the lines which enabled his father to so successfully build up one of the most useful herds of the breed. At the head of his herd he has been using Cherry Grove Banff 3d 231859, one of the best sons of the celebrated Lori Banff, now at the head of the well known herd of Mr. Milton E. Jones. This bull follows such noted bulls as Imp. British Prince, a richly bred Cruickshank bull, and Marmion, another Cruickshank bull of unusual merit. Both of these bulls were used in the herd with much success. The females are mostly sired by these two bulls and either have calves at foot by Cherry Grove Banff 3d or British Prince 5th, a good son of Imp. British Prince. All females of breeding age have calves at foot or are safe in calf. They represent the Orange Blossom, Umatilla, Michigan Casket and young Mary tribes and

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What do you expect of a hammer—a rightly formed handle that can't work loose or come off—a face you cannot batter—the true hang and balance for straight driving? Then you must get a hammer on which this name appears.

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A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, etc.

This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

DRS. FELLOWS & FELLOWS CO.,  
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#### CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 276 to 306-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

CHANDLER BROS., - Chariton, Iowa

#### More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free.

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#### Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 16 young Scotch bulls from 10 to 16 months old.

GEORGE ALLEN, - Lexington, Neb.

#### GOATS.

#### 2,000 HIGH GRADE ANGORA WETHERS.

One and Two Years Old. These goats can be used for brushing and then fed and sold for mutton. Come and see me or write.

Address WYATT CARR, - Iowa

Farm 2-4 mi. from depot. Phone 44



are a good useful lot. Mr. U. G. Teel, of Rushville, Ill., consigns six head to this sale. Further particulars in regard to this offering will appear in our next issue. Write for catalog, kindly mentioning The Homestead.

#### 1907 GALLOWAY PREMIUMS.

Secretary Chas. Gray, of the Galloway Breeders' Association has recently published a list of premiums offered for breeding and fat Galloway cattle at the state, interstate and international fairs to be held this fall. The first one will be the Interstate Live Stock and Horse Show, to be held at St. Joseph, Mo., September 23 to 28; the next will be the American Royal from October 14 to 19; the International from November 30 to December 7, and the Western Stock Show to be held in Denver, from January 20 to 25, next. All persons interested in Galloway cattle would find the classifications made by Secretary Gray interesting, and we suggest that application be made for same to Chas. Gray, 17 Exchange Ave., Chicago, Ill.

#### FINE KANSAS FARM BARGAIN.

Elsewhere in this issue will be found a description of a 280 acre Kansas grain and stock farm, located in the oil and gas belt and near Yates Center, the county seat of Woodson county. This place is within one mile of a railroad station, which is about 120 miles southwest from Kansas City, thus affording direct transportation to that great market point. The improvements consist of a commodious house, good barn for horses and other stock and granaries and other out buildings. There is a nice orchard and a woodland pasture with a never-failing stream of good water. This is a home in an ideal climate and will be sold by the owner on very reasonable terms. Write to Mr. J. E. Seaton, Vernon, Kan., mentioning this paper. See page 15.

#### NORTH DAKOTA FARM AT A BARGAIN.

Mr. H. F. Wells, of Estherville, Iowa, is offering for sale, on page 15 of this issue of The Homestead, a section of North Dakota land. It is located in Ramsey county, of which Devil's Lake is the county seat. It is one mile from Derrick, a thriving little railway town. The land is uncultivated at present, but 90 per cent of it is suitable for cultivation. It is gently rolling prairie land. Mr. Wells is not offering this land for sale because he has not the confidence in this country, but because he has need for the funds in his business. His price is \$20 per acre, \$3,960 down, and \$1,280 payable in 1912, 1917 and 1922 to the state, which holds the contracts. This land is a bargain. Mr. Wells would be glad to have you look the land over before buying. The number of the section is given in his advertisement. Look this up and write Mr. Wells if you are interested in such an investment.

#### HIGH CLASS POLAND CHINA MEDDLER BOARS AT BARGAIN PRICES.

Mr. H. J. Hemmerling, of Dike, Grundy county, Iowa, is offering for sale on page 18 some of the most fashionable Poland China blood known to the breed. He has eleven fall boars for sale, sired by the great boar, Meddler, and out of such sows as daughters of Chief Perfection 2d, Perfect Darkness 2d, Ohio Perfection and Impudence, out of Perfection E. L. dam. Breeding unequaled from present day reckoning's and at staggering low prices for this line of breeding. There is probably no herd in Iowa that has as much of the prominent prize winning blood as has Mr. H. J. Hemmerling's herd. His herd boar E. L.'s Pride 116889, is a marvel of smoothness, yet is a hog of exceeding size and choicest conformation. His bone is extra heavy and of the finest texture and quality as is evidenced by the manner in which he carries his great body, remaining on his toes like a pig. His fine, arched crest can be likened unto a Morgan stallion. His immense heart girth, crest, and short stubby feet, doubtless come through his dam, who was a great granddaughter of old Black

U. S. 13471. The strongest bog of his generation in the above points. Mr. Hemmerling has spring pigs out of Lady Alert, Spurling's Choice, sbe by Mischief Maker, Iowa Queen by Chief Perfection 2d and Lady Darkness by Chief Perfection 2; in fact his strain of brood sows runs as follows; seven sows by Chief Perfection 2d, eight by Meddler, two by Prince Alert, two by Perfect E. L., and others by L. & W.'s Perfection, G.'s Perfection, etc. The Homestead congratulates Iowa on having such a Poland China breeder in the state.

#### GOOD SCOTCH SHORT-HORN BULLS FOR SALE BY COOKSON BROS., AT WEST BRANCH, IOWA.

The Cookson Brothers, of West Branch, Iowa, have now ready some six very choice Scotch bulls for sale. These bulls range from fourteen to twenty months of age. All are sired by Young Commodore, generally conceded to be the best Scotch bull in Iowa, and by odds the best bull ever owned by this firm of breeders. One of the bulls is of the Beauty family, one is of the Bruce Heatherwick Mayflower tribe. One is an Orange Blossom and is one of the best ones. One is out of a half sister to Young Commodore and is certainly a fine prospect for a herd bull. This firm have sent out some very choice herd bulls, but they never had a choicer lot to pick from than at the present time. All of the bulls offered are reds, and all are past the doubtful ages of development. Their announcement appears on page 20.

#### AN AID TO THE HOG RAISER.

Many days can be saved in a year to the farmer who installs a number of reliable hog waterers in places where his hogs will have easy access to them. Furthermore, in this way of getting water to the hogs there is always a supply ready for the animal. On page 4 we show a cut of the Hawkeye Automatic Hog Waterer. This waterer has been in use for a sufficient length of time to fully demonstrate its merits, and those who have used it are well satisfied. The valuable feature in this make of waterer is the valve which is formed by a non-corrosive metal ball which rests on an expansive rubber seal, making leakage impossible. The valve is guaranteed to work perfectly for five years, and this is certainly an indication of the great faith which the manufacturers have in their waterer. Thousands of these have been sold the past season and not a single one returned. Full particulars regarding this waterer may be secured by writing to the Parsons Hawkeye Mfg. Co., Newton, Iowa, and mentioning this paper.

#### PRIZE WINNING CHESTER WHITES.

The best all around Chester White boar ever inspected by The Homestead's oldest representative is owned by that young, enthusiastic breeder at Dike, Grundy county, Iowa, M. W. F. Hemmerling. We refer to Modeler 13235. This phenomenal ladies' favorite, (as ex-Senator Vail styles the Chester White), was farrowed September 5, 1905, and weighed 500 pounds at twelve months of age. He has a show record never before equaled by any boar of his age and breed, as will be seen by the following list: First in class at the following state fairs: Iowa, Minnesota, Wisconsin, Kentucky and Illinois, breeders' champion at the great Iowa state fair, headed young herds that won first at all of these fairs and several specials to his credit. This exceptional boar was bred by Mr. F. D. Humbert, of Nashua, Iowa. Unquestionably Modeler was the widest, deepest and generally best developed bams of any Chester White boar ever seen in Western show yards. He stands on feet and legs that are beyond criticism. His sire was Nashua Boy 12563, while his dam Mae 17568 was bred by that veteran breeder M. E. Newburn, who was the greatest showman of Chester Whites in this country for many years. Mr. Hemmerling will have a few fall litters by the world's most prominent sire, Old Combination. At this date Mr. Hemmerling would



like to sell sixteen good fall farrowed boars, now eight months old, and twenty-three sons, litter sisters to these fall boars. These are all by W. F.'s Model, a 700 pound boar. Some of the gilts will be bred to Modeler and offered for sale later. It would not be a bad idea for anyone desiring something choice bred to the greatest Chester White boar living to book orders early. The seventy-five spring pigs are demanding space and attention, hence attractive prices are made on this fall stock. See announcement on page 22.

#### DISPERSION OF THE FAIR ACRES HEREFORDS.

It has often been said (and we think truthfully) that women inspire men to perform and to carry to greater ends in their life work, any profession or labors they may have seen fit to engage in and it is to be regretted that on May 15 the Hereford world is to lose from its ranks one who has by her individual efforts and from a nucleus of ten cows grown a herd of over seventy head. That is such a herd as should inspire the efforts of all breeders. The herd referred to is the Fair Acres herd owned and personally managed by Mrs. C. S. Cross, of Emporia, Kan. Mrs. Cross has done her part and as she says in the announcement in the catalog of her dispersion sale, she parts with the herd simply because the work connected with the management of a herd of this size is more than she can attend to and that it is with regret that she severs her connections with the "white faces." Those who have the interest of the breed at heart should pay a lasting tribute to Mrs. Cross, as by so doing they can add to their herds stock that is good and descends for generations from stock that has helped to put the Hereford to its present high state of perfection. The catalog shows seventy-one lots with the blood of such sires as Albion, Lord Saxon, Java, Keep On, Imp, and Tranquility, a son of Beau Brummel, predominating. A great many cows sell with calves at foot by Major Beau Real, a bull that Mrs. Cross used with much success. A number of his get are listed and they will be found desirable. Three steers by him are cataloged as lots 48, 52 and 62. Lot 62 is a full brother to the grand champion steer shown by Mrs. Cross at the world's fair at St. Louis. These are show prospects ready to be carried on. The yearling and two-year-olds are by Tranquility, a Beau Brummel bull that made a good cross on the Fair Acres cows. The bulls listed will be found high class and choice herd bull material will be found here. Christy, the present herd bull of which so much has been said, is listed as lot 51. He will be found one of the best yearling bulls to pass through a sale ring for some time to come. Bellairs, a September yearling, got by Tranquility and out of a daughter of Java, should please some man hunting a bull with even lines and a good head. Valmond 2d, listed as lot 71, is another September yearling got by Tranquility and out of Dewdrop 3d, one of the imported cows that were got by Albion. He will be found an exceptionally fine hander, well covered over back and with good lines. The great value attached to the produce of Dewdrop 3d should add much to his value as a herd breeder proposition. Lot 65, Monrad, is a February yearling, got by the same sire and out of a daughter of the great Kansas Lad. His full brother, not considered so good, sold for \$275. Monrad is a

low set fellow and an even flesher. Saxon, Beau Real, a yearling son of Major Beau Real, and out of the same cow as Christy, should please some critical buyer. All the bulls are of a pleasing uniformity and a choice lot from which to make selections. The cows are remarkable for their productiveness and on looking through the catalog it will be found that the daughters of Wild Tom, Lord Saxon, Albion and Keep On made a foundation seldom equaled. The original cows are listed with their daughters and grand-daughters following. This will be one of the rare opportunities to see two and three generations. The men wanting cows for breeding purposes can do no better than here, as Mrs. Cross would never tolerate a non-breeder or a poor producer as her herd was one that had to prove a working and a money making herd. Some females of strong show yard form will be found in the offering. The last announcement of the sale will be found on page 22 and we urge all our readers who want choice breeding stock to be with Mrs. Cross at this her first and last sale of her favorite breed, "the White Face."

#### AN IMPORTANT SHORT-HORN DISPERSION SALE.

In order to close a partnership, the Short-horn herd owned by Messrs. J. W. Palmer & Son, of Albion, Ind., will be sold at public auction at the breeding farm on Friday, May 24th. Thirty-five head of richly bred Short-horns have been listed. Of this number Mr. T. E. Adams, of Columbia City, Ind., lists one extra good cow and five yearling bulls of the herd header sort. Messrs. Palmer have been careful buyers. They have bought the best that was offered for sale both in point of breeding and individual merit. For this reason, the offering is practically Scotch and the individuality of the offering is in keeping with the richness of the blood lines. At the head of the herd has been used the Scotch bull, King of Diamonds, and he will do to head any good herd in this country. He was fifth at the International in 1904 in senior yearling class, and is the sire of some of the best calves the writer has seen this year. He has an attractive head and horns, is evenly covered, nicely balanced and stands on short legs. King of Diamonds is out of the same dam as Villages Lad, the bull which Mr. Frank Cotton sold for exportation to South America, and which sold for the highest figure of any bull in the consignment. He is a very sure breeder and will bear the inspection of anyone in search of an extra good herd bull. The attraction of the bull consignment is Choice Master 267262, by Choice Bud 212003 by Imp. Choice Goods. This bull is a beautiful roan and was dropped November 29, 1905. In the hands of some good showman this bull would make his mark this coming fall. He is a show bull in every particular, is deep, wide, with a wonderful spring of rib and has the scale, thickness and smoothness found in strictly show bulls. He has a particularly good head and horn and stands on good short legs. The breeder who is in search of a strictly good herd bull will do well to be present on sale day. Very few bulls possessing the breeding and individual merit as does Choice Master, are offered for sale at public auction, but in dispersion sales breeders have an opportunity to secure at their own prices many animals that under other conditions would not be offered at any price. Many of the cows have calves at foot while others are well along in calf. They represent the most fashionably bred Scotch families and individually are in keeping with their breeding. Get the catalog, study the breeding and plan to be present at Albion on day of sale. This event follows the noted Scotch sale in Chicago of Messrs. Forbes, Prather, Ayres & Hanna and can be easily reached. Albion is 135 miles east of Chicago, on the Baltimore & Ohio railroad. Further particulars regarding this offering will appear in our next issue.

#### THE SOUTH OMAHA SHORT-HORN SALE.

Readers of The Homestead who are wanting Short-horn cattle will be interested in the public sale that will be held at South Omaha, Neb., under the management of Mr. F. P. Healy, on Monday, May 27th. For a number of years past Mr. Healy has been managing Short-horn sales at this point, and let it be said to his credit that he always brings with him an extra good lot of cattle. This is to all intents and purposes a breeders' sale, being consignments from several of the very best herds. The contributors are as follows: W. R. Wilson, Arispe, Iowa; F. C. Holland, Milton Iowa; F. P. Healy, Bedford, Iowa; N. D. Merrill, Creston, Iowa; and J. A. McFarlane, Fairfield, Iowa. There will be forty-nine head in the sale and of these twenty-seven head will be Scotch cattle. There will be twenty-seven head of females and twenty-one head of bulls. Mr. W. R. Wilson, than whom there are few better breeders in the state, will sell sixteen head, and a better draft of cattle has never come from the Wilson herd than will be offered in this sale. He is selling five bulls, three cows, and the rest are heifers, and we will say there are some extra good ones among the bunch. Among his bull offering is his five-year-old herd bull Straight Cruick 191132. This bull has been used with much success in the Wilson herd and he is now selling him because he has so many of his daughter on the farm. He is a son of Violet's Galahad and his dam is a daughter of Valley Champion, and he belongs to the well known Queen of Beauty family. He is strictly a pure Cruickshank bull and he is going to be a bargain for some man that is looking for a herd bull. He will also offer a number of younger bulls in the sale, the most of which are straight Scotch. The most of Mr. Wilson's offering are Scotch cattle, backed up by his forty years of practical knowledge in breeding Short-horn cattle, and it is a consignment that any breeder could well feel proud of. We will have more to say of his cattle individually in future issues. Mr. F. P. Healy is also putting in a splendid offering of ten head. Four of these will be young bulls, five are heifers and there will be one cow with a calf at foot. Among his bull offering is two good young Duchesses of Gloster bulls, both sired by Banner Pride and both out of dams by Scotts King. These are strictly pure Cruickshank bulls are both red in color, and will command attention on sale day. These bulls should go to head good herds, as there is everything to commend them to the breeder who is looking for that kind of a bull. He also includes three good

# PILES NO MONEY TILL CURED.

**FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.**  
**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**

TOO LATE TO CLASSIFY.

## MEDDLER FALL BOARS

### AT BARGAIN PRICES

**OUT of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. MUST BE SOLD to make room for show herd and spring pigs now on hand.**

**H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA**

Mention The Homestead.

## MODELER 13235.

**THE sensational record breaker of 1906, winning five firsts at five of the leading state fairs and breeder's champion at the great Iowa. For sale ten choice gilts, Sept. farrow, bred by W. F.'s Model 12101. Bred to this Peerless Modeler bred for Sept. farrow. Also ten choice fall boars Sept. farrow litter mates to above gilts. Ask for my illustrated catalogue. W. F. Hemmerling Dike, Grundy County, Iowa.**

## DUROC FALL BOARS

**THEY are good ones, got by Perfection Chief 25367, and Choice Goods 43367, a litter brother to W. L. A's Choice Goods. Write me if you want something good at a moderate price.**

**GEO. M. McMURRY,**

**MARYVILLE, MO.**

Secret helpers and one well bred Brawth Bud. He has been particularly careful to select some of the very best things he had in his herd for this sale, and he is certainly contributing some of the good things in this offering. Mr. E. C. Holland is selling ten head, among which are seven head of heifers and two Scotch bulls. One of these bulls is a richly bred Orange Blossom and the other is an Acorn, and both of them are sired by the Thompson bred bull Bold Prince. He also sells some very nice heifers in this sale, and those who, have heretofore bought cattle from him know that he generally comes forth with something good. Mr. J. A. McFarlane will sell five head of young bulls and Mr. N. D. Merrill will sell six head of bulls in the sale. The offering is a good one, both in point of breeding and individual excellence. There will be some very choice bulls in the sale that should go to the head of herds, and the females are among the best that have been sold in South Omaha this season. We will have more to say of these cattle in our succeeding issues. Write to Mr. F. P. Healy, Bedford, Iowa, for catalog of the sale and be kind enough to mention Iowa Homestead when doing so.

#### THE CARPENTER & ROSS SHORT-HORN SALE.

The month of May, 1907, will go down in history as being noted for Short-horn sales, representing many of the leading breeders of the red, white and roans, beginning with sale from a noted herd in Michigan and followed by a week of noted sales beginning with that of Messrs. Carpenter & Ross, of Mansfield, Ohio. A select draft of imported and home-bred Scotch cattle will be offered for sale by this firm on Wednesday, May 22. The imported lots, six bulls and six females were personally selected by a gentleman of long experience in importing Scotch cattle, Mr. P. G. Ross, of the above named firm. Mr. Ross assures a representative of this paper that the lot of cattle which he has selected from the best herds of Scotland should be appreciated. The cattle recently imported are in good thrifty condition, and will suit the breeder who wants something of merit rather than those which have been highly pampered. This sale offers to the Short-horn breeders unexcelled opportunity to secure at their own price representatives of the leading herds of Scotland, among the number being prize winners at noted shows and direct descendants of many of the most popular prize winners. The bull buyer will find plenty of material of the right sort in this offering. Among the imported bulls, of which there are six, Diamond Victory is rated as a desirable one. He is by Diamond Mine, a son of Bapton Diamond, a noted breeding bull of Scotland, having sired the calves that made the highest average for James Durno at the Perth sale in 1906 and the third highest in 1907. A full brother was sold at a high figure last year to go to Cblli, Stronan Star is by Montrose Baron, a winner at a number of the leading shows, and claimed by Captain Sterling to be the best bull he ever owned. This dam is by the celebrated bull, Star of Morning. He is a low thick-set, red bull, with extra good head, splendid back, and nicely covered over hips. His full brother won first as yearling at the Perth show and sold for the record price of \$3,000. Keir Scepter is a Miss Ramsden, by Lord Elgin. He is described as a low down, mellow, compact bull, of unusual character. His dam, Meadow Shepherdess, by Lord of the Meadow has been a noted bull producer, two of her sons having sold in Argentina for \$7,500 and \$9,000. Royal Gold by Royal Crown, a Cruickshank Clipper with the dam, Goldie 37th, by William of Orange is a very smooth, stylish calf with an excellent head and much character. His dam is one of the greatest bull breeders of Scotland, and is still producing at the age of fifteen years. The sire of this bull, Royal Crown was a championship winner at the Royal Northern Show, at Aberdeen. The reasons are numerous why this bull should prove an attraction sale day to anyone who is in the market for a bull that is

## Three Ohio Chief Boars

for sale. Two fall boars and one yearling. Write me at once.

**C. F. KIRK, Ponca, Nebraska.**

**6 Good Duroc Jersey Fall Boars for Sale.** I HAVE 6 extra good fall boars that I will price right if taken at once. They are sired by such boars as Fancy Crimson Wonder and Crimson Wonder's Brother. Write me for prices and description. We will also breed a limited number of cows to Lincoln Wonder by Ohio Chief at \$100 each. W. A. KIRKPATRICK, Lincoln, Neb. A. WILSON, Bethany, Neb.

#### I PAY EXPRESS

charges, and ship C. O. D. CHOICE CHESTER WHITE PIGS, either sex no skin  
**B. M. BOYER, Farmington, Van Buren Co., Iowa**

## CARL HANSEN, HERMAN, NEB.


**FOUR fall boars for sale at \$20 each if taken soon; sired by prize winners or sons of prize winners.**

**I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans preferred. Address: E. B. Thompson, Cumberland, Ia**

**RED POLLED BULLS for sale cheap. Also 80 Ring 2 year old mules and horses. W. H. Hazlet, Leon, Iowa.**

backed up with show yard ancestry and whose individual excellence comes to him through his immediate ancestry. Royal Fusileer belongs to the Marr Flora family and is another of the low down, blocky sort, and is regarded as one of the good bulls of the importation. Royal Crown, by Vice-President and out of Coldstream is a roan of exceptional merit, and is regarded as one of the desirable ones. He belongs to the Diamond tribe. The female consignment of this importation includes many prize winners at the leading Scotch shows. The Short-horn breeder of this country who is in search of show material will find in this lot of females animals worthy of his careful inspection. Cadboll Gwynne is one of this kind. She was second prize winner at Perth and was the highest priced female of the sale. She is in calf to a Broadhooks bull, that was a winner of eight firsts and two championships in 1906. She is a daughter of Baron Butt, and her dam, Gwynne 2d, was by Scottish Prince. She will make a creditable showing this fall and should attract the attention of all Short-horn breeders. Mona's Mint is a two-year-old heifer bred by James Durno. She is considered the choice of the two-year-old heifers bred by Durno. Her sire, Royal Mint, is a full brother to Collynie Mint that sold at \$3,100. She is in calf to Baron Fyrie, the highest priced calf at the Aberdeen sale. Bekinda, is a two-year-old by Royal Mint. She is a heifer of great scale and will make a large, roomy cow, and is in calf to imported bull, Spicy Peggy, a daughter of Spicy King, one of the best breeding bulls of Scotland. One of his daughters sold for \$4,250 and eleven of his get made an average of \$2,060 last year. She is another of the show heifers in this importation and is in calf to the Broadhooks bull mentioned above. Astea by Violet's Victory, has a fine roan bull calf at foot by Clarendon, winner of first in class at Aberdeen, 1906. Marmion 7th, by Pitline King 2d, and her dam was Marmion 5th by Diomed. She is in calf to Royal Gold, and is a low down, thick, blocky heifer. We have briefly reviewed the imported lots and commend them to our readers in search of well bred Short-horns. The offering throughout is a notable one, and this firm are deserving of the patronage of the Short-horn fraternity. The catalogs will be sent to all who write kindly mentioning The Homestead. The announcement appears on page 20 of this issue. The Forbes-Prather-Ayres-Hanna Scotch sale will be held in Chicago, on the following day, May 23, and both sales can be made at one expense. Further particulars regarding this offering will appear in our next issue. Plan to attend this noted sale.

# KRESO DIP



**"KRESO" KILLS ALL KINDS OF LICE. KRESO-DIP CURES MANGE & SCAB, CUTS, WOUNDS, SORES, RINGWORM etc. KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT**

**FOR ALL LIVE STOCK**

**HARMLESS. EFFECTIVE. INEXPENSIVE.**

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**SEND FOR FREE BOOKLET ON**

**CATTLE HORSES HOGS SHEEP POULTRY DOGS**

For sale at all drug stores.

**PARKE, DAVIS & CO.**

Home Offices and Laboratories, DETROIT, MICHIGAN.



May 9, 1907.]

**The Forbes-Prather-Ayers-Hanna Short-horn Sale.**

One of the important events in Short-horn circles this season is the forthcoming sale to be held in Chicago, on May 23, by Messrs. I. M. Forbes & Son, J. F. Prather, F. W. Ayres, and D. R. Hanna. This sale follows that of Messrs. Carpenter & Ross, of Mansfield, Ohio, on Wednesday, May 22. This sale is made up of Scotch Short-horns from four of the noted herds of the breed. It represents the production of herds which have had much to do with the improvement and popularity of the breed. The herds represented in this auction have been drawn upon for many of their best individuals, winners in strong shows and in many cases animals which could be retained with profit in the herd. Rarely are breeders given the opportunity to secure at public auction cattle representing the get of such noted sires and dams as the lot which is consigned to this sale. The female list includes many show yard winners and much show yard material. The offering merits the attention of breeders who are in the market for show stock, or wish to add new blood to herds already established. To the farmer who contemplates the establishment of a pure bred herd, this offering offers unexcelled advantages. Every bull cataloged is good enough to head a good herd. They are bred along the lines that are producing the prize winners and that are most approved by the breeders of the present day. In every way this is one of the top offerings of the year and breeders will do well to be present sale day. Messrs. I. M. Forbes & Son, of Henry, Ill., send forward ten females, including two senior yearling heifers that will be heard from in the fall shows. One of them, La Belle 2d, was fifth in class at the last International in the strongest competition of the show. Queen of Scots 19th, is a daughter of Imp. Royal Robin, a bull which sold in the 1901 International at \$1,150, to F. W. Ayres and used successfully by him. Messrs Forbes regard her dam the best cow they ever bred, and her granddam the best cow they ever owned. The Duchess of Gloster family has given to their herd some of the best producers they ever owned, and in listing this cow they are sure that she will do well for her new owner. She is safe in calf to the prize winning bull, Victor Linwood, second at International in two-year-old class 1906, and he and his sister, won first there as produce of cow. Star's Red Queen, is another of the Duchess of Gloster family, and is got by Imp. Star of the North, the first prize aged bull at the 1900 International and sold at auction in the International sale the same year for \$1,840. She is a splendid individual of the Scotch type, beautiful head and horn, thick-fleshed, smooth and uniform in conformation and levelness of lines. She is safe in calf to Imp. Cock Robin, the bull at the head of this noted herd, a bull who has established an enviable reputation as a sire of prize winners. The Messrs. Forbes are listing cattle which represent their breeding herd, said by competent judges to be one of the best collections on either side of the water. Further particulars in regard to their offering will be given in our next issue. Mr. J. F. Prather, of Williamsville, Ill., lists five head of splendid young things, four females and a bull. Rosebud 13th is a coming three-year-old by Imp. Pride of Fancy and out of Rosebud 8th, by Imp. Fearless Archer, a bull used with much success by Mr. Prather. She is a smooth, well made young cow, that will do well in any company, and is safe in calf to Prince Victor, a bull purchased by J. H. Green & Co., from Village Park herd. She will calve shortly after sale, and will be a valuable addition to any herd. Nonpareil Queen 3d is a daughter of Imp. Victoria's Count, one of the best Victoria bulls in this country. Her dam was by Imp. Collynie, a Dutch bred bull of great merit. Individually this young heifer will suit the most discriminating buyer. She is in calf to Imp. Sovereign. Mr. Prather lists a very good lot, including a young bull fit to head some good herd. Further mention of this consignment will be made in our next issue. Mr. F. W. Ayres, of Athens, Ill., lists twelve head, ten females and two extra good young bulls of exceptional merit. Mr. Ayres has one of the top Scotch herds of the country and is sending forward a representative lot of cattle. Champion Robin is an eleven months bull by Imp. Royal Robin and out of Imp. Rosaline by Imp. Lovat Champion. This young bull is one of the low down, compact bulls which are seldom offered at public auction. He has an attractive head and horn, is extra good throughout, and is a wonderfully well covered, thick-fleshed bull. No better herd bull will be offered for sale this year, and the buyer in search of a herd header will be pleased in this bull. The females are an attractive lot. Imp. Marigold 4th is one of the attractions of the offering. She has been a good producer, Mr. Ayres keeping two of her heifers in his herd, which are just about priceless. She is safe in calf to Imp. Bapton Coronet, one of the best sons of Silver Plate, which heads this herd. Clara 62d is a daughter of Imp. Royal Robin and out of Imp. Clara 59th. She is of strictly show yard merit and is sure to please some one in search of show material. Her breeding is unsurpassed and her individuality is in keeping with her blood lines. This offering is a strictly high class one in every respect and is in good breeding condition. The largest consignment comes from the well known herd of Mr. D. R. Hanna, of Ravenna, Ohio. Included in it are a number of prize winners and others which will furnish material for the fall shows. Diamond's Mariner is listed. He is a son of the noted breeding bull Imp. Bapton Diamond, and his dam is of the famous Marr Missie family. He won first at Kansas City and divided honors with Avondale, the good son of Whitehall Sultan, at the various fall shows at which he was exhibited. He will make a good show proposition this year or will do to head the best herds. There are a number of other richly bred bulls listed, mention of which is deferred until our next issue. The females listed by Mr. Hanna are a richly bred lot. Moss Rose 4th is a show proposition. She is a daughter of the Marr bred bull, Imp. Crescent Knight, and out of Imp. Moss Rose. She is safe in calf to Nonpareil Archer. A daughter of Marquis of Zenda that will please is Nonpareil of Pine Grove 15th. She sells with calf at foot by Marigold Sall-

**SHORT-HORN CATTLE.****BULL BARGAINS****From The Jones County Herd of SHORT-HORNS.**

**10** CHOICE yearling bulls for sale at bargain prices. These bulls are by Sittytown Sort 173649. They must be sold to make room for our sale cattle to be sold at auction Oct. 2d. Our herd bulls Sittytown Sort and Wampum of Wayside 243046 are conceded to be among the best Scotch bulls in the state.

G. P. Tyrrell &amp; Son, Oxford Junction, Iowa.

**MILKING SHORT-HORNS.**

**SEVERAL** good yearling bulls ready for service. We milk all cows and hand raise calves. Only Butes, Old English and American breeding. Come and inspect our stock or write for description of animals. **Blackmer & Nelson, Albert Lea, Minn.** Farms mile from town.

**4 SCOTCH BULLS**

**Three straight Cruickshank.** These are bred in the purple and are good enough to head any herd. Come and see them. **C. W. DAWES & SON, Harlan, Iowa**

**QUEEN MILLS HERD SHORT-HORNS. HAMPTON'S COUNSELOR 264533.**

**ONE** of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address, **G. H. WHITE, EMERSON, IOWA**

**BACH GROVE STOCK FARM. F. M. ZENOR, WOOLSTOCK, IOWA**

**Breeder of Short-Horn Cattle.** Families represented: Princess Royal, Duchess of Gloster, Mysie, Roan Bess, Lavender, Orange Lass, Nellie Bly and Pure Bates Cattle. Phone No. 804.

**CHOICE SHORT-HORN CATTLE FOR SALE.**

**I** HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, **J. H. MOYER, Newton, Iowa**

**BEAVER CREEK SHORT-HORNS.**

**SCOTCH BULLS** for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address, **N. A. LIND, Rolfe, Iowa**

or. Several imported cows are included in this consignment, mention of which will be made in our next issue. Catalogs may be had by addressing Mr. W. C. McGavock, of Springfield, Ill. Look up the advertisement on page 20 of this issue and mention The Homestead when writing for catalog.

**Cutler's Short-horn Sale.**

On Saturday, June 8th, Mr. W. E. Cutler, of Corydon, Iowa, will disperse his entire herd of Short-horn cattle at his farm, adjoining the inland town of New York, Iowa. Southern Iowa and northern Missouri men will find this a most convenient sale to attend, and the breeders from other states will find it to their interest to be present when this bunch of cattle goes under the hammer. Mr. Cutler has been one of the oldest breeders of Short-horns in southern Iowa, and his "Canna Hill herd" has been one of the best in that section of the state. When Mr. Cutler founded his herd he began by purchasing the best bulls he could buy. The first bull used was Orange Blossom Duke, a son of Orange Blossom Lavender, and he was a richly-bred Cruickshank Buttery. The next used was Vallenev 2d, a Cruickshank Victoria, and a grandson of Victor Mysie 2d. This bull was purchased of Messrs. S. H. Thompson & Son and was used with much success in the herd. Quite a lot of his get will be included in the sale. He next secured the Bothwell-bred bull, Victor Maple, a son of the noted bull, Grand Victor, and this bull he used until the middle of last summer when he sold him to one of Iowa's most noted breeders, Mr. C. A. Saunders, of Manilla, Iowa, and he is now doing service in his herd at the Greeley Stock Farm. This bull is a half brother to Golden Lavender, that sold in the recent sale of Mr. Geo. Bothwell for \$995. Mr. Cutler's present herd bull, and one that will be included in the sale, is Baron Victor 250111. He is a two-year-old Cruickshank Victoria and was bred by Mr. M. L. Logan, of Lineville, Iowa. He is a son of Victor Knight 177893, a son of the \$1,000 bull, Baron Dudding, and out of a daughter of the Duchess of Gloster bull, Baron Goldust 3d. This bull topped the Logan sale last summer and he is today one of the best bull propositions that we know of that will be offered at public sale. We make mention of the herd bulls used in this herd at this time simply to call attention of breeders to the class of cattle that Mr. Cutler will sell in his sale. The Scotch females represented will be Victoria, Rosemary and Lavender tribes, and there will be about eight head of these altogether. The other females will be Rose of Sharon, Young Phyllis, Bellina, Young Mary and other well-known tribes, and these will have from two to four and five Scotch tops on them. The last three bulls that were used in this herd were Victoria bulls, and the cattle that go into the sale show the breeding that is behind them. The female offering will include Victoria, Funke 7th, a daughter of old Golden Champion. Here is a Cruickshank Victoria heifer with a bull calf at foot by Victoria Maple. Then he also sells some Rosemarys and a Lavender, the latter being a daughter of Imp. Fairhaven with a heifer calf at foot. The herd has a remarkable lot of good cows in it, and is particularly strong in milking qualities. Several of the cows to be sold would make useful dairy cows, having large udders and are great milkers. There will also be a nice line of heifers sold, and some of these are very promising. There will be fourteen bulls in the offering, ranging in age from ten months to two years. Mr. Cutler is disposing of his herd because of ill health, both of himself and his wife, and this is the only reason that he is selling out. The Cutler herd has been one of the profitable herds in southern Iowa, and we know of no place where buyers will be able to get better bargains than they will in this sale. Watch for further announcements in these columns and write at once for catalog. Kindly mention this paper.

**GRAND PUBLIC SALE OF****Short-horn Cattle****AT NEW PROVIDENCE, IA., MAY 22, 1907**

On the above date at my farm adjoining the town of New Providence, I will offer for sale 47 head of strictly business Short-horns. There will be 31 females and 16 bulls, including four head of Scotch cattle, choicely bred. The bulls are a good, useful lot and include my herd bull, Golfman 2d 247994. This is a strictly first-class, tried Scotch bull, suitable to head some good herd.

Catalogs now ready for distribution by the proprietor.

**R. H. HADLEY, NEW PROVIDENCE, IA.****Al P. Mason, Auctioneer--Menzine & Gogarty, Ringworkers.**

Mention Homestead when writing for Catalog.

**DISPERSION SALE OF****Short-horn Cattle**

: AT :

**ALBION, NOBLE CO., INDIANA, On Friday, May 24, '07****35****Head of Imported and Home-Bred Scotch and Scotch Topped Cattle****35****25 COWS AND HEIFERS**

Many of them with calves at foot or well along in calf, representing the Missie, Secret, Orange Blossom, Victoria, Lovely, and other fashionable Scotch families.

**10 BULLS**

Including the herd bulls, KING OF DIAMONDS, AN INTERNATIONAL WINNER, and CHOICE MASTER, by Choice Bud 212003, by Imp. Choice Goods, one of the best young bulls to be sold this year. There are a number of young bulls listed of the herd header sort.

Mr. T. E. Adams, Columbia City, Ind., lists one female and five yearling bulls.

Write for catalog, mentioning Homestead to

**J. W. PALMER & SON,****ALBION, - INDIANA.****Cols. Fred Reppert and Ed Bowers, Auctioneers.**

Albion, Ind., is 135 miles east of Chicago, on the Baltimore & Ohio R. R.



# PUBLIC SALE OF SHORT-HORNS AT SOUTH OMAHA, NEB.

MONDAY, MAY 27, 1907

## 27 HEAD OF SCOTCH CATTLE 27

Eleven of which are bulls, many of them suitable for herd headers. The balance of the 50 head to be sold are Scotch topped. These cattle are choice selections from the herds of

W. R. WILSON, Arispe, Iowa. E. C. HOLLAND, Milton, Iowa. F. P. HEALY, Bedford, Iowa.  
N. D. MERRILL, Creston, Iowa. J. A. McFARLANE, Fairfield, Neb.

Several of the cows have calves at foot, and are bred again to Scotch bulls. Write for catalog. Address

**FRANK P. HEALY, - - - BEDFORD, IOWA**

GEO. P. BELLOW, Auctioneer.

Please mention Iowa Homestead when writing for catalog.

## "MAXWEALTON"

## SHORT-HORNS

AT AUCTION

Mansfield, Ohio,  
Wednesday, May 22, 1907

## 50 HEAD OF RICHLY BRED SHORT-HORNS 50

Practically the entire offering is of fashionable Scotch breeding, including six imported bulls and six imported females, personally selected from the leading herds of Scotland by Mr. P. G. Ross, a recognized judge, a student of pedigree and one who has superintended the importation of more cattle in recent years than anyone else.

Thirty-one cows and heifers, the get of the most noted prize winning bulls of America and Scotland.

Nineteen bulls that are fit to head good herds.

An unexcelled opportunity to add new blood from the best herds of Scotland at your own price.

Catalogs are sent only on application. Mention The Homestead when writing.

## CARPENTER & ROSS

Mansfield, Ohio.

Cols. Geo. P. Bellows and Carey M. Jones, Auctioneers.

## THE FORBES, PRATHER, AYERS AND HANNA Select Sale of Scotch

## SHORT-HORNS

At Union Stock Yards, Chicago, Ill.,  
Thursday, May 23, 1907

**Nine Bulls and Thirty-Six Cows and Heifers  
Are Cataloged.**

The great bull list includes the first prize winning two-year-old Missie bull Diamond's Mariner 241073 and several of his get at foot with dams. Also the grand young show bulls and prospective herd headers, Champion Robin, a Roan Lady by Imp. Royal Robin; Athenian Coronet, and Acanthus by Imp. Bapton Coronet; Delmas, a Secret by Imp. Bapton Sovereign; and other good ones.

The females include Queen of Scots 19th, a Duchess of Gloster by Imp. Royal Robin and one of the best females of the Forbes herd; Linwood Clara, a Clara by Imp. Cock Robin; and four other daughters of this prize winning imported bull, two of which are outstanding show heifers; Imp. Marigold 4th by Diamond Jubilee; Clara 62d whose full sister sold last year for \$930; Mademoiselle 14th, a Missie by Imp. Golden Crest; and Golden Venus 7th by Missie's Robin are among the good ones of the Ayers offering. Heifers of the Autumn Rose, Nonpareil and Orange Blossom families sired by Imp. Pride of Fancy, Imp. Bapton Sovereign and Imp. Victoria's Count and of grand quality, compose the Prather offering; and the Hanna herd is represented by Imp. Miranda; Imp. Cluny Flora 85th; and quite a number of choice females from imported sires and dams.

The makers of the sale are among the leading breeders of America. They are I. M. Forbes & Son, Henry, Ill.; D. R. Hanna, Ravenna, Ohio; J. F. Prather, Williamsville, Ill.; F. W. Ayers, Athens, Ill.

For Catalog address,

**W. C. MCGAVOCK,**  
SPRINGFIELD, ILL.

Auctioneers, Col. F. M. Woods and Col. Geo. P. Bellows.

### SHORT-HORN CATTLE.

## WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

## FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,

M. D. YARD, Crawfordsville, Iowa

Walnut Grove Short-horns & Poland Chins (CLEAR The Way 23482, winner 1st in 2-yr-old class) and 1st in 1-yr. class, Ia. State fair, '06 head herd. Herd heads Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Sunbly 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Klugmaster 14 for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls, Jordan & Dunn, Central City, Ia. Maple Valley Stock Farm.

### SHORT-HORN CATTLE.

## WILDWOOD SHORT-HORNS ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meat Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write.

W. W. VAUGHN, Marlon, Iowa

## Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopewell Knight. Bulls for sale at all times.

G. H. BURGE, - MT. VERNON, IOWA.

### HERD BULLS.

3 Scotch Herd Bulls 3  
AT MALAKA FARM.  
Two Reds, One Roan. Rare Bargains.  
H. D. PARSONS, - NEWTON or BAXTER, IOWA

## BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. JESSE HINFORD & SONS, Atblon, Iowa, or Liscomb, Iowa.

### SHORT-HORN CATTLE.

## HUGHESDALE REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

### CRUICKSHANK

## Bulls and Heifers For Sale

WE have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two-year-old heifers of best Scotch tribes, mostly reds and all bred.

**I. BARR & SON,**  
Davenport, - - - Iowa.

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Haas, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection

### SHORT-HORN CATTLE.

## Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Roan Archer heads herd. Write for private catalog.

**W. H. SCHAFER,**  
KEENSBURG, - ILL.

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

## SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.



## SHORT-HORN CATTLE.

## ARDMORE SHORT-HORNS

## VICTORIA'S PRIDE.

Red; calved September 9, 1905.

Dams.	Sires.	Breeders.
Victoria of Meadow Lawn 3d.....	Got by Imp. Scottish Pride 128543....	Wm. Duthie
Victoria Veech.....	Victor Baron 127266.....	C. B. Dustin & Sons
Imp. Victoria 73d.....	Favorite 56041.....	Wm. Duthie
Victoria 58th.....	Roan Gauntlet (35284).....	A. Cruickshank
Victoria 43d.....	Pride of the Isles (35072).....	A. Cruickshank
Victoria 36th.....	Champion of England (17526).....	A. Cruickshank
	Baronet (15614).....	A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

ARDMORE STOCK CO., - HOLSTEIN, IOWA

## SHORT-HORN CATTLE SALE!

At Evergreen Stock Farm, Vinton, Ia., June 19.

ABOUT 50 head of imported and home bred Scotch and Scotch-topped young cows, heifers and bulls, including the splendid Cruickshank herd bull, Prince Royal. The females are mostly two and three-year-old heifers, sired by Prince Royal and bred to Scottish Fancy, he an exceptionally good young Scotch bull from an imported dam, and included in the sale. The 15 bulls include several Scotch herd headers. All are nice reds and good. Catalog June 1st. Write for it, mentioning The Homestead.

N. P. HALGREN,

VINTON, IOWA

9 Cruickshank  
Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

## A SPLENDID LOT OF SHORT-HORN BULLS

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshall. Can sell one or can fill out a load. Address.

A. B. CLARK,

WAYNE, NEB.

NOVINGER & SONS'  
SHORT-HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirksville, - Missouri.CATALOG  
Of Young Bulls For Sale  
Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, - IowaSCOTCH BULLS  
FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

## SCOTCH BULLS

Got by  
IMP. MUTINEER 172547.

MUTINEER is of Mar's Missile tribe and was got by Bapton Chief and out of Imp. Missile, 167th dam of White Bull Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, Unionville, Mo.

## Marshal Favorite For Sale

SILVERED by Imp. Fashion Favorite 149560, dam Imp. S. Jilted Maid. Will be two years old in December. Red in color and a good young bull. Also a few young bulls for sale. Address,

J. D. McDERMOTT, WIOTA, IA.

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.  
Jas. E. Stephenson, Alburnett, Iowa  
Otter Creek Stock Farm.

## LARGE YORKSHIRE HOGS.

## LARGE YORKSHIRES, the Bacon Hog.

BREEDING STOCK FOR SALE AT ALL TIMES.  
Fairs and trials, not akin. My Foundation herd was selected in Canada of the best breeders by me personally. There is no breed of hogs in existence to-day that makes better mothers and can raise more pigs in a litter. Try this breed if you want to make money. Write for prices.

F. RABER, LEIGH, NEBRASKA.

## JERSEY CATTLE.

JERSEY  
CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

HUNTER &amp; SMITH,

BEATRICE, NEB.

## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Dobbies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbires, Ericas, Heather Blooms, Barbours, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedule Black Jun and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PARADISE STOCK FARM

## —OFFERS—

PRIDE'S ALBION 5th 53114, their double Pride herd bull, cash, or will exchange as we have so many of his get we can not use him longer. He breeds good, fine disposition, weighs 2,200. Also other bulls priced low for the quality. Berkshire swine fashionably bred. Booking orders for fall. Write for catalog to

W. F. ECKLES, GREEN CITY, MO.

## High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird. Besides several younger ones. These are herd headers. Address,

W. H. JONES, QUIMBY, IA.

ABERDEEN-ANGUS bulls for sale, of the fashionable families, Queen Mother, Erica and Drumlin Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

10 Aberdeen Angus  
BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rebemle Queens, etc. Address,

John E. Griffith,

WASHINGTON, IOWA.

(Mention Homestead.)

PLEASANT HILL ANGUS.  
SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.  
J. Nissen, Meservey, Cerro Gordo Co., Iowa

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, JAMES WILSON & SONS, AVOCA, IOWA

DOUBLE STANDARD  
Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1874-18882. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER &amp; DEUKER,

Kulona and Wellman, Iowa.

## LIVE STOCK AUCTIONEERS.

Col. Judd McGowan  
Clinton, Illinois.

## Ten Years' Experience

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

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AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312



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Work satisfactory. Prices reasonable.

## JACKS.

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GOOD, large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



## POLAND CHINA HOGS.

45 Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977, R's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,  
WM. RAY & SON, DEFIANCE, IOWA.



**HEREFORD DISPERSION****EXTRAORDINARY****Wednesday, May 15, 1907**

These cattle have been the source of much profit to me and will make you money. As I am retiring, you get a chance at my entire herd without reserve. Send for catalogue, mentioning The Homestead.

**Auctioneers.****COL. F. M. WOODS and MR. GEO. P. BELLOW.****At "Fair Acres Farm," Near Emporia, Kan.**

The blood of Albion, Lord Saxon, Wild Tom, Java and Keep On. 19 yearling bulls, headed by Christy 23417, he by Keep On 2nd, and out of Fashion by Fashion by Lord Saxon. 28 grand breed ing cows, many with calves at foot. 12 extra fine heifers, yearlings. The balance are young things of great promise.

**MRS. C. S. CROSS, EMPORIA, KAN.****POLAND CHINA HOGS.****WILCOX HAS BRED SOWS FOR SALE.**

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

**10 GOOD FALL BOARS**

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, **GEORGE E. PATCH, Blundinsville, Illinois.**

**POLAND CHINA BOARS**

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to heat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

**25 BRED SOWS.**

DUE to farrow in March and April. Sired by Miss Chief Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 250 pounds, have fine smooth coats and are from best strains of Poland China breed. Address, **W. G. Arnold, Strawberry Point, Iowa.**

**FALL BOARS FOR SALE** Ready for service, weighing 200 lbs. or better, farrowed September 1906, sired by Enough Perfection 100205 and Preamble 100203. All out of mature sows. These are the kind you are looking for. Write for prices. Shipped on approval. **L. S. Fisher & Sons, Edgewood, Iowa.**

**POLAND CHINA BOARS.**

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, **J. L. SLICK, LANARK, ILL.** Twenty years a breeder.

**STANDARD HERD of Poland Chinas.** I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo 1's Dime. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. **John Schmal, Sutton, Neb.**

**BIG-BONED PROLIFIC POLAND CHINAS**

I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me book your order for a good pig. **H. L. McKelvie, Fairfield, Neb.**

**CHESTER WHITE HOGS.****100 CHESTER WHITE March Pigs and More Coming**

SURED by such noted boars as Pioneer, Neponset Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

**E. L. NAGLE & SON, Deep River, Iowa**

**James Fisher, Eastman, Wisconsin.**

BREDELT and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish. Write for Prices and Catalog.

**Iowa Herd Chester White Swine**

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

**GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa**

**IMPROVED CHESTER WHITE SWINE.**

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Bester, Nashua Boy, Billy Boy 15223, a grandson of Laverne King 12757, heads the herd. Address, **John H. Krehbiel, Danellson, Iowa**

**CAUTION HERD O. I. C'S.**

150 HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief 1, 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock. **W. B. Porter, Cameron, Mo.**

**Improved Chester White Gilts**

A bargain, bred for June farrow to Crescent Rex, son of Sweepstakes hog at Nebraska state fair. Gilts are sired by Look Out 2d. Write at once. **S. J. PHILSON, HARLAN, IOWA**

**CHESTER WHITES**

100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Aug. and Sept. gilts; very growthy and to farrow in August. Prices reasonable. **MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.**

**GOOD O. I. C. FALL BOARS**

For sale of the long heavy boned, prolific kind. Address, **Allen Bros., Russell, Iowa.**

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, **J. T. Scarff, Salem, Iowa.**

**CHESTER WHITE HOGS.****EVERYTHING SOLD FOR THE PRESENT.****MODELER 13235 & Head of Model Herd of Chester Whites.**

Write for descriptive catalog.

**W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA****MAPLE GROVE CHESTER WHITES.**

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Meddum, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices. **ERNEST L. MEAR, NEPONSET, ILLINOIS.**

**Bluff Road Herd of Pure Bred Improved Chester White Swine.**

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

**D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.**

**STRONG LOT OF CHESTER WHITES & O. I. C. HOGS.** We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keiser FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

**DUROC JERSEY HOGS.****Village Stock Farm****HAS FOR SALE NINE OCTOBER BOARS**

SURED by grandson of Ohio Chief, two being out of a Kant Re Beat sow. These boars are good colors, heavy bone, lengthy, good backs, and are first-class pigs. Prices made to move them.

WRITE IF YOU MEAN BUSINESS.

**COMER & GILLILAND, CARLINVILLE, ILL.****PENNYRILE HERD OF DUROCS.**

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address, **AMOS W. HARRIS & SONS, WAVERLY, KY.**

**WE WON 79 RIBBONS**

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come. **WATT & FOUST, CEDARVILLE and XENIA, OHIO**

**BUDDY K. IV HIGHEST PRICED DUROC BOAR**

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices. **McNEIL BROTHERS, ROWEN, ILL.**

**AMERICA'S GREATEST DUROC HERD****Owned by S. E. MORTON & CO., CAMDEN, OHIO.**

We are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

**TIP TOP NOTCHER 20729 AT HEAD OF HERD**

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois state show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address, **FAGAN, BROWNING & McCABE, HERSMAN, ILL.**

**GOLDEN HERD DUROC JERSEYS.**

HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good. **L. E. Thomas, Golden, Illinois. R. E. Hogsett, La Prairie, Illinois.**

**CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.**

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead. **U. G. DAVIDSON, MANSON, IOWA.**

WON more prizes at Indiana and Ohio state fairs 1905 than any other Duroc herd. **J. D. NIDLINGER, DECATUR, INDIANA.**

**25 Duroc Jersey Bred Gilts 25**

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices. **F. M. Ersehen, Odell, Ill.**

**Prolific Herd of Duroc Jerseys**

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd leaders at prices to suit purchasers. Address, **G. Van Patten, Sutton, Nebraska**

**Duroc Jersey Bred Sows For Sale.**

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. **Geo. L. Reed, Sumner, Nebraska.**

**Havelock Herd Duroc Jerseys****Nothing now for sale.****Best of blood represented.****E. K. YOUNG & SON, Havelock, Neb.**

L. H. ROBERTS & SON, PATON, IOWA. CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

**KRASCHER'S DUROC JERSEYS**

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. **FRED KRASCHER & SON, MACON, ILL.**

**FALL BOARS TO HEAD HERDS.**

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs. **H. B. GRUFFITTS, Bowen, Ill.**

**Russell's Durocs.**

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired. **E. Z. RUSSELL, BLAIR, NEB.**

**10 Head of Junior Jim Gilts**

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Alex and Redwood Chief. **AUSTIN RENSHAW, Blair, Neb.**

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. **S. J. Butts.**

**DUROC JERSEY HOGS.****Crimson Wonder Again 40785**

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address, **H. S. ALLEN, RUSSELL, IA** On main line C. R. & Q. R.

**Red Oak Herd**

OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, phone, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

**J. W. TROY & BROS., PROPS., Rosehill, Mahaska Co., Iowa.**

**SHORT-HORN CATTLE--DUROC JERSEY HOGS**

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good short-horn bulls for sale. **JAMES T. DOLLISON, SAU CITY, IOWA.**

**GREENDALE HERD DUROC JERSEYS.**

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited. **F. H. HERRING, Kalona, Iowa** Shipping point Iowa City.

**Duroc**

Bred sows that carry the blood of Gold Dust Jim, Improver 11, 2d Surprise, Red Chief 1 Am, Glendale Critic. Remember our guarantee, Dice & Garber, Beaver Crossing, Neb.

**PIONEER HERD DUROCS.**

WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address **Arch Brown & Sons, Waterloo, Nebraska.**

**PROUD ADVANCE DUROC BOARS.**

OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us. **MANLEY & CO., LYONS, NEB.**

**Smith Brown's Duroc Jerseys**

THE home of the winners. 125 pigs by Echo King, Red Chief 1 Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, **SMITH BROWN, Waterloo, Neb.**

**C. M. Dewey, Shannon City, Ia.**

FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Fall boars by Proud Advance and Taddy 11. Few sows bred to Ohio Chief 11 for summer farrow. Write or visit.

**FALL BOARS**

BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher again. Price reasonable. **W. J. Prather, Russell, Iowa**

**10 Choice Fall Duroc Jersey Bulls For Sale**

I HAVE ten choice fall boars for sale that I will price worth the money if taken at once. They are very growthy and are well bred. The best bunch I have ever raised. Write me at once for description and prices. **S. J. TILLMAN, Rugan, Neb.**

**HILLHURST HERD DUROC JERSEYS.**

FALL BOARS for sale sired by Red Knight Agn 11 43325, and yearling sows sired by Crimson Wonder 1 Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped. **AUGUST VOGEL, PORTSMOUTH, IA.**

**DUROC JERSEY fall boars for sale.**

We have a few extra good fall boars that we will price reasonable to early buyers. They are sired by such boars as Jumbo's Perfection, 1st prize 2 years in succession at Nebraska State Fair. Others by Hambletonian, 1st prize yearling at Nebraska. Write us at once for prices. **H. B. Louden & Son, Clay Center, Neb.**

**CARL HANSEN, HERMAN, NEB.**

HAS a choice lot of Duroc Jersey boars for sale, all sired by prize winners or sons of prize winners. Reasonable prices.

**BRED SOWS**

and gilts all sold. Ninety nine youngsters to date from 14 sows and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are DUROCS. **J. W. Briggs, Alden, Iowa.**

**WOLF CREEK HERD OF DUROC JERSEYS.**

Plenty good, strong pigs at prices well worth the money. Breeding unequaled. Write to **T. L. Livingston, Burchard, Neb.**

**SPRING boars sired by fancy Crimson Wonder.**

Prices for quick sale to make room for fall pigs. Boars are from best sows and pronounced herd leaders. **W. A. Kirkpatrick, Lincoln, Neb.**

**CHOICE YOUNG DUROC JERSEY HOGS**

OF BOTH SEXES at reasonable prices. Address **W. J. S. Taylor, Hammon, Iowa.**



HEREFORD CATTLE.

8 Young Bulls for Sale

from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers  
for sale. Popular prices for high-class  
stock. Address

**G. W. WAY & SON,**  
New Sharon, - - - Iowa  
Call at Way's Hardware Store for free conveyance  
to the farm.



**BEAU DONALD HEREFORDS**

Write your wants. Picture of herd bull for the asking.  
One-half mile from town on the main line of Chicago & North-Western Railroad.  
**John Secor, - Mechanicsville, Iowa**

**TWENTY-FIVE** - **TWENTY-FIVE**  
**Beau Donald Bulls** Sired by the great Beau Donald 12th 90957, one of the greatest  
Hereford bulls in America, and out of Wild Tom, Stone Mason,  
CudHac, Archibald and Hesiod cows. Also have a few good bulls sired by Beau Brighton  
and out of Beau Donald dams. They are yearlings and two year-olds and are good strong  
fellows and some good herd headers in the bunch. Come and see them or write us at once.  
**A. SPOONER, - MONDAMIN, IA.**

**KATER & SMITH,**  
Grant City, Mo.  
**BREEDERS OF HEREFORDS**  
ST. ELMO 13th 72074, KEEP ON 23d 125151 AND  
TROT ON 181064 HEAD HEUD.  
20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr.  
A finer string of range bulls cannot be found. Some herd bull material will be found among these.  
Come and see them as they are right every way.  
Visitors met at Grant City on C. B. & Q., or Sheridan on C. G. W.

**WILLOW GROVE HEREFORDS**

**COLUMBUS** 25th 100912, the great-  
est living son of old Columbus,  
at head of herd. The blood of An-  
xiety 4th The Grove 3d, Hesiod and  
other great bulls predominates in  
my herd. Young stock for sale at  
all times. Write me and tell me  
what you want. Address, J. G. Von Seggern, R. D.  
No. 2, Winner, Nebraska.

**RECORDED HEREFORDS.**  
**TWENTY BULLS** from one to three years old,  
ten heifers two years old. 25% discount for  
30 days. Now get busy. Address,  
**W. W. WHEELER, Box H, - Harlan, Iowa**

**HAVING SOLD MY FARM**  
**I** WILL sell 25 head of registered Hereford cows  
and heifers and two herd bulls. One of them is  
an imported bull. All good stuff, and will be priced  
right to a quick buyer. Write me.  
**E. H. DANCER, Lamoni, Iowa**

**40 Choice Hereford Bulls**  
**40 Choice Bred Heifers**  
**R**ANGING in age from twelve months to two  
years. All sired by prize-winners.  
**EDMONDS, SHADE & CO., - Kingsley, Iowa**

**MAPLE LAWN HEREFORDS**  
**F**OR sale, (Imp.) 1814 145736, and also choice  
young bulls, ranging from 11 to 24 months old,  
well bred, and good individuals.  
**A. F. HAGER, - AVOCA, IOWA.**

**20** HEAD of reg. Hereford cows and heifers with  
calf at foot by Doncaster 102834, a son of Lamp-  
lighter, very cheap. Frank Festl, Nora Springs, Ia.

**RED POLLED CATTLE.**

**Thoroughbred Red Polls for Sale.**  
**O**VER 100 head to select from. 25 bulls ranging  
from eighteen months down; also choice heifers,  
prices reasonable. Call or write, W. H. Seaman,  
Rural Route No. 5; Carl H. Van Evers, Rt. No. 1,  
or Ans C. Seaman, Rt. No. 5, all of Davenport, Ia.  
Telephones W. H. Seaman, 1935 M. 1.

**THE WORLD'S LARGEST HERD OF  
RED POLLED CATTLE.**  
**P. G. HENDERSON & SONS,** Owners, Central  
City, Linn county, Iowa. Over 300 cows in our  
combined herds. A strong line of serviceable bulls  
now ready to ship. Mention The Homestead.

**RED POLLED CATTLE.**  
**80** HEAD in herd. Irwin 8253, an International  
prize winner in 1903 and 1st and sweepstakes at  
Iowa and Neb. state fairs in 1904, is at head of herd.  
Choice bred bulls, also some heifers and cows for sale  
at zero prices. Come and see or write, G. W. Coleman,  
Webster City, Iowa. Route No. 3. Phone 1208.

**HEDGE LANE HERD OF  
RED POLLED CATTLE.**  
**I** HAVE five extra good large-boned Red Polled  
bulls for sale now. I breed for size and bone  
with quality. Write me at once.  
**OTHO BOYD, - Virginia, Neb.**  
Joseph Kestel. John Schrothberger.

**Red Polled Cattle**  
**E**ITHER sex for sale. Have show stock. Prices  
reasonable. Equal to the best. Kestel &  
Schrothberger, New Lenox, Ill., or Gardner, Ill.

**SHADY LANE**  
**H**ERD of Red Polled cattle. Choice stock for sale  
at moderate prices. Come see or address  
**G. W. SHARP, MARBLE ROCK, IOWA.**  
C. M. & St. P. and C. R. I. & P. Rys.

**RED POLLED CATTLE FOR SALE.** Both  
R sexes, at reasonable prices. Frank L. Pim,  
Lucas, Iowa.

**GALLOWAY CATTLE.**

**WE HAVE**

**5 Young Galloway Bulls**

**EXTRA GOOD, RECORDED.**  
Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks,  
cockered or pullet mating, \$2.00 per 15.

**W. W. SCHOLES, - ONAWA, IOWA**

**HORSES.**

**LEFEBURE'S BELGIANS**  
**B**ELGIAN STALLIONS  
and mares, imported  
and American bred, on hand  
and for sale at all seasons of  
the year. Henry Lefebure is  
now in Belgium making his  
selections for a choice im-  
portation to arrive about  
July 1st. Catalog free.  
Henry Lefebure, Fairfax, Ia.  
8 miles west of Cedar Rapids.



Headquarters for Imported Percheron, Belgian,  
Shire and Coach Stallions.

**WE** will soon be in Europe searching for another  
shipment of those high-class European stall-  
ions, such as have made our reputation during the  
past few years. A few stallions still on hand and for  
sale on our special bargain plan. Mention Home-  
stead. Address, Champlin Bros., Clinton, Iowa

**FOR SALE—FRENCH, DRAFT AND PER-  
CHERON STALLIONS AND MARES**  
**I**MPORTED and native-bred, ranging in age from  
3 to 6 years old and weighing from 2,100 lbs. to  
2,200 lbs. Have a number of Missouri and Kentucky  
**JACKS** that are extra good. Will sell for less than  
any other man, breeding and quality considered.  
**C. T. Gollehon, - Blair, Neb.**

**FOR SALE OR TRADE.**

**A** GOOD young black Jack, coming three, and a  
big, home bred stallion, will weigh 1,800 lbs., a  
worker and sound, coming five years old.  
Buy from the breeder, not the dealer.  
**BEIT FRY, - PLAINFIELD, IOWA**

**TWO PERCHERON STALLIONS**

**BLACK** U. S. 47895 (black) and Billy U. S. 47894,  
each three years old. Good ones with good  
plenty of bone and are broken to harness.  
**J. L. SLICK, - LANARK, ILL.**

**PERCHERONS FOR SALE.**

**I**MPORTED and home bred stallions and mares  
one to seven years old; several match teams of  
mares. All stock registered in Percheron Society of  
America record. New importation arrived Oct. 10.  
**Manadum & Wheeler, Fairfield, Iowa**

**PERCHERON STALLION COLT FOR SALE**  
**I** HAVE a fine yearling stallion colt that I will  
price at a very reasonable figure. He is by the  
great prize-winning stallion Cashio 27893; his dam  
was Marcelle 19377, an 1,800-lb. mare. Write me for  
prices or come and see this great colt.  
**E. C. Gwinner, - Holdrege, Neb.**

**PERCHERON STALLIONS FOR SALE**

**I**MPORTED and home bred, from two to seven  
years old. All coal black. Best of bargains. If  
you want a stallion, come and see me.  
**G. C. HARRISON, - Blencoe, Iowa**

**Clydesdale Stallion and Short-Horn Bulls.**  
**WE** are offering at a bargain an extra good Cly-  
desdale stallion, Warrior 11723 (Vol. 12) and  
two red blocky Short-horn bulls, 14 and 18 months  
old. There is no better breeding and the individ-  
uality is right. Geo. Watt & Son, Anamosa, Iowa.

**I**MPORTED and Home Bred Draft Stallions and  
Mares for sale. Geo. W. Hilbo, Creston, Ia., suc-  
cessor to Hilbo & Wilson, also Hilbo & Van Patten.

**I**MPORTED Shire, Belgian and Percheron stal-  
lions, \$1,000. Home bred draft stallions, \$250 to  
\$600. Hart Bros., Osceola, Iowa.

**HORSES.**

**FRANK IAMS'**

"Peaches and Cream"



"Black Boys"

**Largest pair of Stallions in U. S.**  
**Sweepstakes Winners.** -:- **A Whole Horse Show**  
All of Iams' "Superb bunch" of "show stallions" are offered for sale. Dad, it's a  
"100 to 1" they are the "best ever." Get into "Iams' band wagon." All rail-  
roads lead to Iams' Importing Barns at 2 cents a mile, and Iams'

**SUMMER PRICES**

are pushing competitors "off the roof" hypnotizing buyers with "top notchers" at "LET-  
LIVE-PRICES." John, if you pay cash or bankable note you will buy a stallion of  
IAMS. IAMS' "SELLING CLOTHES" "FIT" "all the boys." He saves thousands of  
dollars to stallion buyers. He is not in the "STALLION TRUST." He places \$1,000  
or \$1,500 Insurance.

**\$1,000 — SAVED AT IAMS — \$1,000**

Key! what a rich graft these "SLICK STALLION SALESMEN" are working on the  
honest farmer, selling fourth rate stallions at \$2,000 to \$5,000. Iams sells "top  
notchers" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE  
SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION  
SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is  
worth going 2,000 miles to see. Iams makes his competitors "HOLLER." He is knocking  
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His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000  
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BREEDERS, pays no buyers, salesmen or interpreters, has no two to ten men to divide  
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higher), than are sold to Stock Companies at \$2,500 to \$5,000 by SLICK SALESMEN,  
or pay you \$100 for your trouble, you the judge. Iams pays horse's freight and buy-  
er's fare; gives 60 per cent breeding guarantee.  
Write for eye-opener and greatest horse catalog on earth.  
References: St. Paul State Bank, Citizens National Bank

**ST. PAUL, - NEBRASKA**



**PINE RIDGE STOCK FARM**

Has the biggest and best barn in the  
United States and it contains the  
**BIGGEST and BEST lot of**  
**Percheron and French Draft Horses.**  
The last chance to obtain a colt by HAMMON  
27238, as his last colts are now yearlings. Over  
150 head of horses showing more bone, size and  
quality than any similar number in America.  
TAVENNER P. 35719 and F. D. 12610 now at  
head of the stud. Prices below competition.  
Barn at Moose Jaw, Sask., Can., in  
charge of E. F. Muxey.  
**L. M. HARTLEY, SALEM, IOWA.**

**Rhea Bros., Arlington, Neb.**

**Breeders of Percheron Stallions.** We exhibited 11 stallions at late  
Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-  
olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on  
yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5  
places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on  
yearlings. Our horses are home bred and acclimated, have size, bone, qual-  
ity, are raised in pastures, not pampered with grain and drugs, thus insur-  
ing good service from the start. Every stallion sold under a positive breed-  
ing guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of  
Omaha, eight miles east of Fremont.



**M. L. AYERS - SHENANDOAH, IOWA.**

**PERCHERON HORSES**

**100 Stallions and Mares.** Big ton stallions and a fine selection of  
young two and three year-old home bred stallions, home bred and imported.  
The imported Brilliant bred stallion Blaine (36577) at head of stud. Thirty  
years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



**Percheron Stallions  
FOR SALE.**

**LORD TENNYSON** 48208, 2,200 lbs., Iron  
gray, one of the best horses in the west; four  
years old; measurements: girth, 7 ft., 11 inches; 17 1/2  
hands high; fore arm 24 inches; hind arm 25 inches.  
All right in every way. **BORDEAUX**, coming  
three, black, weight 1760 lbs., and an excellent colt.  
Also have a good Percheron filly for sale. Address,  
**J. S. COLDER, - SCRIBNER, NEB.**

**FOR SALE.  
Percheron, Clyde**

**Stallions and Mares**  
At prices all can buy.  
Also Short-Horn Cattle, Both Sexes.

Ask for Private Sale Catalog and see how  
genius offered to buyers.  
Stallions sold to companies, if desired.

**Address, A. H. BRETT,**  
Mason City, - Iowa



# In the Golden Prairie District of Southeastern Wyoming

Within one to six miles of railway station you can now buy at from \$8.00 to \$15.00 per acre on ten years' time, land equal in fertility and productiveness to the best in the central states.

**DO YOU ASK WHY, AT THIS LATE DAY, THIS LAND CAN BE HAD AT PRICES SO LOW?**

## The Question is Easily Answered

BECAUSE—Over thirty years ago the government gave the U. P. Railroad Company each alternate section of the land in a strip forty miles wide. Because—This being the best grassed, best watered section of the "eastern slope" ranchmen at once secured the railroad land, enclosing in their fenced pastures the alternating homestead sections, making it impossible for the homeseekers to locate there. Because—Only last year the government at Washington decided that the "little fellow," the man looking for a home, should have a chance, and all fences surrounding government land were ordered torn down. Because—This put the ranchman out of business, and threw open for settlement some 150,000 acres of choice homestead land, while we purchased the deeded lands, 10,000 acres of which we are improving and the remainder we are placing on the market.

## The Public Is Not Slow in Grasping a Good Thing

Although but limited advertising has been done, we have sold over 40,000 acres of the land in the past few months, nearly all of it to practical farmers. More than 300 homestead entries have been made, 61 of them in March and 100 in April. A settlement of German Lutherans has been established with headquarters at the new town of Luther, on the Union Pacific railway, 26 miles east of Cheyenne, the state capital.

## Luther Is Booming

A large two story building, almost completed, will be the home of the Luther State Bank, and the postoffice, with public hall above. The Hotel Ellis, a fine two story building, will be ready for occupancy by May 15th. A lumber yard is in operation, a sash and door factory has been secured, while a creamery, elevator and broom factory are soon to be added. The fertility of the surrounding country and the thrift and enterprise of her citizens, will soon make Luther the best town in that part of the West.



A Golden Prairie Outfield with School House in Distance. Photographed Sept. 22, 1906.

## A Present of a 160-Acre Farm

The opportunities offered in the Golden Prairie District are unequalled anywhere else in the world to day. Consider for a moment that on your purchasing 160 acres or more from us, we will locate you, free of charge, on an adjoining government homestead, of as choice land as the sun ever shone on. This virtually cuts the price of your land in two. Then, if you are buying as an investment, do not fail to note that these homesteads, being taken up and improved by farmers, insures a steady and rapid advance in the value of your purchase.

## We Do Not Simply Assert---We Prove

When the stockmen took possession of the Golden Prairie country they failed to entirely monopolize it. In the early '80's what is known as the Albin settlement was started in a township not fenced by the ranchmen. This settlement, composed chiefly of Swedish people, gained a foothold, and their remarkable success in farming on the prairie without irrigation is what induced us to invest in Golden Prairie land.

Following are some of the many testimonials we have received from these people. The signed originals are in our office, subject to your inspection.

## TESTIMONIALS

### Mr. Cunningham's Statement

Mr. J. W. Cunningham, of Albin, Wyoming, makes an interesting statement as to the amount of grain he thrashed during the past year. He has lived adjoining the Swedish settlement in Laramie county for twenty years and in addition to operating the thrashing machine during the past few years, he has made a success of farming. In Mr. Cunningham's letter, as in most of the others, the term "dry farming" is used. This is the ordinary expression used by the people in our section of the country to distinguish from irrigation, ordinary farming where rainfall is depended upon.

Albin, Wyoming, February 16, 1907.

Federal Land and Securities Co.,  
Des Moines, Iowa.

Gentlemen:—

Answering your inquiry will say I have lived here in Wyoming about twenty years. I have farmed every year during this time and have never had a failure of crops. Have run thrashing machine each season for the last four years. The first season I thrashed 50,000 bushels of grain, and have gradually increased until the season of 1906 I ended the season with a total of 135,000 bushels thrashed. All this crop was raised in my neighborhood by dry farming. Started my machine September 3d and closed the season January 1, 1907.

I own 640 acres of land, twenty horses, twenty cattle and thirty hogs. I raise all kinds of garden vegetables. Had last season one acre of potatoes that yielded 200 bushels, all dry farming.

Yours truly,

(Signed) W. J. CUNNINGHAM.

### Mr. Cox's Letter

Mr. John B. Cox is one of the best known farmers in the neighborhood north of Pine Bluffs. A visit to his farm will verify all the statements he makes in the following letter.

Pine Bluffs, Wyoming, February 14, 1907.

To the Federal Land and Securities Co.,  
Des Moines, Iowa.

Dear Sirs:—

Replying to your inquiry will say I settled on my homestead in February, 1889. Have been farming here ever since that time and raising cattle, hogs, horses, poultry, wheat, barley, oats, potatoes and some corn. Sowed three pounds of blue grass seed three years ago this spring. It has done well and I have a good blue grass sod. Sowed my first timothy seed (one acre) in the spring of 1902; had a good stand and have sowed each spring since until now I have twenty-five acres of good timothy meadow and am going to sow ten acres more this spring. I thrashed in 1906, forty-eight bushels of timothy seed and it yielded ten bushels per acre. Sowed in spring of 1906 two pounds of home grass seed and it is doing fine. Red clover is setting in my meadows more every year. Have raised all kinds of root crops to perfection. Have young orchard, gooseberries, red currants, raspberries, etc., all doing well. Corn yielding about forty bushels per acre, wheat thirty-five, oats sixty bushels, all dry farming. I own 960 acres of land and have been offered \$13.50 per acre cash for it, but my price is \$30.00 per acre and won't take any less.

Yours respectfully,

JOHN B. COX.

References: Publisher of this paper and Des Moines National Bank.

### Mr. Anderson's Statement

Albin, Laramie county, Wyoming, February 12, 1907.  
I settled in this county in 1887 on a homestead. I have been farming ever since that time on upland prairie without irrigation and have never had a total failure. Raise wheat, rye, oats, barley, millet, some corn, potatoes, pumpkins, squashes and all kinds of garden vegetables whenever I planted them. I own 1600 acres of land, 160 acres in cultivation. In 1906 raised 6,500 bushels of oats, 600 bushels of potatoes, 350 bushels of barley, 250 bushels of speltz. Own eighty head of horses, ninety cattle and twenty-four head of hogs. I made my start and am worth all I have from the beginning on my homestead.

(Signed) GUST ANDERSON.

### Mr. Malm's Statement

Pine Bluffs, Wyo., Feb. 13, 1907.  
I settled in Laramie county, Wyoming, in the year 1887, on the farm I now live on. I am living on the same old homestead. I have been farming every year since that time. I have raised wheat, oats, rye, millet, potatoes, pumpkins, squashes and all kinds of garden vegetables whenever I planted them WITHOUT A SINGLE FAILURE. I also have a young orchard set out and some forest trees and all are doing well. For the benefit of those who have been told that it is necessary to irrigate to raise anything, will say that my land is all upland prairie and I depend of course entirely on rain-fall to raise crops. I have 175 acres under cultivation. Raised in the year 1906, 600 bushels of fall wheat, 300 bushels of spring wheat, 3,300 bushels of oats, 500 bushels of speltz, 500 bushels of spring rye, twenty acres of corn. I have ten acres of fine alfalfa. I own a modern corn binder and am feeding corn in the fodder to my stock. I have made all I am worth living on the same old homestead, by sticking to my work. I own 350 cattle of all ages, twenty-five horses, 60 head of hogs. Borrowed the money I bought my first plow with.

(Signed) A. P. MALM.

Clip out and mail us this Coupon. We will at once send you sectional map of the land, plat of Luther townsite and interesting literature. It will pay you to act quickly.

THE FEDERAL LAND & SECURITIES CO.,

Des Moines, Iowa.

Gentlemen: Please send me at once, free of charge, sectional map and literature of the Golden Prairie District of Southern Wyoming.

NAME.....

ADDRESS.....

Acres wanted.....state if for home or investment and if free homestead is wanted:

Homestead, May 9, 1907.

**Federal Land & Securities Company, 210 Fifth St., Des Moines, Ia.**





VOL. LII. NO. 20.

DES MOINES, IOWA, MAY 16, 1907.

WHOLE NO. 2600

### DIFFICULT PROBLEM IN SWINE RAISING.

The following communication has been received from a subscriber at Westbrook, Minn.:

I had three brood sows running around all winter and they were bred to a registered boar. I did not feed these sows anything when the weather was good, but during bad weather I fed them a little ground barley, as slop. They run out in the corn stalks that were husked last fall after the cows run in them all winter, so there is not much corn left for the sows. They were not fat, but in good shape. These sows are now ten months old, and weigh 225 pounds. They had great difficulty at farrowing time, it being necessary for me to kill one. The other two farrowed the same day and it took me from six o'clock in the morning until eleven o'clock at night to get the pigs away from them. They each had six pigs and I only got three alive and one of these died the next day. One of the sows could not stand on her hind feet for a few days, but she is getting better now. Would it be all right to breed these sows again, or would I have the same trouble?

Considering the manner in which these sows are handled, it is an exceedingly difficult matter to diagnose the trouble. Barley is comparatively rich in flesh-forming constituents and when fed in the form of slop makes a good food for brood sows. Then again, the fact that these sows had the run of the stalk fields would furnish plenty of exercise—an important matter for sows with pig.

We suspect, however, that the trouble is due to the fact that only a comparatively small amount of barley was fed and that these sows got most of their living in the corn field where, of course, only corn was available. If they were largely brought through the winter on corn alone then it is not surprising that there should be difficulty at farrowing time; that the pigs should be weak, and that many of them should be dead. Corn does not contain the flesh-forming constituents nor the mineral matter to make a good ration for a brood sow, and no greater mistake can be made than to bring hogs through the gestation period largely on corn. When this is done they invariably go wrong at farrowing time, and while men commonly attribute it to bad luck, it is nevertheless a case where effect and cause are closely related.

An incident was recently called to our attention where an extensive Poland China breeder sold two sows to a neighbor two months before the sows were due to farrow. The seller had brought his sows through the winter largely on a mixture composed of three parts shorts, two parts bran, five parts ground corn and one part of oil meal. The sows were fed about all they would eat of this mixture twice a day, and in cold weather the slop was heated. In addition, they were given a little ear corn at noon. In the case of the first twenty sows that the owner kept not the slightest difficulty was experienced at farrowing time by a single sow, the little pigs were strong and the sows had plenty of milk, the result being that a splendid average was saved from the twenty sows. Not so in the case of the two sows sold to the neighbor. They were put on a ration of corn when taken to their new home and one of these sows died at farrowing time, while the other saved only three pigs.

This was a case where feeding methods had all to do with the success and with the failure, and it is just possible that the subscriber who submits the above inquiry has allowed his sows to get too much corn and not enough flesh-forming constituents.

We would not hesitate to breed these sows again for fall litters, because they

will in all probability run on grass during the summer and there will not be the same difficulty experienced at farrowing time during next August or September.

### THE QUACK GRASS PROBLEM.

A subscriber from Pomeroy, Iowa, sends the following inquiry:

I have a small field infested with quack grass and I notice that the plant is spreading. I shall consider it a favor if you will kindly give me the best method of exterminating this grass.

We can only give the general principles that must be employed in destroying quack grass. In the first place, this grass has a tough rooting system which lives over winter and which will stand a good deal of tearing up before it is destroyed.

Advantage should be taken of this fact, and labor should be spent rather on the surface than in going any considerable depth into the soil with implements and bringing the roots up. We have known the following method to work exceedingly well in many cases: Plow the sod in the late summer or fall and if the grass starts up in the fall after plowing, run the disk over it and thoroughly cut back all greenness. Do the same thing in the spring two or three times so as to absolutely prevent the grass from producing leaves. If this is kept up until about the first of June and such crops as millet, sorghum, kafir corn or rape seeded thickly at that time,

the chances are that the quack grass will be almost absolutely eradicated.

By the above method plants are weakened by the methods of cultivation employed in the spring months, and the crops mentioned come on so rapidly that the ground is shaded sufficiently to prevent the growth of the weakened grass plants, the result being that the sod begins to rot, thereby destroying all shallow as well as deep roots.

We have known instances where men have succeeded in ridding land of quack grass by plowing in the fall, keeping the surface cultivated in the spring and by planting corn late, so that corn cultivation could be kept up until well on in July. The only objection to this plan is that in case the precipitation should be heavy the chances are that it will be almost impossible to keep ahead of the pest, though if the weather is moderately dry this plan is often very effective.

### FORCING YOUNG PIGS ALONG.

There are two policies to be pursued in one's method of handling young pigs. One is the policy of light feeding and the other that of forcing the young pigs along rapidly before and after the weaning period.

Conditions under which hogs are raised vary so much that we are by no means dogmatic in our advocacy of either plan. Where it is the intention to carry hogs until they are fourteen or fifteen months old before they are

finished for market it is no doubt the wisest plan to let the sow and pigs have plenty of grass, and, in addition, feed a comparatively small grain ration. With this method of handling, the pigs will possibly not weigh over seventy or eighty pounds when they are six months old, so that it naturally requires a long finishing period when the first growth has been as slow as this.

By the other method the results are altogether different, because if one will feed a brood sow heavily while she is suckling her pigs and will go to the trouble to make a little creep for the young pigs after they are a month or six weeks old, and if a good rich slop is supplied to the sows and pigs until weaning time, the weights should run all the way from 125 to 175 pounds at six months. Under such circumstances there should be no difficulty in finishing pigs that have been handled in this way at a weight of 275 to 300 pounds by the time they are nine to ten months old.

What should determine which method ought to be followed? In the first place, where one expects to have his hogs follow steers and hogs are, as it were, a matter of secondary consideration, the light feeding plan might be the better of the two; but where hogs are the main issue, then we believe that heavy feeding from the start, or at least liberal feeding, will realize a man the most profit. We think that it will pay especially to be liberal in the use of feeds this year because there is nothing in sight to bear prices before the onslaught of the 1907 crop. Whether the marketing of that crop will do it or not remains to be seen, but we know of a number of keen swine breeders who are in the business on a pork basis who are planning to attain heavy weights as early as possible this year. Their idea is to get out from under their 1907 crop before the bulk of the marketing begins, and we are not sure but what their policy will be a wise one.

We have only to add that in any event where young pigs are fed grain it pays, and pays well, to use something besides corn. It may be ground oats or barley or mill feed, though of course an exceedingly good ration may be made up by using corn along with about one part of oil meal or tankage to nine or ten of the corn.

It is quite convenient, where a farmer wishes to be very exact, to know accurately the number of acres in the different fields. This information is not hard to secure. With a hundred-foot line two persons can soon get the dimensions, or one man with a light wheel of large diameter so equipped that it may be pushed ahead of him, can secure the same result by counting the revolutions of the wheel.

Of sixteen leading institutions of learning, the Kansas state agricultural college leads the list in the per cent of its women graduates who marry. It has been demonstrated by a professor that the number is nearly twice as many as its best competitor, Vassar College. The domestic science course of the Sunflower state should, in view of this information, soon be over-crowded.

While it is a splendid thing for the young pigs to get them on grass as soon as possible, it is better to keep them in the pens if the whole herd of sows and pigs must be turned together in order for them to get a daily taste of "greens." Stealing will become alto-



Blackbird 26th, the only world's fair champion cow of any breed to ever be offered at public sale. Will be sold by C. J. Martin, at Adasa, Iowa, in his sale, on May 28, 1907. See page 25 for his announcement and send for catalog of sale.



gether to common and one sow will be drawn down by pigs that are not her own. Too many of the young rascals turn prodigal.

#### Making Cement Posts.

To the Editor of The Homestead:

For cement line posts it is inconvenient and somewhat expensive to use any large gravel, consequently we use only sand and cement. The amount of cement needed to fill the voids in the sand is ascertained by filling any vessel of known quantity with dry sand, then pouring water slowly into the measure of sand until entirely filled. The amount of water added (by volume) is the amount of cement needed to fill the voids. It is well to add a trifle more cement than this test shows in order to be absolutely certain that all voids are filled as they must be to secure the best results.

If you find that your sand requires one-fourth cement, then take three buckets of sand to one bucket of cement which will be enough for an inexperienced hand to experiment with, spreading it evenly on the bottom of the mixing box; over this spread as evenly as possible your one bucket of cement. Mix dry with a hoe or shovel, as you may prefer, until the mass is an even color throughout and don't slight this part of the work. After thoroughly mixing dry, add water while turing the mass over. Add the water slowly in order that the cement may not be washed away from the particles of sand. When your mixture is about the consistency of thick slop you have it ready to put in place, and this should be done with as little delay as possible. Do not mix up more than you can get into place in half to three-quarters of an hour from the time of first applying the water.

Corner posts, being of a much larger cross section, are made usually of a richer mixture of sand and cement to which is added from three to five parts of broken stone or small gravel. This mixture is not made as wet as for the line posts, and is put in place and tramped at the line of each set of reinforcing wires and on the top or open side of the mold. Posts made at this season of the year will be in good fix for use next fall. Keep them shaded while green and do not move them in less than two weeks, and better if you can leave them sixty days before moving. The process of mixing for line posts which I have endeavored to describe is called the "slush" process and needs no tamping. Undoubtedly this method makes a stronger product than the dry tamp process. H. N. Macdonald.

Muscatine county, Iowa.

#### The Two Row Cultivator.

To the Editor of The Homestead:

In regard to the inquiry about the two-row cultivator I will state that I took one on trial in 1906 that was returned by a farmer who was unable to work it at all. After I used it half a day it worked fine and is no harder to work than the one-row cultivator. It is a great success on fall plowing and I think it is all right on stalk ground if the stalks are raked and burned. One man and three horses weighing about 1,200 pounds each do not have hard work to take care of from sixty-five to seventy acres of corn. C. De Witt.

Polk county, Iowa.

#### Alfalfa.

To the Editor of The Homestead:

I noticed a recent article in your paper on alfalfa, by Mr. H. D. Lute, of Nebraska, and this reminds me of my alfalfa that I have been going to write you about.

A great many people around here are of the opinion it will not do well in this section. In the spring of 1903, I sowed about two acres, by way of experiment, on sandy ground. The next day after sowing, the wind blew hard and rolled the greater part of the seed into the pasture, but what did stay came up fine and has been furnishing three crops of hay every season, but is so poor a stand that it is hard to tell how much hay I do get; besides there is more or less timothy and clover mixed with it, so this is not a fair test, but it has so thoroughly convinced me that alfalfa will grow and do well in this part of the country, that last fall I put in about four acres more for a hog pasture. This ground was heavily manured in the spring of 1904 and cropped every year up to last fall when it was plowed. The ground being so dry I was afraid to

sow it until we got some rain, but just as soon as it did rain, which was about the middle of September, I sowed broadcast about twenty pounds per acre, harrowing it in in good shape. It came up fine, wintered well and looks well now,—except where the chickens cleaned up the young plants last fall from about half an acre,—in fact as good as any young seeding I ever saw in Nebraska. I expect to sow more next fall, as I like it better than spring sowing.

Carroll county, Iowa. C. E. B.

#### A Renter's Method of Feeding Hogs.

To the Editor of The Homestead:

In one of the issues of your paper Mr. Furrows asks for a discussion on the hog feeding problem and I have been waiting for an answer, but so far have failed to see any. I will therefore give my method and experience in caring for and feeding hogs.

Almost every farmer or hog raiser has his own ideal in this regard. As a rule breeders of fine stock will use a great deal of shorts, oil meal and tankage, which are the best of feeds, but very costly and require the ready cash. The renter does not always have the ready cash, so he will commence feeding corn to the little pigs as soon as they will eat and keep it up until they are ten or eighteen months old, when, after a fashion, they are ready for market or dead from disease. Many do not realize that corn alone is injurious to the development of the growing pig.

At the present price of lard the hog is the most profitable animal on the farm, and we should use our best endeavors to develop him in as short a time as possible. I bring my hogs to a weight of 250 to 300 pounds with the feeds raised on the farm. I always raise barley, which I get ground and make into a slop as soon as the pigs are large enough to feed. It contains a great deal of milk and as the pigs become larger I soak the barley and let it start to sprout, when they will eat it with a relish and do well. I also raise the mangel or sugar beet which, with the exception of one weeding and thinning, is about as easy to raise as corn and produces a great deal more feed to the acre. I also feed raw potatoes as soon as they can be obtained in the fall. This is a good worm destroyer and easily digested. Personally, I know of a bunch of hogs where many of them were dying from what was supposed to be cholera and after feeding raw potatoes the sick ones all got well. These feeds can all be raised on the farm and require no cash outlay, and by adding some pumpkins and a little corn a hog will thrive and grow rapidly and at six or eight months old can very easily be made to weigh 250 to 300 pounds, and by only feeding a little corn to finish them off with. I claim that corn alone, either fed green in the early fall or after it is matured, is unhealthy and injurious to the best development of the growing pig and a great cause of the diseases among hogs. Much disease could be prevented by feeding mixed feeds which can be raised on the farm, giving only a full feed of corn during the finishing period.

Humboldt county, Ia. M. Olson.

#### Breaking Western Range Horses.

To the Editor of The Homestead:

I have broken several hundred head of range horses in the past nine years. With the exception of four or five head they have given entire satisfaction. The following is the method that I have found the most satisfactory:

I drive the bronco into a small, round corral and rope him by the neck, using a brass hondoo on the lariat. After the animal is caught I snub him up quite close to the corral fence, one man holding the end of the rope which can be turned loose in case of getting tangled up or choking to death, while another man throws another lariat around both front feet. It now requires two men to pull the front feet out from under the animal and thus throwing it. The man holding the snubbing rope turns it loose now and catches the horse by the lower jaw, standing back of its neck, and turns its head over backwards and holds it there, while the other man ties the lower hind leg between the front feet. Now a halter is put on and a three-quarter-inch rope tied around the neck. It is doubled up and stuck through the halter ring in the form of a loop. Two or three half hitches are

tied around the loop, and finally the end of the rope is passed through the loop. This can always be untied easily.

Another long three-quarter-inch rope is tied around the horse's neck where the collar rests, not tight, and drawn around the fetlock of the upper free hind leg, which is then drawn ahead within about one foot of the front legs. It is then wrapped once more around the pastern joint and passed to the collar around the neck, wrapping it half a dozen times around the tight rope to keep it on the foot, after which it is tied to the collar. The horse is now let up and the halter-breaking commences.

By pulling the horse's head towards me I commence to go closer and closer until I can reach out and put my hand on his nose, rubbing it gently and patting it, also talking to the horse at the same time in a kindly tone. The next step is to repeat the same thing on both sides of the neck and then all over, as far back as possible, even rubbing and handling the front legs, keeping this up until the horse gets tired and does not mind the touch of the human hand. Next, I take a stout stick about four feet long and tie a large piece of cloth to the end of it and rub this over his hind quarters, around his legs, everywhere and all over, keeping hold of the rope with one hand and keeping his head turned towards me all the time. In about an hour and a half I can generally catch the most of them by the tail and worry along behind them. If the leg is tied short enough so that they can only rest the toe occasionally, they cannot kick.

After this I pull him around sideways for awhile until he gives to the rope and then turn his foot loose. I never tie a leg up longer than two hours. I generally pull him around another hour and pat him, when the most of them will lead a few steps. I then tie up in a safe place for half a day and they are finally taught to lead up on a loose rope.

This seems a tedious way of halter-breaking, but it is by far the best. What a bronco learns when he is first handled he will never forget. One man can break three head per day this way. This rule I use for the average range horse. A natural kicker, or fighter, or "man eater" requires different treatment, which I cannot describe here for want of space. A horse's foot can also be tied up without throwing it, providing it is halter-broken and needs handling. I also jump on their backs and ride them with the foot tied up; they cannot hurt you only by falling. Next day I hitch them up, providing they lead well.

This requires a strong harness, one with a flexible pad is preferable, and a good wagon with a brake, and, last but not least, a gentle horse. If a bronco has been well handled when halter-broken it is no trouble to put the harness on by putting the bridle on first. I always tie the bronco to the hame ring of the old horse, quite short, then I buckle a strap with a ring in it around the pastern joint of the left front leg, tie a long rope in it and draw this through another ring fastened to the harness where the pad buckles into the hame tug. I coil this rope up and hang it on the hame.

Now I take another rope and tie into the halter. While one man leads the old horse to the wagon the other holds this last rope to keep the bronco from running around the old horse. (The neckyoke should be tied to the tongue and the brake set.) After getting the horses in position I take the last named rope backwards and tie it to the hind wheel above the brake block. The bronco is now tied to the old horse and also to the wagon. If he jumps over the tongue, the operation is repeated. One man holds the old horse now while the other hitches up first the old horse and then the bronco. This goes like clock-work where the two men are used to working together, and there is no show for the horses to get away.

When everything is hitched I gather up the lines and get on the wagon, while the assistant takes the foot rope and puts it in the wagon for ready use. Then he unties the wheel rope and jumps in (this last part is generally done quite swift), and catches the foot rope. By this time there is generally something doing and away we go. If the bronco is willing to go slow, all right; if he gets in a hurry and bucks too much, and kicks a trifle, the foot

## Don't Paint Your Buildings with Clay

Don't pay paint prices for a cunningly mixed paint substitute containing clay, water, chalk, benzine, etc. Its first cost is as much as real paint, and its real cost—its wearing cost—is five times greater.

## CARTER

Strictly Pure

## White Lead

is every atom paint, ready for you to add linseed oil and dryer. Makes more gallons of pure paint (any color), covers more surface and wears longer than any other lead or paint. Sold by reliable dealers everywhere.

Send for our booklet, "Pure Paint." Exposes the methods of selling worthless materials at paint prices, and tells you how to save money on your paint bill. Sent FREE, with six beautiful color schemes.

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CARTER WHITE LEAD CO., Chicago, Ill.  
Factories: Chicago—Omaha.

rope is pulled and thus he is forced to go it on three legs. He cannot hurt anything. If he stampedes I always drive in a circle, giving the bronco the outside. I always select a large field, meadow or pasture and drive them until the bronco gives up. They are driven twice daily.

As soon as they are bridle-wise and cut up no more capers, I venture into the road and near fences. I always drive a bronco on the left side first, and if they are bound to run every time they get their wind I just let them have their run out. The foot rope is a fine safety valve. If one watches right close he can generally pick their foot up before they can kick. A right woolly bronco requires a W. The foot rope fastens on the right side of the harness, passes through a ring on right foot, up through another on belly band, through ring on left foot and thence through ring on left side of harness.

Reynold Ziesman.  
Big Horn county, Wyo.

#### SIX POINTERS FOR DIP USERS.

Some of the good features of the well-known Cooper Dip are summed up in the following six points: The Cooper Dip is odorless and never kills the natural scent from ewe to lamb. Remember this when buying your sheep dip. It is possible to improve the condition of the growing fleece by the use of a good dip. The Cooper Dip possesses a splendid record throughout the world, as a wool tonic. One essential feature of dipping is to prevent a fresh attack. The Cooper Dip stands high in this respect. Insects cannot live on Cooper-dipped sheep. In South America and South Africa government tests have brought to light the superior efficiency of Cooper Dip for ticks, lice and mange in cattle and horses when used at the same strength as for sheep, and without the least damage to the animal. The Cooper Dip continues to advance in the estimation of sheepmen everywhere, and its use on 250 millions yearly is a positive proof of its high merit. The Cooper Dip has stood hundreds of official tests in the last sixty-five years and its quality has never yet been questioned. If your dealer can't supply you with this dip send to Des Moines Drug Co., Des Moines, Iowa, or the nearest point for distribution as advertised on page 20. Mention The Homestead when you write.

#### A LIFE PARTNER—HOWE SCALES.

Did you ever stop to think of the value a good record in business was? Did it ever occur to you that a record of sixty years of scale making was an asset worth thousands and thousands of dollars to the makers of the Howe scales? This fact means more to you than you ever dreamed, no doubt, if the thought has never occurred to you before. With all the improvement in the making of farm scales there is plenty of opportunity for a farmer to get a poor scale palmed off on him. If you intend to buy a farm scale why not buy one that will last for a lifetime? You can do it if you take a Howe scale home with you. The fact that a single scales of this make is to be found in use frequently for forty years proves the statement. All the modern improvements are embodied in the Howe make. If you want to post yourself on farm scales so that you may be able to tell the difference between a good and a poor scales, write the Howe Scale Co., of Ill., 1321 Wabash Ave., Chicago. See page 4.



## Farm Furrows

Turned by a Practical Farmer.

Some cows have great ability—for landing a man in the gutter.

A loose rein and flopping breeching make the best horse look second class.

Many states are introducing the wild pheasant and it is said to be a popular idea, as the bird is a voracious insect catcher.

Send a green man after a load of sand or brick and you can depend upon it if he gets back he will have enough for about two loads.

The building of a modern house is no small undertaking and it is well to begin to study plans before the carpenter and his tool kit alight. People who leave their thinking to do afterwards commingle it with more or less regret.

It is well worth while now and then to replace old gates with good strong ones made from new lumber. It takes no more time to make a gate from new material than it does from old stuff. Stock seem to have more respect for a gate made of sound new boards.

Some people claim that hogs root because they crave something which their food does not furnish. That something is, no doubt, the rooting feature. Rooting is as much of a habit with the hog as the burying of food is with a house dog that has never known hunger.

If the price of lumber, wire fencing, implements and building materials are to remain at their present price it is no more than just that all meats hold close to the seven cent mark. It may be, too, that there is a general reciprocation of prices between farm and factory products.

The number of farm papers that are dumped into the mail box of some farmers should afford an excellent opportunity for practicing a bit of careful selection. One acquaintance of mine receives no less than ten farm weeklies. All are more or less black or white and a few are read.

It is said that of all brutes man loves the dog the best. He may exuberantly plant his forepaws on a man's white shirt bosom or romp on the pink sofa in the parlor. He may plant a ham at sixteen cents a pound in the middle of the most precious pansy bed and meet the family with the most innocent grin.

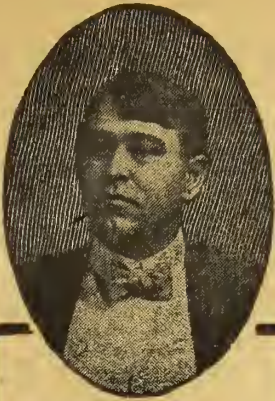


### WAGON SENSE

Don't break your back and kill your horses with a high wheel wagon. For comfort's sake get an

#### Electric Handy Wagon.

It will save you time and money. A set of Electric Steel Wheels will make your old wagon new at small cost. Write for catalogue. It is free. ELECTRIC WHEEL CO., Box 43, Quincy, Ill.



### This is Huttig

Yes, sir, — I can afford to stand back of my roofing because, it stands back of me, and makes my word good as gold. I want you to read every word of this advertisement. I wrote it myself, and you can take it from me that whatever Huttig tells you about roofing is so.

*H. W. Huttig*

President Huttig Manufacturing Co., 707 East Second St., Muscatine, Ia.

## I Stand back of Huttig's Rubber Roofing

With a Written and Personally Signed, Legally Binding Guarantee

MY roofing,—known far and wide as HUTTIG'S RUBBER ROOFING—is a "money-back" roofing in FACT as well as in NAME. I give you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt. That's why! That's the secret of my success with roofing.

Asphalt comes from the famous Asphalt Lake in the Island of Trinidad. About 100,000 tons are brought to this country every year, and a large part of this is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad Asphalt, which protects every particle of the fiber.

Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

Other rubber roofings, which have to de-

pend on Texas and California Asphalts (products of petroleum oil), crack in the winter and "run" in summer.

Test it for yourself. Send for sample of HUTTIG'S RUBBER ROOFING and the others; then do this—Get a small quantity of sulphuric acid from your druggist. Put in the sample of HUTTIG'S and the other roofings. Let 'em soak for 24 hours, and note results.

Remember, that the very gases that constitute sulphuric acid are found in the atmosphere, and it is their chemical action that causes roofings to decay.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc., to lay it.

It can be laid on a flat or sloping roof, across or with the slant of the roof; or on the sides of a building it makes an excellent storm protection.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap.

Now, here's how I feel about it. If you have use for roofing this season, you want the best, which is the cheapest in the long run.

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you Booklet B, and special Iron-clad Roofing Guarantee. Write me personally, and do it to-day.

Travelers may be so annoyed at his sudden flurries as to swear enmity to his owner, and yet a man will pay fifty cents to have the regime continued another year.

Unusual watch should be kept on the smoke-house during the smoking of meat, especially if the structure is a frame one near other buildings. Apprehensive of the great disturbance which a little fire may kindle, the cement or brick smoke-house should stand in high favor on the farm.

No matter how trusty one may think his horses are it is running too much of a risk to allow them to stand in the field when hitched to some implement that will surely main some one of the number in case of a runaway. It is very easy to get careless about such things on the farm.

A grove of deciduous trees may be replaced eventually with evergreens by cutting out several rows at a time and re-planting with the conifers. The

ground should be cleared by fall, then broken and allowed to mellow up until spring. The natural shade of the grove is much to the advantage of the young evergreens.

The conservative, thoughtful citizen cannot fail to be shocked at the apparent rivalry which seems current for the perpetrating of hideous and unheard of crimes. Farm communities are no exception in these days and the sensitive mind shrinks from the daily report of wickedness.

Rural mail carriers have cause to be exuberant over the raise in wages which will take place July 1st. Some will need additions to their bill books, no doubt, to make room for the 9 to 25 per cent increase to be granted. The carrier that can count twenty-five mile-stones along his route will draw \$900 a year.

The orchard should by all means have a cover crop to prevent the evaporation of moisture that takes place in spring

and fall as well as during hot weather. Gardening the young orchard is quite satisfactory, though a trifle inconvenient. For the mature orchard there are plenty of forage crops, grasses and legumes to suit any condition.

Peculiar things happen down in Kentucky and recently a farmer's barn came rolling down hill toward a passing freight train. The engineer in his excitement actually hit the barn, impeding its progress with the caboose which had been suddenly evacuated. Both suffered. Now can the barn owner claim neglect on the part of the railroad?

To rise in the morning after the recent rainstorm and find the apple blossoms weighted with snow and icicles was a sight that might have been more beautiful had it not been so serious. Such an extraordinary and incompatible relation is not very encouraging to the lover of fruit; still one should not complain at flowery winter weather.

A flat roofed building covered with roofing paper can be built for considerably less money than where the gable roof is the design. With the exception of the barn the flat roof would probably be very satisfactory. As regards the looks the gable roof would be, no doubt, the best in general appearance, yet I have seen large stock barns with flat or rounded roofs that did not offend the taste in the least.

#### ABSORBINE.

Filled tendons, big knee and thickened tissues make a trainer and owner uneasy. I have found the following treatment works very satisfactorily in some cases that did not respond to other treatment as fast as desirable, and would suggest that you try it for your case. Rub in the Absorbine thoroughly, pinching and working the thickening back and forth, massaging it for a number of minutes so as to get the Absorbine in deeper, which will disintegrate, soften up, and absorb faster. Make a clay paste by softening up some good clay with one ounce glycerine and 16 ounces water, to about the thickness of vaseline, and at night after you have worked in the Absorbine, spread the clay paste all over and around the leg or bruised tissues. In the morning you can brush out the dry clay and rub in the Absorbine without covering. This clay bandage over the Absorbine will cause an internal sweat that will soften up, force a deeper circulation, and draw out any inflammation that may be present. Absorbine can be purchased from regular dealers or will be sent charges prepaid upon receipt of \$2.00 by the manufacturer, W. F. Young, P. O. F., 40 Monmouth St., Springfield, Mass.

## CAN DAN PATCH PACE A MILE IN 1:54?

HIS TRAINER SAYS DAN WILL ASTONISH THE WORLD IN 1907.



CRESCEUS 2:02 1/4

DAN PATCH 1:55

This Beautiful Picture  
In 6 Brilliant Colors  
Mailed to You Free.

A MARVELOUS PICTURE OF TWO WORLD CHAMPIONS.

Dan Patch 1:55, The Pacing King,  
Cresceus 2:02 1/4, The Trotting King.

We have Large Colored Lithographs of our World Famous Champion Stallions, Dan Patch 1:55 and Cresceus 2:02 1/4, in an Exciting Speed Contest. It is 16 by 21 inches and shows both horses as life-like as if you saw them racing. You can have one of these Large and Beautiful Colored Pictures of the Two Most Valuable Harness Horse Stallions and Champions of the World, Absolutely Free. We Prepay Postage.

1st. Name the paper in which you saw this offer.  
2nd. State how much livestock you own.

INTERNATIONAL STOCK FOOD CO.,  
MINNEAPOLIS, MINN., U. S. A.

### THE WORLD'S MOST FAMOUS HARNESS HORSE FARM.

International Stock Food Farm of seven hundred acres, owned by M. W. Savage, is generally acknowledged to be the most famous harness horse farm in the world because it owns the Four World Champion Stallions, Dan Patch 1:55, Champion Pacer and Fastest Harness Horse in the world; Cresceus 2:02 1/4, the champion trotting stallion of the world; Arion 2:01 1/4, the champion 2 and 3-year-old trotting stallion to high wheel sulky; Directum 2:05 1/4, the champion 4-year-old trotting stallion. Also Roy Wilkes 2:06 1/4, the first stallion to beat 2:10 and world's champion for four years. All of these stallions and the one hundred brood mares and their colts are fed "International Stock Food" every day. You are especially invited to visit this farm at Savage, 10 miles from Minneapolis, and see the every day, practical results of feeding "International Stock Food." 25 Cents for One Cent. We always welcome visitors.



## THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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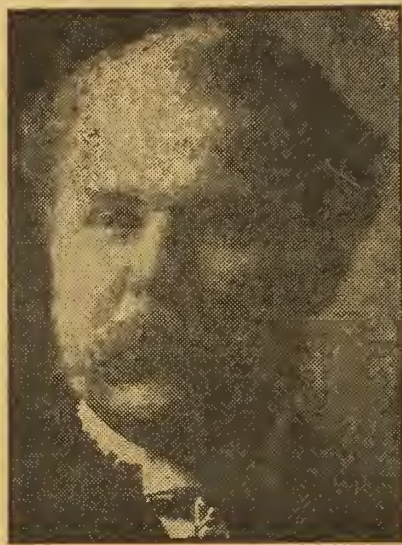
### NEW DEAN OF WISCONSIN COLLEGE OF AGRICULTURE.

Most of our readers are aware of the fact that Prof. W. A. Henry, dean of the Wisconsin College of Agriculture, was obliged to resign his position some time ago, to take effect July 1st, on account of ill health. Since tendering his resignation there has been considerable speculation regarding the choice of his successor. The names of many excellent men have been mentioned, but the board of regents recently found what they think to be the right man on the faculty of the great institution at Madison.

The board selected Prof. H. L. Russell, a graduate of the institution and for fourteen years an honored member of the

faculty as professor of bacteriology. When Prof. Russell began his work at the Wisconsin institution in 1893 bacteriology was a comparatively new science, and his work since that date has not only brought fame to himself but wealth to the state of Wisconsin. He has had largely to do with the framing of laws for the stamping out of tuberculosis. In the past two years alone he has conducted 10,000 voluntary tests in Wisconsin herds, and his methods for, eradicating this much-dreaded disease are receiving strong support by the Wisconsin legislature.

In addition to his work connected with the stamping out of tuberculosis, he has been a co-worker with Dr. Babcock



H. L. RUSSELL.

in solving problems affecting the cheese industry, as well as those relating to the pasteurization of milk and cream.

Although Professor Russell's work has had to do with the digging out of fundamental scientific principles, yet at the same time the outcome of all his investigations have been intensely practical, so that the farmers of the state of Wisconsin are more and more pinning their faith to the principles that Dr. Russell finds adapted to their practices.

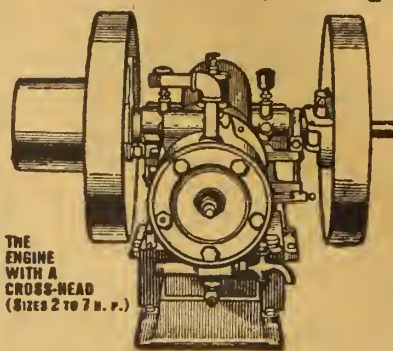
It is no small honor to succeed a man like Professor Henry, and no doubt the board of regents felt the responsibility of picking a successor of high attainments. In choosing Dr. Russell the board seems to have met the responsibilities of the selection wisely, so that the work so well begun by Professor Henry will be carried forward without interruption.

### STAMPING OUT TUBERCULOSIS IN CATTLE.

No doubt to most of our readers tuberculosis in cattle is becoming a hackneyed subject. This should not be the case until the herds of America have been freed from this deadly disease—deadly to cattle and to the human race.

While there is some difference of opinion as to whether bovine tuberculosis is communicated to man or not, the pre-

## Trustworthy Help



is a gasoline engine that can be trusted to run hour in and hour out, day in and day out, winter and summer, with very little attention. This trustworthiness you find in the

## ELI Two Cycle GASOLENE ENGINE

This engine has no complicated cams, levers, valves, pivots to wear and stop the work on hand—no compression in the crank chamber to leak and cause trouble. Forty-four successful years of progressive business are back of it as our guarantee. Isn't this the engine you are looking for? And we sell it direct to you—the man behind the dollar. Send for our free catalog and investigate for yourself. You cannot afford to pay for your dealer's mistakes.

Moline Pump Company, (Established 1863) 303 Twentieth Street, Moline, Illinois

Also manufacture "Illinois" 20 h. p. runabouts, "Kid Auto" children's hand cars, iron pumps, marine motors, etc.

Our 991 Enthusiastic Iowa Users to Date Are Our Best Advertisement

WRITE FOR SAMPLES AND PRICES ON

## ROOFING

FROM 50 CENTS TO \$4.25 PER SQUARE.

Ready for immediate shipment. TAR, RUBBER, STEEL, flat, corrugated, ceiling and siding. Send for free catalog on pipe, plumbing and building material. Address:

ST. LOUIS WRECKING & SUPPLY CO., 3667 MANCHESTER AVE., ST. LOUIS.

## Traction Engines For Sale.

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

THE O. S. KELLY MFG. CO.,

IOWA CITY, IOWA.

### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

THIS machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE.

Blandineville, Illinois

## The GALLOWAY Cream Separator



Direct From My Factory to Your Farm. Get My Prices Before You Buy. Get My Catalog.

I have been told there are a lot of farmers who would own a cream separator if they could get one at a reasonable price.

I am looking for those farmers. I will give any farmer that chance and take all the risk of my separator pleasing him.

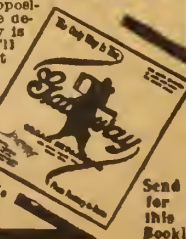
I'll send it out on my free trial plan and am going to give the first farmer in every section who buys my separator a chance to take advantage of my new and very successful proposition which will help him pay for his machine. Requires no work and only a few minutes' time. Write me for my booklet and proposition before you think of buying of any other manufacturer. Remember you get my very low price and my \$25,000.00 bond at the same time.

WILLIAM GALLOWAY  
A Farmer Business Man,  
and President of  
The Wm. Galloway Co.

### I Want One Million Farmers To Get My SPECIAL PROPOSITION

When it comes to the machine the Galloway has all the good points you will find in any separator made—and a lot of its own besides. Prove this for yourself. Let me send you my separator on a ten days' trial on my free trial plan. My special proposition and free trial plan make you the most liberal offer possible. I hope you will appreciate this enough to send for my catalog to day. My first letter will explain my whole proposition to you. My catalog will give you my selling plan in full and a complete description of the separator. It will say something besides telling you the Galloway is the closest skimmer and easiest operated machine made. They all claim that. I'll go ahead and prove it and I'll also let you prove this for yourself. Remember that always. You are to be the final judge of the Galloway. It won't cost you a cent, if the machine isn't all I claim for it. It's so simple in construction, so well made and adjustable that you'll think as I do that you ought to have one. Now, of course, when it comes to telling you all about my separator which I am selling direct to you, I must ask you to send for my catalog. It will give you all you want to know. My catalog is my only salesman and one that will save you a lot of money. Send for it. Just drop me a postal and say, "Please send me your booklet and your special proposition by return mail."

William Galloway, Pres. The William Galloway Company,  
103 Jefferson St., Waterloo, Iowa.



Send for this Booklet

ponderance of evidence seems to indicate that it is, and so long as the matter is in dispute we think that it is wise for men to assume that the disease in man and in the bovine is one and the same thing. The scientist, von Behring, who discovered the anti-toxin for lock-jaw and diphtheria, seems to have demonstrated that milk from tuberculous cows is one of the chief sources of tuberculosis in the human, and a few days ago he discovered a bacillus or germ which, when injected into the veins of a healthy calf once at three weeks and again at three months, will prevent it from contracting tuberculosis thereafter. If the calf so treated is not fed milk containing the germs of tuberculosis and is kept away from a diseased herd and out of infected places for one year, it is then immune and will not contract the disease even if placed in infected quarters.

That such a discovery has been made at all may be new to many of our readers, and yet in Germany and Prussia something like 70,000 cattle have been treated in the manner described above during the last four years, and the result of this treatment seems to prove beyond the shadow of a doubt that the animals treated become immune. Similar results have been obtained in Belgium, Japan and France, and some work has been done in America, notably in the state of Wisconsin and in Minnesota. We believe when such an eminent scientist as von Behring is sustained by the record of tens of thousands of cases of animals being rendered immune by his treatment that it is time for either the federal government or state legislatures to recognize the merit of the treatment in order that some measures might be taken in every state to at least test the method, and therefore, without further delay, make a beginning in stamping out this deadly disease.

We advise action, not so much because it means the saving of the herds of this country that are now infected, but, rather, because it means so much to the human family, as the evidence is sufficient on one side of the question to confirm us in our opinion that tuberculosis is transmitted from the bovine to the human through the medium of milk. If it can be stamped out of the herds, who can say but what in the very near future the disease will disappear altogether.

40 ACRE FARM, TWO PLANOS, A CITY BUILDING LOT, A TWO-SEATED BUGGY AND \$320.00 CASH. ALL TO BE GIVEN AWAY.

Read the advertisement of Successful Agriculture, of St. Paul, Minn., on page 17. The

When you begin a day's work, if you are not confident all hands are going to stick it out from sun-up to sun-down you start with a worry. Each day has just so many hours for work and if one is spent hunting assistance, urging a laggard, or nursing a weakening, something important is neglected and you—the paymaster—are the loser. This rule applies to all help—men, animals and machinery. Especially the latter. If your machinery goes wrong, you stop, your men stop, your horses have to go for repairs—result, a day lost for everybody.

When you want water pumped, feed ground, wood sawed, etc., you want it. You can never depend on the wind—horse power and hand power are both unsatisfactory and expensive. The ideal power is always illustrated with beautiful photograph cuts of farm scenes.

They are advertising to give away several fine prizes, the best one being a forty acre farm in northern Minnesota. Think of getting a farm like this for sending only fifty cents or one dollar for subscription to Successful Agriculture. There is no reason why one of our readers should not be the fortunate one; besides, there are other valuable prizes to be given away and if you don't get first prize you stand a good chance of getting one of the others.

In their last contest, over 1,600 prizes were distributed. One subscriber received a forty acre farm for fifty cents and another subscriber received one for one dollar.

This contest is in the hands of such well known men as Henry A. Castle, Ex-Postmaster, St. Paul, Minn., and Ex-Auditor U. S. Postal Dept., Washington, D. C., Judge J. R. Blackwell, St. Paul, Minn., and Frank D. Lovering, Asst. U. S. Nat'l Bank Examiner. These men will act as judges and you are assured of absolutely fair treatment.

We advise every one of our readers to look up the advertisement as we consider this an exceptional opportunity for someone to get some one of these valuable free prizes.

### BLACK PRAIRIE CORN LANDS.

There is at this time an unprecedented demand for corn land. The southwestern boom is over, and it has educated buyers to the value of land in the corn belt. The almost prohibitory price of land in central Illinois and Iowa is driving the careful investor to northwest Missouri, in the famous Grand River Valley, near Chillicothe, Mo., the ardent soil yields the largest returns to be found on the continent. Corn is king of crops, and one hundred bushels per acre excites no comment. Developments in this famous valley are now going on. Mr. Bazal J. Meek, of Chillicothe, will answer all inquiries relating in any way to the district mentioned. These lands with a black soil six feet deep are selling at from \$48 to \$68 per acre. These lands rent as follows: Half the corn in crib, half the wheat or oats at machine, half the hay in stack. This is the rule long established. The price of these lands will go steadily upward. On account of its immense productivity this land will soon reach the \$200 mark. The location of these lands will also tend to make them go higher, as Chillicothe is only eighty-five miles from Kansas City, and sixty-five miles from St. Joseph, in the northwest part of the state. The rarest land on earth is corn land. Corn cannot be raised with profit south of the thirty-eighth parallel or north of the forty-sixth. Look at the map. One of the best posted men in the United States a few days ago asserted that the price of corn must soon pass the price of wheat. Corn lands in Illinois and Iowa have already gone to the \$200 note and may go higher. Chillicothe is a city of 10,000 people, with paved streets, electric lights, fine schools and three great trunk lines of railroad. Near Chillicothe Mr. Bazal J. Meek, of Chillicothe is developing a drainage district which is destined to become the richest spot in the great state of Missouri. Many Illinois and Iowa men have invested. These men know a good soil. After traveling everywhere they are buying in Livingston county, Mo. The climate, the water, the soil, the fruit and the people make it a spot to live in. In the district near Chillicothe is the simplest drainage proposition to be found anywhere.



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### AUCTIONEER—LICENSE.

Mr. W. H. Maris, Spring Hill, Kan.—Can a person without a license lawfully act as an auctioneer at a public sale in the country in Kansas?

Answer.—There is no law to prevent it.

#### LIFE OF JUDGMENT.

A Subscriber, Mills County, Iowa.—One P obtained a judgment against M in Iowa, eleven years ago. Is the judgment outlawed?

Answer.—If the judgment was in a justice's court, it is outlawed, because ten years is the limitation. In courts of record twenty years' time is the limitation, hence if the judgment was in a court of record, it is not outlawed.

#### LOST PROMISSORY NOTE.

Mr. J. B. Grayson, Moline, Iowa.—A made his promissory note payable to B, who lives in Austria-Hungary. A enclosed the note in a letter addressed to B in Austria-Hungary Monarchy. The letter was lost on its way. Can the finder enforce payment of the note against A?

Answer.—He cannot. The finder could not enforce the note without endorsement or assignment by B, transferring the note and the debt it represented to him.

#### MECHANICS' LIENS—KANSAS.

A Subscriber, Hurley, Kan.—I worked under a sub-contractor for wages, on a new railroad which was constructed in this vicinity last fall. My last day's work was January 18, 1907, and I have not been paid for the last month I worked. (1) Can I file and enforce a mechanic's lien for my unpaid wages? (2) What time is allowed for filing a lien after the last work? Give main points?

Answer.—(1) You cannot. (2) Sixty days. It would require too much space to print the main points of the mechanics' lien law in Kansas.

#### DAMAGES BASED ON NEGLIGENCE.

A Subscriber, Hopeville, Iowa.—A owns eighty acres of land, and an adjoining eighty acres is owned by B. A creek runs through both tracts. In case logs or other things are washed from A's land and lodged upon B's land, can B compel A to remove them?

Answer.—If the logs or things are lodged upon B's land by reason of A's negligence, B can recover damages from A, but cannot compel him to remove them. If, in fact, no negligence can be charged against A, as to the occurrence, B is without legal remedy.

#### INHERITANCE IN ILLINOIS.

A Subscriber, Wenona, Illinois.—When a man dies without making a will, leaving a wife, and brothers and sisters, but no children, who is entitled to his estate according to the law of Illinois?

Answer.—One half of the real estate and all of the personal property goes to the widow. The other half goes to the brothers and sisters, share and share alike, unless the parents of the deceased be living; in which case they share with the brothers and sisters, each being entitled to a child's part.

#### HOMESTEAD—WIDOW.

A Subscriber, Royal, Neb.—A filed a homestead, and died two years afterward. B, his widow, proved up on the homestead at the expiration of the five years in her own name. (1) Had she a lawful right to prove up in her own name alone, having at the time one son, who was also the son of A? (2) What right if any has this son to the land? (3) Can B sell the land and give a good and clear title to it without the son joining in the deed?

Answer.—(1) The widow had a right to complete the homestead entry, and prove up in her own name, and receive the patent. (2) None whatever while his mother lives. (3) She can.

#### RIGHT IN PUBLIC ROAD.

A Subscriber, Harlan, Iowa.—A's land is on the north side of the public road, B's land is directly opposite, on the south side of the road. B wanted to buy a half acre of land from A, in the shape of a strip along the north side of the road on which to plant trees. A refused to sell such strip. Then B plowed a strip in the roadway on the north edge of it eighty rods long, and intends to plant trees on it this spring. (1) Has A a legal right to plant trees on said strip? (2) Can anyone give him the right to do so?

Answer.—(1) If the partition line between the farms of A and B runs along the northern line of the road, then B has a right to plow the strip and plant trees on it, unless prevented by the road

authorities; but if the partition line between the farms runs in the middle of the road, then B has no right to plow the strip or plant the trees, and A can prevent him from doing so, by injunction. This is so because the public does not own a public road, but only has the right to use it. Subject to such use the land belongs to the owner of the ground from which it was taken. (2) If the line is in the middle of the road nobody but A can give B the right to plow the strip and plant the trees.

#### HOG DEAL.

Mr. Albert Von Bergen, Peterburg, Neb.—I had a sow and pigs which I priced to a man at a certain sum when he looked at them, and before he left we agreed upon a somewhat less price. A few days later he told me to bring him the sow and pigs at the price we had agreed on. I delivered the sow and pigs at his place to his hired man, who said he was not at home. About three weeks later I demanded the price, and he would not pay it. He said all the pigs except one had died, and he had lost all his other young pigs. I offered to take the sow back, but he refused. He fattened her and sold her, and refuses to pay me. What can I do about it?

Answer.—Sue him before a justice of the peace for the price agreed upon.

#### HUSBAND AND WIFE—HEIRS.

A Subscriber, West Union, Iowa.—A was married twice. The father of his first wife, gave her some money during the eight years of her married life. She then died leaving several children. When they become of age can they compel their father to pay them the said money, there being no will or papers concerning it? (2) A man was twice married. The children of his first wife have money coming to them from their mother's side. In case one of the children should die before it becomes of age, who is entitled by law to that child's share?

Answer.—(1) If the wife's money was not kept separate by her during her lifetime and used and considered as her separate property, then the children cannot compel the father to account for it, otherwise they can. (2) Its father is entitled to its share.

#### LIFE ESTATE—WASTE.

A Subscriber, Mount Pleasant, Iowa.—A man having no children, died leaving a will by which he gave his wife the use of his farm during her natural life, and at her death it was to go to his brothers and sisters. The widow has given her tenant who occupies the farm, the privilege of cutting brush in the pasture and other trees that she wishes to have removed. Can the brothers and sisters of the deceased, prevent the tenant from cutting said brush and trees, or recover damages on account of such cutting?

Answer.—They cannot prevent the cutting of brush in the pasture, nor recover damages therefor. If the cutting of trees is not done for the clearing or improvement of the land, but for sale or gain, then the brothers and sisters can prevent it by suing out a writ of injunction, and also recover damages.

#### TAX SALE—REDEMPTION.

A Reader, Walford, Iowa.—I hold a mortgage on a piece of land in Kansas, which has been sold for taxes. (1) How long a time is required before the purchaser at tax sale can obtain a tax deed? (2) What kind of a notice must be given before the tax deed can be made? (3) Can I redeem the land at any time before a tax deed is made?

Answer.—(1) Three years from the date of sale, if not redeemed. (2) At least four months before the expiration of the time for redemption, the county treasurer must publish a list of all unredeemed lands, with notice that unless they be redeemed before the time expires, they will be conveyed to the purchasers. This list and notice must be published once a week for four weeks in some paper of general circulation in the county, and publication must be complete four months before the time of redemption expires. (3) You can.

#### RIGHT OF WAY—CONDEMNATION.

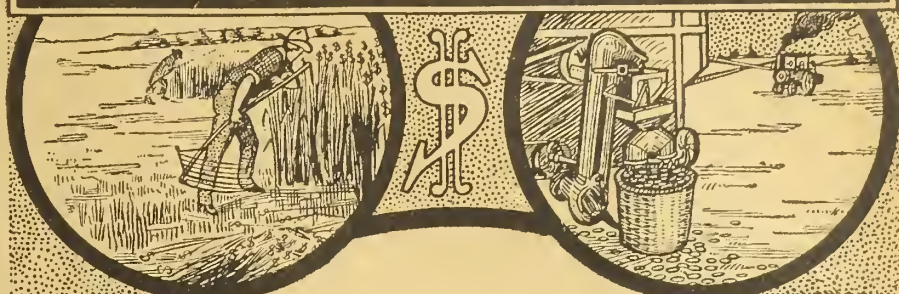
A Subscriber, Alpha, Ill.—A railroad company is surveying many lines through my farm with the purpose of fixing upon a right of way for its road. It is not willing to pay me what the right of way is reasonably worth. The railroad and I cannot agree as to the sum it ought to pay for the right of way. In such a case what are the necessary legal steps, and how is the value of the right of way determined?

Answer.—When the land owner and the railroad company cannot agree as to the compensation to be paid for right of way, the law provides for the following proceedings, viz.: The railroad company must file a petition with the clerk of the circuit or county court, for condemnation. The clerk there summons jurymen, a jury is empaneled, selected and sworn, and goes on the land and views the premises and makes a written report to the court, and the court finally enters judgment for the amount, time of payment, entry, etc. Either party may appeal to the supreme court.

#### LIABILITY ON LEASE.

A Reader, Eldridge, Okla.—A has a homestead on which he has made final proof. He wished to return to his former home in Missouri for a time, and he rented the place to B for the term of three years, B to furnish all material to keep up all fences, and all other improvements thereon, in as good shape

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The harvest of dollars is on in Southern Alberta, and the man who gets in during the next few months is the man who is going to reap his share of the harvest.

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It is a fine trip through Alberta and Western Canada, and we are glad to have people come and see the country, because when they come they fall in love with it and stay right here. Send us your name and address and let us tell you how to make the trip at very small cost, and how to get a piece of this fertile land at a price so low it will surprise you, and on terms so easy that any man can own a farm.

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9

as they were at the beginning of the term, and to pay all taxes and to break twenty acres of sod, and extend the field fence to enclose all plowed land in one field; and furnish all posts, wire and staples necessary to complete and maintain all fences on the place; and in the lease is this further clause: "When all things mentioned in this contract have been complied with, and the place returned to A in good order, then this contract shall be null and void." In case B should let the fences go down, and fail to pay all taxes, can A hold him liable therefor after the time of the lease has expired?

Answer.—A could hold B liable after the expiration of the lease. He could sue him and recover a judgment for whatever damages he could prove resulted from the failure of B to keep the fences in repair, and for his failure to pay taxes.

#### COMPENSATION OF TOWNSHIP CLERK.

A Subscriber, Monroe, Iowa.—The board of supervisors refuses to pay township clerks for money handled by them, because Section 1538 of the Code was amended leaving out the words, "The township clerk shall receive two per cent of all money coming into his hands and paid out for road purposes." Sec. 591 says, "for all money coming into his hands by virtue of his office, five per cent, unless otherwise provided by law. I contend that township clerks can recover compensation according to Sec. 591, because the law does not provide any other way. Who is right, and what compensation is a township clerk entitled to for handling road funds—and other funds?

Answer.—We believe that your contention is correct. It may be that the legislature of 1906, in amending section 1538 of the code, intended to abolish all compensation for the clerk in handling road funds, but the amendment does not seem to us to have that effect, because as you say, section 591 still remains in force. Therefore it is our opinion that the township clerk is by law entitled to five per cent of all money he handles as clerk, whether it be road funds or other funds.

#### STRAY LAND—TAXATION.

A Subscriber, Minong, Wis.—Near my home there is a piece of land that seems to have no owner. It was once part of a railroad land grant, but the railroad company failed, and sold out to another company, and in the transfer it did not deed this land. Parties have tried to homestead the land, and tried to buy it from the state, and from the railroad company, but they all say they do not own it. It has never been assessed for taxation. (1) How can I obtain a good title to the land? (2) Is there any way to get the land on the tax roll? (3) Could I simply take possession of it and improve it, and thereby hold it by adverse possession?

Answer.—(1) If nobody owns the land, it would be difficult to find anybody who could transfer to you a good title. If possible get a quit claim deed from the first named railroad company, and then

take possession of the land and hold it either by yourself, or by a tenant. After thus holding it ten years you could claim it by adverse possession. (2) The assessor has the right, and it is his duty to put the land on the tax roll, and assess it. (3) This question is substantially answered by the answer to the first question.

#### HUSBAND AND WIFE—PROPERTY.

Mrs. A. B. L. Monroe, Neb.—(1) Where there are no children, what portion of the real estate of a husband does a wife inherit at his death? (2) What portion does she get if the husband made no will? (3) While a wife is living with her husband, how much of his property is she entitled to, so that she can use or dispose of it as she chooses? (4) How much of his property can a husband give to his kinsman without the consent of his wife? (5) Can a husband dispose of all his property by will excluding his wife from all share in it?

Answer.—(1) All of it for the term of her natural life; and then it goes to the deceased husband's father. (2) The same—the first question is answered upon the assumption that the husband made no will. (3) She can use and dispose of her own separate property as she chooses, but she has no such rights in property belonging to her husband, but only the right to be supported by him. (4) All of it except the homestead. (5) He cannot. She is entitled to the homestead for her natural life, and also to dower in the real estate owned by her husband during the marriage.

#### LEASE—BREACH OF CONTRACT.

A Subscriber, Hudson, Iowa.—By a written lease A rented forty acres of land to B from March 1, 1906, to March 1, 1907. B died in November, 1906, and his son C was appointed administrator of his estate. C had rented the farm from his father before his death. The lease between A and B contains the following, viz.: "The second party shall put at least twenty acres of said premises in oats, the second party to get all the straw but two loads from same, but the first party is to get forty loads of manure from the premises of second party as compensation for said straw." After C was appointed administrator, and had taken possession of his father's farm, he told A that he could get the straw from the premises, and A got the straw, but when he wanted to haul the manure C refused to let him have it claiming first, that the lease between A and B had not been signed before a notary public, and was therefore invalid and that because A had not hauled the manure in the fall of 1906, he had forfeited his right to it. What remedy has A?

Answer.—It was not necessary that the lease should be signed before a notary public. A did not forfeit his right to the manure. He can recover damages in a sum equal to the value of the manure.

### Going to School or Learn a Trade?

If so, write for our fine new catalogue giving complete information about the special opportunities offered for obtaining an education in almost any subject and learning some of the best trades. Address O. M. LONGWELL, Pres. Highland Park College, Des Moines, Ia.



## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

## COLIC.

I have a gray gelding, fourteen years old, that is subject to colic. About ten months ago I commenced to use a colic cure and it proved effective each time, but the attacks have been much more frequent this spring. Most every night this week he has had an attack, but not very severe. Is there any preventive and why are the attacks so frequent now?

Such cases usually are due to presence of some incurable condition of the intestinal tract such as aneurism or emboli from worms, or a large calculus obstructing the intestine. An attack will sooner or later prove fatal. Feed to keep the bowels open and always allow the drinking water before feeding. At least once a week give him a pint of raw lin-

seed oil as a light purgative. At time of each attack give one and one-half pints of the oil adding an ounce of turpentine and half an ounce of fluid extract of cannabis indica.

## DEAD TWIN FOALS.

I have a mare which foaled twin colts the last of March. One colt came dead, but the other which was more fully matured lived a few days. The mare was bred the last week in May last year and was in good hands since. About four weeks before she foaled her udder leaked milk badly. What do you think was the cause of the colts dying?

One of the foals died at the time the mare commenced to leak milk and should at that time have been removed if mouth of womb was open, which we think would have been found to be the case on exploration by hand. The foals came ahead of time and the cause we are unable to state as such accidents may be due to one of a great many different causes.

## WEAK COLT.

Please tell me what ails a coming yearling colt. He had the distemper last fall, but seemed to get well of that. Has a fair appetite, but has got very poor. When he lies down can't get up without help. Is swollen in the sheath. Appetite now rather poor. Please tell me what ails him and what to do.

Colt is probably affected with blood worms and is weak, bloodless and emaciated. Mix together, equal parts of dried sulphate of iron, ground gentian root, ground ginger root, salt and powdered nux vomica and feed him a teaspoonful of it night and morning in a mixture of equal parts ground oats and bran. Increase dose gradually until good results follow; then go back to first dose and repeat.

## ABORTION.

Will you please tell me what is the matter with my sheep? They started to lose their lambs when about half gone. Their feed has been corn and wild hay.

The most probable cause of abortion in such cases would be presence of ergot in the seed heads of the wild hay. The fungus referred to is found in the form of purple-black spurs protruding from the seed husks. Moldy hay also will cause abortion among ewes as also will chronic constipation due to feeding coarse, dry fodder and hay without some succulent food to regulate the bowels. Change the food by substituting mixed clover and timothy hay or alfalfa hay for the wild hay which is scarcely suitable for pregnant ewes. Feed oats and bran on grass if hay is not needed at this season.

## CONVULSIONS.

Could you tell me what ails my calf and what to do for it? It is five months old and has sucked a cow all winter. It is rather undersized, but has been well until about two days ago. The first symptoms were a queer look about the eyes and she held her head right straight out as though reaching for something. I rubbed her neck and got her to suck and she seemed all right for an hour or so, then she got wobbly and at last fell down and seemed to have a fit. For the next thirty-six hours she had these spells about every five or ten minutes. Between them she would eat hay and suck the cow. She would draw up and kick and roll from side to side and pant. She has had some grain along from time to time.

The fits come from indigestion. Wean her at once and give a full dose of castor oil in milk sufficient to purge briskly. Afterwards feed carefully on skim milk; flaxseed jelly and dried blood meal as a part ration and allow fine hay, grass and a little oatmeal and bran.

## LEUCORRHEA.

I have a mare twelve years old that your last answer answers all right, but at the time I did not state that it was in the womb also. The womb is ulcerated badly, for a little over a year ago she discharged a mattery stuff from the vagina, also last spring and again last fall. Last spring a veterinarian here disinfected the womb, drained it of all the pus, and we thought we had it cured, but last fall she did the same thing again, but blood came with the pus. I inserted my arm in the vagina and with a rubber tube let quite a little pus run out and then let it alone and it seemed to stop itself. She is clean now and has been for about five months. Can any medicine be given to effect a cure. (2) The mare to the above mare is twelve years old last spring, and while foaling, tore the vulva, or the extreme end of the vagina, so that she lost flesh; meat about the size of your hand rotted away. I don't think she is hurt inwardly. Do you think it best not to breed her again? There are some around here say it will kill her to have another foal. What do you think? (3) I have a coming three years old filly, weight about 1,400 pounds, that a little over a year ago got what is called in the government book, "Diseases of the Horse," Patella Pseudo-luxation. At times it seems that she cannot get her hind leg forward and when it does come, it will be with a jerk and sounds just like you snap your finger real hard. She starts with her hind leg stretched back as far as she can get it and on her toe. Have a coming two-year-old mule that seems to be getting the same way. I think it must be a dislocation of the patella, and any information you may give for the above cases I shall try and apply.

(1) Once a week for cure of leucorrhoea (whites) inject into vagina of mare the yeast solution so often prescribed in this

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For the WORMS that kill your Hogs.

### FREE

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NO MATTER HOW BAD A HORSE CUTS UP

if he's hitched to a Champion Cart the driver can dismount instantly with perfect safety as there is nothing to interfere with a man's legs or clothes. It is absolutely free from Horse Motion. That is why the Champion Cart is so pleasant and agreeable to ride in. It's surprising how smooth it rides over rough roads. The adjustable seat makes the cart self-balancing no matter how heavy the driver. This takes all load off the horse. Write today for our free booklet.

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POSITIVELY HEALS SORE SHOULDERS

SOFT NECKS OR BACKS ON HORSES AND MULES

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will reduce inflamed, swollen joints. Bruises, Soft Bunches, Cure Boils, Fistula, or any unhealthy sore quickly; pleasant to use; does not blister under bandage or remove the hair, and you can work the horse. \$2.00 per bottle, express prepaid. Book 7-C free.

ABSORBINE, JR., for man and horse, \$1.00 per bottle. Cures Varicose Veins, Varicose Hydrocele, Strains, Bruises, stops Pain and Inflammation. W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.



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## Blacklegoids

Simplest, Safest, Surest Vaccination for the prevention of

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NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

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HOME OFFICES AND LABORATORIES, DETROIT, MICH.

NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.

department. Do not give internal treatment and do not breed her before she is perfectly cured. (2) A mare in the condition described should not be bred. (3) As stated over and over again in this department the proper treatment for "pseudo-luxation of the patella" is to tie the animal up short in stall and blister the stifle joint with cerate of cantharides. In bad cases the foot of affected leg should be held advanced under body by means of a rope or strap from hobble around fetlock and passed between forelegs and attached to collar on neck.

## INDIGESTION.

I have a mare eleven years old and up until a year ago she was fat. She raised a colt in 1906, bred with an impregnator and she seemed to get thin right after the colt was born. I wasn't alarmed about that, for she had not raised a colt for three or four years, but before the fall plowing was done I weaned the colt and when we got to husking corn I thought sure she would get back in flesh, but instead she kept getting weaker. I fed her very carefully during the winter, feeding carrots and vegetables regularly. She seemed to digest what she ate all right, so I decided to have her teeth looked after and to my surprise I found two of her lower grinders split and half broken down at right angles. I had these fixed by a veterinarian, who said he had improved that mare \$50 worth. Soon after I had the rest of that tooth trimmed off as the hay was always catching in it. She is still poor and the only grain she eats is consumed in the night. I feed ear corn, whole oats, and corn, barley and oats ground. She won't touch wheat bran. She is hide-bound and when I turn her out she tries to rub down everything in sight.

Take her to another veterinary dentist who may find that the other one did not put the abnormal teeth in proper condition. Have her clipped at once and clip her again in fall. Stop feeding ear corn.

You will earn the eternal gratitude of your Horses and Live Stock if you treat them with

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Have veterinarian give her a physic ball and when the purging ceases give her as a tonic appetizer twice daily two ounces of the following medicine in half a pint of thin gruel or flaxseed tea; hydrochloric acid (dilute), two drams; fluid extract of gentian root, four ounces; pure alcohol, two ounces; water to make one pint. As soon as she will eat get her to take night and morning, black strap molasses mixed with warm water and then stirred up with cut hay, corn meal and wheat bran. She may have to be starved to this food. Then feed whole oats at noon and long hay at night. Have her take at least a quart of the molasses twice a day. Wet itching parts with a solution of one dram each of sulphuric and carbolic acid in a pint of cold water. She should be well exercised every day, but the hardest place any horse can have is between two others at work in warm weather.

## BEE SUPPLIES.

Every reader of this paper who is interested in bee supplies should send at once to the Leahy Mfg. Co., Omaha, Neb., for their new illustrated catalog. They carry everything in the apian line, and their prices are always reasonable. A free catalog will be sent to every Homestead reader provided you mention this paper.



## MILK CANS ROB YOU

Look through a microscope at milk set to cream in pans or cans and you'll see how they rob you. You'll see the caseine—the cheese part—forming a spider web all through the milk. You'll see this web growing thicker and thicker until it forms solid curd. How can you expect all the cream to rise through that? It can't. This



caseine web catches a third to half the cream. You stand that loss just as long as you use pans or cans for they haven't enough skimming force to take out all the cream. But, just the minute you commence using Sharples Dairy Tubular Cream Separator, you stop that loss.

Sharples Dairy Tubular Cream Separators have 10,000 times more skimming force than pans or cans, and twice as much as any other separator. They get all the cream—get it quick—get it free from dirt and in the best condition for making Gilt Edge Butter. Caseine doesn't bother the Tubular. The Tubular is positively certain to greatly increase your dairy profits, so write at once for catalog I-121 and our valuable free book, "Business Dairying."

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WRECKING 200 houses having all kinds of good second-hand lumber, and other building material cheap. If you want to build send us your wants. ILLINOIS BUILDING SUPPLY CO., 211-213, Chicago, Illinois.

SELL TOBACCO AND CIGARS locally or traveling; salary or commission. Full time or side line. Steady work; good pay; promotion. Address, Morotock Tobacco Works, Box Q 98, Danville, Va.

## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### Influence of the Dam in Impressing Dairy Qualities on Her Offspring.

To the Editor of The Homestead:

I have just been investigating, with much pleasure and profit, some important facts in regard to the ancestry of a bull to head a herd of dairy cows.

Baron Schrewe, of Kleinoff Papium, a German scientist and authority on thoroughbred dairy cattle, informs us that a good milk cow will not be the mother of good milk cows to a profitable degree of certainty, unless she is mated with a bull that is descended from a long line of good milkers. Baron Schrewe instituted experiments with one hundred and fifty-three cows. These cows were the progeny of four bulls. A careful record was kept, for a period varying from three to six years, demonstrating conclusively that the dairy quality of the bull they were mated with was of the highest importance in determining the milk yields of their female descendants.

A few conclusions follow along this line, which I consider of great importance to the dairyman and breeder:

First, when a farmer thinks of buying a bull to improve the quality of his future cows, he should look to the quality of the bull, not to the cheapness of price. (The character and reliability of the breeder goes a great way in such a transaction.) He should try to buy a "future" of good quality that will run on for generations, and that will help increase the good effects of every future sire that may be used.

Second, he should always breed in the line of his first effort. If his first bull was a Holstein or Guernsey or Jersey or Ayrshire, he should not break up the line of prepotencies and make a rope of sand of it. By a wise subsequent selection of sires of the same breed, selecting all the time for breeding power, he will enlarge and broaden the stream of dairy heredity. What we are after, in reality, is a better and stronger dairy heredity.

Third, about the most reliable basis of calculation as to the power of transmission, or as it is called the prepotency of the bull, is the dairy character of the grandmothers and great grandmothers

## Every Farmer Knows

That The

# DE LAVAL CREAM SEPARATORS

are in a class by themselves as the best separators. But many have the mistaken idea, which competitors help to magnify, that they are "expensive" and that something "cheaper" will do in their stead.

The Facts Are That The

## DE LAVAL CREAM SEPARATORS

are not only the best but at the same time by far the cheapest—in proportion to the actual capacity and the actual life of the machine.

These are simple facts easily capable of proof to any buyer who will take the trouble to get at them and who need only apply to the nearest DE LAVAL agent or send for a catalog to do so.

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on both sides of his pedigree. He is the stored up result of what lies back of him. The quality of his ancestors will have more effect on his offspring than the performance of his mother. She gives to him more of what she has inherited than of what she does. She may be rich in inherited qualities, and yet, for some reason, be herself only an ordinary performer. On the contrary, she may be a large performer at the pail, simply as a sport, but not having a strong tide of inheritance in a dairy direction, she has nothing to convey to son or daughter. This will explain why so many cows, that are large performers themselves, fail utterly to convey their own dairy quality to their progeny. Their line of breeding is from a beef heredity for many generations, and they give to their progeny what they have inherited. A cow breeds from her blood, not from her udder, so we must have dairy performance, if we get our money's worth when buying a bull.

Most assuredly, the Baron is right in his conclusions as to the great value of the bull in determining the dairy character of heifers that come after him. The dairy farmer, that is rooted and grounded in a knowledge of these principles, will make improving work of his breeding. He will buy wisely and breed wisely. The man, who is not thus grounded, will produce just such cows as handicap the business of dairying the country over.

Geo. C. Mosher.

A moderate amount of manipulation of the udder while the last gill of milk is drawn will be found well worth the time it requires. For the first few times it may seem awkward to the milker who has never tried it, but after a few trials a person will be convinced that by working the last milk out of the quarter with one hand and emptying the teat with the other the udder will be emptied much sooner than where the last milk is drawn by stripping without manipulation.

The manufacture of ice cream offers a pleasant and profitable occupation to many farmers who are favorably situated. The factors necessary for success are: Proximity to a town where there is a good demand from people who want a pure article; a herd that will supply a good quality of milk; an abundance of ice, and equipment for caring for the milk and cream so that one can depend on its quality.



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with the wonderful cone bowl, made perfect so that it is never necessary to balance it with soft metal. Low down supply tank, simple enclosed gearing, basally regulated to produce heavy or thin cream and bowl easily flushed of cream at the end of the run. In all the separator world there's nothing to equal the Improved 1907 Davis. It won't take you long to see its good points. And we will sell it to you at

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Please note cut of new model in this ad. We call your especial attention to this as it is the result of many years experiments. Our 1907 free catalog illustrates and explains our new model; we want you to have it so don't neglect to drop us a line today, right now, ask for money saving catalog No. 118 It will come postpaid by return mail.



Davis Cream Separator Co.  
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Low Down Supply Tank.

We Pay the Freight

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# Good Cows at \$15

Almost any man will pay that much for a first-class cow. Thousands of men have the cows but are losing \$15 on each one

because of faulty dairy methods. Government and State Experiment Station reports show that if the milk from every cow in the country was passed through a first-class separator the saving to the cow owners of the United States would amount to \$200,000,000. It looks big but it's a fact. It means just \$15 less on each average cow by the employment of milk pans, cans and other gravity processes of securing the cream. Your cows may be helping to swell this mighty fund. You can stop your part of the loss by the use of our

## Great Western Cream Separator

Our catalogue tells all about this latest improved and most thoroughly up-to-date machine on the market, embodying everything which is best, such as a Perfect Skimming, Self-draining, and Self-washing Bowl, Low-down Supply Can, High Crank, Ball Bearings—hence the

easiest running separator made; a machine with shafts that never wear out. Bearings that can be easily and cheaply replaced; a machine with all its gears running in a spray of oil. It fully illustrates and describes a machine that is always ready for service, and will last as many years as you continue in the Dairy Farming Business. This book illustrates and describes all the essential parts of the machine; it tells of what each piece is made and why. You will get more genuine information reading this book about separators than from any other source. You will get so thoroughly posted that no one can sell you a poor machine and get your good money. You want the very best and will find the GREAT WESTERN to meet every demand.

Our catalogue tells you all about milk, its composition, how and why the cream separates, how and why the milk sours, the changes that take place, why the cream does not separate by gravity when souring begins, why the sour milk is of so little value for feeding purposes, how much cream is lost by all the old methods of milk separation, i. e., the shallow pans, deep setting cans, dilution separators, etc. It explains how the GREAT WESTERN SEPARATOR saves all this cream, making a profit of 12 to 15 dollars for each cow you milk; it tells you of the best methods for raising calves and about the most prominent breeds of cattle; it tells what thousands of men have been trying for hundreds of years to accomplish and how we have succeeded; it tells you how to make your cows keep you instead of you keeping the cows.

If you are milking two or more cows, write us at once as follows:

"I am keeping .... cows. Send me your Book No. 4378 of the Great Western Cream Separator."

It is Free. Ask for it today.

Don't buy a separator of any kind or milk again until you send for our catalogue. Address

Smith Manufacturing Co., 154-164 EAST HARRISON ST. Chicago, Ill.



HINTS, SUGGESTIONS, DEVICES  
AND CONDENSED LETTERS  
FROM CORRESPONDENTS.

Mr. G. W. Knapp, of the Wisconsin Station, sends us a plan for a concrete fence brace and writes regarding it as follows: "I submit herewith an illustration of an anchor post that is rigid, permanent, and inexpensive. The post, or couplet, was made to carry a fence tested by a pull of 6,000 pounds, using a 15-strand woven fence for a test. This is two or three times the pull exerted by the heaviest woven fence, hence the post is amply strong. The couplet—posts and braces—cost \$2.40 for steel and cement, and required two hours' work of two men to set up the forms, mix the cement, and cast the post. The two posts, A and C, and the brace B and tie T, were cast all at one time, and are, therefore, one piece. The dimensions of the members are as fol-



lows: The posts A and C are each 6 inches square; A going 4½ feet and C going 3½ feet into the ground; each being 4½ feet above ground. The brace B is 4x6, and the tie T, is 4x4. The posts are 12 feet apart. The forms for casting the posts, brace and tie were made as follows: For the post forms, two boxes were made 4½ inches long and 6 inches square inside, open at the ends; using for the purpose one inch boards 6 and 8 inches wide. The form for the brace B was a trough made of inch boards, 4 inches deep and 6 inches wide. The form of the tie T was a similar trough 4 inches wide and as deep. The bottom of the trough B was made in

two parts; leaving a hole in the middle of the bottom for the tie T to pass through. Holes were left in the sides of the post forms at top and bottom to receive the ends of the trough. The forms, or boxes, for the posts were set vertically over the holes, and the forms for the brace and tie were put in place. When the forms were in place the steel for reinforcing the concrete was put in place as follows: In the form A two ¾-inch round rods 9 feet long were placed in the corners of the box on the side (d), and two ½-inch rods 9 feet long were placed in the opposite corners of the box on the side (e). These rods reached from the bottom of the holes to the top of the forms. In the form C similar rods were placed, except that the rods were 8 feet long, and the ¾-inch rods were placed on the side (s), and the ½-inch rods on the side (v). These rods were placed ½ inch from the sides of the boxes in all cases. In the forms for the braces B and T, two ¼-inch rods 16 feet long were placed in the bottom of each trough, bending the ends of the rods down into the post form boxes. All of the steel used was the common round steel, known as "soft steel." The concrete was then mixed; using one part cement, two parts sand, and four parts gravel; mixing very wet or sloppy. This concrete was poured in at the top of the post boxes until the holes in the ground and the post forms were full. As the post boxes filled up the concrete ran out into the troughs, making the brace and tie B. and T. The concrete in the troughs was worked at the sides of the trough with a trowel, and the concrete in the post form boxes was worked with a ½-inch stirring rod. The concrete was allowed to stand two days when the forms were removed, except the bottoms of the troughs, which were left in place for three weeks."

Those who have used the plan for making gutters in the dairy barn that is illustrated in the sketch claim that it has considerable merit over the ordinary narrow, two-sided gutter commonly seen. This gutter is a continuation of the passage-way, as we have



staid to show in the cross-section. The advantage of this is that it is impossible for the solid manure to so fill the gutter that the flow of liquids will be impeded or wholly checked on their way to the drain pipes. In removing the solid contents of the gutter the worker

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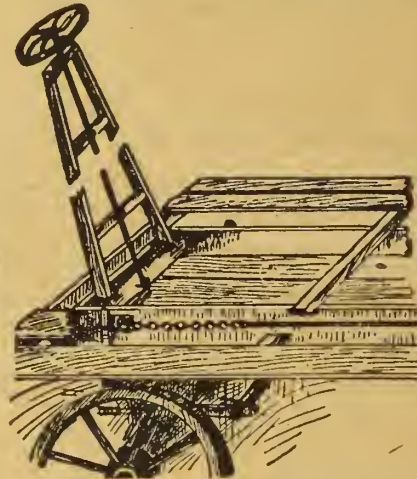
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need not stand over the gutter, but can work from the passage-way. The one perpendicular side of the gutter should be from eight to ten inches high.

Teamsters and farmers who haul hay on roads where a brake is necessary will no doubt appreciate the idea embodied in the following hint. The idea is to



so construct a brake that it may be operated from the top of the load of hay or forage. In order to do this, build the standard of the rack as high as the load is liable to be. Secure a gas-pipe or rod about one inch in diameter and fasten it in strap-iron bearings on the standard as shown in the diagram. Surmount it with a small balance wheel

keyed firmly. At the lower end of the rod attach a chain which is passed over a pulley in the side of the bed and continued to the brake lever on the rear wheels. A writer in the *Prairie Farmer* recommends this device.

Fever ticks have been found on several herds of cattle in Elk county, Kan., and the state live stock sanitary commission is making investigation. A quarantine has been established.

### A FURIOUS ERUPTION

Itching, Bleeding Sores Covered Body--  
Nothing Helped Her--Child Cured in Five Days by

### A SET OF CUTICURA REMEDIES

"After my granddaughter of about seven years had been cured of the measles, she was attacked about a fortnight later by a furious itching, and painful eruption all over her body, especially the upper part of it, forming watery and bleeding sores, especially under the arms, of considerable size. She suffered a great deal, and for three weeks we used all the remedies we could think of. Nothing would help. We then sent for Cuticura Remedies, and after twenty-four hours we noted considerable improvement, and, after using only one complete set of the Cuticura Remedies, in five consecutive days the little one had been entirely cured, and has been well for a long time. Mrs. F. Ruefenacht, R. F. D. 3, Bakersfield, Cal., June 25 and July 20, 1906."

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If you would have your harness rain-proof, sun-proof, sweat-proof, soft, strong and pliable, use

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Choice Master 267262 by Choice Bud 212003 by Imp. Choice Goods, included in the Short-horn dispersion sale of Messrs J. W. Palmer & Son, Albion, Indiana. See field notes.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of this three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

EGG PRICES REDUCED—balance of season, \$1.00 per 15, \$5.00 per 100; best matings. If you want good Barred Rocks, the great, big, deeply barred, heavy laying kind, send us your order. Prompt shipments. Circular free. H. M. Jones Company, Berwick, Iowa. Shipping point, Des Moines, all express companies.

EGGS FOR HATCHING from Barred Plymouth Rocks, Bright and Latham strains. None better for utility and fancy points. Price \$1.00 per 15; \$5.00 per 100. Eggs guaranteed fertile. J. C. Watts, Berwick, Ia.

UTILITY Barred Rocks (money-makers), fresh, selected eggs, carefully packed, 100, \$4.00; 50, \$2.50; 15, \$1.00; satisfaction guaranteed. Adam A. Veir, Clay Center, Nebraska.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 50c per doz. Mrs. John Holmgren, Gilmore City, Ia.

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WHITE ROCKS—Won five prizes at Oelwein. Eggs, \$2.00 per 15, from best mated pairs; \$1 per 100, general stock. George Blake, Oelwein, Iowa.

BUFF ROCK eggs, \$1.00 for fifteen. Mrs. J. W. Martin, Mason City, Illinois.

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SINGLE COMB White Leghorns, prize winners and bred to lay. Eggs for hatching: Pen 1, \$1.50 for 15, \$7.00 for 100; Pen 2, \$1.00 for 15, \$5.00 for 100. Free descriptive circular. H. M. Humphrey, Lake City, Ia.

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EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York, prize winners. 25, \$1.50; 100, \$1.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

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JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. H. M. Johnson, Formosa, Kan.

ROSE COMB Brown Leghorns, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 80, \$1.00. E. B. Sinn, Route 2, Brighton, Iowa.

## RHODE ISLAND REDS.

RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White, Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javies, Hardy, prolific, farm bred, pure stock. For birds, moderate prices or "eggs to hatch" at 10c each, write Walter Sherman, Edgewood, Newport, R. I.

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RHODE ISLAND REDS, both combs; eggs, 15, \$1.00; 50, \$3.00; 100, \$5.00. G. Weiser, Humboldt, Ia.

GRAND ROSE COMB REDS—Eggs, Breeders, Ben Russell, Lamoni, Iowa.

## WYANDOTTES.

WHITE WYANDOTTE EGGS from good, pure-bred stock, \$1.50 for 30, \$4.50 for 100. Twelfth year Wyandottes exclusively. Satisfaction guaranteed. L. K. Parrish, Ottawa, Illinois.

SILVER LACED WYANDOTTES: Eggs, 50 cents for 15; 3 cents each for 100. Address, Mrs. O. W. Thomas, Route 2, Manchester, Iowa.

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S. C. BUFF ORPINGTON EGGS—Extra fine stock, headed by an 11 pound cockerel. 15 eggs \$1.25. C. B. Owen, Lawrence, Kansas.

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MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

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FIFTEEN EGGS, \$1.25, from Ancona's Blue Andalusian Hamburgs; ten other breeds. Folder free. A. J. Arends, Blairburg, Iowa.

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PRICES reduced on Eggs from Single Comb Brown Leghorns. Few sittings to spare from Rhode Island Reds and Buff Cornish. Stock for sale in season. Mrs. Geo. Manning, Birmingham, Iowa.

ORPINGTONS, Rhode Island Reds, Partridge Wyandottes and 20 other varieties, each on separate farm. Eggs, \$8.00 per 100, \$1.00 for 15. Catalog free. Harris Poultry Co., Chy Center, Neb.

## PROBABLY A CASE OF RHEUMATISM.

The following inquiry has been received from M. M. Clark of Munden, Kansas:

Will you please tell me what is wrong with our flock of White Rocks? We lose one every two or three weeks. The first symptoms are lameness in one leg, then soon become completely paralyzed so they can neither eat nor drink. After lying around for a few days their bowels discharge a white,

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Phillip Stalcup, Lortimer, Iowa.

## PATENT ATTORNEYS.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

PATENTS promptly obtained or no fee, and advertised at our expense. Widespread inventors should write for booklet on "Patents That Pay." D. Swift & Co., Washington, D. C.

## CATTLE.

REGISTERED RED POLLED CATTLE.—Bargains in females to reduce herd. Good size, well bred. Write for booklet and particulars. O. P. Russ, Ravenwood, Missouri.

EIGHT SHORT-HORN bulls and four heifers, good ones, approved breeding, for sale. Fifty dollars and up. Write for particulars. D. W. B. Kurtz, Columbia, Mo.

## AGENTS WANTED.

WABBLE CURE Axle nuts make old buggies run like new. Big commission. Special introductory offer. Hardware Co., Box C 85, Pontiac, Mich.

## DOGS.

RATS won't kill all your chickens if you have a Scottish Terrier. Very fine pups, from recorded parents, for sale. S. Harr, Liverside, Iowa.

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GREEN HOUSE PLANTS—Samples dozen, 50c. (mail) embracing Carnations, Roses, Geraniums, etc. T. Montgomery, Larned, Kansas.

## POEMS.

THE RIVER BEND and other poems, The Hussey. Sent to any address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

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OFFER 645 acre improved farm, Willamette Valley, Lane County, Oregon, forty dollars per acre. Nearly level, running stream, hundred acres cultivated, four hundred more can be without grubbing. Fine stock land. Hops do well. Good buildings. Owner, aged, lives east. Will exchange part for northeast Iowa farms. J. H. Lightbody, La Crosse, Wisconsin.

WRITE FOR FREE BOOKLET descriptive of eastern South Dakota farms, well improved, for sale on easy terms. Desirable settlement. Prosperous stock feeding farmers. Gold & Co., Big Stone, South Dakota.

A WELL IMPROVED FARM of 178 acres adapted to grass and the different trucks grown here; good orchard. Right at electric railroad station. A. A. Masters, Norfolk, Virginia.

5,000,000 acres rich farm and timber lands \$2 an acre and up, easy terms. For full particulars and lists, write W. J. Adams Land Co., 714 New York Life Bldg., Kansas City, Mo.

SMALL FRUIT FARM—Close to Omaha; pleasant home. A money-maker. Must sell. Well located. Mostly grapes; not hurt by frost. A. T. Seybolt, owner, Florence, Neb.

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FOR SALE OR EXCHANGE 640 acres of Pannhandle land 3 miles from a flourishing town of 1,000 population. Owners Exchange, Box 32, Weatherby, Missouri.

A SNAP—Forty-four acres fine land, two miles of a good natural gas city in southern Kansas. Price per acre, \$60.00. J. E. Roseberry, Arkansas City, Kansas.

IMPROVED OR unimproved farms for sale; healthy climate, one crop often pays for land; will soon double in price. Write T. V. Lowe, Goodland, Kansas.

NICE HOME of 80 acres; well improved; close to school and church; 8 miles of Rose, Woodson County, \$5,000. L. F. Ross, Rose, Kansas.

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TRADE. I want to trade or sell six good Iowa farms in next sixty days. Come, see or address H. D. Holmes, Riceville, Iowa.

IOWA 800 farms as good as Illinois \$125 kind. Send for booklet of prices. "Secor," Postmaster, Buffalo Center, Iowa.

SAY, if you want to buy a farm or offer a good trade, write Buckeye Agency, Williamsburg, Kan.

FOR SEWARD COUNTY, Kansas, land write to Charles E. Dunlap, Liberal, Kansas.

WHY RENT? Own your own land. Write to T. V. Lowe, Goodland, Kansas.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

TEXAS PUBLIC SCHOOL LAND. Thousands of people are coming to Texas weekly; many others are desirous of finding homes there; but few know there are millions of acres of public land unsold. This land belongs to the school fund and is offered under a recent act of Legislature on the remarkable term of one-fourth of the price cash, balance payable 40 years after date at 3 per cent. Any able-bodied, industrious man with but little cash can secure a home. This land was for many years leased to ranch men, but leases are expiring and it will all be sold to settlers. Produce are wheat, oats, corn, alfalfa, corn, maize, alfalfa and cotton; all fruits, vegetables, fruit, etc. Prices range from \$1 to \$5 per acre. If looking for a home where climate is mild and healthy and land will increase in value enormously, investigate this subject. If you have children to provide for and land is too high where you live, come to Texas. Send \$1 for book of instructions with state law and map to Ashby James, Special Land Atty., Austin, Texas. Reference: American National Bank.

200 ACRES ON THE SOUND—A beautiful place, touching the water and in command of wide views of waterways and mountains; good land, extensive buildings and improvements; telephone connection; schools, stores and conveniences at hand; excellent transportation to and from all of the Sound cities. A bargain. In this for \$7,000. Our new list describes and quotes a selection of the best farms and most fertile land within reach of Seattle. Charles Somers Company, Alaska Bldg., Seattle, Wash.

THE BEST stock farm in northwestern Iowa is for sale at a great bargain: 640 acres of thoroughly tillable, arable land—280 acres under cultivation, 100 acres hay land, 260 acres in tame grass pasture; \$10,000 in improvements; within nine miles of three competing Chicago lines of railway, and town three miles from farm. Let me send you a circular describing this ideal stock farm and naming price thereon. Address, R. J. Hornbrook, Cherokee, Iowa.

TO EXCHANGE for Income Property or smaller farms: 1 ranch 800 acres, 3 sets of improvements, near town. 1 ranch 1,240 acres; improvements cost \$8,000. 1 ranch 2,200 acres; prices run from \$10.00 to \$40.00 per acre. Write for my list. I have many bargains in farms. A. Smith, Stuart, Nebraska.

WRITE FOR INFORMATION regarding lands in south central Missouri—agricultural, fruit and grazing lands—\$5.00 per acre up. Tell us what you want, also terms and we will suit you. Only three hours from Saint Louis market. F. E. Dowd, Manager, Rolla, Phelps County, Missouri.

320 ACRE FARM in Ripley County, Mo. 160 acres in cultivation; balance good timber; blue-room, two-story house, barn 150 by 48 feet; stone foundation. All good cultivating land. Price, \$10,000. Several smaller farms. Send for list. C. H. Martin, Doniphan, Mo.

FOR SALE: 120 acres, improved; 2 miles town, three-fourths miles school, well watered, rich soil, rolling prairie, part bottom; splendid stock farm, fenced and cross fenced. Price, \$55.00 per acre; \$25.00 cash, 5% on balance. Address, H. Box 53, Redding, Iowa.

MOUSE RIVER VALLEY FARM, 160 acres, six miles of Minot, ten wooded, balance tillable; 50 broods, 40 fenced, small buildings, good water, \$3,500. Other bargains \$2,000 upward. Cash or easy. Maps and particulars. F. E. Graves, Minot, North Dakota.

COME TO LAND of Big Red Clover and timothy, greatest dairy and stock-raising country in world. Counties of Polk, Warren and St. Croix. Write for descriptive matter and land lists. Clear Lake, Real Estate Co., (Incorporated) Dept., J. Clear Lake, Wis.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert E. Kling, Goodland, Kan.

CASH FOR YOUR property wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce, Bldg., Minneapolis, Minn.

BUY of the owner 80 acres improved farm. Good buildings; telephone; rural delivery; near school; churches; creamery; county seat. Best clover and potato land in the world. John Bozarth, Nora, Minn.

FIVE Madison County, Iowa, farms for sale by owners, one improved, four unimproved, 140 to 240 acres; 1 to 4 miles to good railroad town. Priced to sell. Alexander & Williams, Winterset, Iowa.

OKLAHOMA FARMS: Write your wants, enclosing stamp for new map of Oklahoma. I sell my own lands direct and pay your fare. No trades. J. P. Becker, Medford, Oklahoma.

WILL SELL to settle an estate any fraction of four sections of this best land in the Pannhandle. Close to Oklahoma. Ten dollars per acre. J. C. McKenna, Ivanhoe, Oklahoma.

CLOSING OUT at a low price on easy terms several finely improved farms recently possessed. Write quick for list. Bank of Itensen, Itensen, Ia.

SOUTHWEST MINNESOTA CORN LANDS. Iowa soil and conditions at half the price in this locality. E. H. Crandall, Montevideo, Minnesota.

FOR SALE—280 acre farm. Well improved in Washington County, Iowa; a bargain. For particulars write to Box 63, I. F. D. No. 4, Wellman, Iowa.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone, \$30 to \$40 acre. M. Wight, Iantua, Barton County, Missouri.

DO YOU WANT a home in Oklahoma? If so, write to W. E. Willoughby, Chandler, Oklahoma. He has some good ones for sale cheap.

SOLDIER VALLEY FARMS for sale by L. H. Raymond, Pisgah, Harrison County, Iowa.

## REAL ESTATE.

SAY—I'M LOOKING for U and when you want 2 buy, sell or exchange I would like 2 hear from or C U — and quite sure I can interest you with 480 farms, 114 ranches, 60 stocks of merchandise, 12 lumber yards, 23 mills and elevators, 53 hotels and liveies, saw mills and timber lands; restaurants and telephone plants, that I have for sale, and some to exchange, in Kansas and many other states. I will be glad to tell you of them. Descriptions guaranteed by the owners. Frank Gee, Lawrence, Kansas.

BUY NOW, DON'T DELAY—Opportunities of a lifetime are now offered the Iowa-Idaho homeseeker. Corn, wheat and alfalfa lands are our offerings. Good farm lands at from \$20 to \$40; alfalfa lands at from \$80 to \$150 acre. Buy right now and get share this year's rental and the \$5 acre advance in rise of price in next three months. List furnished if desired, but you had better come now and see what we have. Come prepared to buy. C. W. Lindsay, Wilsonville, Furnas County, Nebraska.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

BARGAIN HOME FARM—160 acres, good house, stable, grove and well; 135 acres wheat, second crop from 80d; balance pasture. Farm all level and fenced, only two miles from county seat of Harper County, southern Kansas. Best wheat, corn and alfalfa in Kansas. Price, \$1,500, one third, low interest. Write Theo. B. Marsh, Anthony, Kansas.

IDAHO—The land of opportunities. The Mecca of farmers who want never failing and heavy crops and sure and highly profitable markets. For reliable information (free) as to lands, crops, irrigation, (government and private) timber, grazing, mining, etc., address Guy Fleumer, Secretary League of Southern Idaho Commercial Clubs, Boise, Idaho.

JACKSON and Jefferson counties, Kansas; 230 acres, splendid, modern, new buildings, adjoining station, good land, all tame and wild grass. Catholic settlement. Price, \$14,000.00. Write for prices on 40 acres to a section. W. A. Gilliland, (Farmer,) Mayetta, Kansas.

"Buy a Model Home in Central Tennessee." Warren County. Fine climate; pure water; productive land; sociable people. Can suit you in size, location and price. Write for particulars. G. L. Uter & Son, Mt. Carmel, Illinois.

DON'T FRENZE or burn up. Come to Missouri where wheat, corn and oats do as well as in Illinois. Black level soil one-half the price, but rents for just as much. Descriptive catalog. J. L. Boyd, Norborne, Missouri.

FARMING, GRAZING LANDS, from first hands in Oklahoma, Texas and Old Mexico. More than a million acres to select from. Write us and save money. Smith & Steele, Pawhuska, Oklahoma.

KANSAS WHEAT LAND, two perfectly smooth quarters, near Hugler, Neb., \$12.50 per acre. Sixty-one bushels, 1906. Bears investigation. Write owner, O. H. Herbig, Oklahoma City, Oklahoma.

CHEAP LAND IN IOWA on easy terms. Half section half mile from Titonka, Iowa. Partly tiled, good level land; will split in small tracts. Investigate. Write, Herman Nelson, Titonka, Iowa.

LYON COUNTY 160 FOR SALE—\$40 per acre. Black soil; fair improvements; orchard; living water; 25 acres red clover. Write for particulars. Ed Eggleston, Hartford, Kansas.

TEXAS. If you want a home cheap, in the center of the Staked Plains, write us for full information. Hartford Land Co., Lubbock, Texas.

## MISCELLANEOUS.

TYPEWRITERS—All makes, all prices. Large stock of 22 makes to select from; prices 1/2 to 1/3 manufacturer's prices. Slightly used and factory rebuilt machines our specialty; full guarantee. We ship on approval anywhere. Write for bargain list. B. F. Swanson Co., 222 Fifth Street, Des Moines, Iowa.

BAD smelling feet are offensive to everyone. Can positively be cured by using one package of our "Nuboot" or money refunded. Price, \$1 per package, postage prepaid. Send today—we will cure you. References, First National Bank, Meade State Bank, The James A. Dick Co., Box 411, Meade, Kan.

THE THAW-WHITE tragedy. Do you want to read the facts about that famous murder case? Then drop us a postal card. The Book Shop, 218 East 12th St., Kansas City, Missouri.

MERCHANDISE BARGAIN—Invoice \$3,500; annual sales, \$20,000. \$30 per month. Postoffice in store. Buckeye Agency, Williamsburg, Kansas.

LUMP JAW CURE and other recipes worth \$100, price \$1.00. Warranted by an experienced farmer. Geo. W. Burns, Clinton, S. D.

WANTED—A good reliable man to work on farm. Good wages to right man. Reference required. F. S. Castle, Route 3, Joy, Illinois.

WHAT have you to sell or exchange? Do you want to buy, sell or trade farm or grazing lands? Do you wish to sell live stock, dogs or other pets, poultry, poultry supplies, machinery, new or second-hand, implements, musical instruments, merchandise or, in short, anything that the farmer wants? If so, the best way to accomplish your purpose is by inserting an advertisement in the classified department of this paper. Only five cents a word for an advertisement in the greatest group of farm papers in the world, with 190,000 guaranteed circulation, covering the states of Iowa, Wis., Minn., South Dakota, Ill., Neb., Missouri, Kansas and Oklahoma. For further particulars, see announcement at top of this page.

needed, nothing is better than a grain capsule of quinin every morning. Search for the faulty conditions that have caused the trouble, and having found them, work with all your might to remedy them.

Speaking of lemons hasn't the weather man handed the farmer a fine collection this spring? Roses are in order now if you please, Mr. W. M.

the quarters with sunlight, if possible, and unless it has been thoroughly done within a short time, disinfect well after a general cleaning up. If the lameness arises from rheumatism, the affected joints will be swollen, hot and tender to the touch. Bathe these with carbolic acid or some good liniment. Give twenty-five grains epsom salts, and put thirty-five grains baking soda in each quart of drinking water. If a tonic is

watery matter. They live a week or more. Can you give a cure?

As our correspondent has not given details of surroundings, feeding and care, it will be difficult to make an exact diagnosis of the trouble. The lameness, etc., are symptoms pointing strongly toward rheumatism. The paralysis and bowel indications show something more. If the houses are damp and unsanitary, just such ailments might follow. Flood



## Too Rapid Feathering



Spring chickens often show positive weakness as the result of too rapid feathering. This checks the development of the chick, and may result in loss. If you begin the care of the young brood by giving daily a little of

## DR. HESS POULTRY PAN-A-CE-A

in the morning find these difficulties will be avoided. It contains bitter tonics to increase digestion, iron to make blood, and nitrates to help the fowl to throw off poisons from the system. By increasing digestion you increase growth and egg production, as all development depends absolutely upon the digestion. Besides this it has a principle peculiar only to itself—it has the power of destroying the little germs of disease, cleansing and purifying the system generally. Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., D. V. S.). It makes eggs in abundance when given to laying hens, and hastens the fattening of market stock. Endorsed by leading poultry associations in United States and Canada. Costs but a penny a day for 30 hens, and is sold on a written guarantee.

1-2 lbs. 25c, mail or express 40c  
5 lbs. 60c; 12 lbs. \$1.25  
25 lb. pack \$2.50

Send 2c postage for Dr. Hess 48-page Poultry Book, FREE.

**DR. HESS & CLARK,**  
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DEATH to all insects and lice on Sheep, Hogs, Cattle, and all other live stock.

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The Howe Scale Company of Illinois,  
1221 Wabash Avenue, Chicago.

### DOGS.

### DOGS FOR SALE

AND ALL kinds of pet and live stock. Send 10 cents for sixty-page descriptive illustrated catalog. **MOUNT PENN KENNELS,** Reading, Pa.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### Turning and Cooling Eggs.

To the Editor of The Homestead:

Why is it necessary to turn incubator eggs? I read the other day of an incubator manufacturer who contends that it is not only unnecessary, but a positive injury. Is his contention true?

Nature is our guide even in artificial incubation. How does the sitting hen manage her eggs? M. M. Johnson says: "The sitting hen turns and airs the eggs more than we give her credit for. We draw our conclusions too much from casual notice. When we enter the room where she sits, she settles down on the eggs and gets mad. The entrance of a cat or dog has the same effect. Any unusual noise will cause her to settle down and stay that way as long as she is uneasy, but when everything is safe she is an entirely different hen. She is continually working with the eggs, has a number of motions to move, stir, and turn them."

"She turns them with her beak, with her feet and hocks and very often she settles down on them and shakes her whole body. Not only does she do this during the day, but through the night. To verify this all you need to do is to mark the eggs late in the evening, and look at the marks early in the morning. The hen not only goes through all these motions mentioned, but she also settles down with her head in different directions, her whole aim seeming to be to keep the eggs warm and moving."

Several ways of turning the eggs are recommended. Since the object of turning is to prevent the germ with its delicate attachments from hardening and growing to one side of the shell, the egg should be handled with care, lest the tender filaments be torn from their moorings. A few incubators, (but less than formerly) have egg-turning appliances by which a whole tray of eggs may be turned exactly half way over by one movement. But these appliances are not much in favor for several reasons. In the first place, it is better that the eggs change places in the trays. There may be varying degrees of warmth and so the heat has a chance of being evened up by the arrangement. Then, too, it is claimed, and with good reason, that the hand is best for handling the delicate organisms hidden within the shell. But it is certainly a mistaken idea that the eggs must be turned exactly half way over twice a day. The shuffle method, as it is called, which provides for the removal of a part of the eggs, leaving room to roll the others around carefully, not only changing position, but also giving a degree of exercise to the growing chick, seems to give the best results. Personally, my method with flat trays is to take out all eggs on outside of tray, roll the rest gently, making the operation longer as the hatch progresses, then placing these eggs on the outside, leaving room in the center for the eggs taken from the edges. After testings leave room on tray, I give the eggs a few rolls when I open the machine to look at thermometer.

For the first week and a half, at least, the eggs get sufficient cooling while being turned, unless the weather is very hot. If at any time the heat is found too high, the eggs should be cooled down to the proper temperature. The long cooling they get while testing is going on, should be taken into account.

Do not turn or cool after the evening of the eighteenth day. By that time the chick has fixed himself in position to pip the shell in the proper place when the supreme moment arrives, and it may prove disastrous to interfere with his plans. Let nature take her course in the matter and don't worry.

Mrs. S. B. Titterington.

### Why Animals Need a Tonic.

If a man were to deliberately and logically reason out the best method of feeding for profit, he would naturally theorize as to what would be best for his own physical needs and apply the practice in the care of his domestic animals. Such a course would eliminate guesswork. For were a man to be held up and stall-fed, he would soon refuse food. How, then, can we ask the most glutinous of our domestic animals to consume a stated quantity of rations each day with-

out believing that at some time during the crowding period a portion of the herd would not get "off their feed." Let us study the different processes of digestion and some of the phenomena which govern it. Stomach digestion is carried on only in an acid medium—that is, the juices of the stomach have a sour taste and smell, and turn litmus paper red—hence strong alkalies retard digestion by neutralizing the acids. Next, digestion is carried on most rapidly at a temperature of the body about 98.5 in man, 101 in the horse and ox; hence, large drafts of cold liquids immediately after eating check the process of digestion until the temperature is again elevated to that of the body. Food, after being softened by the saliva and acted on by the stomach ferments, passes into the intestines, where it receives or is mixed with the secretions from the pancreas and walls of the intestines themselves (Succus Intestinalis). These secretions act upon the food, completing the process of digestion, rendering the contents of the bowels a soft semi-liquid mass, capable of being sucked up by the millions of little mouths that dip down into it and draw out the liquid portions and carry them away to build up bone, muscle, nerves, horn, skin, hoof, or repair waste or store away fat. To aid these sucking tubes to take up the nutritious portions of the food, the bowels keep up a constant churning motion that brings the food in contact with the absorbents and aids them in taking it up; also in forcing their contents onward into the general circulation. Intestinal digestion and absorption is hastened by certain tonics or stimulants which increase the action of the glands of secretion. Substances which have the power of so affecting the gastro-intestinal mucous membrane as to increase its functions greatly, and thereby aid digestion and absorption, are known as tonics or simple bitters. They differ from stimulants in being slower in their action, but more permanent in their effects. Dr. Hess Stock Food is probably the best of food tonics because it is from the prescription of a veterinarian and medical doctor, and is prepared by Dr. Hess & Clark, of Ashland, Ohio. This food tonic produces natural hunger. Hunger or desire for food results from impressions made on the nervous system; a cry of the system for nutrition; an evidence of good digestion and assimilation. Where this particular food tonic has been thoroughly tested it has been demonstrated to be of exceeding value in not only keeping the animal fed in a healthy condition, but aids in the proper assimilation of all rations fed, making it a valuable adjunct to feed for any purpose.

### ADDITIONAL FIELD NOTES.

#### A RELIABLE HAY CARRIER.

Perhaps no one part of the hay making and storing machinery causes such disastrous loss of time as a defective hay carrier. No carrier is too efficient and reliable for the farmer who has a large acreage of hay to cut and mow. On page 16 we show an illustration of the "Meadow King" hay carrier, which represents probably the highest point reached by manufacturers in up-to-date hay carrier construction. The manufacturers have carefully studied every point of the hay carrier and now believe that they have a carrier which is well-nigh perfect. All of the good points of this carrier are explained in the catalog which will be sent to anyone addressing J. E. Porter Co., Ottawa, Ill. Kindly mention The Homestead when making inquiry.

#### WON OUT.

Mr. E. E. Kane, Chateaugay, N. Y., writes March 24, 1907: "I have used Absorbine for the last two or three years in several cases and always with good success. I shall continue to use it as occasion requires. I might tell you of one case where the Absorbine did great good. In the fall of 1904 I had a yearling colt that got frightened in a thunder storm and jumped against a stone wall, bruised and cut his off front ankle; was very lame and the joint fluid was flying out at every step. I went to work with Absorbine and in five weeks I showed the colt at our county fair at Malone, N. Y., and he won first premium in his class and is now one of a pair that \$800 has been refused for at four years old. I shall always advise my friends to use Absorbine, as I believe that it is the best thing on the market for the purposes for which it is recommended." Many customers write of the satisfactory results Absorbine gives. You try a bottle. Price \$2 at druggists or delivered. Manufactured by W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

#### C. J. MARTIN'S GREAT ABERDEEN-ANGUS SALE.

On Tuesday, May 28th, C. J. Martin, Churdan, Iowa, will make his first public sale of Aberdeen-Angus cattle at his farm near the town of Adaza, Iowa. This is pre-eminently the greatest Aberdeen-Angus sale of the season, and one of the greatest that has been held of this breed in recent years. At the head of this herd stands the noted bull, Prince Ito 2d, the undefeated grand champion bull of America, and the female portion of the Martin offering will either be sired by him or will be bred to him. The get of Prince Ito 2d that will be offered in this sale will demonstrate that behind his show record is his ability to reproduce himself, for there are certainly some grand young things in this sale. Among these is the sensational young Blackbird bull, Black Defender. He is not only sired by Prince Ito 2d, but he is also out of Blackbird 26th, the World's Fair and International grand champion cow, and she will also be included in this sale. Not in recent times has such a promising young bull been offered at a public or a private sale and it is to be hoped that he goes into the hands of an intelligent breeder. He is good in every way, his head is wide and short, his back is level and his spring of rib is wide, he comes out nicely at the tail, is low in the quarter, good in his under line and he is full of quality. His dam, Blackbird 26th, the first World's Fair grand champion cow that has ever been sold at a public sale, will also be one of the great attractions of the sale. This cow has been one of the most consistent winners in American show yards in recent times and she has done her share to bring the Martin herd into prominence. She stands today the greatest Blackbird show and breeding cow in this country, and she is in condition to go right on and repeat her past performance. She is bred again to Prince

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**KRESO-DIP CURES MANE & SCAB, CUTS, WOUNDS, SORES, RINGWORM etc. KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT.**

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## The Successful

is the nearest of all the out and out automatic machines, both Incubator and Brooder. They can be depended upon under all conditions to hatch the most and brood them the best. 100 pens standard fowls. Incubator and Poultry Catalog FREE. Booklet "Proper Care and Feeding Small Chickens," 10c. 50c poultry paper 1 year, 10c. Des Moines Incubator Co. Dep. 50, Des Moines, Ia.

## THERE'S ONLY ONE

There's only one safe, sure, economical way to destroy lice, mites and vermin of every description on your poultry and in the poultry-house, and that is by using

## Lee's Lice Killer

No handling, dusting, dipping or greasing. No individual treatment of fowls. None of the laborious or disagreeable features so necessary with other preparations. Just paint or spray the roosts and walls. That's all. It never fails. Prices, 50c, \$1.00. Take no substitute. There is none "just as good." A 1907 Egg Record free. GEO. M. LEE CO., OMAHA, NEB.

## \$1000 REWARD FOR THEIR EQUAL.

No slide head. Oil only twice a year. Ask about our two wheel power mills and our arm saver huskers. Get book No. 4, it's free. Write for it today.

## DOUBLE POWER MILL CO.

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## BEE KEEPERS

Write for our free catalogue of bee hives, honey boxes, bee smokers, and all kinds of bee supplies at lowest prices.

## LEAHY MFG. CO.

1738 So. 13th St. OMAHA, NEB.

Ito 2d, and she will certainly be a valuable acquisition to any herd. The man that gets this cow cannot pay too much money for her because she is today one of the greatest Aberdeen-Angus cows of the breed. She has a beifer calf which will be retained in the







## HORTICULTURAL TOPICS

THIS department is conducted by an experienced horticulturist. All questions relating to horticulture will be answered if of sufficient general interest to warrant a reply in this department. Communications and inquiries upon horticultural topics should be addressed to this office.

### To Relieve Alfalfa Bloat.

To the Editor of The Homestead:

To relieve alfalfa bloat in cattle, take a round stick about the size of a pitchfork handle, or at least large enough to prevent the animal closing the mouth, and either hold crosswise or fasten it in the mouth bridle-bit fashion until the bloat disappears, which will be only a few minutes and never longer than twenty or thirty minutes. It is very simple, but I never knew it to fail, and is so much more satisfactory than the old way of sticking the animal. A Subscriber.

Callaway, Neb.

### Keeping Currant and Gooseberry Bushes Up From the Ground.

To the Editor of The Homestead:

A subscriber from Schleswig, Iowa, asks how to keep currants and gooseberries up from the ground so that the fruit will not mold.

This difficulty is largely a result of improper pruning. The lower branches should be cut off, as they will naturally be so low that the fruit will be very close to the ground where sun and air cannot have ready access to it.

The nature of the soil may also be blamed for some of this difficulty. The element in the soil which gives stiffness and rigidity to plants—in fact, from which the woody part of plants is very largely formed—is potash. This is deficient in many soils and should be supplied.

plied. Wood ashes contain a large percentage of potash in condition to be assimilated readily by the plants. A liberal quantity should be worked into the soil around currant and gooseberry bushes every year.

For the present season or at any time when the bushes are not strong enough to keep up from the ground a wooden frame may be placed around each bush in such manner that it will hold the bushes in an upright position. This frame should be supported at a height of twelve to eighteen inches from the ground. In this manner the difficulty complained of may be very greatly reduced.

F. B.

The longer you make the breeding of poultry an intelligent study the more you will realize how little you knew at a time in your early experience when you thought you knew about all there was to learn. The fellow who ridicules "fooling away time with chickens" is related to the man who sits around the stove at the grocery and tells his listeners how to run the country and settle the great economic questions of the day. The "fool killer" still has plenty of work to do.

Breeding seasons have many disappointments for most of us and we can only profit by them by gaining some point of knowledge that may be of benefit in our future efforts. We must profit by failure as well as from success. The knowledge of experience is often dearly gained, but it is valuable and should be used to good advantage in our work.

### HOT WEATHER AHEAD.

Many a housewife is wondering how she will pass through the coming summer months with the stove she well knows will make the kitchen unbearably hot—to say nothing of the dirt, dust and ashes that will add to the discomfort. There is a way out of it all—a way that not only lessens the work and keeps the kitchen cool, but that also reduces fuel expense. This convenience, comfort and economy is all effected by the New Perfection Wick blue flame oil cook stove, an oil stove so superior to other makes that it is fast replacing the coal and wood range, the old-fashioned oil stove, and in many cases the gas stove. The New Perfection gives a strong working flame at moment of lighting. "Blue flame" means the hottest and cleanest flame produced by any stove. The flame is always under immediate control and can be raised or lowered instantly. The convenience of this will be understood when it is considered that while the flame of one burner is boiling the kettle or roasting a large joint, that of another can be reduced to simmering point—in this way enabling the housewife to cook a variety of dishes at one time. On washing and ironing days the comfort and convenience of the New Perfection will be greatly appreciated. It gives best results in the least time, and does away with all coal and wood carrying and the many other disagreeable jobs that have to be done with other stoves. The New Perfection is made in three sizes with one, two and three burners, and is warranted to give full satisfaction. Another home comfort is the Rayo lamp, which produces a light of unusual brightness, yet soft and mellow—a light that will not hurt the eyes. The Rayo Lamp can be used in any room. It is highly ornamental and beautifully nicked. Every lamp is warranted. The New Perfection wick blue flame oil cook stove and the Rayo Lamp are two real essentials to home comfort. Their easy operation, absolute safety and handsome appearance commend them wherever stoves and lamps are used. Inquire at your local dealers. See page 15.

### Good Poland China Fall Boars for Sale.

To those who are in need of a good fall boar of the most fashionable Poland China blood we wish to say that Mr. R. F. Jackson, of Raymond, Neb., has a number of pigs on hand at present that are very good ones. They are mostly the get of Bonaparte, he by Allerton Tecumseh, and having for his dam Lady Kodak by Kodak. They are very growthy and some of them are sure to make good hogs. Mr. Jackson also offers his herd boar Neb. E. L., a son of Perfection E. L. His dam was Mayflower 2d by Chief Climax. This boar is an extra good individual and has some extra good stuff to show for himself on the place at the present time. He has a very wide back, well arched and carries a good even width from end to end. He hams down extra well and has an extra good bone and feet. Mr. Jackson will price this boar at a very reasonable figure at present and we wish to state that if you are in the market for a good herd boar it might pay you to go and take a look at this fellow as he is surely a good one. When writing please mention The Homestead.

### A Shoe With a Test.

Ordinarily when one buys a pair of shoes he is satisfied when the shoe fits. Too little attention is given to the quality of the materials which are put into the shoe. Shoemakers knowing this to be a fact, have flooded the market with a lot of poor, trashy stuff in the line of footwear that cannot help but give ill satisfaction to the wearer. To those who are convinced of this fact it will be of interest to know that there can now be found on the market a high-grade shoe made of "buffalo calf." This leather is a specially-prepared calf skin which is tanned to endure the hardest kind of usage. It makes up well and results in a shoe of nice shape and good general appearance. On every one of these shoes will be found a small piece of leather cut in the form of a buffalo calf. Anyone who can tear this piece of leather in two with their fingers is entitled to a pair of buffalo calf shoes

## 34 Years Selling Direct

Our vehicles and harness have been sold direct from our factory to user for a third of a century. We ship for examination and approval and guarantee safe delivery. You are out nothing if not satisfied as to style, quality and price.



We are the Largest Manufacturers in the World

selling to the consumer exclusively. We make 200 styles of Vehicles, 60 styles of Harness. Send for large, free catalogue.



No. 316. Light, One Horse, Canopy Top Buggy. Price complete, \$68.50. As good as sells for \$85.00 more.

Elkhart Carriage & Harness Mfg. Co.  
Elkhart, Indiana

No. 656. Combination Top Buggy and Driving Wagon with Stanhope Style Buggy Seat and Bike Gear. Also Extra Seat for Open Wagon. Price complete, \$61.50. As good as sells for \$75.00 more.

## SEED CORN

NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 215 bushels per acre. Costs only 25 cents per acre for seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper.

IOWA SEED CO., DES MOINES, IOWA

free. Ask your dealers about this offer and if he cannot tell you, write directly to Bentley & Olmsted Co., the western people, Des Moines, Iowa. This company will consider it a favor if you mention The Homestead when you write them. See advertisement on page 16.

### Cherry Grove Short-horn Sale.

Mr. Milton E. Jones, of Williamsville, Ill., proprietor of the noted Cherry Grove herd of Short-horn cattle, invites the attention of the readers of The Homestead to the forthcoming sale which will be held at Cherry Grove Farm, on Tuesday, June 4th. This offering is by far the best that has ever gone into the auction ring from this noted herd. Mr. Jones is fortunate in having in service one of the most noted bulls of the breed, Imp. Lord Banff. This noted Scotch bull was shown with great success throughout the season of 1901 and was sold at auction to Mr. Geo. E. Ward for \$5,100, the highest priced Scotch bull sold at auction. At the dispersion of the Ward herd Lord Banff was sold to Mr. Jones and has been doing continuous service in Cherry Grove since. Not only was Lord Banff a noted show bull, but he is one of the very few noted show and breeding bulls of the country. Mr. Jones has secured some of the best Scotch cows of the country and bred them to Lord Banff. Many of these he himself bred, while in other instances he bought the best that could be had. A notable instance of this character was in the dispersion of the famous Tebo Lawn herd. It is doubtful if there are in any herd as large a number of the top Scotch cattle of this noted herd as there are in Cherry Grove. The offering which will be sold at the breeding farm on June 4th is made up of sixty head, nearly all of which are related to Lord Banff. This sale might appropriately be called "Lord Banff" sale. Twenty-five head of young cows, heifers and herd-leading bulls are sired by Lord Banff, while twenty-five females are safe in calf to him. The breeder who is in search of a bull to head his herd, or who wishes to add new blood to a herd already established will find in this offering cattle which will prove profitable to him, and which represent the best the breed affords, both in Scotland and in this country. The beginner who wishes to start right will find in this offering the right kind of cattle to insure his success. An additional advantage that the beginner has is the fact that many of the females have calves at foot by Lord Banff and are rebred to him. Scotch blood predominates, and the Scotch-topped sorts are topped by some of the best bulls used in this country. The cattle will be offered in good, thrifty condition, many of them now running on pasture, and will be appreciated by those present who are looking for cattle of merit, and not those pampered Mr. Jones will be pleased to furnish catalogs to all who are interested in good Short-horns, and will appreciate it if readers of The Homestead will kindly mention this paper when writing. Full particulars in regard to this noted offering will be given in succeeding issues. In the meantime we would suggest that catalogs be secured. Plan to be present sale day, as this is one of the important events in Short-horn circles this year.

### Permanent Water Supply.

The water system which will guarantee to the farmer a permanent, constant supply of water at an even temperature the year round should be highly welcomed on any farm. This kind of a system is possible with the Economy Hot Air pump. The company which make this hot air pump are prepared to equip any farm or dwelling place with a system of water works complete. They claim all the good points of a system in their plan. For full particulars address Thomas & Smith, 17-19S, Carpenter St., Chicago, Ill. See page 14.

### Harvey & Son and Wray & Son's Short-horn Dispersion.

The sale of Short-horn cattle to be held by Messrs. J. H. Harvey & Son, of Maryville, Mo., and B. T. Wray, of Hopkins, Mo., at Maryville, Mo., on Wednesday, May 29th, will be an absolute dispersion of both herds. Mr. Harvey, Sr., began raising pure-bred cattle twenty-seven years ago and has always felt that he was a fixture in the Short-horn business, but other duties have so encroached on his time that he does not feel that the Short-horns can be given the personal attention necessary, hence they are to be scattered and Mr. Harvey hopes to herds where they will be appreciated. Mr. Wray has been breeding but a few years and sells his cattle in order that he may devote his entire time to the Poland China hog. Forty-four head, eleven bulls and thirty-three females are listed. Among these are nine head of Scotch, the balance being Scotch-topped on good reliable American bred families. Each of these gentlemen have when in the market sought for good individuals, then if the pedigree was right, they bought and as a result

## LATE SOWING SEEDS

Dwarf Essex Rape	6c per lb.
Alfalfa (Choice)	15c per lb.
Blue Grass (Fancy Ky.)	\$2.25 per bu.
Seed Flax	1.35 per bu.
Choice German Millet	1.00 per bu.
Seed Buckwheat	1.00 per bu.
Field Peas (All Kinds)	1.75 per bu.
Amber Cane (Early)	1.00 per bu.
Kaffir Corn	1.00 per bu.

Best grades of everything. Prices right. Get our catalog.

## THE ADAMS SEED CO., Decorah, Iowa.

## The Jewell Nursery Co. (Box 16,) Lake City, Minnesota

Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1885. Hardy seeds, trees and plants. Agents wanted—Good pay.

SEED CORN Funk Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

## "Hits the Bulls-eye of the Rockies"

COLORADO — UTAH  
NEVADA — CALIFORNIA  
"There and Back."

Excellent Dining Car Service "Meals On Wheels—Serves you right."

Through Standard and Tourist sleepers.  
Daylight Across the Rockies

MIDLAND ROUTE  
F. L. FEAKINS, GENERAL AGENT,  
219 South 14th St.  
Omaha, Neb.  
C. H. SPEERS, G. P. A., DENVER

they have today some very desirable stock to dispose of. Among the bulls is Harvey & Son's Duchess of Gloster herd bull, Baron's Gloster, a bull that will be three years old in June. He was got by Baron Barmpton of Cruickshank, Duchess of Gloster tribe. His dam Carmel Gloster was got by Sir Charming 2d by Imp. Salamis and out of Sweet Chaffy 2d. His second dam Maggie Gloster was got by Imp. Duval Crown, third dam Countess of Gloster was by Commander, third dam Imp. 22d Duchess of Gloster by Barmpton Prince. Baron's Gloster is a good red, a good individual and in the McGavock show sale at Kansas City in 1905, he was first in class and the champion of the show. Since becoming the property of Messrs. Harvey & Son, he has not been pushed, but has been allowed to develop gradually and has been in constant service, getting for them a lot of young things that show him to be a breeding bull of no mean proportions. Some appreciative buyer wanting an all-Scotch herd bull should be on hand sale day. In younger bulls there are several desirable ones, both Scotch and Scotch-topped. One of these, an Imp. Beauty was got by the Bellows Bros. great breeding bull, Hampton's Best and out of Brewster Beauty 2d by Breadalbane, tracing to Imp. Beauty 15th by Heir of Englishman. This cross has produced many good things for the Bellows Bros. and in this yearling Messrs. Harvey & Son are offering a bull that should be sought after by the more exacting bull buyers. Sons of the great Hampton's Best are in such demand that it is not often they are found in public sales. A Marr Emma is cataloged as Lot 42, Emil. He too, is a July yearling and was got by Grissland Victor, a Cruickshank Victoria bull that was got by Imp. Conqueror. His dam, Emiline, was got by Collynie, a Duthie bred bull that was imported by M. Hanna and has proven such a great sire of choice breeding cows. His second dam, Imp. Emma 33d, was got by Sittytown Pride, by the great Scottish Archer. Then follow dams got by such sires as Marsfield, William of Orange, etc. This fellow should please the most critical pedigree crank as well as the man hunting a desirable individual. Mr. Harvey also sells a number of nicely bred Scotch-topped fellows that will make valuable steer getters. Messrs. Wray & Son sell but one bull, their herd bull Lamont 209556, a four-year-old bull of the Imp. Ianthe tribe. He was got by Rosemont, a C. C. Norton bred bull, sired by Imp. Eanker. Lamont is a good red, an evenly built bull and a breeding bull of much merit. A number of his get go in the sale and they show his worth as a sire. The female part of the offering made by these gentlemen is strong in good, useful breeding mares of which mention will be made next week. There are some Scotch females in the offering that should be looked after by those who want to get a few to add to their herds. For catalogs, address either gentlemen connected with the sale as per advertisement on page 23.

## DIRECT FROM MILLS TO YOU WE PAY THE FREIGHT



Have you ever stopped to consider when you buy a tin roof from your dealer, that you are charged three profits: first, the profit the jobber gets when he sells to the dealer; second, the dealer's profit on the tin; third, the dealer's profit on the tinner's labor? But do you get a satisfactory roof even after you have paid the three profits and the job is completed? Or do you often have to send for the tinner again in a short time to patch up a leak? BEACON-ITE is a long wool fibre roofing that you can buy direct from the mills, thereby saving the jobber's and dealer's profit. You put it on yourself and again cut down the expense. BEACON-ITE LONG LIFE ROOFING will never rot or rust. We want to send you FREE samples of this roofing for your examination and also quote you mill prices. You'll be surprised at the quality and the price. BEACON-ITE MILLS, DEPT. 4, St. Louis

## Louden's OVERHEAD CARRIERS



Do All Kinds of Work  
Clean Barns, Stables and Pig Pens. Convey all kinds of Feed, Milk, Water, Ice etc. Handle Merchandise, Ashes, Coal, Slop, Saw-Dust and a hundred other articles about the Farm, Store, Mill and Factory.  
All the Latest Improvements.  
Raise and lower, and Run on Solid Steel Track, or on Self Returning Wire Track. Warranted Superior to all others. They will save you money and hard work. Then why drag a Go-cart through the mud when by using our Overhead Route you can do your work so much easier, quicker and better. Illustrated Catalogue explains all. Also gives plans of installation, tells how to Preserve the Fertility of the soil, etc. It will pay to Investigate. Address, Loudon Machinery Co., 49 Broadway, Fairfield, Iowa.

## "STOP RUNAWAY"

The ZIEGLER Neckyoke Center is Insurance against broken poles and runaway teams.  
Pole can't let down. Never breaks; years of wear. Only practical center. Simple and costs less than the other kind.  
"ASK THE DEALER."  
ZIEGLER NECKYOKE CO., Coffeyville, Kans.  
Write Today for Free Illustrated "Story of a Runaway"

## WE ARE BUYERS

of primes of CLOVES, TIMOTHY, and seeds of all kinds. Send sample and get our offer. We pay high prices for WOOD. Send us a trial lot. The Adams Seed Co., Decorah, Ia.



May 16, 1907.]

## ADDITIONAL FIELD NOTES.

Mr. Sol Frank, of Sioux City, Iowa, offers a bargain in a hog farm on page 19 of this week's Homestead.

Barred Plymouth Rock eggs are being offered by J. M. Janssen, Sibley, Iowa, at 75 cents per fifteen; \$1.50 per thirty and \$5.00 per 100. Write him and send him an order.

Four fall Duroc Jersey boars are offered for sale by Mr. Carl Hansen, of Herman, Neb. If taken within the next thirty days they will go at \$20 apiece. If you want one of these send him your order.

Mr. Austin Renshaw, of Blair, Neb., is offering three good Duroc Jersey sows for sale bred for July farrow, and he is also booking orders for sows bred for fall farrow. Write him and get his prices on these.

Mr. A. H. Brett, of Mason City, Iowa, has chosen June 27th as the date for his sale of fifty head of registered Short-horns and some ten head of Percheron and Clyde stallions. Announcements will appear later.

Three red Scotch-topped Short-horn bulls are offered in this week's issue by Mr. S. S. Spangler, of Milan, Mo. These bulls are of the right age for service and will be priced for quick sale. Write at once, mentioning The Homestead. See page 22.

Mrs. A. Kitson, Audubon, Iowa, advertises duck eggs on page 11. In making mention of the fact last week in these columns we made an error in stating that her price is \$1.00 for nine; we should have said for eleven eggs. Kindly bear this in mind when you order and mention this paper.

Mr. H. S. Allen, proprietor of the well-bred Mulberry Grove herd of Duroc Jerseys, at Russell, Iowa, advises us that his advertisement is doing the work and the fall boars which he is offering are going to good homes. We always are glad to have our advertisers prosper, and right here we will say that Mr. Allen has a proposition in a show, fall boar sired by Top Notcher Again out of an Advance sow. Wide-awake showmen should lay eyes on him. A few other boars are offered at bargain prices, considering quality and breeding. Write your

wants, mentioning the Homestead, or visit the herd.

Special prices are now being quoted on White Wyandotte eggs by Mrs. L. M. Estes, Audubon, Iowa, on page 11. The flock has laid well this season and Mrs. Estes states that as her hatches have been so uniformly good, she has no hesitancy in saying that the eggs offered are a bargain. Write this advertiser your wants mentioning The Homestead.

A pair of Short-horn bulls are offered for sale on page 22 by the Mt. Pleasant, Iowa, State Hospital. As the state farm here will go into the breeding of Holsteins these bulls are to be sold and no doubt they will go at a bargain. One is two-years-old and the other is three. For further information write Mr. C. F. Applegate, Supt., Mt. Pleasant, Iowa, mentioning The Homestead.

In calling attention to the prizes won by the B. P. Rock flock of Messrs. Aye Bros., Blair, Neb., last week we wish to say that besides those then mentioned they won at the Washington county show, first and third breeding pen which with those previously mentioned makes a record to be proud of. See their egg advertisement on page 11 and mention this paper when you have occasion to write them.

Reduced prices have been made by Mrs. Silas Cobb, Marathon, Iowa, on B. P. Rock eggs and on Pekin duck eggs. This advertiser writes that her flock has laid exceedingly well and the per cent of fertile eggs has been high, due no doubt to the health of the flock which has been insured by plenty of range. For prices, see the advertisement on page 11. When writing kindly say you saw the egg offer in The Homestead.

Hereford bulls of the table-backed kind and of the right age for immediate service are offered on page 22. Five herd headers are in the hunch and as thirty-three head are offered there will be an opportunity to buy in carload lots if desired. Prices are reasonable, as always. Write or visit this herd, which is the property of the well-known breeder, Mr. W. W. Wheeler, of Harlan, Iowa. Kindly mention The Homestead when writing.

Mrs. R. Van Der Wert, Lacey, Iowa, writes that her flock of Barred Plymouth Rocks has been laying well and she can fill a number of orders with eggs from pens that have hatched well at home. As the care of the chicks keep her busy, Mrs. Van Der Wert will close out her eggs at half price from now on. Correspondence will be promptly answered by this advertiser. Mention The Homestead when you order or make inquiry. See page 11.

A fine eighty-acre, well-improved Kansas farm is listed in our advertising columns on page 19 of this issue. As this offer indicates a bargain, intending buyers should lose no time in writing the owner. The farm is situated within a half hour's drive of a good town and will be sold on easy terms. For further particulars write to Mrs. Lizzie A. Bennett, 1001 Neosho St., Emporia, Kan. Kindly say you saw the advertisement in The Homestead when writing.

Messrs. John Schroeder & Sons, of Gardner, Ill., invite the inspection of breeders and prospective buyers of their herd of Red Polled cattle. The stock has wintered well and the young stuff is an excellent lot. Whether you are looking for good, everyday animals or show-yard material you should give these breeders a call. Write them if you cannot arrange to visit the herd. Stock of both sexes is offered. See page 25 for breeding represented.

Messrs. John H. Tryon & Son, Lyons, Neb., owners of one of the best Duroc Jersey herds in the West, report about eighty spring pigs to date and several sows to farrow in the near future. Two of these litters are sired by the \$5,000 boar, Junior Jim. Messrs. Tryon & Son owned a half interest in Junior Jim, and now that he is dead there should be a good demand for these pigs. One of these litters is out of Improver Bell, a daughter of the sweepstakes boar, Improver II, and the other is out of a daughter of Trone's Oom Paul. There are litters by other good boars, such as Advance Lad, Clovercroft King, Junior John, and other well-known boars. The Tryon herd is one of the most intensely Orion-bred herds in the state, there

being five daughters of that noted sire in their herd. They also have several daughters of Proud Advance, and these all have litters this year. Their last sale averaged \$115, which only goes to show that they have one of the greatest herds today in the West. Any of our readers who are thinking of buying a herd boar this year should write them and get their prices on some of these Junior Jim boars out of the Improver II and Oom Paul sows. They are now booking orders for future delivery.

Regarding the Percheron and Clyde stallions which he has for sale, Mr. A. H. Brett, of Mason City, Iowa, writes: "Happy Hooligan 45936 is a dark bay with black points, four years old and weighs 2,040 pounds, is sound, has good style and action, and can show a gait like a driver. He has plenty of bone and a good middle and will make a great horse for a company of farmers to buy. The other Percheron stallion is Cyril 42062, a black with white star. He is three years old and weighs close to 1,700 pounds. He carries exceptionally heavy bone, and is a low-down, blocky fellow. He will make a horse that will weigh 2,200 at maturity easily. He has good style and action and good feet. I also have a Clyde stallion, two years old, Royal Heir 12408. He has fair bone and is a colt that will weigh 1,800 at maturity easily. The blood of this colt comes from the prize-winning class on both the dam and the sire's side. Anybody wanting to invest a few hundred dollars can derive at least 50 per cent on their investment. I also have an imported coach stallion, seven years old; a nice bay horse with splendid bone and good style and action. He was a prize winner in Germany as a yearling and was sweepstakes winner at Indiana and Ohio State Fairs." Mention The Homestead when writing this advertiser.

Mr. J. J. Lehr, of Ransom, Ill., has been breeding Chester White swine for many years and has built up one of the good herds of the central West. At the head of his herd he is using a boar named Springfield Chief. This boar was first in the under six months class at the Illinois State Fair in 1906 and individually is a boar of excellent quality. He has a very good head and ear, is full through heart, has a very good arched hock and spring of rib and stands on good feet and legs. This boar is the sire of all but one litter of pigs on the farm, and among the number are several fit to go into any herd. The sows in the herd were sired by a boar which won first in class at Kentucky, Indiana and Illinois State Fairs. At this writing Mr. Lehr is offering several very good October boars for sale that will do to head herds. They are priced reasonably considering their breeding and individual merit and the farmer or breeder who is in the market for a bred boar can be suited in this lot. Twenty open gilts of October farrow are also offered for sale. They are sired by Springfield Chief (the boar mentioned above) and will make a valuable addition to any herd. Readers of The Homestead in need of very good Chester White swine will do well to write Mr. Lehr, as per his advertisement on page 22 of this issue, kindly mentioning this paper.

A representative of The Homestead recently inspected the herd of Durocs owned by Mr. Ernest Pancake, of Ransom, Ill., and found the spring crop of pigs coming along nicely. Mr. Pancake was a liberal buyer from some of the best herds the past season. His herd boar, Kant's Top Notcher, is a son of the noted Kant's Be Beat and out of Rubertha, the noted prize winning daughter of old Top Notcher. This boar was bred by Messrs. Watt & Foust, of Cedarville and Xenia, Ohio, who have given to the Duroc breeders many of the most noted prize winners of the breed. A number of spring litters are sired by this boar. He is a boar of great length and has a very good back, ham and smoothness of body, stands on extra good feet and legs. This winter Mr. Pancake decided to secure a younger boar and after visiting many of the leading herds selected a fall boar from the well-known herd of Mr. J. Coy Roach, of Girard, Ill. This boar is sired by Ohio Chief and is out of Heleu Blazes III, the \$1,000 sow purchased by Mr. Roach from Mr. H. E. Browning last year. This young boar will be bred to a number of good sows for fall litters and something good can reasonably be expected from the cross, a combination of some of



## The Small Buyer of Paint

who takes care that the Dutch Boy trade mark, shown below, appears on every keg of white lead he buys is perfectly protected; as perfectly as if he were a railroad official buying hundreds of tons, and with a corps of chemists at his back to see that no adulterant is palmed off on him.

Our booklet, "A Talk on Paint," shows why Pure White Lead and Pure Linseed Oil are absolutely necessary to good painting, and gives other money-saving information. Free to any reader of this periodical.

When you buy white lead, look for the Dutch Boy.



### NATIONAL LEAD COMPANY

in whichever of the following cities is nearest you:  
New York, Boston, Buffalo, Cleveland, Cincinnati, Chicago, St. Louis, Philadelphia (John T. Lewis & Bros. Co.), Pittsburgh (National Lead & Oil Co.)

## Free Book For Men



A handsome illustrated book which explains a 11 about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Etc., Kidney and Bladder Troubles, Etc.

This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

**DRS. FELLOWS & FELLOWS CO.,**  
323 Rollins Bldg., Des Moines, Iowa

the most noted breeding to be found anywhere. Mr. Pancake will be pleased to furnish prices and description of young stock and is now booking orders for spring pigs. Look up the advertisement on page 22 of this issue and kindly mention The Homestead.

Mr. W. F. Hemmerling, of Dike, Iowa, writes that the Model herd of Chester Whites are doing well. The spring crop will number around seventy-five fine youngsters. They are sired mostly by his Peerless boar, Modeler 13235. The winnings of this sire for 1906 are without equal, considering his age. He made a hit at five of the leading state fairs, namely, Iowa, Minnesota, Wisconsin, Kentucky and Illinois. At Iowa he was breeders' champion, and he won five firsts at as many fairs. The gratifying thing is the showing that his pigs are making. Mr. Hemmerling will book orders now, but will not ship before September 1st. Now is a good time to order, however, as the supply will not be up to the demand. A few fall gilts are being bred to Modeler to farrow in September. These gilts are choice, sired by the winning W. F.'s Model 12101. Drop a card for this breeder's catalog and note the change of advertisement on page 25. Address Mr. W. F. Hemmerling, Dike, Iowa.

## No-Tar Roofing

Flint-Coated, Waterproofed Toughened, Guaranteed Samples for Testing FREE

We want to send you a Free Sample of No-Tar Roofing and tell you 10 ways to test it. Test it with water, heat, acid and alkali. Note its strong wool fibers. Test its toughness. Test it for tar—you'll not find a trace. It's made from Asphalt. Compare its quality and price with other kinds of roofing. Then figure on cost per roof, and you'll find that No-Tar Roofing is cheaper and better than shingles, steel, tin or gravel roofing.

**FREE Roof Book and FREE Samples**

We will send with free samples a copy of our illustrated Roof Book. This handy little book tells just how to apply No-Tar Roofing to new buildings or over old shingles—Residences, Barns, Cribbs, Poultry Houses, Outbuildings, Stores and Factories. Shows you how to make valleys, gutters, etc. How to make the cuttings and flashings around chimneys, skylights and firewalls. How to make all joints water tight. How to cover old shingle roofs. How to measure a roof. It tells how No-Tar Roofing is made and why it is so economical and satisfactory.

Leading dealers sell No-Tar Roofing. Special nails and liquid cement FREE in every roll. Write for FREE ROOF BOOK and FREE SAMPLES today. Address **THE HEPPESS CO., 2482 Fillmore St., Chicago**

Dealers—Write and we will tell you how to quickly build up a profitable Roofing Department.

## WANTED

INFORMATION regarding good farm that is for sale and which can be bought of owner. No agents need answer. Wish to hear from owner only willing to close his own deal and save buyer paying big commission and fancy price to some agent. Would also like to hear of good small business for sale by owner. Address, **INFORMATION DEPARTMENT, Locator Publishing Co., Minneapolis, Minn.**

## HAY TOOLS

Buy your Hay Tools direct from the factory and save money. Get them at first hand—at first cost. Get your hay up in half the time with our hay tools. Send for free book. **CANTON FOUNDRY & MACHINE CO., 614 Eighth St., Canton, Ohio.**

## BUY DIRECT; SAVE HALF

From factory to you. Our illustrated catalog is free. Write for it. You can buy cheaper than your merchant. Strictly a mail order factory. Trunks, Suit Cases, Bags.

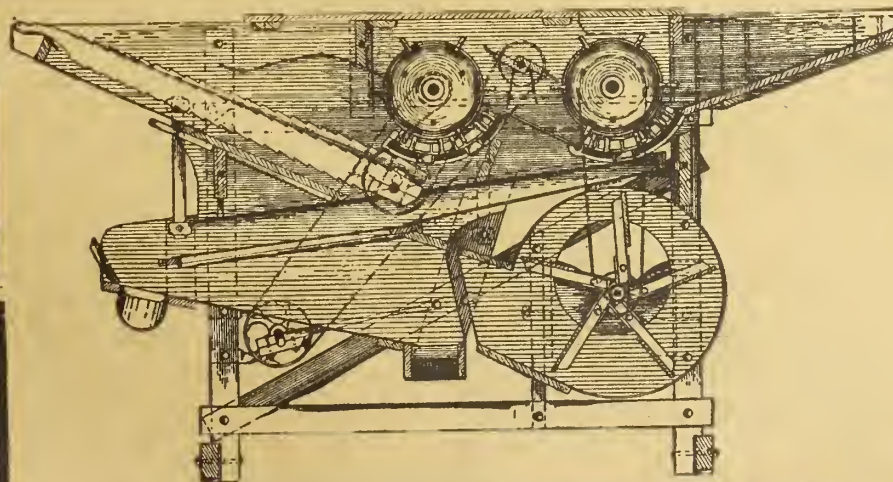
**DES MOINES TRUNK FACTORY, DES MOINES, IOWA.**

**\$60 Gilson Gasoline Engine**  
"GOES LIKE SIXTY"  
All Sizes. Send for Catalog.  
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Farmers from all over the country are becoming more and more interested in beans and peas. This is more particularly true where the land is becoming "worn out" and does not produce good crops of such grains as wheat, oats, barley, corn, etc. Beans and peas, being leguminous plants, bring nitrogen to the soil, which is just the element that other grains must have. Aside from the value of beans and peas as soil improvers, the grain is very valuable, and the vines make the best kind of stock food. The great drawback has been the proper machinery for thrashing beans and peas without splitting them. This difficulty has now been entirely overcome, however, as the J. L. Owens Company, of Minneapolis, Minn., are manufacturing and selling a strictly first-class line of bean and pea thrashers guaranteed to thrash in the most satisfactory manner. We thrashers are made in four sizes to suit the needs of the large and small grower. We should advise all of our readers who are interested at all in beans and peas to write for a copy of their new book entitled "How to Successfully Grow and Handle Your Bean and Pea Crop." This book gives a great deal of valuable information in regard to the market, feeding and soiling value of beans and peas, aside from telling all about the full line of thrashers. A copy of this valuable book will be mailed free to all who address the J. L. Owens Company, 614 Superior St., Minneapolis, Minn., and mention this paper.



OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

WITH THE EDITOR.

It will not be long now till the agricultural schools, the girls' colleges, and the state universities will be closing their doors for the summer season, and, mayhap, you will be at the depot with the team and the light spring wagon waiting till a dear one steps off the train.

How your mind turns to look back into the past years, and to again view the pictures stored away there! One picture, never to be forgotten, is of that day when half-gladly, half-fearfully your darling parted from you to go out into that wider world—the world of away-from-home. Another is of the night when, the others having retired, you three sat in the lamp-light and having talked it all over once again, finally decided. It was like the splitting of a hair to decide "which way."

That first year—so long in hours and minutes—so quick in months and seasons—went by, and you were all expectation for the return. The train drew up and your breath caught in your throat. Yes, it was the same child, yet—somehow so different. Oh, a year's growth in the late teens means so much—more so when away from home.

The letters that came to you at home during the next year were not so satisfactory—they told less, and the money demands were greater. You two had expected a little increase, but—well, you two talked of it together with just a little bit of bitterness. You had to deny yourselves even more than you had intended.

At the next home-coming, you felt a vague yearning for a lost something, and down in your secret soul more than half wished that the "which way" had been decided otherwise. There was a difference in the child in lack of respect for things you held so sacred; things that you regarded as fundamental as the foundations of the earth were treated as being very inconsequential, and

many frivolous words and chafing expressions made your ears tingle. Your looks of pain were quite unnoticed, and your remarks set aside with youthful positiveness. Yet there was something in the manner in which the youngster behaved before others of like age that gave you a secret feeling of proper pride, and brought a healthy glow to your heart. Something down underneath all this shoddiness seemed to ring true with your own ideas and ideals, though never, in your mind, had they been pictured in similar ways nor with such college-bred words. This year there were such mixtures of sweet and bitter that you were in a state of unrest, a frightened hoping unrest.

And then the third year! That was the year you went east to bury your only sister, and stopped off at the college town on your way back, hoping that a sight of and a little visit with this dear one of yours would hearten you up again. Oh, the joy of that weekend; how near you seemed to each other, you two off there among all those strangers. How time seemed to roll back as you two went strolling about, and in and out of those great buildings that seemed to mean so much and were so overpowering to you with all the bustle and business-like method, the comings and the goings. The kind way in which the teachers spoke, and even the president himself, of that child of yours, meant much, very much. Students showed their regard, as they passed, by a cheery word, a kindly smile, and many gladly greeted their class-mate's parent. Here, you felt, you were being borne on a foundation not your own; you were received for not your own worth, but another's. And something awakened which had been slumbering in your consciousness and said, "My child lives not my life; nor I my child's."

That next summer was lonely. You two were alone; for things had not gone well on the farm that year, and one day a letter came, saying, "I am offered an opportunity to earn quite a sum during vacation and hope to accept it." You two looked at each other; you did not like it, but there seemed to be no other way, so at length you wrote giving permission.

And still another year sped on. That was the most anxious one yet. There was sickness at home; money matters were tight, and you did not feel quite right about the one away from home. Some disquieting rumors reached you. It was only when you stood under the old vine covered porch in the evening's calm for a moment's repose at the end of the day that you were able to collect these many and varied threads that were weaving themselves into your life. It was only then that you were able to free yourself from the bondage of the near, from the tyranny of the day's grind. That blessed evening time, though only a few seconds' duration, when the sky seems to breathe down peace, and the clear steadiness of the stars, always there, always shining, though cloud or sun intervene!

But the whistle of the in-coming train brings you to a recollection of why you are waiting at the railway station, and when, from amid the bustle of arrivals

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We give you \$4.20 worth of the Best Soap Absolutely Free if you accept our "4 Months Free Trial Offer" for the Wonderful, New, Ball Bearing, "Dan Patch Washer." This marvelous, new machine washes clothes snow white, in less time and without tearing off buttons or injuring the most delicate fabrics. A small child can easily and safely work the ball bearing "Dan Patch Washer." It is the Easiest, Fastest, Cleanest, Most Economical and Best Made Washing Machine. Name This Paper and we will mail you Free a Finely Illustrated Catalogue of the "Dan Patch Washer," also a Splendid Colored Lithograph showing the Beautiful and Intelligent Head of Dan Patch, 1:55 and also a "Free Trial Offer Blank" to mail us if you accept offer. We do not require a cent of money, note or deposit. We give you \$4.20 in soap whether you keep the "Dan Patch Washer" or not. Write to THE INTERNATIONAL FACTORIES CO., Minneapolis, Minn.

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Model classes in Kindergarten, and Primary Grades, including Third, Elementary School in which children of any age or grade below the high school will be taught.

Pleasant location in Iowa's Capital City, Provision for those who wish to begin work at any time after May 10th, making it possible to get three months instructions in certain lines.

Graduating classes at the close of each summer term. The only school in the West in which the entire faculty is selected, and the whole organization planned for the exclusive benefit of the Summer School student body.

The faculty of 1907 has been selected with greatest care, and the success of the work is therefore assured. Tuition low when excellence of work is considered. Living expenses lower than elsewhere for like accommodations. Announcements now ready. Reduced rates on all railroads.

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THE MOWER

THAT will kill all the weeds in your lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12 in. Mower, \$5; No. 2—15 in. Mower, \$6; No. 3—18 in. Mower, \$7; No. 4—21 in. Mower, \$8. Send draft, money order or registered letter. Mention the Homestead when writing.

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REMANANTS for fancy works, beautiful pieces, corners and squares, new bright colors. Large Package 50 choice pieces with embroidery silk and 5 yards pretty Silk Rib bon all post paid only 10 cents. 3 lots for 25c; 1 lot for 75 cents postpaid. Address Seville Lace Co., West Orange, New Jersey.



cayed vegetables and fruits in there. The days will be growing warmer and the decayed vegetation in the cellar is often responsible for a great deal of sickness.

IN LAYING LINOLEUM.

In covering a floor with linoleum allow one inch at each end for shrinkage, and do not tack it to the floor for several days. By that time it will be well set to the floor without any creases in it. If the floor is


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THIS may sound peculiar, but it is a fact nevertheless. The fault is more than likely with your shoes. Cold, damp feet, sudden changes by stepping on cold, wet pavements and sidewalks, cause Rheumatism. Any sufferer from Rheumatism knows how gladly he would obtain relief.

Kirkendall's Cushion Soled Shoes

have met with wonderful success. To those suffering with Rheumatism, Corns, Calloused places or any foot troubles, we say: Wear our Cushion Soled Shoes six months; we guarantee relief, if not a complete cure.

These Cushion Soled Shoes have been worn with great satisfaction and relief by Rheumatic sufferers. Their benefits are plainly seen. First, they absolutely conform to the shape of the foot; the foot bears evenly; the sole of the foot, with its tissue-like skin and myriads of nerve-centers, is kept warm, dry, comfortable, and at a continuously even temperature. The jarring so irritating to nervous and rheumatic persons is lessened and removed, and one's walk through life is made easy.

Kirkendall's Cushion Soled Shoes are made in all lasts, leathers, widths and sizes. Often they have been prescribed by physicians for rheumatic, nervous, delicate persons.

If your dealer has not them in stock, write us and we will learn why, and at the same time will advise you the nearest place to obtain them.

F. P. KIRKENDALL & CO. 1101-1105 HARNEY STREET. OMAHA, NEBRASKA.

and departings, steps out that one, who is so much to you and of you, coming forward in all the brisk brightness of clean trim Americanliness, and the dearly loved voice—though so changed—rings in your ears once more, you feel with a swelling heart that you—poor little hard-struggling, narrow-circumstanced you—have something worth while to be thankful for.

That night, with this young picture made even more bright by the joy-drops trembling on your lids, you see that it was worth while, well worth the while to give to your country a being who will make a better citizen than you can be. And in your thought you visit round among your friends to tell of, to show your treasure, when it occurs to you, "That is what they, too, are striving for. Blindly it may be, even unconsciously, but all parents, each in his own way, wish the child to be finer, nobler, truer than they themselves were—or could be."

That is what makes an American!

HOME AND HOMEMAKING.

LITTLE HELPS BY THE WAY.

My life is a brief, brief thing, I am here for a little space, And while I stay, I would like, if I may, To brighten and better the place.

Let go the notion of being or doing anything in future. God knows no time but the Eternal Now. You can never know any other time, for there is no other. You cannot live an hour or ten minutes in the future. You cannot live it until you reach it, and then it becomes the Now.

A GARDEN SEAT.

If you are cutting down trees in the yard, save two stumps which are close together, for the purpose of making a substantial basis for a garden seat, or, if you desire, have two large pieces cut and put in the place where you wish this seat. Cover it with a large flat board for a seat, make a suitable rustic back and arms. If desired, the grape vines can be interwoven through the back and arms, and over it can be grown pretty trailing vines. This is a good idea for country people who have an abundance of room for just such benches, which adds so attractively to their spacious grassy lawns.

JUST A FEW SMILES.

"Sir, I want your daughter's hand."  
"You may have it with the greatest pleasure, dear boy, if you'll take the one that's always in my pocket."  
"Married him a week after meeting him?"  
"Yes; I didn't know him very well. That's true."  
"Well, nothing like marriage to get one acquainted."  
Baby Dolly, aged five, was out with her father one day, when he took her into a shop and bought her some chocolates. On the way home she felt rather tired. Suddenly a bright idea came to her. She looked up at her father, and said:  
"Daddy, I'll carry the chocolates if you'll carry me."

IN THE CELLAR.

Now is the time to hang the red flag in the cellar unless you propose to take out the de-



very uneven it should be covered with newspaper, then a linoleum will last twice as long as when the boards crease places in it. Unless badly soiled linoleum should be washed with warm water in which there is a little milk, either sweet or sour, but this is objectionable in summer, since the sweet odor attracts flies. Pieces at the doors should be bound with table oilcloth, as it is there where linoleum first breaks. Old pieces can be painted in bright colors to serve double time of usefulness.

#### WHAT TO DO WITH COLD POTATOES.

Potato Salad:—Boil potatoes without paring and only till barely done. Slice thin and if large cut in quarters before slicing. Slice one small onion. To one quart of potatoes mix one teaspoonful of salt, one salt-spoonful each of paprika, mustard and white pepper, add ten tablespoonfuls of oil, pour it over the potatoes and mix thoroughly. Then add four tablespoonfuls vinegar. When serving arrange at the base a circle of sliced eggs, from each of which clip a small edge, and garnish with celery foliage.

Hashed Potatoes au Gratin.—The possibilities of cold boiled potatoes are great. Chop eight medium sized ones and place them with a half cupful of milk over the fire. Add one tablespoonful butter and a pinch of salt and

pepper. Cover and cook five minutes. Remove and pour the potatoes into a baking dish. Sprinkle half a cupful of grated cheese and two tablespoonfuls grated breadcrumbs over the top. Pour over a little melted butter and bake a light brown in a hot oven. This could be daintily served packed in a cheese mold.

#### CHOCOLATE NUT FROSTING.

Boil one cup of sugar and half a cup of water, until it forms a thread when tried with a spoon. Pour in a fine stream, beating constantly, on to the beaten yolk of two eggs. Then pour this mixture on to a square of melted chocolate, add the chopped meats remaining from a pound of unshelled nuts, and half a teaspoonful of vanilla extract, and beat until cold enough to spread.

Eggs with Canned Corn.—Chop a quart can of corn; add four beaten eggs, a tablespoonful of cornstarch, a teaspoonful of half milk and half cream; season to taste with salt and pepper, and bake half an hour.

#### AMONG OURSELVES.

Some little time ago it was proposed that the men give us their ideas on prohibition. Whether they failed to notice the request, or whether they have no ideas on the subject, or whether they had not time or inclination to put their ideas on paper, it is, of course, impossible to say, but they have been very slow to accept the invitation given them. I am sorry about this. I hope we may yet hear from them, and today I have pleasure in presenting to the circle a gentleman who has been with us before, though under another name:

Aunt Jane's letter and Mrs. Walker's request for a discussion of the liquor traffic move me to give my opinion. One young man said to me that strong drink caused the ruin of all young men who go wrong. Strong drink brings the brute to the surface; it deadens man's conscience, it is first and always present in all forms of vice. I believe the only way to deal with the liquor traffic is to prohibit it by law. It is never right to license or allow evils to exist if it be possible to prohibit them. The liquor business is the greatest curse of our nation, and also the best organized industry to prevent laws being enacted and executed to prohibit its sale. The greatest lever we can use to force the enactment and execution of prohibitory laws is public sentiment. We must educate the people as to the effects of alcohol on a man's physical, mental, and moral being. This education will create public sentiment in favor of temperance. When we get laws to prohibit the liquor traffic, then, because of the great number who believe in the open saloon and love to have the laws enforced. The Kansas law prohibiting the sale of liquor became almost a dead letter. Political parties took opposite sides regarding the enforcement of the law, and, though we elected the men who declared no joint would be open thirty days after they took the oath of office, the liquor traffic continued by means of boycott, bribes and threats. The business men of the towns dared not take sides, so it was up to the farmers of the county. We organized through our Sunday schools. Every township had its superintendent. Each Sunday school gave special attention to temperance; the result was that the Christian people supported the law with their influence and pocket-books, and hired able attorneys to prosecute all joint keepers. They have paid fines of several hundred dollars apiece, and served time in jail. Now both political parties declare for the enforcement of the law. We hope for a national prohibitory law. Eternal vigilance is the price of freedom from the bar.

"A bar to heaven, a door to hell;  
Whoever named it, named it well;  
A bar to manliness and wealth;  
A door to want and broken health;  
A bar to honor, pride, and fame;  
A door to grief, and sin, and shame;  
A bar to hope, a bar to prayer;  
A door to darkness and despair;

The most important thing in the world to me is a lamp-chimney.

I have been for years and years making the best, and always trying to make them better. I put MACBETH on them and no one ever disputes my claim.

The Index explains how to get a MACBETH chimney to fit every lamp, and how to care for lamps. Sent free to everyone asking for it.

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We build ornamental fence that looks well, and is as good as it looks. Strong steel wires, crimped and interwoven with cables so none can get out of position. Choice of several styles for Lawns, Public Buildings, Churches, Parks, Cemeteries. Our catalog will interest you.

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We manufacture Lawn and Farm FENCE. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is free. Write for it to-day. UP-TO-DATE MFG. CO., 927 10th St., Terre Haute, Ind.



Ornamental Fence—Cheaper than wood—for lawns, churches and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue Free. WARD FENCE CO., Box D, MARION, IND.

## A Shady Transaction

If anybody sold you some lumber and if upon careful examination you discovered that it was really not solid timber but merely short pieces spliced together you would call it a shady transaction. That is about the kind of a proposition you are up against when you buy cut stay fence.

It's really not a first-class, full strength product. About half of its strength is wasted—sacrificed to convenience and speed in manufacture. Our stay wire is NEVER cut. It runs continuously up and down across the fence for many rods without an end, thus preserving and utilizing ALL the strength and service there is in the wire.

**30 Days Approval.** Let us prove to you that Advance Fence is the best made fence on earth. We offer to ship you all you need on 30 days approval. We want you to examine it carefully and compare its construction with other fences. You may stretch up a part or all of it and turn your stock against it. In fact give it any kind of a test you wish.

Then we will let you be the judge—absolutely. If you do not like it send it back and it won't cost you a cent as we will pay freight both ways and refund to you every cent you paid. We know that Advance Fence will please you or we would not dare make this liberal offer.

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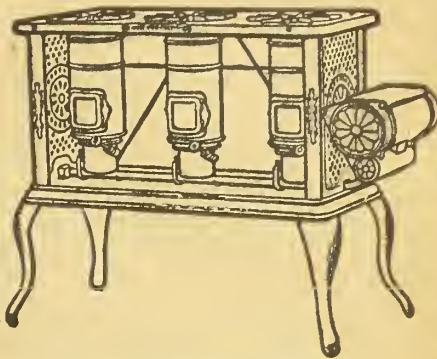
Because it's clean.  
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Because it saves time.

Because it gives best cooking results.  
Because its flame can be regulated instantly.

Because it will not overheat your kitchen.  
Because it is better than the coal or wood stove.  
Because it is the *perfected* oil stove.

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Made in three sizes and fully warranted.



The **Rayo Lamp** cannot be equaled for its bright and steady light, simple construction and absolute safety. Equipped with latest improved burner. Made of brass throughout and beautifully nicked. An ornament to any room, whether library, dining-room, parlor or bedroom. Every lamp warranted. Write to our nearest agency if not at your dealer's.

STANDARD OIL COMPANY  
(INCORPORATED)

A bar to honored, useful life;  
A door to frowning, senseless strife;  
A bar to all that's true and brave;  
A door to every drunkard's grave;  
A bar to joys that home imparts;  
A door to tears and aching hearts;  
A bar to heaven, a door to hell,  
Whoever named it, named it well."

This practical sort of talk is what a circle like ours needs. There is always the danger of doing too much theorizing. I wish we might offset this danger by hearing from those who are doing things, whether it be keeping the house clean or keeping the country clean, helping make the school better or helping make the community a more agreeable place to live in. Come, friends, you who are working, tell us what you are doing that we may catch your spirit, learn by your ups and downs and be stirred up to become workers also.

The circle was promised a continuation of the discussion of dancing—from a somewhat unusual point of view. Mrs. S. E. O., will talk to us from the standpoint of practical experience:

Ever since the subject of dancing was brought up for discussion, I have been waiting to see if there could be anything new said, either for, or against it. No! I do not think it is because we are becoming less strict in regard to amusements. The same conditions, and temptations, must be faced now that existed when we were young. If you will pardon me I will give you a leaf from my life. When a girl in my early teens, it would have been hard to find one more full of fun, and more ready for a good time, than I was in those days. We lived neighbors to a family whose young folks were lively, and danced. I was quite susceptible to flattery, and when they would tell me what a graceful dancer I would make (for they really taught me the first steps) and that I would appear better, etc., it seemed to me, that that was just what I wanted. I listened to many discussions between our neighbors and my parents on that subject. I would say right here, my father was descended from good old Puritan stock, and both parents strongly opposed dancing. Out of regard for their wishes I curbed my desires for that kind of amusement, and the current of my life soon changed. From being a weak Christian, "looker on," in the church, I became a worker. I was asked to teach a class in Sabbath-school which I accepted. The results of that change no one will ever be able to tell in this world, but let one once become interested in church work and new paths will continue to open up, till things like dancing and card playing, will seem very, very shallow. And now when asked by any young person, why it is wrong (for plenty of church members engage in it,) I tell them though there may be no sin in the act of dancing, much wrong has resulted from it, and there are plenty of amusements that are unquestionable. If you want to be a power for good in this world, choose the best in all things. I have been much interested in how to keep our boys from the Sunday ball game, and in the Sunday school. Some of the pieces were so to the point I felt like hanging them on the wall, where all could see. I should like to

## The Iowa gate - FOR THE FARM -



By sliding this ring back the largest hogs may pass under

AND have the run of two lots. Or raise your gate to drive hogs through, then your larger stock cannot get out. **RAISING THE GATE** is simple enough but very handy your gate swings on uneven ground or when the outer end drags. **IOWA gates** will raise up for winter use—are not bothered by wind, rot, or fire. Are easy for women to handle but strong enough for any stock.

**CHEAPER THAN WOODEN GATES** and will outlast a dozen. Write today for our circular.

**IOWA GATE CO. 9TH ST. CEDAR FALLS, IOWA**

## DON'T RUST FENCE

40 Carbon Spring Steel. Extra heavily galvanized. No Agents. 30 days free trial. Farm and Poultry Fence, Catalogue No. 140. Also 40 Styles Lawn Fence, Catalogue C. Catalogue Free. Write for one or both. **THE WARD FENCE CO. Box 404, MARION, INDIANA**

hear the question of Sunday visiting discussed, these two points especially: Should we let visiting, or visitors, keep us from church, and should we stay away from church, if we do not like the preacher as well as we might?

"As the twig is bent the tree inclines," is a proverb which has a wider application than is generally recognized. It would be interesting to know where Mrs. S. E. O. would be now had she yielded to the impetus of amusement instead of Christian work. And yet we must bear in mind that some of the sanest, most useful workers in the world have danced all their lives and see not the slightest harm in it.

Last week "Grey-Eyes" gave us her views; this week "Black-Eyed Susan" comes to give hers—on the relations which should exist between mother and daughter:

I have been for some time a silent reader in this circle, but at last I have decided I can keep still no longer. Should a girl give her mother her confidence? I say yes, by all means. But let me say right here that all the blame doesn't rest with the girl. Mothers, start from the first to teach your daughters



ter you are her truest friend, then she will come to you instead of going to some silly girl friend. A girl who has been taught this way from the beginning will never do anything she would be ashamed for mother to know. How many girls would be rescued from a life of shame if at the first wrong they would seek a mother's advice. Oh, girls, don't have secrets from your mothers. Another thing which I was interested in was what age a girl should be to keep company with a young man and the liberties he should be allowed. Sixteen is far too young for a girl to think of having beaux. Too many girls foolishly believe themselves to be in love and this often leads them to do things they'll afterwards be sorry for.

"Black-Eyed Susan" is a sensible girl. I hope all the girls in our circle will remember what she has said today. Perhaps mothers also will hide away in their hearts the little hint she gives them.

Most of the members of this circle live in the great central West and although this is the day of many railways and much traveling the Pacific coast and the Southland is more or less undiscovered country. Of course our friends who live there talk charmingly and allowance must be made for that, but I notice that there is an unusual flutter of expectation when it is announced that this or that friend from these far parts is to speak to us. Your curiosity is now aroused; this is what I wanted. Mrs. Clara S. Everts, of Ridgeland, Miss., will endeavor to gratify it:

We were much interested in the Poultry Symposium in the issue of April 14. Here in central Mississippi is as nearly an ideal poultry country as can be found. Winter eggs are as high or higher here as in the North, because comparatively few of the old residents give any attention to poultry whatever, and hens roosting in trees are not going to lay in the winter even in a mild climate. We all know that winter eggs bring the money. We know, too, that the nearer we can come to summer conditions, the more eggs we will get; as summer is the natural laying time. Here, by a little forethought we can have plenty of green feed all winter, and I have learned by experience that it makes the winter eggs. No matter what else is fed them, without plenty of greens of some kind they will not do their best. We are raising full blooded White Leghorns and White Plymouth Rocks and are having most excellent success. After the chicks are a week old we feed them entirely by the "hopper method." That is, we keep the feed before them all the time so they can eat whenever and all they please. We have runways about 3x6 feet attached to each brood coop, which gives the hen plenty of room for exercising and dusting, and keep her confined all the time until we find she is weaning her chicks or she begins to lay again. When we fed the chicks every two or three hours they stayed close to coops and spent little time foraging. Now they roam all over the garden and orchard, finding innumerable bugs and worms, but not doing the least damage, and consume no more food than formerly, but are growing better than before. This saves so much of my time and strength. I use small, shallow pans for their feed and fill them twice a day when I water.

ADDITIONAL FIELD NOTES.

Two coming Nebraska Duroc Jersey sales early next year are those of Mr. Robert Pritchard, of Carroll, and Mr. W. M. Lessman, of Wayne, January 23d and 24th respectively. These sales will no doubt attract the attention they deserve, and their merits will be enlarged on in due time in these columns.

Mr. J. J. Lehr, of Ransom, Ill., breeder of Barred Plymouth Rocks, is offering eggs for sale at \$1.50 per fifteen, from high scoring pens. The cockerel used by Mr. Lehr scores 92½ points and his flock has plenty of farm range and are big, strong boned birds. Write your wants. Kindly mention The Homestead.

A horse trading proposition, and a straightforward one in every respect, is made on page 22. Any owner of a young draft stallion who would like to trade the same for a fashionable standard bred three-year-old stallion should write at once to Mr. F. L. Williams, of Postville, Iowa. Kindly mention The Homestead.

THE GILSON.

On page 13 is advertised the Gilson Gasoline Engine. This shows only one size of the many different horse power that this factory turn out. Their machines have a reputation of "going like sixty." Fuller particulars may be learned by writing for catalog. Address Gilson Manufacturing Company, Park St., Port Washington, Wis.

A FINE HOG FARM FOR SALE.

One of the finest suburban hog farms, near Sioux City, Iowa, fourteen acres, good barn, hog and chicken house, granary, corn cribs, all kinds of small fruit, fenced hog tight, and cross fenced into hog lots, all equipped for hog business with 100 head of pure-bred Duroc Jerseys now on it, is offered for sale by Mr. Sol Frank, of Sioux City, Iowa. He will sell the farm and keep the hogs or will sell the whole to the right party. Mr. Frank must give his attention to his tailoring business is the only reason for selling. Here is a bargain for some good hog man. Write Mr. Frank for further particulars at once.

THE ELI GASOLINE ENGINE.

The Eli Gasoline Engine is regarded as one of the most trustworthy engines of its kind on the market. It can be trusted to run hour in and hour out, winter and summer, with the minimum of attention. This good feature about the engine is secured by simplicity of construction. Complicated levers, valves, pivots, and other features of this kind are eliminated to the greatest extent possible. Every engine is backed by a guarantee which represents progressive business of forty-four successful years. This engine is sold direct to the user. A free catalog will be mailed to anyone interested if he will write to the Moline Pump Co., 303 Twentieth St., Moline, Ill. See what they say in their advertisement on page 4.

CANADIAN WHEAT FARMS.

In the famous, well-known districts of the Saskatchewan valley, Goose and Great Quill lakes, plains and adjacent country are some of the richest wheat farming lands in the north. This is the great hard wheat district of the world. Over 500,000 acres of this land is available to settlers. This land has been producing, where it has been cultivated, from thirty to fifty bushels of No. 1 hard wheat to the acre. Here is an opportunity for those looking for wheat land at moderate prices to invest in lands that will undoubtedly prove highly profitable. For maps, price-list and other particulars, address, Stewart & Matthews Co., Ltd., 305 Jackson St., St. Paul, Minn. Kindly mention The Homestead when you answer the advertisement. See their advertisement on page 19.

HERD HEADING SCOTCH SHORT-HORN BULLS.

The Malaka herd of Short-horn cattle, owned by Mr. H. D. Parsons, of Newton, Iowa, has some attractions to offer the Short-horn world at this time. Mr. Parsons is recognized as not only one of the oldest breeders of Short-horns in Iowa, but a breeder in whom everyone has implicit confidence. As has been often stated to the writer by those who have had business relations with Mr. Parsons, his word is as good as a government bond. It certainly is a pleasure to do business with a man of this character. Mr. Parsons has for sale at this time some very choice bulls, fit to head good herds. Of course, his price on this character of bulls may be a little beyond that asked for more ordinary ones, but they are richly worth the difference.

ALFALFA, RAPE, CANE AND OTHER SEEDS.

are cataloged and priced by a reliable Iowa seed firm elsewhere in this issue. This dealer reports a nice season's trade and has a fine grade of seeds of all kinds in stock which he is making special prices on. Besides the seeds we mention in the beginning, this firm carries fancy Kentucky blue grass, flax, millet, buckwheat, field peas of all kinds, cane seed and kafir corn, and will price these seeds in bushel lots. Those who have clover, timothy or other seed of good quality should submit them samples for their prices, as they are buyers as well as dealers. They will also quote you prices on wool. Address Adams Seed Co., Decorah, Iowa, and when you write them say that you saw their advertisement in this paper. See page 12.

RHEUMATISM IN SHOES.

If it were more generally known that the kind of shoes one wears bears a close relation to the amount of rheumatism they suffer, people would be more careful about what they put on their feet. The purposes of shoes are to keep the feet dry and warm and protect them from sudden and unfavorable changes of weather. A great many shoes on the market fail to do this. Any sufferer from rheumatism is well aware of this. To those suffering from foot troubles, as well as rheumatism and similar muscular and bone afflictions, we would advise the trial of Kirkendall's Cushion Soled shoes. These shoes have been worn with the greatest satisfaction and relief by rheumatic sufferers in general. Kirkendall's Cushion Soled shoes are made in all lasts, leather, width and sizes. We would heartily prescribe them for the use of nervous and delicate persons, as well as others who desire a first-class article in foot-wear. If your dealer does not have



Simpson-Eddystone Silver Greys

The same high quality of these famous prints has always been maintained, with increasing beauty of patterns. Some designs with a new silk finish. All with fast color. For all the year round dresses.

Ask your dealer for Simpson-Eddystone Silver Greys. Three generations of Simpsons have made Simpson Prints.

The Eddystone Mfg. Co. (Sole Makers) Philadelphia.



PORTER'S Hay Carrier "Meadow King"

The carrier that represents the limit of all that is up-to-date in hay carrier construction, design, finish and manner in which it does its work. The carrier with wide open mouth and with swinging fork pulley. With this carrier you can fill the mow closer to the roof of the barn than with any other hay carrier. The throat of the carrier has a very large opening, which permits the pulley to approach with a swinging load and the load can swing in either direction when locked in the carrier. This carrier can be swiveled either on or off the trip-lock, or can be reversed by pulling the rope directly through the carrier. The lock is perfect. Write today for free, illustrated catalogue, explaining this carrier.

J. E. PORTER COMPANY, OTTAWA, ILLINOIS

Wealth in Irrigation

New Opportunities to Acquire Home and Independence Cheaper than Paying Rent—Crops Large and Certain

On Tuesdays, May 7 and 21 and June 4 and 18, 1907, I will personally conduct you to this LAND OF OPPORTUNITY, to the growing towns and fertile, irrigated valleys of the Big Horn Basin, Wyo., where you can enter 160 acres of irrigated land at 50c. an acre plus cost of water; also the Yellowstone Valley with its beet sugar factory and irrigated lands. Do you want to go?

The Government is spending millions for irrigation in these localities.

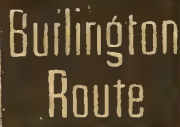
These lands, adjacent to the Burlington Route, are as rich and productive as any the sun shines on, and lie along beautiful streams with an abundance of pure mountain water. Plenty of timber and coal. Climate, ideal.

Why pay rent when for same payments you can own your own home?

I am employed by the Burlington Route to show these lands and my services to you are free.

SPECIAL ROUND TRIP RATES from Omaha, Lincoln and Kansas City, \$20, St. Louis \$23, Chicago \$25. Excursions leave Omaha 4:10 p.m., Lincoln 6:00 p.m., Kansas City 9:50 a.m. and 6:05 p.m., St. Louis 8:02 a.m., and Chicago 9:15 a.m., on dates named.

NEW FOLDER FREE. For our new folder with large map, telling all about these lands, the markets, what the farmers raise, how to acquire title, and much other valuable information, write to



D. Clem Deaver, General Agent, LAND SEEKERS' INFORMATION BUREAU, 1009 Farnam St., Omaha, Neb.

3320

Free WEAR "Buffalo Calf" SHOES

Say on a postal card to us that you would like to see and test

This Test-Tag on Every Pair

one of these "Buffalo Calf" Shoe Leather Tags. We'll be glad to have you. These tags are stamped from the best seasoned, best wearing, most comfortable leather for hard-wear shoes made by anybody anywhere. It is what we put in "Buffalo Calf" Shoes, which are worn by more practical men who have to give their shoes hard usage than any other shoes in the West. Try a pair. Ask your dealer for them. Put them through the hardest of usage, in rough work, and you'll find they will outwear any other shoes made for "General Durability." They are good shape, and look well for every-day wear, too. They are comfortable shoes and the best value—always made of choice leather for wear and comfort, and are stitched with waxed thread—stitched stronger than other kinds. Ask your dealer, or write us direct—

Bentley & Olmsted Co. "The Western People"

The Shoe for You

Des Moines Iowa

Lightning Rods

Farmers wanted to buy 98% Pure Copper Cable Lightning Rods. Write for prices and samples to

JOS. H. BARNETT & CO. Riverside, Iowa



them in this herd. Messrs. Cumming & Son invite prospective customers to visit the herd and make personal selections. Notify them of your intended visit and you will be met at Tecumseh. To those who cannot come and wish to order by mail they promise square treatment and guarantee everything as represented. When writing please mention The Homestead.

#### RAIN PROTECTION.

A good rain proof coat is always a handy garment to have about the farm. As sure as a rainstorm comes up the careful stockman will be looking for certain animals that have strayed during the storm. In such an emergency there is nothing so satisfactory as a good waterproof, oiled garment. This kind of clothing is clean, light and durable and is so economical that anyone can afford to have a good suit on hand. The Tower's fish brand waterproof oiled clothing is standard throughout the country. Nearly every dealer can supply his buyers with Tower's fish brand. Those who are not familiar with the good wearing qualities of this brand should write for booklet describing the different kinds of waterproof garments to A. J. Tower Co., Boston, Mass. Kindly mention the fact that you saw the advertisement in this paper. Be sure to ask for Tower's brand the next oiled suit you buy as advertised on page 14.

#### HANDY STOCK SPRAYER.

A sprayer that is appreciated by every stockman and farmer is advertised on page 18. Those who have used it indorse it heartily and find that it is the best way of applying such dips as Zenoleum that has yet been offered to the user of disinfectants. The efficiency of a good disinfecting fluid is largely due to the thoroughness with which it is applied. The nearer the fluid comes in contact with disease germs the more effectual is its destructive power. Furthermore when applied in the form of a fine spray it requires less of the dip than where thrown about with some utensil. The advantages of a good sprayer are many and the one which is shown and described on page 18 should be in use in every stock barn where health is valued. You may order this sprayer direct from the Zenner Disinfectant Co., 131 Lafayette Ave., Detroit, Mich. Kindly mention this paper when writing.

#### PAINTING BUILDINGS WITH CLAY.

That's practically what some people do. Did you ever realize that a good deal of the filling in much paint on the market is nothing more than poor clay and cheap minerals? There is only one mineral which makes a dependable paint. That is strictly pure white lead. The form in which lead is used in paint is that of a semi-liquid state. The cost of pure white lead is the principal reason for so much paint adulteration. There are, however, still paint makers in the field who consider their reputation too valuable to sell cheap paints. The Carter White Lead Co. is one of these and they guarantee their paint to be pure in its ingredients, which consists of linseed oil, pure white lead and drier. Such a paint must wear well. "Pure Paint", a booklet highly illustrated and well edited, will be sent to any user of paints who will write for it, mentioning The Homestead. Address, Dept. D, Carter White Lead Co., Chicago, Ill. See page 2.

#### STRICTLY A FARMER'S PROPOSITION.

By that is meant the cream separator offer made by Mr. William Galloway, who wants a million owners of cows to have a copy of his catalog. The special offer means just what it says. The Galloway cream separator can be sold on special prices because the machine is sold from the factory. The catalog is the only salesman and it costs only a few cents of the factory's money to put it in your hands. If they had to sell their machines through agents it would cost several hundred times as much to acquaint farmers with the merits of the Galloway. Thus you can see how one expense is cut out. The machine on which the offer is made is a first-class one in every respect. It unites the good points of separator construction. All these points are fully and plainly described in the catalog. You should learn all about the free trial offer by writing for the catalog. Address Mr. William Galloway, President, the William Galloway Company, 103 Jefferson St., Waterloo, Iowa.

#### REISSER BROS. DUROC JERSEYS.

With this issue of The Homestead, the Messrs. Reisser Bros., Sanborn, Iowa, make their bow to the Duroc Jersey world. These young breeders have been conspicuous in the various sales the past winter, and they have laid a foundation that cannot help but command the respect of the Duroc Jersey breeders of the northwest. They have about 125 spring pigs now on hand, with a few sows to farrow, which will bring the total number up to about 150. Their present crop is sired by Junior Jim, the \$5,000 boar and a well known Nebraska state fair winner. As Jim is now dead, and the boys have about twenty-one of his pigs, it is fair to presume that they will have a good demand for them. Other litters are sired by the undefeated sweepstakes boar American Royal, I. X. L. Advancer, (an Iowa State Fair winner) Reisser's Tip Top Notcher, and G. P.'s Model, the boar that now heads Gus. Pederson's herd. They have a variety of breeding, and of the most noted strains known to the Duroc Jersey breed. One of their best purchases is Advance Lady, a daughter of Proud Advance out of an Orion sow. This sow was in the Manley first prize show herd in 1905, and was the second highest priced sow in their sale last winter. She has nine splendid Junior Jim pigs, and they are doing well. These pigs are bred along the same lines as those which produced Alix Heir, the highest priced young boar for his age ever sold. There are five boar pigs in this litter. They have another litter, one boar and four sows by Junior Jim out of Orion's Lady, a daughter of old Orion. They lost this sow, but saved the litter by putting the pigs on another sow. Proud Advance Lady, another daughter of Proud Advance, bought at the Garrett sale, has six male pigs by Junior Jim, and Lena Advance, also a daughter of Proud Advance, has a litter of seven by American Royal. They have two litters by Osceola Chief and one litter by G. P.'s Model. They also have a litter by Orion Boy, a son of Orion and several litters by their own two herd boars, I. X. L. Advancer and Reisser's Tip Top Notcher. The former boar is a son of the Iowa State Fair winner, Advancer, while the latter is a son of the \$5,000 World's Fair boar Tip Top Notcher. The boys also have several good Advance sows in

their herd. One of the best of these is Pansy Lady, out of Miss Owen, by the Roberts' bred boar, Owen. She will farrow May 17, to Reisser's Tip Top Notcher. Those who are figuring on buying a boar for future use and want something bred along the most up-to-date lines, will do well to remember the boys. They will be pleased to hear from Homestead readers at any time and invite a personal inspection of their herds.

#### HAITH'S DUROC JERSEYS.

Among the good herds of Durops of this section of Nebraska, is that owned by Mr. W. H. Haith, of Vesta, Neb. Mr. Haith has been breeding hogs in a quiet way for some years, but when the proper time seemed to present itself to him he stepped out and added some of the very best individuals to his already good herd that money could buy. His herd is headed by Ed's Improver, one of the very best sons of Improver II we have yet seen. His dam was May Markwell, by Missouri Boy. This boar has proven a good breeder and has put some extra good pigs on the Haith farm. Several of this hog's get have been retained, and with the many good sows Mr. Haith has purchased he is in fine condition to furnish breeding stock. One of the great finds of this season's many good sales, Mr. Haith purchased in the great sow Banner Top 119100, by the great Tip Top Notcher, from Mr. W. H. Putman, of Tecumseh, Neb. This sow was the top of Mr. Putman's sale, and well did she deserve to be as she is one of the great sows of the breed. Mr. Putman thought enough of her to pay \$100 for the service fee to the great Kan't Be Beat and she was later sold in his sale to Mr. Haith at \$510. This sow is a very large one, with wonderful back and even side lines, has great depth of body and is as smooth as an apple. She has an extra strong bone, good feet and very neat head and ears; in fact we think her good enough to show in the hottest shows of the season. She has a fine litter of five pigs by Kan't Be Beat and if there is anyone wanting a good prospect for next fall's show we recommend one of these youngsters. At the Kirkpatrick sale Mr. Haith made one of the good purchases of the season in D. Zerta, she by Aethelred and having for her dam Miss Clark, by Clay Chief. This sow has proven a great breeder and she now has a fine litter of eight pigs by Lincoln

Wonder. The man who wants Duroc Jerseys closely related to prominent sires can find them here and we recommend Mr. Haith's herd as a good place to buy the very best. There are many other good ones here which we will mention later. Write Mr. Haith your wants and mention The Homestead.

#### KUPER'S GREAT SHORT-HORN AUCTION, MAY 28TH.

The breeder of Short-horns or the farmer who contemplates building up a herd of good, useful, dual-purpose Short-horns should plan to be present at the sale of Mr. Henry Kuper, at Humboldt, Neb., on Tuesday, May 28th. To those who are in search of Scotch cattle of the choicest breeding we wish to state that we consider this sale an opportunity to secure the very best. In starting this great herd of cattle, Mr. Kuper got the very best of Scotch cattle for his foundation and by his good judgment and careful mating he has built up one of the good herds of the business. This great offering should claim the attention and presence of every breeder of Short-horns in the country. The cattle selected for this sale are of the very best breeding and many of them are of strong show yard character. The offering that Mr. Kuper will sell in this sale are far superior to any he has ever had and every animal of breeding age will be safe in calf or will have calf at foot. Most of them are in calf to his herd bull, Secret Champion, a bull that is considered by all who have seen him one of the best young bulls now in service in the state. We will have more to say of this female offering in our next issue. Catalogs are now ready and can be had by dropping a postal card to Mr. Kuper. When writing please mention this paper.

many ways is as good as his sire. Any breeder who can use this bull to advantage is assured good results. There are many other bulls of good Scotch breeding that should attract the attention of breeders who are in search of herd headers. The female offering is extra good and among them are about fifteen of straight Scotch breeding. Every animal of breeding age will be sold safe in calf or have calf at foot. Most of them are in calf to his herd bull, Secret Champion, a bull that is considered by all who have seen him one of the best young bulls now in service in the state. We will have more to say of this female offering in our next issue. Catalogs are now ready and can be had by dropping a postal card to Mr. Kuper. When writing please mention this paper.

#### HORNUNG'S BIG POLAND CHINAS.

A herd of Poland Chinas that is sure to make its mark in the Poland China business is that of Mr. Ernest Hornung, of Raymond, Neb. Mr. Hornung has raised a great many hogs in his time, but like many others was a long time in seeing the value of the thoroughbred in preference to the grade. Last winter Mr. Hornung decided that the best was none too good for him, so he went out and bought some of the very best sows that were offered in the many good sales of the season. In two instances topping the sales. On our visit to this herd some time ago we found Mr. Hornung caring for one of the nicest lots of young Poland Chinas that we had seen this year. He has one of the most ideal hog farms we have seen. His many good fields of alfalfa and blue grass are sure to be the making of many good, valuable animals to put out as herd headers. The present crop of pigs are growing and we wish to call special attention to the great show sow, Naomi Pansion, one of the best daughters of the great breeding boar, Expansion. Her dam was Naomi and she has a fine litter of eight pigs by the sweepstakes boar, Grand Look. This sow was the top sow in the sale of Mr. H. C. Dawson, made at Valparaiso on March 9th. Another of the good ones was a fine gilt purchased at the sale of Mr. John O'Connell, on February 8th, she being the top sow in that sale. She is a daughter of Allerton's Chief by Allerton's Girl, by L's What's Wanted. This sow now has a good litter by the great breeding boar, Big Te-

## 40-ACRE FARM \$320 CASH AND BIG PRIZES

Two Fine Pianos

To Be Given Away

CAN YOU

COUNT THE DOTS

On the Man and Around the Border?

**CONDITIONS**—50 cents pays for a year's subscription to **SUCCESSFUL AGRICULTURE** and one count; \$1.00 pays for two years and three counts and makes you eligible for the special \$50.00 prize given to winners of first prize if they have three counts. See below.

**AWARDS** will be made as follows:—The person giving correct or nearest correct count will get first prize. Next nearest second, etc.

**\$50 PRIZE**—We believe everybody should have three counts so they can have one each side of what they think is correct to be more sure to hit it. To encourage this we will give \$50.00 extra to winner of first prize if they have three counts.

**Remember** if you have one count you get the farm only, but if you have three counts and win the farm you get \$50.00 extra.

**TIME PRIZE**—\$25.00 Extra. We feel early counters should be rewarded and we will give \$25.00 to the person winning the farm if count is mailed by July 15th.

**OUR RESPONSIBILITY**—We are a responsible business house of 20 years standing and every prize must be and will be paid as stated. We refer to American National Bank, of St. Paul, Minn.; in fact any Bank, Express Company, business house or individual in St. Paul, or the publisher of this paper.

**JUDGES**—We have wholly disinterested judges to award prizes. Here is what they say:

**TO WHOM IT MAY CONCERN:** We have been asked by the publishers of **SUCCESSFUL AGRICULTURE** to act as judges in their contest and see that prizes are all awarded fairly. This we will gladly do guaranteeing each contestant absolute fair treatment. Signed Frank D. Levering, Asst. U. S. Nat'l Bank Examiner; Henry A. Castle, Ex-Postmaster, St. Paul and Ex-Auditor U. S. Postal Dept., Washington, D. C.; Judge J. R. Blackwell, St. Paul, Minn.

In case of tie we will write each person so tied asking them to make as few words as possible from the letters included in the name of our paper, "SUCCESSFUL AGRICULTURE," using each letter of the name twice and only twice, and no one word more than once, each letter left over counting as one word. To the one tied in the counting who gives us the fewest words as above will be awarded first prize. This practically eliminates all question of tie, but if there should by any possibility be a tie in this the prize will be divided equally between those so tying. Subscription without counts is 25 cents per year, additional counts after you have three entered as per our terms in paragraph "condition" above may be entered at 25 cents each. This contest is not to be confused with the guessing or estimating contests. Our contest is a test of skill in planning and counting and the best man wins. Nobody connected with our paper will be allowed to compete. Contest closes December 31, but get your counts in at once. See about time prize above.

Approved by the Post-Office Department at Washington, D. C., March 14, 1907.

If this chart gets destroyed another printed on heavy paper will be sent upon receipt of 2c stamp for postage.

The receipt of our paper will be our acknowledgement of your payment and count.

**SUCCESSFUL AGRICULTURE PUB. CO.,**  
24 Union Block, St. Paul, Minn.

**SUCCESSFUL AGRICULTURE** will give to those who can count the Dots in the man and around the border correctly or nearest correctly, the following list of prizes:

#### CAN YOU DO IT?

1st. 40-Acre Farm. The S. E. ¼ of N. W. ¼ of S. 32, Tp. 138, R. 27 in Crow Wing Co., Minn.

2nd. Two Elegant Pianos. One to a lady and one to a gentleman. Beautiful Mahogany case.

3rd. Two Sealed Buggy. (A dandy.)

4th. Lot in Portage La Prairie, Man. In the heart of the town. Only two minutes walk from the Post Office and Depot.

5th. Fifty Dollars Cash.

6th. Twenty-five Dollars Cash.

Next 5. Ten Dollars Each.

Next 10. Five Dollars Each.

Next 10. Two Dollars Each.

**CONDITIONS:** 50 cents pays for one year and one count, \$1.00 pays for two years and three counts. You get \$50 extra if you have three counts. It will pay you to have three. See conditions. DON'T DELAY! If you want a Piano or other prizes free send your counts now.

#### PRIZE WINNERS IN PAST CONTESTS

**ONLY 50 CENTS FOR A FARM.**—I herewith acknowledge the receipt of the deed and abstract for the 40 acres of land which I received from you as a prize in the Farm and Piano Dot contest. I have made a personal examination of the land, and find it to be about four and one-half miles from the town of Clear Lake in the County of Pope, Wisconsin. It is in a good farming or grazing district and the land in that vicinity is selling from \$7.00 to \$15.00 per acre. A great many of my friends have asked me about my good luck and I told them how I came to get it, and gentlemen, I certainly am sincere in offering my thanks for the same. Can say that you do exactly as you advertise. Yours very truly,

GEO. E. DEAN, Minneapolis, Minn.

**40 ACRE FARM FOR \$2.00. (6 COUNTS.)**—I have to-day received yours of Sept. 10th with deed to 40 acres of land in Wisconsin, being one of the prizes awarded in the Mail Order dot contest, and also Abstract of Title showing a perfect title with all taxes and encumbrances paid to date. I thank you very kindly for you have done exactly as you advertised. Have been offered \$200 for the 40 acres. Shall I sell it for that price or is it worth more? Yours very truly,

OLE S. JORDET, Sacred Heart, Minn.

Publisher **SUCCESSFUL AGRICULTURE**,  
24 Union Block, St. Paul, Minn.

I enclose \$..... for subscription to **SUCCESSFUL AGRICULTURE**. If \$1.00 is paid send three counts; if only 50c is paid send ONLY ONE count. The extra \$50.00 will go only to those having THREE or more counts entered.

My count is: (1).....(2).....(3).....

NAME.....

P. O. .... State.....



# PILES

## FISTULA--NO MONEY TILL CURED

Walter Sharits, Dealer in General Merchandise, Neosho Falls, Kan., writes: "Nov. 30, 1899. Six years ago you cured me of a case of Piles of fifteen years standing. The cure was permanent. Since that time, as a result of your treatment, my general health which was badly shattered, has greatly improved. I cheerfully recommend your treatment and method of doing business".

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....

Town..... State.....

cumseh, one of the good breeding boars of this part of the state. This is the class of hogs that Mr. Hornung has been buying and you need not be afraid of placing your order with him for a good pig. Write him and mention The Homestead.

### ASPHALT FOR ROOFING.

Asphalt comes from the famous island of Trinidad, off the north coast of South America. Tons of this material are brought to this country every year to be used in the making of pavements and roofing principally. The lasting and protective qualities of asphalt are recognized as being the best of any material known to manufacturers for this purpose. A large part of the asphalt which is imported is used in the manufacture of Huttig's Rubber Roofing. By a secret process the asphalt is impregnated into the body of the roofing material, which consists of long-fibered wool felt. This is heavily saturated with this specially prepared Trinidad asphalt which protects every particle of the fiber. Roofing made by the Huttig Mfg. Co. is guaranteed to stand any test to which it may be subjected. This guarantee is not merely verbal, but it is an iron-clad, legally binding guarantee signed by the company. Huttig's Rubber Roofing, by which this asphalt roofing is known, stands the hot weather without becoming sticky and the coldest kind of weather without cracking or checking. It requires no more skill to lay Huttig's Rubber Roofing than any other kind. When you buy this brand you are not getting a doubtful article. The guarantee means absolute protection. Ask your dealer about Huttig and his brand of roofing. If he cannot supply you with it, write for free sample book and special iron-clad roofing guarantee. See page 3. Address H. W. Huttig, president Huttig Mfg. Co., 707 E. Second St., Muscatine, Iowa.

### CHAPEL HILL BERKSHIRES.

A recent visit to the Chapel Hill herd of Berkshire swine, owned by Mr. W. D. McTavish, of Coggon, Iowa, who, by the way, is president of the Iowa State Swine Breeders' Association, as well as secretary of the national association of expert judges on swine, reveals the fact that Mr. McTavish is now in possession of 125 March and April pigs, among which are some very fine prospects for prize winning material as well as prospects for some choice herd boars. Mr. McTavish has probably had a larger number of pigs some other years, but has certainly never had more quality among his pigs. They are sired by a number of choice boars, but perhaps half of the offering are sired by Lee Duke, a son of Fitz Hugh Lee 47947; his dam Stella Lee 59318. This splendid boar was winner of first in the yearling class at the Minnesota State Fair in 1902, and was also champion at the same show the same year. Other pigs are by Ringmaster, a son of Royal Premier 67448 and out of May Blossom 14th 76333. Others are by Corporal, one of the best yearling boars that we have seen anywhere; his sire was Count Royal 87322, dam Ringlet 7th 92891; there are some exceptional pigs by another grand yearling boar Mr. McTavish has called Conqueror Premier; his sire was Longfellow Premier Pitts 89100; dam Conqueress 10th 92881; Conqueress 10th it will be remembered was one of the famous show pigs that Mr. McTavish exhibited at all the leading state fairs a few years ago that probably won more prizes in the various classes than any other litter of pigs that was ever shown;

he has a few other pigs by another good yearling Black Premier, also by Longfellow Premier Pitts and out of that famous May Blossom sow, May Blossom 46th, 93888. As has been previously stated in The Homestead, Mr. McTavish was sold out on boar pigs of the crop of 1906 very early in the season; he then announced through these columns, bred sows for sale; these were soon taken by our readers at good prices and were eagerly moved before the season was well advanced. A very notable sale of some very choice late gilts was eight to the Colorado Industrial School, of Golden, Colo. The state of Colorado is to be congratulated through their director of this institution for the splendid judgment exhibited in making this purchase. Mr. McTavish has certainly selected for them eight gilts that are a credit to any state institution and which, if purchased from some other Berkshire breeders, would have cost the state of Colorado fully three times as much money as Mr. McTavish is receiving for them. On May 10th our representative inspected this herd prior to the shipment of these eight gilts to the Colorado station. They are being held until all prove safe in pig before shipment. To the numerous readers of The Homestead who wrote Mr. McTavish for boars last winter, after he was all sold out, we would say that it would be a good plan to have their orders booked early, as the same conditions are likely to exist again this fall and winter. The Homestead heartily recommends Mr. McTavish as a safe and reliable man with whom to do business. His announcement appears in our columns at all times.

### "MAPLE LAWN" DUROC JERSEYS.

One of the oldest and best-known herds of Duroc Jerseys in the West is the famous "Maple Lawn" herd, owned by Messrs. C. H. Searle & Sons, at Edgar, Neb. This herd was established in 1883 by Mr. C. H. Searle, the senior member of the present firm. At that time the breed was comparatively unknown, and had it not been for the good judgment and shrewd foresight of Mr. Searle and other pioneer breeders the breed might still be reposing in oblivion. From this noted herd has gone the foundation stock for hundreds of herds all over the corn belt, the number of hogs sold for breeding purposes having reached the grand total of 2,000 head, and the end is not yet. The herd is at present under the active management of Mr. Ralph H. Searle, a graduate of the University of Nebraska School of Agriculture, and a born hog man. On page 22 of this issue will be found their advertisement offering two fall boars and a splendid bunch of March pigs for sale. Those of our readers who are in need of anything in this line should lose no time in communicating with Messrs. Searle & Sons. Their prices will be found surprisingly low. When writing kindly mention The Homestead.

### TEEL'S SHORT-HORN SALE.

The dual-purpose Short-horn never was in more demand than at the present time. The farmer and breeder of today recognizes the fact that the type of cattle which are most profitable on the farm are the dual-purpose sorts. The late Jas. A. Teel, founder of the Teel herd of Short-horns, at Rushville, Ill., was a great admirer of this type of Short-horn, and gave to the breed some of its most useful specimens. Mr. Walter Teel, the present owner of this good herd has selected a number of his best animals for the forthcoming sale which will be held on Friday, May 31. The herd bulls which have been used in this herd have been the very best that money could buy. Imp. British Prince 130-858, was got by the Cruickshank bull, Clan Alpine. He was in every way a satisfactory sire and breeding bull, was one of those low down, thick ribbed bulls and at times weighed more than 2,500 pounds. A number of his get are included in this auction, and will be found uniform in type. Marmion was another of the bulls used in the herd with much success. He was got by Imp. Lavender Lad, out of Imp. Lady Mysie 6th, by Field Marshal. Marmion produced many of the good things in the herd, and bred to Imp. British Prince these females have been uniform producers. In this offering are included the herd bull used by Mr. Walter Teel, and also that used by Mr. H. G. Teel, who consigns ten head. Cherry Grove Banff 3d is a three-year-old bull used by Mr. Walter Teel. He was got by the noted show and breeding bull, Imp. Lord Banff, now at the head of the famous Cherry Grove herd, of Mr. M. E. Jones. His dam was Queen Cup Bearer, by Imp. Cup Bearer, the bull which did much good in the herd of Mr. Jones. Individually Cherry Grove Banff 3d will please the breeder who is in the market for a herd bull. He would be sold at this time were it not for the fact that Mr. Teel cannot longer use him to advantage in the herd as all of the females either are in calf to him, or have calves at foot by him. He has a good head, extra good back and loin and is well filled behind. He has not been crowded, but is in very good breeding condition. Very few bulls of his merit are offered at public auction. Cherry Grove Banff 5th, another son of the herd bull at Cherry Grove, Imp. Lord Banff, and out of Lady Galatea by Imp. Cup Bearer is consigned to this sale by Mr. H. G. Teel, who has used him with success in his herd. British Prince 5th, is a two-year-old bull listed by Mr. Walter Teel. He is by Imp. British Prince and out of Umatilla 24th, tracing to Imp. Michigan Casket. This young bull is in fine shape for service in some good herd. He has been used by Mr. Teel, and would be kept in the herd but for the fact that he is closely related to the females. Golden Banff 2d is a good young bull that will be a year old in June. He is a red in color and was got by Cherry Grove Banff 3d and out of Lady's Baby by Lancaster, one of the best sons of Imp. Gay Monarch, one of the first bulls which attracted the attention of the American people to the well known herd of the late W. S. Marr. Gay Monarch made his owners famous throughout the entire country. Lancaster was bred by the Messrs. Rob-

bins, who sold him to Mr. Frank Cotton, and later bought him back and his entire crop of calves. The combination of blood lines in this young bull, that of Lord Banff and Gay Monarch are such that this young bull should find ready sale to head some good herd. Golden Banff is another young bull not yet a year old that will do for some good herd. He was got by Cherry Grove Banff 3d and is out of Lady Fulton 18th by Marmion. There are a number of these young bulls that will please both the breeder and farmer. They come from cows which have proven their worth in this herd and are sired by extra good bulls, and have the individual merit demanded by discriminating buyers. The females are a very useful lot. They are from noted milking families, and are sired by the noted Cruickshank bulls above mentioned. All females of breeding age have calves at foot or are safe in calf. We will give further particulars in regard to the female consignment in our next issue. Write Mr. Teel for catalog as per the announcement on page 23 of this issue, and plan to be present sale day. Kindly mention The Homestead when writing.

### CARPENTER & ROSS' SHORT-HORN SALE —LAST CALL.

The Short-horn breeder who is in the market for a herd bull will find no better opportunity than in the forthcoming sale of Messrs. Carpenter & Ross, of Mansfield, Ohio, which will be held on Wednesday, May 22. The imported bulls of which there are six, were mentioned in these columns last week, and represent the best money could buy in Scotland. Mr. P. G. Ross, the junior member of this firm, has superintended the importation of more Short-horns than any other man in this country. He has been an ardent student of pedigree and coupled with his good judgment and his wide acquaintance with the best herds of Scotland he has been able to secure bulls which will please both in point of breeding and individual merit. The home-bred bulls comprise a strong lot. Gloster Lad 2d is a yearling bull of the Duchess of Gloster tribe. He was got by Golden Hero, a son of the noted Hero's Knight. His dam is Lady Gloster 5th by the Dustin-bred bull, Victor Lad by Imp. Lavender Lad. Individually, this young bull will bear the most rigid inspection, and the bull buyer in search of herd header material will find a most excellent specimen in this young bull. Merry Robin is a yearling bull, by Imp. Royal Robin, the bull which has been used with so much success in the good herd, of Mr. Fred Ayres. His dam was Imp. Marigold by Diamond Jubilee. He has an excellent head and very good back and loin, and is a deep-bodied, low set bull of strictly show yard type. He will do well in any company. Strathclyde, is a yearling bull ready for service. His sire was Whitehall Count, one of the best sons of the noted champion, Whitehall Sultan. Messrs. Carpenter & Ross used this bull in the herd to good advantage and his calves, many of which are included in this offering are further proof of his breeding qualities. He was sold at public auction for \$1,000, and is now at the head of the good herd owned by Dr. W. H. Earles, of Milwaukee. The dam of this young bull was Rose of Strathclyde shown at several of the fall shows and won several prizes. Count Nicholas is another of the good calves to be found in the offering by Whitehall Count. He was a winner at a number of the state fairs last season and is fit to make trouble in any company this year. He is certainly the kind to breed general purpose cattle from, as he is a first-class individual and the family are all great milkers. Scottish Chief is a son of New Year's Gift, he by the Duthie-bred bull, Silver Mist, and out of Fairy Maid 2d by Missie's Champion. This bull has a very good head and is very nicely covered over back and loin. He will do well in any company. Goldicotte by Whitehall Count is one of the good bulls of the offering. He is out of Imp. Jane, an unbeaten yearling in England, and a thick-fleshed, low down, smoothly made cow. Goldicotte is a bull of even lines, and carries his flesh well distributed. Socrates is another son of Whitehall Count and out of Nonpareil 46th, by Imp. Clan Campbell. This young bull possesses all the quality and finish desired by the careful buyer, and is in keeping with the excellence of his breeding. Red Monarch belongs to the Mina family. His sire was Whitehall Count, and his dam Mina Princess 2d by Imp. Sittytton Stamp. He is a good, thick-fleshed, low down bull that will please those present sale day. The bulls are all in good thrifty condition and will please those who appreciate animals which have not been pampered, but which possess real merit. The bull buyer will be pleased with this offering. We wish to call the attention of our readers to some of the females included in the offering. Mention was made in these columns in our last issue of the females which were recently imported for this sale. Several of these are of show yard merit and have been prize winners in the old country. The home bred sorts cannot help but please. Ruth Rustic is by Rustic Chief by the Cruickshank Clipper bull Clan Alpine, and out of Imp. Ruth 8th by Silver Star. She is a typical Scotch cow and is safe in calf to Ury Count. Evening Baroness 2d is one of the top females of the offering. She is of the Misses Ramsden tribe, and was got by Cherub of Ashburn and out of Imp. Evening Baroness by Craihstone. Individually she is of strictly show yard type, being of the low down, thick-fleshed sort and possesses quality. Lady Dorothy 42d is a daughter of Imp. Best of Archers, the sire of the champion, Ceremonious Archer, and is out of Imp. Lady Dorothy 40th. She is in calf to Avondale, the prize winning son of Whitehall Sultan, for which Messrs. Carpenter & Ross have a standing offer of \$5,000. This is certainly an attractive proposition for the breeder who wishes to add some of this valuable breeding backed up with good individuality to his herd. Gold Dust Oak Leaf is one of the attractive

females of the offering. She is by Baron Goldust by Baron Gloster, and is due to calve before sale day. A strictly show heifer in every respect is Broadhocks Violet 2d by White Hall Count. She was shown with good success last year. Her dam was Imp. Broadhocks Violet by Prince Victor. She is a thick, low down sort and is safe in calf to Avondale. Roan Mina is an attractive heifer by Whitehall Count and is safe in calf to Avondale. Lady Zoe 6th is a cow of sterling worth. She was a member of Mr. W. D. Flatt's show herd at the Pan American Exposition, and is the dam of an excellent bull calf in the sale. She is one of those deep, broad-backed, smooth cows that always please. Primrose is a beautiful dark red heifer by Golden Hero, and is safe in calf to Avondale. Orange Blossom Queen 4th is a good, thick, sappy roan heifer by Bapton Gloster by Imp. Bapton Sovereign. She is safe in calf to Avondale. These females are in good breeding condition and many of them have calves at foot. Those in calf to Avondale will prove valuable additions to any herd. The catalogs are out and will be sent on application to Messrs. Carpenter & Ross, kindly mentioning The Homestead. This sale precedes that of Messrs. Forbes-Prather-Ayres and Hanna, at Chicago, and western breeders who wish to attend this sale can take advantage of the special Pullman sleeper which leaves Chicago on the Pennsylvania railroad, Tuesday evening, May 21st, at eight p. m. This sleeper will be set out at Mansfield, so that all may get a good night's rest. Plan to be present at this sale, one of the most important of the year. The imported animals will be sold to you at your price. They will not have been sent from sale to sale, but are brought to you fresh from the best herds of Scotland. Kindly look up the announcement on page 28 of this issue and mention The Homestead when writing.

### THE PALMER DISPERSION SALE OF SHORT-HORN CATTLE.

Dispersion sales always put cattle on the market, which if their owner was to stay in the breeding business would not be parted with. Such is the case in the dispersion of the Short-horn herd owned by Messrs. J. W. Palmer & Son, of Albion, Ind., which will occur on Friday, May 24. It is made necessary because the junior member of the firm cannot give the required attention to the herd and the senior member not caring to assume the responsibility. The cattle have been selected from the leading herds, and with all the ability their owners possessed, with the paramount object in view to make the animals suitable for the feeder, the breeder and the farm—an animal of the best type—combined with a pedigree beyond criticism. The herd bulls to which we called attention in our last issue are worthy of inspection by the most careful buyers. Especial attention is called to the young bull, Choice Master, a good photograph of which appears on page 8 of this issue. The writer has not seen a better young bull go through the auction ring this season. He was got by Choice Bud, by Choice Goods, and his dam, Lovely Nell, is a daughter of the Duthie-bred bull, Imp. Master of the Clans. This young bull in the hands of some breeder in search of a herd header or show bull will come up to the highest expectations. The females are a choicely bred lot. Primula is a three-year-old cow by Imp. Nonpareil and out of Imp. Primrose. She is a very good specimen and is due to calve before sale day to the service of King of Diamonds, the Scotch bull which Messrs. Palmer & Son have been using with much success in their herd, and included in this sale. Something may be seen of the breeding qualities of this young matron in Fair Sultana, a daughter of Fair Sultan, one of the best sons of Whitehall Sultan, and used successfully by Mr. John Gerlaugh. This heifer will make a show heifer if properly handled. Cinderella 5th is of the Roan Lady family, and was got by Imp. Pure Gold and out of Imp. Cinderella 4th by Remus, the sire of the noted champion, Imp. Choice Goods. This cow is safe in calf to King of Diamonds, and will be a valuable addition to any good herd. Lovely Lass is one of the attractive females of the offering. She is a Cruickshank Lovely and is a daughter of Valkyrie's Stamp, and out of Lovely Lady by Lavender Monarch. This heifer was a member of Messrs. Palmer & Son's show herd last year and will make a good show this fall, as she is strictly a show heifer in every respect. She is safe in calf to Choice Master. White Sultana is a daughter of the champion Whitehall Sultan, and is one of the few heifers by this noted bull to be sold at auction this year. Her dam, Imp. Bessie 51st is a Marr Bessie, and was one of the most highly prized females in the herd of Mr. E. S. Kelley. She is a beautiful heifer and is safe in calf to Choice Master. Lovely Nell by Imp. Master of the Clans and out of Nonpareil Lovely is the dam of the show bull, Choice Master, referred to above. She is also the dam of Lottie, shown by E. E. Souers as a calf and not defeated, and shown by Robbins & Sons as a yearling and two-year-old and not defeated except at the International where she won second in 1905 and third in 1906. Lovely Nell has a red bull calf at foot and is safe in calf to a King of Diamonds. Crimson Fuchsia is a show heifer by Valkyrie's Stamp, and is of great scale and smoothness. She is sold open and will make a valuable cow. Gladys 4th is a three-year-old daughter of Sittytton Hero and has been a very profitable breeding cow as her daughter Brawith Lady and bull calf in sale will show. She has a bull calf at foot by King of Diamonds and is bred again to Choice Master. Brawith Lady is a richly bred Cruickshank heifer by King of Diamonds and out of Gladys 4th, mentioned above. She is a show heifer in every way, and will suit the most discriminating buyer. Fidget 9th is consigned to this sale by Mr.

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Holds three gallons of solution and about one gallon of compressed air. Charged by a few strokes of the pump, and works automatically for six to fifteen minutes, according to the nozzle opening. Most State Experiment Stations, and many leading breeders in the United States and Canada have adopted it. "The Zenoleum Comp-Air Sprayer" is durable. It is made of the best and strongest materials by trained mechanics. Each machine is tested under high pressure and guaranteed against bursting.

The hose is four-ply, the very best in the market offers. It is heavier than hose used in any other sprayer. The brass coil spring prevents cracking of the hose. The brass connections, stop-cock, nozzle, etc., are turned out of solid brass. All movable parts are machine-turned and make absolutely tight joints.

BRASS SPRAYER identical with the above with heavy brass reservoir and otherwise just the same mechanically \$5.00 each.

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T. E. Adams. She is a daughter of Highfield Minister by Prime Minister and her dam was by Indian Statesman. Individually this cow is of show yard merit. White Heather by Choice Bud, the sire of the show bull Choice Master, is a Cruickshank Secret and will make a valuable addition to some good herd. She is safe in calf to King of Diamonds. Emma's Gem is by Imp. Nonpareil and out of Imp. Lady Emma by Morning's Pride by Pride of Morning. Golden Pansy by Golden Fame, and out of Pansy Ray by Indian Chief was first at Toronto, in 1900, as a calf and as sold to W. G. Pettit, of Ontario, at a long price. She is now safe in calf to King of Diamonds. Highfield Belle is a daughter of the noted show and breeding bull, Imp. Prime Minister, and was shown as a yearling and two-year-old. She will have a calf at side sale day, by King of Diamonds. We have briefly reviewed some of the females included in the offering. The bull offering is in keeping with the females. The herd bulls used by Messrs. Palmer & Son, mentioned above will meet with the approval of those present sale day. Count Royal, is one of the good yearling bulls of the sale. He was got by Valkyrie's Stamp and is out of White Rose by Imp. Royal Member. He has a well sprung rib, good middle and two good ends, and both in point of breeding and individual merit is strictly of herd header sort. Several sons of King of Diamonds are consigned by Messrs. Palmer & Son that will please. This sale will be held at the breeding farm near Albion, and those in attendance at the Forbes-Prather-Ayres-Hanna sale, in Chicago, on May 23, can easily reach this sale. Look up the advertisement on page 28 of this issue and write for catalogs at once, kindly mentioning The Homestead. Plan to be present at this important dispersion sale.

#### THE FORBES-PRATHER-AYRES-HANNA

##### SHORT-HORN SALE.

Of the noted Short-horn sales of the spring season of 1907, not one is more important than that of Messrs. Forbes, Prather, Ayres and Hanna, which will be held in Chicago, on Thursday, May 23d. The stock listed represents the produce from the herds of the gentlemen mentioned above. The offering is in keeping with the herds represented and that is a sufficient guarantee of its usefulness. The Messrs. Forbes have long been known as owners of what has been termed by many of the leading judges of the country "the best collection of breeding cows in this country or Scotland." They have a herd which has produced many winners shown by themselves, and in the hands of their customers the stock bred by them has done equally well. Mr. I. M. Forbes has imported more cattle to this country in recent years than any other man. He has been one of America's leading breeders and has selected from his herd such stock as will give to breeders some idea of the breeding matrons which his herd is made up, both in point of breeding and individuality. We wish to call particular attention to the two-year-old heifer, New Year's Queen, by Imp. Cock Robin, the principal bull in service in this noted herd. On page 21 of this issue will be found a good likeness of this noted bull. He is one of the few great combined show and breeding bulls. He has won important prizes at the leading shows of Scotland and America, and his get have also proven equally successful. The dam of the heifer just mentioned was Queen of Scots 9th, a daughter of the famous Baron Gloster. The pedigree of this heifer cannot be excelled and she is in keeping with her breeding. Not often are such matrons consigned to public sale, and breeders should not be slow to realize the fact that in this offering are many individuals that breeders are loath to part with, but are willing to put up at auction, to be secured at your own price, in order that profit may result to you in adding this noted blood to your herds. Linwood Clara is another daughter of Imp. Cock Robin and out of Imp. Comlity Clara by Archer's Heir by Brave Archer. The Clara tribe have given to the Short-horn breed some of its best producers. In Linwood Clara the careful buyers will find the kind that will prove profitable to him. She is thick from end to end and is due to calve shortly after the sale to the service of Victor Linwood, the young bull which has been used with good success in this herd. Victor Linwood was a winner at the International and is one of the good young bulls reserved for service in this herd. Scotch Rose 3d by Cock Robin and out of Imp. Scotch Rose is an unusually fine heifer and her dam is the best milkier which Messrs. Forbes have ever imported. She is safe in calf to Victor Linwood. The offering sent forward by Messrs. Forbes will please those present sale day and is worthy of careful inspection. Mr. J. F. Prather lists five head in this sale from his noted Village Park herd. Mr. Prather has always been a staunch supporter of the red, white and roan, and has been interested in many of the importations of recent years. He has one of the best herds in this country, and the cattle listed by him are in keeping with the excellence of his breeding matrons. Orange Queen by Lavender Viceroy and out of Orange Lady is due to calve before sale day to the service of Golden Crown. She is a very thick, short-legged heifer of excellent conformation. Her dam is a granddaughter of Imp. Orange Blossom 31st by Roan Gauntlet, and the three top crosses in her pedigree are of the most approved Scotch breeding and represent the greatest of prize-winning blood. Mr. Prather lists a good young bull in Delmas by Imp. Bapton Sovereign, and belongs to the Secret tribe. He is a good, straight youngster that will develop into a high-class breeding bull, and his breeding cannot be excelled. Mr. Fred Ayres, one of the best breeders of Scotch Short-horns in this country, lists twelve head from his well-known Athenian herd. Mademoiselle 14th is a Marr Missie by Imp. Golden Crest and out of Imp. Mademoiselle 13th. She is a very choice young cow and raised a good bull calf last year. She is due to calve shortly to the service of Missie's Archer, a son of Kelley's Archer and Imp. Missie 145th. Golden Venus 7th is a two-year-old heifer by Missie's Robin and out of Golden Venus 3d by Imp. Royal Robin. The Venus tribe have been good producers in both the Ayres and Forbes herds and this heifer will prove a valuable addition to some good herd. A young bull of exceptional merit of the Venus tribe is found in Athenian Coronet. He was got by Imp. Bapton Coronet, one of the greatest sons of Silver Plate, and is out of Golden Venus 4th by

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#### LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

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FARMERS, send for our special bulletin of Fruit Farms, irrigated and planted, \$3.25 an acre, 2c stamp brings it. Calhoun, Denny and Ewing, Inc., Alaska Building, Seattle, Wash., U. S. A.

CORN and Alfalfa farms for sale; good improvements. Write for prices, Jas. S. Sheeran, Solomon, Kansas.

Imp. Royal Robin. This calf properly handled will make a good show this coming fall and should develop into something extra good. He will bear careful inspection. Victor Missie's Victoria is a heifer of great substance and quality. She was got by Victor Missie and out of Victoria of Hill Farm 8th by Lavender Lad. This heifer was a winner at the International in 1906 and bred as she is through both sire and dam, should prove a valuable addition to any herd. Athene of Anoka by Viscount of Anoka, one of the most noted prize-winning bulls of this country, belongs to the Cruickshank Violet family and has been a wonderful producer. One of her daughters, Athene of Anoka 2d by Fearless Victor, is included in the offering. Athene of Anoka is safe in calf to Imp. Bapton Coronet. The offering which Mr. Ayres has listed for this sale is in keeping with the high quality of his herd. Mr. Ayres has bought nothing but the best and is listing only such cattle as will prove profitable to those who are in the market for good, well-bred Scotch Short-horns. The largest consignor to this auction is Mr. D. R. Hanna, of Ravenna, Ohio. Imp. Cluny Flora 85th by Royal Pride by Pride of Morning is one of the attractions of the offering. She has proven a valuable breeder, one of her bull calves being retained to show at the head of the young herd next fall. She is safe in calf to Diamond's Victor, one of the best sons of Imp. Bapton Diamond. Imp. Miranda by Prince Victor has a white bull calf at foot calving October 20th, sired by the champion Missie bull, Missie's Diamond. She was bred by Her Majesty Queen of England, and is one of the best things in the consignment. Silver Necklace by Imp. Silver Mist has a roan bull calf at foot that bids fair to make a valuable show calf. He was sired by Missie's Diamond. Two of her calves are included in this sale. Silverline is another daughter of Imp. Silver Mist, and her dam, Imp. Scotia 2d, was got by Crabstone. Silverline has a roan heifer calf at foot that will show for herself, by Diamond's Mariner. The breeding and individual merit of this entire consignment make it one of the most valuable of the season. Many show animals are included and the breeder in search of extra good Scotch cattle will find this auction one of the most important of the year. The cattle offered for sale represent the produce of four as good herds as the breed affords. They are not a lot of cattle bought up for speculative purposes, but in many cases are animals which could be used in the herds represented in this sale. Parties who wish to attend the Carpenter & Ross sale at Mansfield, Ohio, on Wednesday, May 22d, can easily make both sales at one expense. The details of the management are in the hands of Mr. W. C. McGavock, of Springfield, Ill., who will be pleased to send catalogs to all who write mentioning The Homestead. Look up the advertisement on page 28 of this issue.

#### Farms That Grow

"No. 1 HARD" WHEAT

(Sixty-three Pounds to the Bushel)



are situated in the Canadian West, where Home-steads of 160 acres can be obtained FREE by every settler willing and able to comply with the Home-stead Regulations. During the present year a large portion of

#### New Wheat-Growing Territory

has been made accessible to markets by the railway construction that has been pushed forward so vigorously by the three great Railway Companies. Grain-growing, mixed farming and dairying are the great specialties. For literature and information address Superintendent of Immigration, Ottawa, Canada or the following authorized Canadian Government Agent.

W. T. Bennett, 801 N. Y. Life Bldg., Omaha, Neb. E. T. Holmes, 316 Jackson St., St. Paul, Minn.

Mention this Paper.

#### California Alfalfa and Sugar Beet Land.

LEVEL, fertile, alluvial land all under irrigation in prosperous Butte County, adjoining the thriving city of Butte. \$65 to \$110 per acre, very easy terms. Five to six crops of alfalfa every season. Irrigation water, \$1.00 per acre a year. Close to schools and churches, two railroads, good roads, electric lights, etc. Not a wilderness but in the heart of a desirable community. Sugar beets on this land will pay big profits. Suitable also for peaches, grapes, figs, English walnuts and oranges. Farmers from the middle West settling this land rapidly. Now is the time to buy. Values are advancing. For a home or for profit, you cannot better it. Write for free booklet. Butte County Irrigated Land Co., Dept. 6, 1109 Post St., San Francisco, California.

## For Sale

A FINE, rich, improved farm without hills or a stones. Located only two miles from a good town on the main line of the Burlington railroad in south central Nebraska. Mostly cultivated. Price \$25,000. For particulars address the owner.

W. F. DALE, YORK, NEB.

#### FOR SALE OR EXCHANGE:

240 acre east 4th Texas peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

KANSAS Farm Bargains: 430A, 3 ml. town, good farm improvements, 250a. wheat, 40a. corn, nice neighbors. In '97 corn avg. 40 bu., wheat 3 yrs. avg. 20 bu.—\$8,200. 460 A., all grass, 276a. fine alfalfa land, 12 ft. to water, \$6,000. County has many creeks and valleys. Alfalfa, fruit, corn, wheat, cattle and hogs are sure money makers. Must sell June 1, '07.—Come at once to the owner, E. T. THE LAND MAN, COLDWATER, COMANCHE CO., KAN.

CHEAP KANSAS FARMS AND GOOD HOMES. WRITE us your wants enclosing two 2 cent stamps for new map of Kansas, also map of Kingman County. We sell farms on commissions. Bring you and the owner of the land face to face; we have been 20 years in the Real Estate business in Kingman; we know the country better than anybody; we pay your car fare. Correspondence solicited. John P. Moore & Son, Kingman, Kan.

FOR sale to close an estate, 150 acre farm under high state of cultivation, 5 ml. from Racine, in richest part of Wisconsin, 8 room house, old, but comfortable. Large barn, ice house, wind mill, modern road, telephone, R. D., some timber. Price \$120 an acre. Possession Dec. 1. Henry Warner, White Bear Lake, Minn.

#### FOR SALE, RENT OR EXCHANGE:

Good improved grain and stock farm of 740 acres in Chautauqua county, Kansas. Write for particulars. Box 81, Independence, Iowa.

CHEAP Irrigated Lands—Sunny San Luis Valley, Pens. flowing artesian water, no cholera, high markets; makes hog industry most profitable. Write C. B. West, Alamosa, Colo., for free booklet.

TO EXCHANGE: Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

CORN Write for State Map, Booklet and Weather Report. Sent free. Hazel J. Meek, LANDS Chillicothe, Missouri.

LARGE highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

## MINNESOTA STATE SCHOOL LAND SALES

Great Opportunities to Secure Homes

At the following times and places I will hold sales of School and Other State Lands.

	ACRES
June 11, Grand Rapids, Itasca Co.	35,000
June 12, Duluth, St. Louis Co.	35,000
June 13, Carlton, Carlton Co.	21,000
June 14, Aitkin, Aitkin Co.	35,000
June 15, Brainerd, Crow Wing Co.	21,000
June 17, Bagley, Clearwater Co.	15,000
June 18, Bemidji, Beltrami Co.	20,000
June 19, Walker, Cass Co.	20,000
June 20, Park Rapids, Hubbard Co.	17,000
June 21, Wadena, Wadena Co.	15,000
June 22, Long Prairie, Todd Co.	8,600
June 24, Hallock, Kittson Co.	25,000
June 25, Warren, Marshall Co.	3,000
June 26, Crookston, Polk Co.	3,000
June 28, Roseau, Roseau Co.	30,000
July 1, Red Lake Falls, Red Lake Co.	5,000
July 2, Detroit, Becker Co.	23,000
July 3, Pine City, Pine Co.	10,000

TERMS.—These lands will be sold at public auction to the highest bidder. Fifteen per cent of the purchase price must be paid at the time of sale. The balance may run for 40 years at 4 per cent annual interest if desired. The title to all state land is perfect. Valuable illustrated book on Minnesota lands free; also list of lands offered.

**SAMUEL G. IVERSON**  
State Auditor St. Paul, Minn.

#### A Fine Kansas Farm For Sale

A FARM of 280 acres, nine miles North-east of Yates Center, (the County seat of Woodson County) and within one mile of Vernon, on the Missouri Pacific railway, running from Kansas City to Wichita, 119 miles from Kansas City. The farm is an excellent one, good rich soil, well improved, all under fence, divided into fields, with 25 acres of hog tight fence, and pasture fenced separately, and in Oil and Gas Belt.

The improvements consist of a five room dwelling house, with cellar and summer kitchen, well and cistern. A good barn, with stabling for a dozen horses, and hay-loft above; a cattle barn, pig pens, granaries, corn cribs, etc., with other outbuildings. A good orchard, with abundance of fruit, apples, peaches, plums and small fruit.

A never failing stream of water runs through the west part of the farm near the buildings, furnishing plenty of water for the stock, and with ten acres of timber along the creek. It is an ideal farm home in sunny Kansas.

If Sold Soon I Will Take \$40.00 Per Acre.

If you want a home free from the rigidity of Northern winters, and in the unmatched climate of southern Kansas, write me, or come to Vernon, and I will meet you and take you to the farm. No truces considered.

J. E. Seaton - - Vernon, Kan.

#### LAND VALUES IN THE GARDEN SPOT OF TEXAS

Will increase faster and go higher than anywhere else, because the soil is richer and deeper; will produce larger and more varieties of crops; is clear, ready for plow; crop failure impossible, because some crop can be planted any month in year; climate healthy; not cold in winter nor hot in summer; ample rainfall; competing railroads within two miles; close to best markets in world; good neighbors. Save agent's commission by buying direct from us. Do it now. Prices \$10 to \$20 per acre in any sized tract to suit. Next fall will be \$5 an acre more. Write or call for booklet, "Truth About Texas," and state map free. Cheap R. R. rates. Free fare to buyers.

PICKERT-HAMMOND LAND CO., Opposite Grand Central Station, Houston, Texas. N. W. Branch, 1039 and 1040, Lumber Exchange, Minneapolis, Minn.

#### 6 FREE BOOKLETS, FARMING IN CALIFORNIA

Intensely Interesting. All about the enormous profits. \$70 per acre on sugar beets, \$150 on grapes, \$75 on alfalfa. Dairying and stock raising are extremely profitable. Grain & vegetable products pay \$80 to \$200. Booklets give facts and figures that are indisputable evidence of the vast superiority of California farms. 20 acres will pay more than a 160 acre eastern farm. Get the absolute, vital facts and figure out how to secure an independent income and delightful home in this land of plenty and comfort, at small cost. Write today.

California Farmland Land Company, 58 Grosse Bldg., Los Angeles, Cal.

#### IOWA

#### THE GREATEST CORN STATE.

IOWA beats all other states, Illinois included, in corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, also some to exchange. Send for it early.

Northern Iowa Land Co., Independence, Iowa.

WELL IMPROVED 160 acre farm in Clay Co., Illinois. Price \$40 per acre. J. J. Smith, Clay City, Illinois.



## Dates Claimed for Live Stock Sales.

## ABERDEEN ANGUS.

May 28, C. J. Martin, Churdan, Iowa.  
 June 4, Lakeside Farm, Storm Lake, Iowa.  
 L. H. Lamar, Mgr.  
 June 12, Combination sale, Kankakee, Ill.,  
 M. A. Judy, Mgr.  
 June 18, H. A. Cole, at Des Moines, Iowa.  
 June 25-26-27, L. H. Kerrick Est., Bloomington, Ill.,  
 W. C. McGavock, Mgr.  
 Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

May 22, R. H. Hadley, New Providence, Ia.  
 May 22, Carpenter & Ross, Mansfield, Ohio.  
 May 23, Forbes-Prather-Ayers-Illanna, at Chicago, Ill.,  
 W. C. McGavock, Mgr.  
 May 24, J. W. Palmer & Son, Abilene, Ind.  
 May 27, Combination Sale, F. P. Hicaly, Mgr., Bedford, Iowa, at South Omaha, Neb.  
 May 28, Henry Kuper, Humboldt, Neb.  
 May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.

May 31, W. A. Forsythe, Greenwood, Mo.  
 May 31, Walter Teel, Rushville, Ill.  
 June 4, Milton E. Jones, Williamsville, Ill.  
 June 8, W. E. Cutler, Corydon, Iowa.  
 June 11-12, F. O. Lowden, at Chicago, Ill.  
 June 13, Thomas, Jamison & Mitchell, Allen, Kan., at Kansas City, Mo.  
 June 14, H. H. Diers, St. Olaf, Iowa.  
 June 19, A. B. Clark, Wayne, Neb.  
 June 19, N. P. Halgren, Vinton, Iowa.  
 Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
 Oct. 2, H. J. Weber, Jefferson, Iowa.  
 Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
 Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
 Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
 Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
 Oct. 29, John Rasmess, Lake City, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
 Dec. 19, J. T. Judge, Carroll, Iowa.

## HEREFORDS.

May 22-23, W. N. Rogers, McCook, Neb.  
 June 18, Hood & Baker, Duquap, Iowa.  
 Feb. 25, 26, 27, C. A. Stannard and others, Emporia, Kan., at Kansas City, Mo.

## POLAND CHINAS.

Oct. 10, W. D. Fulton, Villisca, Iowa.  
 Oct. 15, John Blain, Pawnee City, Neb.  
 Nov. 6, W. J. Crow, Webb, Iowa.  
 Nov. 9, G. H. White, Malvern, Iowa.

## POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.  
 RED POLLS.

June 12, W. H. Lake, Hampton, Neb., H. F. Stubbs, Bradshaw, Neb., at Lake farm.

## DUROC JERSEYS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
 Oct. 9, Frank Butterfield, Polk City, Iowa.  
 Oct. 10, Lein Bros., Story City, Iowa.  
 Oct. 10, W. S. West, Hanna City, Ill.  
 Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
 Oct. 25, Geo. W. Seckman & Son, Mt. Sterling, Ill.  
 Oct. 25, Rlsser Bros., Sanborn, Iowa.  
 Oct. 26th, J. A. Russell & Son, Corning, Iowa.  
 Oct. 29, Geo. R. Manifold, Shannon City, Iowa.  
 Oct. 29, Watson Bros., Creston, Iowa.  
 Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
 Nov. 6, O. L. Mossman, Polk City, Iowa.  
 Jan. 16, S. G. Collicott, Lake City, Iowa.  
 Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
 Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
 Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
 Jan. 23, Reisser Bros., Sanborn, Iowa.  
 Jan. 23, Robt. Pritchard, Carroll, Neb.  
 Jan. 24, B. A. Shafer, Sanborn, Iowa.  
 Jan. 24, W. M. Lessman, Wayne, Neb.  
 Jan. 25, Henry Wallersdorf, Hartley, Iowa.  
 Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
 Feb. 3, Robt. Schaaf, Polk City, Iowa.  
 Feb. 4, Frank Butterfield, Polk City, Iowa.  
 Feb. 15, Geo. R. Manifold, Shannon City, Iowa.  
 Feb. 18, Lein Bros., Story City, Iowa.  
 Feb. 19, Leslie Sheldou, Hubbard, Iowa.  
 Feb. 21, Fred Frazier, Ankeny, Iowa.  
 March 3, Geo. W. Custer, Merville, Iowa.

## O. I. C. SWINE.

Oct. 10, J. S. Keunedy, Blockton, Iowa.

## PERCHERONS, CLYDES AND SHORT-HORNS.

June 27, A. H. Brett, Mason City, Iowa.  
 POLAND CHINAS AND DUROC JERSEYS.  
 Oct. 19, E. A. Olive, Scranton, Iowa.

## FIELD NOTES.

Short-horn bulls and Duroc Jersey sows and hogs are offered for sale by Jas. T. Dollison, Sac City, Iowa.

Messrs. Geo. W. Seckman & Son, of Mt. Sterling, Ill., will hold a public sale of Duroc Jerseys, on October 23.

H. S. Allen, Russell, Iowa, has a few Duroc Jersey hogs for sale. Read his advertisement on page 26 and write him.

Mr. Geo. R. Manifold, of Shanuan City, Iowa, claims October 29 and February 15, as dates for public sales of Duroc Jerseys.

A public sale of Duroc Jerseys is announced to take place on January 16, 1908, by Mr. S. G. Collicott, of Lake City, Iowa.

A three-days' sale of registered Hereford cattle is announced to take place at Kanass City, Mo., on February 25, 26 and 27, by Mr. C. A. Stannard, and others, of Emporia, Kan.

For descriptions and fuller particulars regarding the quarter section of farm land in Clay Co., Ill., write to Mr. J. J. Smith, Clay City, Ill., mentioning this paper. This farm is priced on page 19.

Mr. Geo. W. Custer, of Merville, Iowa, breeder of Duroc Jersey swine, who makes the claim of having the three largest hogs of that breed in Iowa, claims March 3, 1908, as date for a public sale.

H. L. Woltersdorf, Hartley, Iowa, is another one of the newer breeders of Duroc Jerseys who is founding a herd. He has been a purchaser of sows at several of the good sales last winter and has about forty spring pigs on hand, and a couple of sows yet to hear from. These are sired by Reisser's Top Notcher, G. P.'s Model, David Crimmon Wonder and Perfect Crimmon Wonder. One of his sows is Duroc Lass, a daughter of Reisser's Model, and out of a granddaughter of Iowa King M. He is using a grandson of

old Orion at the head of the herd. He will make a spring sale at which time we will have more to say about his herd.

One hundred young Duroc Jersey pigs to date is the report from Mr. S. G. Collicott, Lake City, Iowa. One fine litter is by Iowa Model, another by Corrector II, also one by S. G. Crimmon Improver, a boar of ten inch bone. This is good news from this well bred herd.

Messrs. Geo. W. Seckman & Son., Mt. Sterling, Ill., write us that their herd of Duroc sows has averaged eight pigs apiece and their pens are now filled with some 200 lively youngsters. Prospects are bright for the October sale. This is success that is well deserved.

A splendid young twenty-two-months-old Erica bull, a son of Imp. Edward R., is offered for sale by W. H. Jones, Quimby, Iowa. He also offers a nice young Blackbird for sale and several younger Angus hulis. These are bargains and they are bred right. Write Mr. Jones at once about these bulls.

Mr. Nick Loewen, Lawler, Iowa, advertises pure bred Single Comb Black Minorca eggs, also some mature fowls of last year's raising on page 11. Anyone wishing eggs or fowls of this breed should look up prices which are quoted in the advertisement. Kindly mention The Homestead when you order.

Mr. James Sheeran, of Solomon, Kan., dealer in real estate, advertises a number of first class corn and alfalfa farms for sale on page 19. These farms are represented as being well improved and anyone interested in Kansas real estate should write at once for prices, mentioning The Homestead.

Reisser Bros., Sanborn, Iowa, offer for sale their six-year-old Short-horn herd bull Red Duke 185361. He was bred by Elcoat Bros., Brucefield, Ont., and was sired by Vice Royal 140883 and was out of Susy 2d by Lynden Chief. He will weigh 2,150 pounds. They do not need him and price him at \$125 for quick sale.

Messrs. Sheldon Bros., Shannon City, Iowa, report a good string of pigs on hand and with a wide variety of blood lines represented. They have some choice litters sired by Top Notcher Chief, Savannah Belle's Chief, Brilliant Advance and Hambletonian, as well as others by sons of Old Advance, Teddy R., and Perfection Chief.

Record number 94640; fine pacer with bone spavin; pronounced utterly worthless and owner was advised to have him shot; used Fleming's Spavin and Ringbone Paste, and afterward sold the same horse for \$800. Write Fleming Bros., 210 Union Stock Yards, Chicago, for free copy of Fleming's Vest-Pocket Veterinary Adviser.

Five miles from Racine, Wis., is located a well improved farm of 150 acres that is being priced in our columns on page 19. The sale is made to close an estate, and as the farm is situated in the richest and best farming land in the state it is an offer that should have the immediate attention of prospective buyers as it should go quick. Address, Henry Warner, White Bear Lake, Minn., mentioning this paper.

A promising outlook for some first class breeding Durocs is offered in the herd of Mr. Geo. R. Manifold, Shannon City, Iowa. A number of fine litters are the pride of this breeder and they carry valuable blood. A fine family of nine pigs is sired by Iowa Chief out of an Orion sow; one of ten is sired by Ohio Chief out of a granddaughter of Nebraska Belle. Some of the best ones will be at the Iowa State Fair.

Carl Hanseu, Herman, Neb., is one of the hustling young Duroc Jersey breeders who has made good in the West. A few years ago he bred young Grant, the second prize boar at the Nebraska State Fair, and a considerable portion of his present herd is bred along the same line. Mr. Hansen has a ulce crop of 120 spring pigs, sired by his well known boar, Bar None, and Grant Challenger. He also has litters by Crimmon Critic, the second prize boar at the Nebraska State Fair, and Russell's Choice. Mr. Hansen is an excellent feeder and care taker and he always has some good pigs when the fall season comes around. Just now he is offering four fall boars for sale. These are sired by



The subject of the above illustration is the Scotch Short-horn bull, Golf-man 2d 247994, owned by Mr. R. H. Hadley, of New Providence, Iowa. This splendid Scotch bull was bred by Mr. A. L. Stutzman, of New Sharon, Iowa. His sire was Golf-man, the best Scotch bull ever owned by Mr. Stutzman. Golf-man 2d was sired by a great bull and his dam, Melba 2d, was unquestionably one of the great Scotch cows of the state. Her sire was Imp. Fearless Archer. This splendid bull is included in Mr. Hadley's public sale, May 22d. He was calved July 1, 1904, and as his picture shows is a dark red roan. His head is chock full of breed character, being strikingly masculine. At this same sale Mr. Hadley will sell forty-seven head of very useful, practical cattle, good milkers and good breeders. There will be sixteen hulis and thirty-one cows and heifers, mostly of breeding ages and a large per cent will have calves at foot or soon due to calve. Note announcement on page 28.

**Here's a SNAP**

OLDEST AND BEST AMERICAN DIP

Eight-foot galvanized steel tank for Sheep or Hog Dip, free on board Chicago

Special rates on large lots. Three \$2.00 packets of Cooper Sheep Dip may be substituted for Milk Oil if preferred. 5 gallons Milk Oil Dip, without tank, \$1.00, F. O. B. Chicago.

Our line includes **Summer's Worm Powders, Toxaline Worm Remedy, Ear Labels and Buttons, Branding Liquid, Tattoo Marker, Sheep Shears, etc.** Illustrated catalogue of all Stockmen's Supplies free by mail.

**F. S. BURCH & CO., 177 Illinois Street, CHICAGO, ILL.**

**MILK OIL DIP**

**\$12.50**

5 GALLONS

Grant Hero, a son of Duroc Paragon. He is making a special offer on these and the first man that sends him a twenty dollar bill gets a boar. Write him at once if you want one.

Mr. J. C. Thiele, Hartley, Iowa, is establishing one of the very excellent herds of Chester Whites in northwest Iowa, and he has about fifty nice spring pigs for the season's trade. He has a splendid lot of brood sows, and has been very careful in his selection of these. He has been a leading winner at the local fairs in his neighborhood, and he expects to have, in the near future, one of the best herds in the state.

Mr. W. R. Webb, Spencer, Iowa, breeds the O. I. C. hogs and has sixty spring pigs and several sows to farrow yet. Many of these are sired by his old herd boar Snowball, but he has five new sows this year in the herd, and they have pigs by other boars. He will, therefore, be able to furnish his old as well as his new customers with O. I. C.s this fall. Last year he sold seventy-five head and his customers were well satisfied.

Letters patent of the United States was issued last week to Mads H. Madsen, of Kimballton, Iowa, for a hay-handling mechanism for use in barns, by means of which loads of hay can be dumped from the slings or harpoon fork to either side of the track in the barn. This apparatus saves hand-forking the hay to the side. The patent was secured through Silas C. Sweet, patent attorney whose advertisement appears on page 8.

Mr. D. M. Norton, Sanborn, Iowa, the well known Shropshire sheep man has 175 head now on the farm, beside this year's lamb crop. He will have about forty-five head of rams for sale this fall as well as a choice lot of ewes. Most of his foundation stock was purchased from the best breeders in Canada. Each year his advertisement is to be seen in The Homestead, and he will have something to say through these columns later in the season.

A fine crop hearing farm is offered for sale near the Burlington railroad in south central Nebraska. The improvements on the land are represented as being good. The land is well adapted to farming and is free from stones and broken fields. Most of the farm is under cultivation and anyone looking for a farm of this kind should write to Mr. W. F. Dale, York, Neb., for particulars. Kindly mention this paper and refer to page 19 for the advertisement.

Mr. J. M. Janssen, Sibley, Iowa, breeder of Chester Whites, reports about forty early spring pigs on hand and a few sows to farrow in the near future. He had a good trade last season, and his customers were well pleased with what he sent out. He will be on the firing line again this fall with some good boars and a choice lot of gilts, and his advertisement will be found in The Homestead. Keep him in mind when you want anything in the white hog line.

Messrs. A. J. & L. L. De Young, Sheldon, Iowa, have about 180 Duroc Jersey pigs this year. The Messrs. De Young have been breeding Durocs in northwest Iowa for these many years and have had one of the good and practical herds. At the head of this herd is Perfection Wonder, a son of old Crimmon Wonder, and he is one of the few sons left of that noted old sire. Perfection Wonder has done good service in the De Young herd and he has proven himself to be a good breeder. He is assisted by Orion Advance, and many

**250,000,000**

Sheep Every Year Dipped in

**COOPER DIP**

Has no equal. One dipping kills ticks, lice and mites. Increases quantity and quality of wool. Improves appearance and condition of flock. If dealer can't supply you, send \$1.75 for \$2.00 (100 gallons) packet to Des Moines Drug Co., Des Moines, Ia. Hornich, Hess & More, Sioux City, Ia. Wm. Cooper & Nephews, Chicago.

## SHEEP.

## CLOVER HILL SHROPSHIRE

IN favor everywhere because of their good size, strong constitution and true type. We now offer a strong, growthy lot of rams and ewes, coming yearlings, sired by 275 to 305-lb. champions of England and America. Will import this summer, as usual, from England and Scotland and will execute orders for show or breeding sheep on a very low commission. If wanting home bred or imported, few or many, our offers merit your consideration.

CHANDLER BROS., Chariton, Iowa

## More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free.

MYERS-BOYD COMMISSION CO., ST. LOUIS, MO.

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

## GOATS.

## 2,000 HIGH GRADE ANGORA WETHERS.

One and Two Years Old. THESE goats can be used for brushing and then fed and sold for mutton. Come and see me or write. Address, WYATT CARR, Collins, Iowa. Farm 3-4 mi. from depot. Phone 44

of the present crop are sired by the latter boar. They also have pigs by Achiever Boy, and Fashion Plate. The latter boar was formerly owned by I. C. Welch, of Cherokee, Iowa, and he sold him at a long price. The Messrs. De Young will have a nice crop of pigs to select from this fall, and a son of Perfection Wonder would look good at the head of any herd. They are now booking orders for fall delivery.

Rood Bros., Lake Park, Iowa, report that they have about fifty Duroc Jersey spring pigs on hand, and some sows are to come in yet. These are sired by Red Ribbon, Fortunate Maker and Belle's Model, their own herd boars. They say they enjoyed a good trade last year and were sold out early in the season. They expect to have some good things for their fall trade, and will be pleased to hear from all their old customers as well as the many new ones. They say they have had good results from The Homestead and will be with us again this year.

We wish to say to those who are in need of a good fall Duroc Jersey boar that Mr. W. A. Kirkpatrick, of Lincoln, Neb., has some extra good ones. They are very growthy, big boned fellows and are bred from matured stock. They are sired by such boars as Fancy Crimmon Wonder, one of the best sons of the great Crimmon Wonder. Others are by Crimmon Wonder's brother, a full brother to Crimmon Wonder. If you are in the market for a good pig write Mr. Kirkpatrick for description and prices. When writing mention The Homestead.

Mr. B. A. Shafer, Sanborn, Iowa, is one of the oldest breeders of Duroc Jerseys in northwest Iowa, and has been with The Homestead for these many years. This year he has a crop of fifty spring pigs, not quite as large as usual, but still enough to supply many of his old customers. These are sired by Orion's Advance, a son of Orion out of an Advancer sow; C. P.'s Model, the boar at the head of the Gus. Pederson herd; Sunny Jim, a grandson of the first prize Iowa State Fair boar, Perfection Chief; and he also has a few litters by Achiever Boy, a son of Achiever. Mr. Shafer has three granddaughters of old Crimmon Wonder in the herd, these being sired by Perfection Wonder. One of his best litters is out of one of these and is sired by Orion Advance. He has seven sows to farrow yet to Waneta King. The latter boar was sired by Duroc King Jr. 3d and out of Miss Orion by Orion. He was used in the Shafer herd until recently, having been killed by another boar. Mr. Shafer has been breeding Durocs for eleven years, having purchased his earlier stock from the pioneer breeders of the state. He will have some-



thing to offer his customers as usual when the fall season comes around.

Mr. J. H. Kuehl, Sanborn, Iowa, has one of the good herds of Poland Chinas in north-west Iowa, and has about eighty spring pigs on hand. He is using a boar called Waneta Duke, a son of Will Crow's well-known boar, Up-to-Date. Two of his best big sows are Waneta Delight and Waneta Lilly. These are sired by Waneta Lad and are out of a daughter of old King of the West, second dam by Empire Chief. He has two daughters of the sweepstakes boar Matchless Chief, Jr., and one by Correct I Know. He is a good feeder and he always has some good things when the fall season comes around.

Geo. A. Nordyke, Allen, Neb., is one of the younger breeders of Duroc Jerseys in northeastern Nebraska that has been doing things. His first sale averaged him \$58.25, and this was simply because he had a good offering and one that the breeders and farmers appreciated. This was encouraging enough to induce him to lay in more good sows, and everything that he bought last winter was the very best. At the Edmonds, Shade & Co. sale he purchased the Iowa State Fair sweepstakes sow, Royal Blossom 5th, considered one of the greatest sows shown at any of the fairs last year, and she was bred to Masterpiece, the first prize American Royal boar. She farrowed a good litter, but lost all but two during the cold weather. She has two very choice gilts left, and they are something that should be sought after by the best breeders. He has about 50 pigs and they are sired by Junior Jim, Dan Orion, (his present herd boar and a son of the great Orion), Col. Royal, a son of American Royal, and Masterpiece, the American Royal first prize winner. Mr. Nordyke topped several of the best sales last winter, and every sow that he purchased was a good one. With the foundation that he now has, he should come to the front as one of the best breeders in northeast Nebraska. He will have something to offer Homestead readers later in the season at which time we will have more to say of his herd.

A representative of The Homestead recently had the pleasure of visiting the herd of Mr. Gus. A. Pederson, Ocheyedan, Iowa, and found 150 head of Duroc Jersey pigs. Mr. Pederson is particularly fortunate this year in having at the head of his herd, G. P.'s Model, a yearling son of Duroc Paragon. He purchased the pig of O. E. West, last season and he is one of the best boars today in northwest Iowa. This young boar carries the blood of some of the most famous boars. His sire, Duroc Paragon, was a son of the sweepstakes boar King Perfection, he by Banker Boy II, by old Banker Boy. His dam is Lady West III, by West's Hero, by Crim-son Prince. He traces several times to old Crim-son Prince as well as to several other noted boars, who were familiar in the earlier days of the Duroc Jersey breed. This boar is just turned a year old, has lots of size, a splendid body, and is as smooth as an apple, there not being a crease in him. He made a good impression with breeders at Mr. Pederson's last sale, and he has continued to improve since that time. A detailed description of his many good points is superfluous at this time, but breeders can depend on his being an extra good young boar. He has about seventy-five pigs by him, and they are looking well. The rest of his pigs are sired by Osceola Chief and a few litters are out of sows purchased last winter and sired by other boars. One of these is a King of the West sow, bred by L. H. Roberts & Son, and she has a litter by King of Iowa. He has another litter by Henry Advance, and one litter by Dakota Challenger. Mr. Pederson has had splendid luck so far this year. He has one sow to farrow yet, and then all he will do is to look after his hogs. He is a good caretaker, and he will have something choice for his fall trade.

Frank Iams writes: "Mr. Stallion Buyer:—There is nothing that 'succeeds like success,' Iams of St. Paul, Neb., the largest individual owner of Percherons, Belgians and coach stallions in United States, is the 'architect' of his prosperous stallion business. For twenty-five years he has 'knocked against the rocks of business' and knows the 'tricks' of the horse business. By his keen judgment, his 'square dealing,' his characteristic advertising, his independent stand against the 'giant stallion trust,' by having the best stallions that money will buy in Europe, he is 'boosting' his business and saving thousands of dollars to 'stallion buyers,' by 'selling Peaches and Cream' stallions at \$1,000 and \$1,500, (few little higher), guaranteed better than any stallion sold to 'Farmers' Stock Co.s,' at from \$3,000 to \$8,000. If you don't find this true at Iams' barns, and every statement in advertisement or catalog true, you get the \$500 Iams hangs up. Iams has opened up a new barn of twenty state prize winners—the 'best ever'—Iams kind—big ton 'black boys' that are 'eye-openers,' worth going 2,000 miles to see. They are the best bunch of 'big boned' 'top notchers' imported in twenty-five years. All of Iams' famous prize winners in United States and Europe are in his barns and must be sold. He has 'lifted the lid' again and is knocking 'high prices' on stallions off the 'Xmas tree.' It is 'bargain day' at 'Iams' Stallion barns,' all your folks 'will take off their hats and say: 'Iams has the goods' as advertised. Iams wants your business. That's why he advertises. 'He will put your hair in a curl' with 'swell' ton stallions and save you \$1,000 or \$1,500 and a better stallion, then you can wear the diamonds, not the 'pedler' or 'auction blockman.' You say: 'Why can Iams sell better stallions at half the price of others?' Iams buys and sells every stallion himself at his home barns. He buys stallions by 'special train load,' eighty to 150 at a time. He speaks the languages, saving you 20 per cent. He is not in the 'stallion trust,' saving you \$300. He pays no 'slick salesman' \$1,000 to sell you a fourth rate stallion. He has no two to ten men as partners to share profits. He pays spot cash for his stallions, owns his farms, houses, barns, stocks and stallions. He sells stallions by 'hot advertising,' \$1,000 or \$1,500 insurance placed by Iams on stallions. Iams has on his 'selling clothes,' and they fit all buyers. No man that will 'talk business' and will pay cash or give bankable note gets away from Iams. Write for Iams' 1907 horse catalog, with 100 illustrations, an eye-opener that will save you thousands of dollars. Iams will receive from Europe, 200 Percherons, Belgians and coach stallions and mares by special express train,

Sept. 1, 1907. Watch Iams' smoke—He sells horses." See advertisement on page 27.

A representative of The Homestead recently dropped in on Carey Cameron, Hermon, Neb., known throughout the West as one of the successful Duroc Jersey and Short-horn breeders, and found him with a nice crop of spring pigs and a most excellent lot of calves. He has 148 pigs from eighteen sows, an average of eight to the litter. These are sired by Russell's Choice, a son of old Crim-son Wonder; West's Duroc, a son of Noble King; Diamond Jim, a grandson of the old sweepstakes boar, Gold Dust Jim, and he also has a litter by Grant's Challenger, one of the boars used at the head of Mr. Carl Hansen's herd. Mr. Cameron has some splendid litters at the present time, and while it is too early to say anything authoritatively on pigs, it is safe to say that should nothing go wrong, he will have some good ones for the boys later in the season. In Short-horns he has some nice young bulls and some very choice heifers that are coming on well. These are all sired by his well known herd bull, Imp. Victoria's Count. He is not offering these for sale, as he expects to grow them out and put them into a sale later on. One of these heifers is particularly attractive, being good enough to go into any herd. In fact, several of these are very desirable young things that any breeder could feel proud of. His last sale averaged \$145, and this in itself shows that he breeds a class of Short-horns that the people appreciate. Later on we will have more to say about these two herds.

"We have just had the pleasure," writes Mr. J. G. Truman, manager of Trumans' Pioneer Stud Farm, Bushnell, Ill., "of receiving a visit from our old customers, Messrs. William Stewart, Elmer and Charles Sunkel, of Paris, Ill., the owners of the celebrated Shire stallion Milestone Harold. The outcome was we sold them three of the fillies we recently imported. It is a great pleasure to see enterprising young farmers and breeders as these buying the very best live stock they can purchase and if all goes well there will be in the vicinity of Redmon some of the very best Shire colts in the United States. To those enterprising breeders, of Keokuk county, Messrs. N. H. and W. M. Horras, of Ollie, Iowa, we sold the black-brown imported Shire stallion Blackburn (24008.) He has the best of feet and joints, extremely heavy bone, standing well on to seventeen hands and weighing around the 1,900 mark and should prove an extraordinary breeder. He is among the best two-year-olds we have imported this season. The noted prize winning imported Hackney stallion "Bradney Ambition," has been sold to the Conneautville Hackney Horse Company, of Conneautville, Pa. He will be remembered as the sensational chestnut horse we showed at the different state fairs and horse shows and succeeded in winning his share of the blue ribbons and cups. We imported his sire, Copalder Bonny Gabriel, which was sold to Mr. J. Hobart Moore of Chicago. We still have quite a good many first class Shire and Hackney stallions for sale and about thirty imported mares and shall be pleased to hear from any readers wishing to purchase."

In looking over the many good herds of Duroc Jerseys in southern Nebraska, The Homestead field man had the pleasure of calling on Mr. M. W. Putman, of Tecumseh, Neb., and found there a very good bunch of spring pigs. They were moving along nicely for this time of the year and among them it was easy to see that many of them were extra good prospects. The majority of the this year's crop were the get of his herd boar, Crim-son Jim, a hog that has proven a wonderful breeder in this herd, as his get have already demonstrated in the sales and shows that Mr. Putman has made. Crim-son Jim is a son of Crim-son Jack and he by the great show and breeding boar Crim-son Wonder. His dam was Heavy Bone 3d, by Morton Boy. This boar's breeding is already too well known to need any further explanation, and as an individual Crim-son Jim is sure to

## Opportunities Along a New Line

Today the great opportunities in farming, in cattle raising, in timber and in commercial lines are in the country and in the towns along the Pacific Coast extension of the

## CHICAGO MILWAUKEE & ST. PAUL RAILWAY

It has been a long time since a transcontinental railroad has been built. It will probably be a longer time after the completion of this one before another one is built. It is worth your while to investigate these openings. This you can best do by a personal visit. Such a trip is made inexpensive by the low rates via this railway to

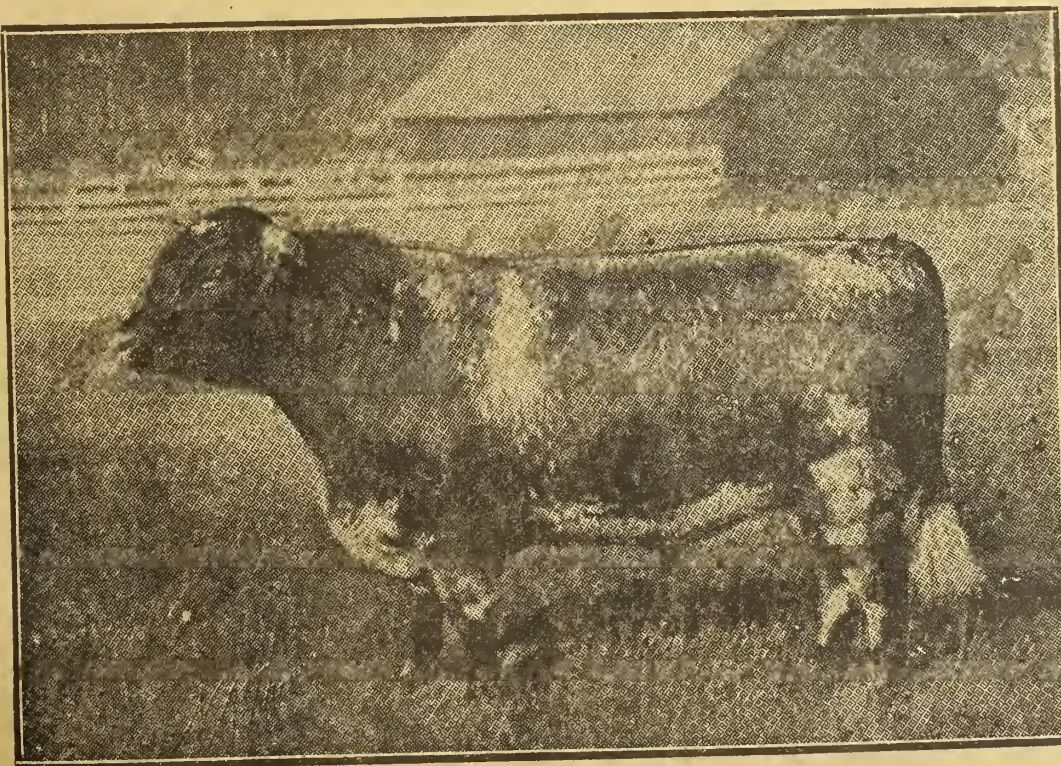
South Dakota North Dakota Montana  
Idaho Washington

If you are interested, write for information, asking specific questions. A letter and descriptive book and map will be sent by return mail.

**S. H. VAUGHAN**  
Division Passenger Agent  
DES MOINES, IA.

be classed among the good boars of the business. He was assisted in service in this herd by the great yearling boar Lincoln Top, one of the good prospects for a competent herd leader now in any Nebraska herd. He is a hog of great scale for one of his age, carrying a good even width from end to end, with a good arched back that is so pleasing to the eye of the good breeder. He has a good head and ear and as for good bone and feet

we consider that there are few boars in the business that will equal this youngster. Mr. Putman is offering some extra good gilts by Crim-son Jim, bred to this young hog Lincoln Top at very reasonable prices and if you can use a good sow due to farrow a fall litter you might do well by writing Mr. Putman for one of these as a litter of Lincoln Top pigs are liable to be a very profitable thing to have a little later on. Write



Imp. Cock Robin, one of the most noted show and breeding bulls of America, owned by Messrs. I. M. Forbes & Son, of Henry, Ill. Several of the females consigned to the Forbes-Prather-Ayres-Hanna Short-horn sale to be held at Chicago, on Thursday, May 23, are either sired by or bred to this noted bull. See field notes.



Mr. Putman for description and prices and mention The Homestead.

#### FARM BARGAIN IN COMANCHE COUNTY, KAN.

It will pay you if interested in Kansas farm lands to turn to page 19 of this issue and read the bargains that Ely, the land man, is offering. Wheat, corn and alfalfa are raised in Kansas in abundance. Buy now, while good land is still cheap. When writing please mention this paper.

#### S. H. THOMPSON'S SONS' SHORT-HORNS.

On another page will be found the announcement of some fifteen choicely bred Cruickshank Short-horn bulls for sale by S. H. Thompson's Sons, of Iowa City, Iowa. Among these bulls are several that this firm regard as herd headers. The entire offering is red in color and is from red sires and dams. These bulls are priced reasonably to make room for the spring crop that are now coming on.

#### GOOD FARMS WANTED.

On page 19 will be found an advertisement for information regarding good farms that can be bought direct from their owner. No agents need apply, as it is the desire of this advertiser to close his own deal, thereby saving the big commissions on the transaction. Anyone who has or knows of a good farm that is for sale would do well to write to Information Dept., Locator Pub. Co., Minneapolis, Minn., mentioning this paper.

#### SCOTCH SHORT-HORN BULLS FOR SALE.

Messrs. Cookson Bros., of West Branch, Iowa, are offering for sale some of the best young Scotch Short-horn bulls that they have had on hand for a long time. They are all sired by Young Commodore, considered the best individual Short-horn bull in Iowa. These bulls are of very desirable Scotch families and must be seen to be appreciated. They are all of the herd heading sort. They are all reds and range in ages from eleven to twenty months old.

#### WINDMILL INFORMATION VALUABLE.

For a number of years the Double Power Mill Company, of Appleton, Wis., has been offering a reward of \$1,000 for the equal of their two-wheeled power windmill. This same company, so satisfied of the superior merits of its recently invented single open wheel mill, offers a like reward for something better. The wheel has a new device by which it needs oiling only once in six months—a very desirable feature. We would suggest that you write them for full particulars, for which you should ask for Booklet 104. Address, Double Power Mill Co., Appleton, Wis. See page 10.

#### RED POLLED CATTLE.

On page 25 will be found the announcement of Mr. G. W. Sharp, of Marble Rock, Iowa. Mr. Sharp has been breeding Red Polled cattle for several years, but made his initial how last season to our readers as an advertiser. This journal was the means of his disposal of his entire crop of bulls. He breeds Red Polls on dairy lines, rather than for beef. Wherever sold his bulls have given the best of satisfaction. He now has but one bull to sell and few or no cows or heifers. He has a nice crop of Poland China pigs now on hand. Mention this paper when writing.

#### WHO DISCOVERED BLACKLEG VACCINE?

Biological products such as blackleg vaccines and other kinds which are furnished users by the Pasteur Vaccine Co., Ltd., are generally known as "Pasteur products." While the discovery of Anthrax Vaccine was made by the noted French scientist, Pasteur, the discovery of blackleg vaccine, a different product was made by Professors Arloing, Cornevin and Thomas, others noted for their work in this line of research. Blackleg Vaccine may be secured at most druggists or may be obtained by writing to the Pasteur Vaccine Co., Ltd., 441-5 Wabash Ave., Chicago, sending name of local druggist.

#### NEW IDEA IN LAWN MOWERS.

On page 14 of this issue we show an illustration of the Clipper Lawn Mower. This mower is a new design for lawn use, and, as will be seen, cuts the grass like an ordinary mower instead of like the old-fashioned revolving knife kind. The superiority of this kind of a mower is that it cuts any height of grass and does not cut any of it twice. At the same time it runs with light draft. Ask your dealer for Clipper Lawn Mower, and if he does not have it on hand send direct to the manufacturers. Prices quoted on page 14. Write to the Clipper Lawn Mower Co., Dixon, Ill., and mention this paper when you order.

#### AUTOMATIC WATER SUPPLY SYSTEM.

Elsewhere will be found an illustration of the Myers' Automatic Water Supply system showing in general the principle involved. The supply system should be of special interest to farmer and stockmen, as the idea is to raise and elevate the water to the supply tank at the least possible amount of expense and energy. This company desires a representative in every county. Any farmer who has a little side time could nicely handle this work and if he will write them he will receive full information. Address Myers Pump & Mfg. Co., Kansas City, Mo. Kindly mention this paper when writing and refer to their advertisement on page 8.

#### NOTED TRUNK FACTORY NOW SELLS DIRECT TO CONSUMER.

After twenty years of successfully making and selling trunks, suit cases and hand bags, of all patterns, the Des Moines Trunk Factory has decided to make a change in the method of supplying the consumer. Just recently this firm adopted the plan of selling from their factory direct to people who use these articles. The old way of getting goods on the market was too round-a-bout. Too many profits were added to the factory price of the trunk or suit case on its way to the final purchaser. By selling from the factory in Des Moines all this expense and middlemen's profit is eliminated. Where a trunk sold for fifteen dollars under the old method of retailing, it can now be sold for from one-half to two-thirds as much. Think of the money saved to the trunk user! And remember the quality of the goods remains the same. The Des Moines Trunk Factory make as high a grade of this kind of goods as can be found in the West. The writer has inspected the stock and knows this to be a fact. A trunk finished in brass and leather some of the patterns described in the cat-

alog is a most convenient and ornamental addition to the dressing room. A catalog for general distribution has been issued by the factory and it fully describes every article made by the company. Any article in the trunk or case line may be ordered direct from this catalog. Send for it today. Address, the Des Moines Trunk Factory, Des Moines, Iowa. Kindly mention this paper. See page 13.

#### A RELIABLE DRIVING CART.

There is only one way to break the colt that is to be used on the road. That is with the Champion driving cart. With a horse hitched in this cart the driver is perfectly safe. It is pleasant and agreeable to ride in, easy on the horse as well as the man. The seat is adjustable so that the cart can be balanced, thus doing away with any annoyance that might irritate the horse. Every person who breaks horses and colts should interest himself in this cart, which is manufactured by the Champion Cart Co., 107 Cahin St., Ligonier, Ind. They will consider it a favor if you mention this paper in your inquiry. See page 6.

#### N. P. HALGREN SELLS SHORT-HORNS.

On June 19th, at his farm, near Vinton, Ia., Mr. N. P. Halgren will sell at auction fifty head of Short-horn cattle. All are young and desirable. There will be thirteen bulls and the remainder young cows and heifers. Some fifteen calves will be sold with dams as one lot, and in some cases the dam will be again re-bred to that most excellent Scotch bull, Prince Royal 175494, a splendid red, thick Scotch bull also included in the sale. His sire is Imp. Prince Oederic, and on his dam's side traces to Imp. Day-break by Lorne (45178). The announcement and particulars of this sale will appear in this paper on June 6-13.

#### FARMING IN CALIFORNIA.

The enormous profits possible to the California farmer make the six free booklets which are being advertised on page 19 intensely interesting reading. No matter what has been the system of farming carried on by a man previous to removing to California he need not adopt new systems, as it is a country suitable to dairying, stock raising and general farming, as well as orcharding and gardening. These booklets give facts and figures that can be depended upon and explain the delightful features of living in California. Write for the booklets to the California Farm Land Co., 96 Grosse Bldg., Los Angeles, Cal.

#### A LITTLE PILL WILL DO IT.

Just a little pill placed under the skin of the animal by a single thrust of the instrument will make your cattle immune from the fatal disease of blackleg. "Blacklegoids" is the name of these pills and they are made in this form so they will be easily administered. They are a simple, safe and sure vaccination for the prevention of blackleg. No stockman can afford to run the risk of having a part or all of his stock lost by blackleg, when such a simple and effective remedy may be applied at an expense that amounts to nothing. For a descriptive circular of methods of vaccination and the use of Blacklegoids write to Parke, Davis & Co., Detroit, Mich. Kindly mention this paper in your inquiry. See page 6.

#### ABERDEEN ANGUS BULLS FOR SALE.

Messrs. Dunning, Johnson & Allen, of Greene, Iowa, again place their announcement in this issue, setting forth the fact that they are now prepared to offer the public fifteen choice "doddie bulls" ranging in age from twelve to twenty-four months old. They are big, strong, lusty fellows ready for a vast amount of hard service. They will also sell one of the herd bulls, Nuggett of Cottage Grove 20th 68671. This is a choicely bred bull whose tabulated pedigree shows some of America's most noted sires. He was sired by Nuggett of Cottage Grove (a Lessin & Burwell bull), he by Black Bird King. The other bulls now in use at Pleasant Grove Farm are Imp. Pride of Abolour, Lawlander and Newton Hero. The last named is a Heroine, sired by McHenry Black Bird 8th. Lowlander was sired by Gay Blackbird while his dam was Levity of North Oaks 5th. Imp. Abolour was sired by the Great Britain champion Allick of Abolour, while his dam belongs to the famous Pride family. The herd now numbers one hundred and seventy-five head of as practical, prolific and useful cattle as are to be found of the champion breed.

#### HEALY'S SOUTH OMAHA SALE.

The sale of South-horn cattle, at South Omaha, Neb., on May 27th, under the management of that veteran breeder and authority, F. P. Healy, promises to be one of the events of the season. Mr. Healy has had the reputation of always bringing to his South Omaha sales, a class of cattle that the breeders and farmers of the West desired, and the offering that he has gathered together for the occasion will maintain his previous reputation for bringing to this point just what buyers want. These cattle are by no means the culls and the tailings, but have been selected from some of the best herds in the state. There will be forty-nine head in the sale and over half of them are Scotch cattle. Some of these are pure Cruickshank, good enough to go anywhere. In the bull offering are several Scotch herds, while many of the females are bred along the most approved and up-to-date Scotch lines. It is an offering that farmers and breeders of the West cannot afford to overlook. It is a breeders' sale, and every breeder is well known and reliable, and every man stands behind his own cattle. When, therefore, you are doing these men you know just what you are doing and what you are getting. Mr. E. C. Holland, of Milton, Iowa, contributes ten head; seven of these are two-year-old heifers, and three are young bulls. Two of these are Scotch bulls and both are sired by Bold Prince 237479, a Thompson bred bull, and a grandson of Victor Mysie 2d. One of these is a richly bred Orange Blossom, while the other is an Acorn, and both are excellent young bulls. He also sells a nicely bred Scotch-topped young Mary bull. Every heifer that he sells is red in color, and have three and four Scotch tops on young Mary and Young Phyllis foundations. Mr. Holland has selected some of the best things he has in his herd for this sale. Mr. F. P. Healy is putting ten head into this sale, and all are Scotch cattle. Four of his consignments are young bulls. Two of these are



## FRUIT GROWING

The rich irrigated lands of the Arkansas, Grand, North Fork and Uncompahgre Valleys of Colorado, and the Farmington District of New Mexico, offer exceptional opportunities for the fruit grower. Pears, Peaches, Apples, Grapes, Apricots, Plums, Melons of all kinds and small fruit of every variety are raised with a greater average yield per acre—and a finer quality—than in any other section of the United States. Markets are close at hand and the demand exceeds the supply.

### The Denver & Rio Grande R. R.

"Scenic Line of the World"

reaches all the above districts and offers special inducements to those seeking locations. Write to-day for free descriptive booklets.

S. K. HOOPER, GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.

TOO LATE TO CLASSIFY.

## FARMERS' HEADQUARTERS FOR GOOD DUROCS.

"MAPLE LAWN," Duroc-Jerseys are giving satisfaction in 23 states and territories. Herd established in 1883. Two fall boars of herd heading quality, and a splendid bunch of March pigs now ready for shipment. Buy now, get the best, and save express. Prices reasonable. Satisfaction guaranteed. Send for a free copy of THE DUROC JERSEY BREEDERS' POCKET MANUAL, (copyrighted). Publisher's price, 25 cents. Address,

C. H. SEARLE & SONS, R. F. D. 4.

EDGAR, NEBRASKA.

## DUROCS DUROCS DUROCS

OWNED by W. H. Haith, Vesta, Neb. Herd headed by Ed's Improver 48637, one of the greatest living sons of Improver II 13465. 125 good pigs on hand from most fashionable strains. Am booking orders for spring pigs. Write me for prices. Inspection invited. Mention Homestead when writing.

### MODELER 13235

The sensational record breaker of 1906 at head of herd.

FOR SALE. Ten choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. 4. Ten extra good fallboars litter mates to above gilts, guaranteed as represented. Illustrated catalog free. W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA.

## WANTED TO TRADE

A FASHIONABLE Standard Bred three year-old stallion for a draft stallion of same age, or younger. F. L. Williams, Postville, Iowa.

## FOR SALE THREE

Ited Scotch topped Short-horn Bulls. 1 three year-old, 2 yearlings. Priced right for quick buyer.

S. S. SPANGLER, MILAN, MO.

## POLAND CHINA FALL BOARS FOR SALE

I HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd headers. I will also offer my herd boar Neb. E. L., he by Perfection E. L. He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead.

E. F. JACKSON, Raymond, Neb.

## HORNUNG'S BIG BONED POLAND CHINAS

I HAVE 15 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd headers. I will book your order for a good one at once if you want your pick. Nothing but the very best will be shipped. Write me and mention The Homestead.

ERNEST HORNUNG, RAYMOND, NEB.

## PLEASANT VIEW HERDS DUROC - JERSEYS

140 SPRING PIGS. Sired by such noted boars as Junior Jim, American Royal, I. X. L. Advancer, Reisser's Tip Top Notcher and other sires. We have some good boar prospects. Write us. REISSER BROS., Samburg, Iowa.

richly bred Duchess of Gloster bulls, one is a Victoria and the other is one of those Minervas. Gloster's Baron is just two-years-old, and was sired by Baron Pride, a richly bred Queen of Beauty bull. Here is a good herd header for some enterprising breeder, and he is as nicely bred a Duchess of Gloster bull as can be found. Baron Gloster's Pride is bred along the very same lines, only he is about eight months younger. Top Round Baron is a yearling Victoria, sired by Baron Pride and out of a daughter of Scottish King and Baron Minerva is sired by the same bull and is out of a daughter of Imp. Red Light. In females he is selling five head of heifers and one cow with bull calf at foot. The latter is Secret Princess, a six-year-old daughter of Imp. Prince Oederic and her dam is a daughter of Imp. Ducal Crown. Here is one of his best breeding cows. She is a Cruickshank Secret, and has a bull calf at foot by the Duchess of Gloster bull, Gloster's Favorite. He also sells three good Secrets, one Duchess of Gloster, and one Brawith Bud heifer. His consignment is just as good as he has in his herd. W. R. Wilson, one of Iowa's oldest and best breeders, sells sixteen head, and fourteen of these are Scotch cattle. Among his offering is his Cruickshank herd bull, Straight Cruick 191132. Here is a five-year-old son of Violet's Galahad out of a daughter of the noted bull, Valley Champion. He is a richly bred Queen of Beauty, and he has been used with decided success in the Wilson herd. Mr. Wilson thinks enough of him that he is retaining his heifers, and this is the only reason he is disposing of him. He is all right as a breeder and he will have a string of young things in the sale that will prove it. Just keep him in mind when you go to the sale. One of his best young bulls is Red President 275967, a two-year-old in July. His sire is Imp. Roan

## BULLS FOR SALE

HAVING decided to breed Holsteins exclusively, the Mt. Pleasant State Hospital is offering for sale two fine Short-horn bulls, both registered. One two, the other three years old last February. Prices reasonable. Address,

C. F. APPLGATE, SUPT.

## J. J. LEHR, Ransom, Ill., is offering 6

Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. It. eggs, \$1.50 per 15. Mention Homestead.

## GOLDEN QUEEN DUROCS

HERD headed by Crimson Jim, a grandson of the great Crimson Wonder, assisted by Lincoln Top by Morrison's Belle Top. I will offer a few good gilts bred to Lincoln Top that are right in every respect. Write me and I will tell you all about them. W. D. PUTMAN, TECUMSEH, NEB.

## PANCAKE'S DUROCS

HERD headed by Kant's Top Notcher. One of the best sons of Kant be beat. 150 spring pigs representing most noted blood of the breed. Write for prices and descriptions, mentioning Homestead. Ernest Pancake, Ransom, Illinois

## DUROC JERSEY BRED SOWS

I AM OFFERING THREE SOWS FOR JULY farrow, and I am now booking orders for fall farrow. Only the best strains in my herd. AUSTIN RENSHAW, BLAIR, NEB.

## RUSSELL'S DUROC - JERSEYS

GLENDALIE CRITIC, the greatest son of Crimson Wonder, at head of herd. Booking orders for fall delivery. 125 pigs to pick from. Address, E. Z. RUSSELL, BLAIR, NEB.

## STEERS FOR SALE

286 HEAD well-bred steers, the low-down, blocky kind, dehorned; weight 600 to 1,150 lbs. Must be sold at once. Call on or write H. I. BALL, FAIRFIELD, IOWA

## Table Backed Herefords

THIRTY-THREE bulls from 12 to 23 months old. Five of them are herd headers. Prices about half what you would have to pay for the same individuality and breeding from others. Try me. W. W. Wheeler, Box H, Harlan, Ia.

President, and his dam is a daughter of Scottish King. He is red in color, is a richly bred Cruickshank Secret, and the making of a good herd bull. Beauty's Cruick 2d is just at a year old sale day. His sire is Straight Cruick and his dam is Imp. Beauty 16th, and is a nice youngster for his age. Bapton Cruick is one of the best things Mr. Wilson will offer in the bull line. He is a son of Straight Cruick, out of Bapton Beauty by the Norton bred bull Bapton. He will bear inspection on sale day. In his female offering is one of his best breeding cows, Faithful. She is a daughter of Master Mason, out of a daughter



## POLLED DURHAM CATTLE.

**Botna Valley Herd Double Standard Polled Durhams**

SOME splendid young bulls for sale, ranging in age from twelve months to two years; mostly dark red. These bulls are bred right, fed right and prices are right. Public Sale, Oct. 30th, at which time we will sell 50 one, two and three-year-old heifers. Address, **JAMES WILSON & SONS, AVOCA, IOWA**

**F. A. MURRAY, MAZON, ILL.****Breeds POLLED DURHAMS.**

STOCK that will please you at prices you can afford to pay. **SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.**

**BERKSHIRE HOGS.****1907 Crop of Berkshires at Chapel Hill.**

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address,

**W. D. McTavish, - Coggon, Iowa**

**BERKSHIRE SOWS AND GILTS**

I AM offering a splendid lot of bred sows and gilts for sale, of the most choice breeding. Write me for prices. Address,

**E. H. DANCER, Lamoni, Iowa**

of Imp. Red Emperor. She is one of those richly bred Campbell Rosebuds, and she will have three of her daughters in the sale. One of the best heifers that he will sell is Flora Aberdeen 2d, a three-year-old daughter of the Norton-bred bull, Secret Prince, that formerly headed the W. R. Whillans herd at Elgin, Neb. This heifer is one of the best to be sold at South Omaha this season, and she is of decided show character. She is one of those richly bred Floras. The most of the Wilson heifers belong to the Campbell Rosebud and the Cruickshank Secret tribes, and it is an offering that will need no man's apology when they come into the ring. Mr. E. E. Healy will sell two daughters of Count Ramsden in the sale, and one of these is a well bred Mary Ann of Lancaster. J. A. McFarlane, Fairfield, Neb., will sell five young bulls, all sired by the Scotch bull Golden Prince. Mr. N. D. Merrill sends six head of good strong young bulls, all sired by the Gentry bull, Victor Butterfly. Every reader of The Homestead who is interested in good Short-horn cattle should send for a copy of the catalog. Address F. P. Healy, Mgr., Bedford, Iowa, and kindly mention Iowa Homestead.

**LAST CALL FOR R. H. HADLEY'S SHORT-HORN SALE.**

As per previous announcements, Mr. R. H. Hadley and others will sell at New Providence, Iowa, at the home of Mr. Hadley, some forty-seven head of practical, useful, Short-horn cattle. These cattle are presented in plain farmer dress and are all tried and useful animals, except a few younger heifers and bulls, who have not reached the age limit of service until but recently. We present on another page the illustration of Mr. Hadley's herd bull, Golf-man 2d, also included in this sale. This splendid Scotch bull is sold for no fault, but for the sole reason that Mr. Hadley has a lot of his calves on hand and finds it needful to procure another bull. He was calved July 1, 1904, sired by Golf-man, one of the best breeding Scotch bulls in the state of Iowa. Golf-man 2d belongs to the celebrated Mayflower family; his pedigree shows conclusively that he is rich in the best Campbell, Booth and Cruickshank blood. His age is in his favor for anyone who needs a bull to put into immediate hard service. He is a bull of splendid conformation, is rich roan in color and has for his dam the splendid cow Melba 2d by Imp. Fearless Archer; she out of Imp. Melba by Beau Ideal. In addition to this bull are fourteen younger bulls, a number of them sons of Golfman 2d. Others are sired by such bulls as Red Trooper, Lad's Fame, Hampton's Fashion, Scottish Chief and Lord Hampton. While the percentage of Scotch females offered in this sale is not large, still several will be offered. Mr. Hadley offers a good one in Lot 1, a red two-year-old, called Orange Bell, a daughter of Hampton's Fashion and traces to Imp. Orange Blossom 15th by Viceroy. This splendid Scotch heifer was bred Dec. 26th, to the Scotch bull King Victor. Mr. Hadley consigns in Lot 2, a choice red three-year-old daughter of Duke of Oakland 2d; she belongs to the famous Cruickshank family of Brawith Buds; she was bred March 11th to Golf-man 2d. Lot 12 is a choice bred Bates heifer of the famous Bates Duchess tribe; she was sired by Waterloo Duke of Riverside 2d and he by the \$1,100 Waterloo Duke of Hazlehurst 14th; out of Waterloo Duchess 20th by Waterloo Duke 8th. This is one of the choicest bred Bates heifers to be sold this spring; she was bred Nov. 22d to Golf-man 2d. The remainder of the offering is of such families as Young Marys, Young Phyllis, Lady Elizabeth, Clarksville, etc. The major portion of this offering is cows with calves at foot, while there are some young heifers carrying their first calves. There are all told thirty-one females and fifteen bulls. It has been the aim of Mr. Hadley as manager of this sale to see to it that nothing but desirable cattle should be offered; hence he has excluded all culls and believes that every animal cataloged is a breeder, and furthermore guarantees the same. Free entertainment to parties from a distance will be furnished at Gifford, Iowa, and free transportation to and from the sale. The other contributors to the sale are F. F. Clappet, E. G. Shelton, G. W. Mitchell & Son, W. B. Armstrong, J. J. Wood & Son. Commencing at 10:30 o'clock, the forenoon of sale, there will be sold fourteen head of two-year-old draft horses, which are not cataloged with the cattle. Col. A. P. Mason, of Union, Iowa, will dispense the offering in his usual humorous manner. He will be assisted in the ring work by F. P. Menzie and D. M. Gogerty. All applications for catalogs of this important sale should be made to R. H. Hadley, New Providence, Ia. In writing for the same, kindly mention The Homestead.

**DOUBLE STANDARD Polled Durham Short-Horns**

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-15952. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

**SHAWER & DEUKER,**  
Kalona and Wellman, Iowa.

**LIVE STOCK AUCTIONEERS.****AMERICAN COLLEGE OF AUCTIONEERING**

**AND LIVE STOCK JUDGING, VOICE CULTURE AND ORATORY.**

**ALL BRANCHES TAUGHT.**

Special Instructors. Illustrated Catalog Free.

**Next Term Opens July 8, 1907.**

**HARRY W. GRAHAM, Pres.**

**LIVE STOCK AUCTIONEER, CHILLICOTHE, - MISSOURI**

**Col. Judd McGowan Clinton, Illinois.****Ten Years' Experience**

IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

**Jones' National School of Auctioneering and Oratory**

231 Ashland Blvd., Chicago, Ill.

GRADUATES now selling in almost every state in the Union. Experienced instructors in every department. Next term opens soon. Free catalog.

**CAREY M. JONES, PRESIDENT.**

**FRED REPERT, DECATUR, IND.**

**Live Stock Auctioneer.**

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430, residence, 312

**MISSOURI ...AUCTION SCHOOL...**

Graduates selling in 10 States. Illustrated Catalog Free. Next term opens Aug. 5th. All branches taught.

**W. B. Carpenter, Pres., - Trenton, Mo.**

**C. C. KEIL, LADORA, IA.,**

**LIVE STOCK AUCTIONEER.**

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

**F. H. JACKSON, Rutland, Ill.**

**LIVE STOCK AUCTIONEER.**

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

**J. P. SPEARMAN, PAPILLION, NEB.**

**LIVE STOCK AUCTIONEER.**

I am posted on pedigrees and want your sales of cattle, hogs or horses.

**C. E. LUTHER, GRAND JUNCTION, IOWA.**

**LIVE STOCK AUCTIONEER.**

Sales in six states. Terms reasonable.

**Geo. P. Bellows AUCTIONEER.**

Pedigreed Live Stock. MARYVILLE, - MO.

**R. W. BARCLAY**

**Livestock Auctioneer, Mason City, Iowa.**

**A. V. LOCK, REMINGTON, INDIANA**  
Live Stock Artist.  
Work satisfactory. Prices reasonable.

**GALLOWAY CATTLE.**

**WE HAVE**

**5 Young Galloway Bulls**

**EXTRA GOOD, RECORDED.**

Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks, cockerel or pullet mating, \$2.00 per 15.

**W. W. SCHOLES, - ONAWA, IOWA**

**Harvey & Son and Wray & Son's CLOSING-OUT SALE****SHORT-HORNS**

**At Maryville, Mo., Wednesday, May 29th**

**44 - HEAD - 44**  
**11 Bulls, 33 Females**  
**Scotch and Scotch Topped**

In this our closing out sale we are selling our entire herds. They are such a lot of cattle as we think should interest those wanting choice breeding stock. When founding our herds, individuality as well as breeding was given much attention. We are selling nine head of pure Scotch, Duchess of Glosters, Victorias, Sybils, Miss Ramsdens, a Marr Emma and an Imp. Beauty. The Scotch-topped sorts are good American-bred families. Some excellent young herd bull material aside from our Duchess of Gloster herd bull, Baron Gloster, will be found in the sale. The cows are a desirable lot of useful breeding matrons. Write for catalog. It tells all about the breeding lot. Address either of us, mentioning this paper.

**J. H. HARVEY & SON, MARYVILLE, MO.****B. F. WRAY & SON, HOPKINS, MO.**

**Cols. Bellows & Hosmer, Auctioneers.**

**.... TEEL'S ....****Short-horn Sale**

**AT THE FARM NEAR RUSHVILLE, ILL., FRIDAY, MAY 31, 1907.**

**50 Head--10 Bulls TWO LORD BANFF BULLS.**

**C**HERRY Grove Banff 3d and Cherry Grove Banff 5th are well bred and have been used with success in the herds. Specimens of the Orange Blossom, Michigan Casket and other reliable tribes. The cattle are in good thrifty condition and the profitable kind. H. G. Teel lists 10 head including one bull by Lord Banff, a smooth, thrifty lot all through. Catalogs on application to

**WALTER TEEL, RUSHVILLE, ILL.**

**WOODS, COTTINGHAM & RILEY, AUCTS.**

Please Mention This Paper When Writing.

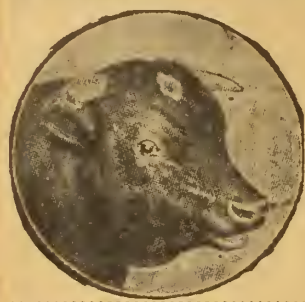


NEBRASKA'S  
GREATEST  
AUCTION OF

# SCOTCH AND SCOTCH TOPPED SHORT-HORNS

## Forty Head

To be held in Sale Pavilion at  
Humboldt, Neb., May 28, '07



Trains arrive from the west:  
7:40 a. m., 3:08 p. m., 4:08 p. m.  
Trains arrive from the east:  
12:55 p. m., 2:17 p. m., 10:08 p. m.

AUCTIONEERS:  
Cols. Geo. P. Bellows, M. W. Harding,  
C. H. Marion and C. B. Clark.

Consisting of the tops of my herd. 19 of these cattle are Scotch and the balance have from three to seven Scotch tops. This I consider one of the best offerings that will go through the sale ring this fall and I invite discriminating buyers to attend. Strong individuality and of the breeding that is most sought after among the good ones.

LOOK OVER THE PEDIGREE OF MY HERD HEADER

### SECRET CHAMPION 245142.

Bred; calved May 15, 1904, bred by Owens Bros., Homestead, Iowa.

DAMS.	SIBS.	BREEDERS.
Champion Duchess.....	Got by Baron Secret 169823.....	R. E. Owens
60th Duchess of Gloster.....	Champion 118343.....	J. S. McAuley
Imp. 33d Duchess of Gloster.....	Imp. Chief Baron 90991.....	A. Cruickshank
30th Duchess of Gloster.....	Chancellor 68693.....	A. Cruickshank
21st Duchess of Gloster.....	Barnington Prince 45247.....	A. Cruickshank
Duchess of Gloster 13th.....	Grand Duke of Gloster 19900.....	A. Cruickshank
Duchess of Gloster 12th.....	Champion of England 17526.....	A. Cruickshank

WRITE FOR CATALOG, ADDRESSING

Henry Kuper, Humboldt, Neb.

The young bulls included are an especially strong lot and are in just proper form to be put into service. I wish to call attention to such cows as Mysie Grace that will be sold with twin bull calves at foot, Scottish Daybreak, Prophetess, Red Butterfly, and many others which represent as good blood as will go through a sale ring this year.

JACKS.

## FOR SALE.

GOOD large, young, lively, heavy bone Kentucky Mammoth Jacks at reasonable prices. These Jacks have been carefully selected and are right in every respect. Located eight miles west of Cedar Rapids, Ia. on Chicago & Milwaukee, also Chicago & Northwestern railroads.

John Henry, Fairfax, Iowa, at the Fair Grounds.



LARGE YORKSHIRE HOGS.

### LARGE YORKSHIRES, the Bacon Hog. BREEDING STOCK FOR SALE AT ALL TIMES.

Patra and trio, not akin. My Foundation herd was selected in Canada of the best breeders by me personally. There is no breed of hogs in existence to-day that makes better mothers and can raise more pigs in a litter. Try this breed if you want to make money. Write for prices.

F. RABELER, LEIGH, NEBRASKA.



JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or helpers.

HUNTER & SMITH, BEATRICE, NEB.

ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Laver 42088 heads the herd. The following families are represented: Prides, Blackbirds, Erlens, Heather Blooms, Barbans, etc. Other bulls used on the herd are Wood Laver Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

### PLEASANT GROVE HERD OF ABERDEEN ANGUS CATTLE

175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aberlone 41201. B. on the following roads: C. R. I. & P.; C. N. W.; C. M. St. P.; I. C.; C. & G. W. Address: DUNNING, JOHNSON & ALLEN, GREEN, IOWA

### PARADISE STOCK FARM OFFERS

PRIDE'S ALBION 5th 53114, their double Pride herd bull, cash, or will exchange as we have so many of his get we can not use him longer. He breeds good, fine disposition, weighs 2,200. Also other bulls priced low for the quality. Berkshire sows fashionably bred. Booking orders for fall. Write for catalog to W. F. ECKLES, GREEN CITY, MO.

### High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird. Besides several younger ones. These are herd headers. Address: W. H. JONES, QUIMBY, IA.

ABERDEEN ANGUS bulls for sale, of the fashionable families, Queen Mother, Erica and Drumlin Lucy and a few others from 6 months to 2 years old. R. Wilkinson Sons, Mitchellville, Iowa.

POLAND CHINA HOGS.

25 BRED SOWS.

DUE to farrow in March and April. Sired by Mitchell Maker, High Looker and Justice. Safe in pig to Justice and On Up. They weigh from 200 to 300 pounds, have fine smooth coats and are from best strains of Poland China breed. M. G. Arnold, Strawberry Point, Iowa

FALL BOARS FOR SALE Ready for service, or better, farrowed September 1906, sired by Enough Perfection 100205 and Preamble 100203. All out of mature sows. These are the kind you are looking for. Write for prices. Shipped on approval. A. S. Fisher & Sons, Edgewood, Iowa.

### POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address: P. L. SLICK, LANARK, ILL. Twenty years a breeder.

## 10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rotheville Queens, etc. Address: John E. Griffith, WASHINGTON, IOWA. (Mention Homestead)

John E. Griffith, WASHINGTON, IOWA. (Mention Homestead)

### PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and 12 helpers, 12 with calves at foot. Bulls, calves and some of the helpers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners. J. Nissen, Meservey, Cerro Gordo Co., Iowa

POLAND CHINA HOGS.

### WILCOX HAS BRED SOWS FOR SALE.

M. R. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention 'The Homestead'.

### 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address: GEO. E. PATCH, Blandinsville, Illinois.

### POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## THE LORD BANFF SALE

WILLIAMSVILLE, ILL., TUESDAY, JUNE 4.

## 60 Scotch-Bred Short-horns 60



You will notice this sale is unique in character inasmuch as the great show and breeding bull, Imp. LORD BANFF, is connected in some way with almost every lot. This warrants me in calling this a strictly Lord Banff sale. You know what Lord Banff blood is worth to your herd and there will be sixty head in this sale. You certainly cannot afford to lose this opportunity to secure some of this breeding. I would suggest that you watch the advertisement of this sale from week to week, as it will contain much of interest to you.

Cattle here for Farmers who want to buy the best at reasonable prices to improve their stock; cattle not loaded down with fat.

Cattle suitable for Short-horn Breeders who want the best. Sale includes both Imported and home-bred Scotch Cattle.

## MILTON E. JONES

Address after May 10, for catalog or other information, HENRY DODGE, Secretary, Box 68, Williamsville, Ill.

WOODS, JONES, BELLOWES AND MERRIMAN, AUCTIONEERS.

POLAND CHINA HOGS.

## MEDDLER FALL BOARS AT BARGAIN PRICES

OUT of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. MUST BE SOLD to make room for show herd and spring pigs now on hand.

H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA

Mention 'The Homestead'.

## 45 POLAND CHINA BOARS 45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35977. It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address: WM. RAY & SON, DEFIANCE, IOWA.

STANDARD HERD of Poland Chinas. I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo L's Dude. I keep nothing but the best strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

HIGH-BONED PROLIFIC POLAND CHINAS I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me look your order for a good pig. H. L. McKeivie, Fairfield, Neb.



# Iowa's Greatest Auction Sale of HIGH-CLASS ABERDEEN ANGUS CATTLE

The World's Fair Grand Champion, Prince Ito 2d Offering  
**TO BE HELD AT ADAZA, IOWA, TUESDAY, MAY 28, 1907**  
The Property of C. J. Martin, Churdan, Iowa  
BLACKBIRD 26TH, THE FIRST WORLD'S FAIR GRAND CHAMPION COW, TO BE SOLD AT PUBLIC AUCTION, AND HER  
BULL CALF BY THE WORLD'S CHAMPION, PRINCE ITO 2D.

**55 Head of Bulls, Cows and Heifers**  
of the most fashionable families, Blackbird, Trojan Ericas, Prides, Queen Mothers, Heatherblooms, Drumin Lucy, Barbara, Coquette, Zara, Maggie and Heroine. Every animal in the sale will either be a son or daughter or have a calf at foot, or bred to Prince Ito 2d. Rarely, if ever before, was there such an opportunity to get the blood of the greatest show cattle the world has ever seen. You will find in every family more individual merit than ever seen in any sale before. Anyone looking for a crackerjack

bull, all in a class by himself, anyone looking for show cows, anyone looking for a two-year-old, yearling calf, here is where you can select for the show at your own price. If you want to see the greatest lot of cattle ever offered in one draft from one man's herd, come to this sale; if you don't find the goods, your expenses will be refunded. You will find what will please the old breeder, the young breeder, the new beginner, and the farmer. Let every lover of Aberdeen Angus cattle be present, if you should like the best object lesson in Aberdeen Angus cattle Iowa has ever exhibited. I cordially invite all who are interested in good cattle to attend the sale.

Send for a catalog. Kindly mention The Homestead.  
**M. A. Judy, Beecher, Ill., Sale Manager.**  
**C. J. MARTIN, CHURDAN, IA.**  
Auctioneers, Col. F. M. Woods, Col. Silas Igo and Col. F. F. Luther.

## CHESTER WHITE HOGS.

### MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall hogs by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.  
**ERNEST L. MEAR, NEPONSET, ILLINOIS.**

**Bluff Road Herd of Pure Bred Improved Chester White Swine.**  
I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.  
**D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.**

### MODELER 13235.

THE sensational record breaker of 1906, winning five firsts at five of the leading state fairs and breeder's champion at the great Iowa. For sale ten choice gilts, Sept. farrow, sired by W. F.'s Model 12101. Bred to this Peerless Modeler bred for Sept. farrow. Also ten choice fall hogs Sept. farrow litter mates to above gilts. Ask for my illustrated catalogue. W. F. Hemmerling, Dike, Grundy County, Iowa.

**O. I. C.** STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the set of Norway Chief and other hogs used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the set of Col. Cody, Crescent King, Kelsor FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB. and Perfection.

## James Fisher, Eastman, Wisconsin.

**BREEDER and shipper of the best strains of Chester White hogs.** We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and flesh. Write for Prices and Catalog.

### Improved Chester White Gilts

AT a bargain, bred for June farrow to Crescent Rex, son of sweepstakes hog at Nebraska state fair. Gilts are sired by Look Out 2d. Write at once.  
**S. J. PHILSON, HARLAN, IOWA.**

**I PAY EXPRESS** charges, and ship C. O. D. CHOICE CHESTER WHITE PIGS, either sex no skin  
**B. M. BOYER, Farmington, Van Buren Co., Iowa.**

**GOOD O. I. C. FALL BOARS** For sale of the long heavy bodied, prolific kind. Address, Allen Bros., Russell, Iowa.

## RED POLLED CATTLE.

### Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evert, Rt. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

### THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. Co., Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

### HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.  
**OTHO BOYD, Virginia, Neb.**

### Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrothberger, New Lenox, Ill., or Gardner, Ill.

SHADY Lane herd of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. T. & P. Railways.

**RED POLLED CATTLE FOR SALE.** Both R. sexes, at reasonable prices. Frank L. Pim, Lucas, Iowa.

**RED POLLED BULLS** for sale cheap. Also 30 coming 2 year old steers and horses. W. H. Hazlet, Leon, Iowa.

## CHESTER WHITE HOGS.

### 100 CHESTER WHITE March Pigs and More Coming

SURED by such noted boars as Pioneer, Neponset Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

**E. L. NAGLE & SON, Deep River, Iowa**

### Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

**GEO. H. LAWSE, R. R. No. 8, Harlan, Iowa**

### IMPROVED CHESTER WHITE SWINE.

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 15223, a grandson of Laverne King 12757, heads the herd. Address, John H. Krechbel, Donnellan, Iowa.

### CAMERON HERD O. I. C.'S.

HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L. 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock.

**W. H. Porter, Cameron, Mo.**

### CHESTER WHITES

100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Aug. and Sept. gilts; very growthy and to farrow in August. Prices reasonable. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## DUROC JERSEY HOGS.

6 Good Duroc Jersey Fall Boars for Sale. I HAVE 6 extra good fall boars that I will price right if taken at once. They are sired by such boars as Fancy Crimson Wonder and Crimson Wonder's Brother. Write me for prices and description. We will also send a limited number of sows to Lincoln Wonder by Ohio Chief at \$100 each. W. A. KIRKPATRICK, Lincoln, Neb. A. WILSON, BETHANY, NEB.

### EVERGREEN STOCK FARM DUROCS.

100 GOOD pigs on hand. Herd represents best blood known to the breed. I am booking orders for spring pigs. Prices reasonable. Representation guaranteed. Mention Homestead when writing. W. H. Cummings & Son, Tecumseh, Neb.

### CARL HANSEN, HERMAN, NEB.

FOUR fall boars for sale at \$20 each if taken soon; sired by prize winners or sons of prize winners.

CHOICE, YOUNG DUROC JERSEY HOGS OF BOTH SEXES at reasonable prices. Address W. J. S. Taylor, Hameston, Iowa.

DUROC JERSEYS Boars ready for service. Sows bred, pigs at weaning. L. R. Kunev, Adrian, Michigan.

## DUROC JERSEY HOGS.

# Village Stock Farm

### HAS FOR SALE NINE OCTOBER BOARS

SURED by grandson of Ohio Chief, two being out of a Kant Be Beat sow. These boars are good colors, heavy bone, lengthy, good backs, and are first-class pigs. Prices made to move them. WRITE IF YOU MEAN BUSINESS.

**COMER & GILLILAND, CARLINVILLE, ILL.**

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and littered all but one. We breed the winners. Stock of all ages for sale. Write or come  
**WATT & FOUST, CEDARVILLE and XENIA, OHIO**

### BUDDY K. IV HIGHEST PRICED DUROC BOAR ... EVER SOLD AT AUCTION ...

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

**McNEIL BROTHERS, BOWEN, ILL.**

### AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO. We are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

### TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address,  
**FAGAN, BROWNING & MCCABE, HERSMAN, ILL.**

### GOLDEN HERD DUROC JERSEYS.

HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good.  
**L. E. Thomas, Golden, Illinois. R. E. Hogsett, La Prairie, Illinois.**

### PENNYRILE HERD OF DUROCS.

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address,  
**AMOS W. HARRIS & SONS, WAVERLY, KY.**

### CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American 1ad for sale at \$35 to \$50 each. Write today and mention Homestead.  
**U. G. DAVIDSON, MANSON, IOWA.**

### DUROC FALL BOARS

THEY are good ones, got by Perfection Chief 23367, and Choice Goods 43367. A litter brother to W. L. A's Choice Goods. Write me if you want something good at a moderate price.  
**GEO. M. McMURRY, MARYVILLE, MO.**

### 25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.  
**F. M. Erschen, Odell, Ill.**

### Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K, Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

### Duroc Jersey Bred Sows For Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. Geo. L. Reed, Sumner, Nebraska.

### Havelock Herd Duroc Jerseys

Nothing now for sale. Best of blood represented.  
**E. K. YOUNG & SON, Havelock, Neb.**

L. H. ROBERTS & SON, PATON, IOWA. CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

### KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.  
**FRED KRASCHER & SON, MACON, ILL.**

### FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.  
**H. B. GRIFFITHS, Bowen, Ill.**

### Russell's Durocs.

SOMETHING over 200 pigs of this year's crop are now ready to ship. Correspondence invited and inspection desired.  
**E. Z. RUSSELL - BLAIR NEB.**

### 10 Head of Junior Jim Gilts

FOR SALE—Last of April and May farrow. Bred to farrow in May. Will weigh 250 lbs. or more. Bred to Long Alb and Redwood Chief.  
**AUSTIN RENSBAW, Blair, Neb.**

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Blount City, Iowa. S. J. Butte.



# PUBLIC SALE OF SHORT-HORNS AT SOUTH OMAHA, NEB.

MONDAY, MAY 27, 1907

## 27 HEAD OF SCOTCH CATTLE 27

Eleven of which are bulls, many of them suitable for herd headers. The balance of the 50 head to be sold are Scotch topped. These cattle are choice selections from the herds of

W. R. WILSON, Arispe, Iowa. E. C. HOLLAND, Milton, Iowa. F. P. HEALY, Bedford, Iowa.  
N. D. MERRILL, Creston, Iowa. J. A. McFARLANE, Fairfield, Neb.

Several of the cows have calves at foot, and are bred again to Scotch bulls. Write for catalog. Address

**FRANK P. HEALY, - - - BEDFORD, IOWA**

GEO. P. BELLOWS, Auctioneer.

Please mention Iowa Homestead when writing for catalog.

### DUROC JERSEY HOGS.

#### Crimson Wonder Again 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,

H. S. ALLEN, - - - RUSSELL, IA  
On main line C. B. & Q. R. R.

#### Red Oak Herd

OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, please, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. TROY & BROS., PROPS.,  
Rosehill, Mahaska Co., Iowa.

**SHORT-HORN CATTLE--DUROC JERSEY HOGS**  
80 CHOICE spring pigs sired by Fairview Wonder 41051, Fairview Col. 25803, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale.  
JAMES T. DOLLISON, SAC CITY, IOWA.

**GREENDALL HERD Duroc Jerseys.**  
THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited.  
F. H. HERRING, - - - Kaloun, Iowa  
Shipping point Iowa City.

**Duroc**  
Bred sows that carry the blood of Gold Dust Jim, Improver H., 2d Surprise, Red Chief I Am, Giendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

**PIONEER HERD Durocs.**  
WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 13415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

**PROUD ADVANCE Duroc Boars.**  
OUT of Orion dams for sale. The same combination that has produced most of this noted winners. Write us.  
MANLEY & CO. - - - LYONS, NEB.

**Smith Brown's Duroc Jerseys**  
THE home of the winners. \$25 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - - - Waterloo, Neb.

**C. M. Dewey, Shannon City, Ia.**  
FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Full boars by Proud Advance and Teddy R. Few sows bred to Ohio Chief 11 for summer farrow. Write or visit.

**FALL BOARS**  
BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher Again. Price reasonable.  
W. J. Prather, - - - Russell, Iowa

**10 Choice Fall Duroc Jersey Bulls For Sale**  
I HAVE ten choice fall boars for sale that I will price worth the money if taken at once. They are very growthy and are well bred. The best bunch I have ever raised. Write me at once for description and prices. S. J. THILLMAN, Ragan, Neb.

**HILLHURST HERD Duroc Jerseys.**  
FALL BOARS for sale sired by Red Knight Again 43325, and yearling sows sired by Crimson Wonder I Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped.  
AUGUST VOGEL, - - - PORTSMOUTH, IA.

**DUROC JERSEY fall boars for sale**—We have a few extra good fall boars that we will price reasonable to early buyers. They are sired by such boars as Jumbo's Perfection, 1st prize 2 years in succession at Nebraska State Fair. Others by Hambletonian, 1st prize yearling at Nebraska. Write us at once for prices. H. B. Louden & Son, Clay Center, Neb.

**Three Ohio Chief Boars**  
for sale. Two fall boars and one yearling. Write me at once.  
C. F. KIRK, Ponca, Nebraska.

### HEREFORD CATTLE.



BEAU BRUMMEL.

#### 8 Young Bulls for Sale

from 6 to 14 months old, sired by  
**BEAU BRUMMEL 4TH**  
Also a few cows and yearling heifers for sale. Popular prices for high-class stock. Address

G. W. WAY & SON,  
New Sharon, - - - Iowa  
Call at Way's Hardware Store for free conveyance to the farm.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

**John Secor, - Mechanicsville, Iowa**

**TWENTY-FIVE - - - TWENTY-FIVE**  
**Beau Donald Bulls** Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cudline, Archibald and Heslod cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once.  
A. SPOONER, - - - MONDAMIN, IA.

**KATER & SMITH, ST. ELMO 13th 72074, KEEP ON 23d 125151 AND**  
**Grant City, Mo. TROT ON 181064 HEAD HERD.**  
20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr.  
A finer string of range bulls cannot be found. Some herd bull material will be found among these.  
Come and see them as they are right every way.  
Visitors met at Grant City on C. B. & Q., or Sheridan on C. G. W.

### WILLOW GROVE HEREFORDS

COLUMBUS 25th 100912, the greatest living son of old Columbus, at head of herd. The blood of Anxiety 4th, The Grove 3d, Heslod and other great bulls predominates in my herd. Young stock for sale at all times. Write me and tell me what you want. Address, J. G. Von Seggern, R. D. No. 2, Wisner, Nebraska.

### RECORDED HEREFORDS.

TWENTY BULLS from one to three years old, ten heifers two years old. 25% discount for 30 days. Now get busy. Address,

W. W. WHEELER, Box H, - Harlan, Iowa

**HAVING SOLD MY FARM**  
I WILL sell 25 head of registered Hereford cows and heifers and two herd bulls. One of them is an imported bull. All good stock, and will be priced right to a quick buyer. Write me.

E. H. DANCER, Lamoni, Iowa

**40 Choice Hereford Bulls**  
**40 Choice Bred Heifers**  
RANGING in age from twelve months to two years. All sired by prize-winners.  
EOMONDS, SHADE & CO., - Kingsley, Iowa

### MAPLE LAWN HEREFORDS

FOR sale, (Imp.) Isam 145738, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals.

A. E. HAGER, - - - AVOCA, IOWA.

20 HEAD of reg. Hereford cows and heifers with calf at foot by Doncaster 102334, a son of Lamp-lighter, very cheap. Frank Festl, Nora Springs, Ia.

### DUROC JERSEY HOGS.

**BRED SOWS** and gilts all sold. Ninety-nine youngsters to date from 14 sows and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are Durocs. J. W. Briggs, Alden, Iowa.

**WOLF CREEK HERD OF Duroc Jerseys.**  
Plenty good, strong pigs at prices well worth the money. Breeding one celled. Write to T. L. Livingston, Hurdland, Neb.

### SHORT-HORN CATTLE. CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - - - Newton, Iowa

**BEAVER CREEK SHORT-HORNS.**  
SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,  
N. A. LIND, - - - Itolfe, Iowa

**MILKING SHORT-HORNS.**  
SEVERAL good yearling bulls ready for service. We milk all cows and hand raise calves. Only Bates, Old English and American breeding. Come and inspect our stock or write for description of animals. Blackmer & Nelson, - - - Albert Lea, Minn. Farms mile from town.

### 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.  
C. W. DAWES & SON, - - - Harlan, Iowa

### QUEEN MILLS HERD SHORT-HORNS.

HAMPTON'S COUNSELOR 264533. ONE of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address,  
G. H. WHITE, - - - EMERSON, IOWA

**BACH GROVE STOCK FARM.**  
F. M. ZINOR, WOOLSTOCK, IOWA  
— Breeder of Short-Horn Cattle.

Families represented: Princess Royal, Duchess of Gloster, Mysie, Roan Boss, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804.

**SHORT-HORN BULLS AND HEIFERS**  
FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. P. S. & S. Barr, Box H, R. 4, Davenport, Ia.

**SCOTCH SHORT-HORNS.** For sale, four good Scotch bulls, Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

### SHORT-HORN CATTLE.

#### Scotch and Scotch-Topped HEIFERS FOR SALE

AT very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Itann Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEENSBURG, - - - ILL.

#### SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

#### BULL BARCAINS

From The Jones County Herd of SHORT-HORNS.

10 CHOICE yearling bulls for sale at bargain prices. These bulls are by Sittytown Sort 173449. They must be sold to make room for our sale cattle to be sold at auction Oct. 2d. Our herd bulls Sittytown Sort and Wampum of Wayside 243046 are conceded to be among the best Scotch bulls in the state.

G. P. Tyrrell & Son, Oxford Junction, Iowa.

#### Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Music and Hopeful Knight. Bulls for sale at all times.

G. H. BURGE, - - - MT. VERNON, IOWA.

#### PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND Duroc JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hans, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

**Marshal Favorite For Sale**  
CURED by Imp. Fashion Favorite 149550, dam Imp. S. Jilted Maid. Will be two years old in December. Red in color and a good young bull. Also a few young bulls for sale. Address,  
J. D. McDERMOTT, - - - WIOTA, IA.

#### SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs. Alburnett, Iowa  
Jns. E. Stephenson, Otter Creek Stock Farm.

#### HERD BULLS.

**3 Scotch Herd Bulls 3**  
AT MAHAKA FARM.  
Two Reds, One Rona. Rare Bargains.  
H. D. PARSONS, - - - NEWTON or BAXTER, IOWA

#### BARGAINS IN SHORT-HORN BULLS.

SEVENTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. JESSE BINFORD & SONS, Albion, Iowa, or Linscomb, Iowa.

#### WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

#### FAIRVIEW SHORT-HORNS

I HAVE a few red finely bred Scotch Short-horn bulls, one to two years old, for sale. Address,  
M. D. YARD, Crawfordville, Iowa

Walnut Grove Short-horns & Poland Chinas CLEAR The Way 231432, winner 1st in 2-y.-old class (C) and 1st as Ja. Cham., Ia. State fair, '06 heads herd. Herd boars Defender 93447, by Corrector 63379, one of the greatest sires known to the breed, and fully Sunlight 83821, a very large-boned hog of equal merit. Young stock for sale. J. T. Juilge, Carroll, Iowa.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 13223 heads my herd. Five daughters of Imp. Red Knight. 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.



SHORT-HORN CATTLE.

ARDMORE SHORT-HORNS

VICTORIA'S PRIDE.

Red; calved September 9, 1905.  
Dams.

Sires.

Breeders.

Got by Imp. Scottish Pride 128543... Wm. Duthie  
Victor Baron 127266... C. B. Dustin & Sons  
Favorite 56041... Wm. Duthie  
Roan Gauntlet (35284)... A. Cruickshank  
Pride of the Isles (35072)... A. Cruickshank  
Champion of England (17526)... A. Cruickshank  
Baronet (15614)... A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

ARDMORE STOCK CO., - HOLSTEIN, IOWA

9 Cruickshank

Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.

We offer for sale until sold, nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

SHORT-HORN CATTLE SALE!

At Evergreen Stock Farm, Vinton, Ia., June 19.

ABOUT 50 head of imported and home bred Scotch and Scotch-topped young cows, heifers and bulls, including the splendid Cruickshank herd bull, Prince Royal. The females are mostly two and three-year-old heifers, sired by Prince Royal and bred to Scottish Fancy, he an exceptionally good young Scotch bull from an imported dam, and included in the sale. The 15 bulls include several Scotch herd headers. All are nice reds and good. Catalog June 1st. Write for it, mentioning The Homestead.

N. P. HALGREN, - VINTON, IOWA

A SPLENDID LOT OF SHORT-HORN BULLS

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshal. Can sell one or can fill out a load. Address.

A. B. CLARK, - WAYNE, NEB.

NOVINGER & SONS' SHORT - HORNS

WE are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirksville, - Missouri.

CATALOG Of Young Bulls For Sale Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, - Iowa

HUGHESDALE REAL DUAL SHORT-HORNS

HOME of Iowa 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

CRUICKSHANK Bulls and Heifers For Sale

WE have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two year-old heifers of best Scotch tribes, mostly reds and all bred.

I. BARR & SON,  
Davenport, - Iowa.

FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs

AND BARRED PLYMOUTH ROCK CHICKENS.

Good Individuals a Specialty.

Eggs from our excellent flock for sale at right prices. Hog sale in the fall.

Address C. E. MCCOLLOUGH, HUMESTON, IA.

SCOTCH BULLS FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Anokius and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

WILDWOOD SHORT-HORNS

ALL REDS AND DEHORND.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write.

W. W. VAUGHN, - Marion, Iowa

SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Marr's Missile tribe and was got by Bapton Chief and out of Imp. Missile, 167th dam of White Hull Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, - Unionville, Mo.

HORSES.



Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every horse breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular. I. O. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

LEFEBURE'S BELGIANS

BELGIAN STALLIONS and mares, imported and American bred, on hand and for sale at all seasons of the year. Henry Lefebure is now in Belgium making his selections for a choice importation to arrive about July 1st. Catalog free.

Henry Lefebure, Fairfax, Ia.

8 miles west of Cedar Rapids.



Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., Iron gray, one of the best horses in the west; four years old; measurements: girth, 7 ft., 11 inches; 17 1/2 hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. HORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address,

J. S. GOLDER, - SCRIBNER, NEB.

Draft Mares For Sale

THE IOWA STATE COLLEGE is offering for sale three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address:

DIVISION OF AGRICULTURE,  
Iowa State College - AMES, IOWA

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champlin Bros., Clinton, Iowa

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares. One to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansum & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LAYMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000 Home bred draft stallions, \$250 to \$800. Hurt Bros., Osceola, Iowa.

HORSES.

FRANKIAMS'

"Peaches and Cream"



"Black Boys"

Largest pair of Stallions in U. S.

Sweepstakes Winners.

A Whole Horse Show

All of Iams' "Superb bunch" of "show stallions" are offered for sale. Dad, it's a "100 to 1" they are the "best ever." Get into "Iams' band wagon." All railroads lead to Iams' Importing Barns at 2 cents a mile, and Iams'!

SUMMER PRICES

are pushing competitors "off the roof" hypnotizing buyers with "top notchers" at "LET-LIVE-PRICES." John, if you pay cash or hankable note you will buy a stallion of IAMS. IAMS' "SELLING CLOTHES" "FIT" "all the boys." He saves thousands of dollars to stallion buyers. He is not in the "STALLION TRUST." He places \$1,000 or \$1,500 Insurance.

\$1,000 — SAVED AT IAMS — \$1,000

Ikey! what a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth rate stallions at \$2,000 to \$5,000. Iams sells "top notchers" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes his competitors "HOLLER." He is knocking "HIGH PRICES" out of the Xmas tree. Iams saws wood, "BUTTS IN," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear the diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no buyers, salesmen or interpreters, has no two to ten men to divide profits with. Iams guarantees to sell you a BETTER stallion at \$1,000 to \$1,500 (a few higher), than are sold to Stock Companies at \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horse's freight and buyer's fare; gives 60 per cent breeding guarantee.

Write for eye-opener and greatest horse catalog on earth.  
References: St. Paul State Bank, Citizens National Bank

ST. PAUL, - NEBRASKA



PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of

Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Born at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 14 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pumped with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.



M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The Imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.



PERCHERON STALLION COLT FOR SALE

I HAVE a fine yearling stallion colt that I will price at a very reasonable figure. He is by the great prize-winning stallion Chaslo 27830; his dam was Marcella 19377, an 1,800-lb. mare. Write me for prices or come and see this great colt.

E. C. Gwinner, - Holdrege, Neb.

PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON - Blencoe, Iowa

I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans; preferred. Address: E. B. Thompson, Cumberland, Ia.

FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion; will weigh 1,800 lbs., a worker and sound, coming five years old.

Buy from the breeder, not the dealer.

BERT FRY, - PLAINFIELD, IOWA

TWO PERCHERON STALLIONS

BLACK U. S. 47895 (black) and Billy U. S. 47894, each three years old. Good ones with good plenty of bone and are broken to harness.

J. L. SLICK, - LANARK, ILL.

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Bilbo, Creston, Ia., successor to Bilbo & Wilson, also Bilbo & Van Patten.



# GRAND PUBLIC SALE OF Short-horn .... Cattle ....

**AT NEW PROVIDENCE, IA.,  
MAY 22, 1907**

On the above date at my farm adjoining the town of New Providence, I will offer for sale 47 head of strictly business Short-horns. There will be 31 females and 16 bulls, including four head of Scotch cattle, choicely bred. The bulls are a good, useful lot and include my herd bull, Golfman 2d 247994. This is a strictly first-class, tried Scotch bull, suitable to head some good herd.

Catalogs now ready for distribution by the proprietor.

**R. H. HADLEY, NEW PROVIDENCE, IA.**

**Al P. Mason, Auctioneer--Menzine & Gogarty,  
Ringworkers.**

Mention Homestead when writing for Catalog.

## "MAXWEALTON"

## SHORT-HORNS

— AT AUCTION —

**Mansfield, Ohio,  
Wednesday, May 22, 1907**

**50 HEAD OF RICHLY BRED  
SHORT-HORNS 50**

Practically the entire offering is of fashionable Scotch breeding, including six imported bulls and six imported females, personally selected from the leading herds of Scotland by Mr. P. G. Ross, a recognized judge, a student of pedigree and one who has superintended the importation of more cattle in recent years than anyone else.

Thirty-one cows and heifers, the get of the most noted prize winning bulls of America and Scotland.

Nineteen bulls that are fit to head good herds.

An unexcelled opportunity to add new blood from the best herds of Scotland at your own price.

Catalogs are sent only on application. Mention The Homestead when writing.

A special sleeper leaves Chicago at 8:00 P. M., on Pennsylvania R. R. for this sale, on Tuesday night, May 21.

**CARPENTER & ROSS**

**Mansfield, Ohio.**

**Cols. Geo. P. Bellows and Carey M. Jones, Auctioneers.**

**LAST CALL**

**DISPERSION SALE OF**

# Short-horn Cattle

— AT —

**ALBION, NOBLE CO., INDIANA,  
On Friday, May 24, '07**

**35** Head of Imported and Home-Bred  
Scotch and Scotch Topped Cattle **35**

**25 COWS AND HEIFERS**

Many of them with calves at foot or well along in calf, representing the Missie, Secret, Orange Blossom, Victoria, Lovely, and other fashionable Scotch families.

**10 BULLS**

Including the herd bulls, KING OF DIAMONDS, AN INTERNATIONAL WINNER, and CHOICE MASTER, by Choice Bud 212003, by Imp. Choice Goods, one of the best young bulls to be sold this year. There are a number of young bulls listed of the herd header sort.

Mr. T. E. Adams, Columbia City, Ind., lists one female and five yearling bulls.

Write for catalog, mentioning Homestead to

**J. W. PALMER & SON,**

**ALBION, INDIANA.**

**Cols. Fred Reppert and Ed Bowers, Auctioneers.**

Albion, Ind., is 135 miles east of Chicago, on the Baltimore & Ohio R. R.

**LAST CALL**

**LAST CALL**

**THE FORBES, PRATHER, AYERS AND HANNA  
Select Sale of Scotch**

# SHORT-HORNS

**At Union Stock Yards, Chicago, Ill.,  
Thursday, May 23, 1907**

**Nine Bulls and Thirty-  
Six Cows and Heifers  
Are Cataloged.**

The great bull list includes the first prize winning two-year-old Missie bull Diamond's Mariner 241073 and several of his get at foot with dams, also the grand young show bulls and prospective herd headers, Champion Robin, a Roan Lady by Imp. Royal Robin; Athenian Coronet, and Acanthus by Imp. Bapton Coronet; Delmas, a Secret by Imp. Bapton Sovereign; and other good ones.

The females include Queen of Scots 19th, a Duchess of Gloster by Imp. Royal Robin and one of the best females of the Forbes herd; Linwood Clara, a Clara by Imp. Cock Robin; and four other daughters of this prize winning imported bull, two of which are outstanding show heifers; Imp. Mari-gold 4th by Diamond Jubilee; Clara 62d whose full sister sold last year for \$930; Mademoiselle 14th, a Missie by Imp. Golden Crest; and Golden Venus 7th by Missie's Robin are among the good ones of the Ayers offering. Heifers of the Autumn Rose, Nonpareil and Orange Blossom families sired by Imp. Pride of Fancy, Imp. Bapton Sovereign and Imp. Victoria's Count and of grand quality, compose the Prather offering; and the Hanna herd is represented by Imp. Miranda; Imp. Cluny Flora 85th; and quite a number of choice females from imported sires and dams.

The makers of the sale are among the leading breeders of America. They are L. M. Forbes & Son, Henry, Ill.; D. R. Hanna, Ravenna, Ohio; J. F. Prather, Williamsville, Ill.; F. W. Ayers, Athens, Ill.

For Catalog address,

**W. C. MCGAVOCK,**  
SPRINGFIELD, ILL.

**Auctioneers, Col. F. M. Woods and Col. Geo. P. Bellows.**





THE OLD OR THE YOUNG SOW, WHICH?

Elsewhere in this issue will be found a contribution from one of our subscribers, Mr. Henry S. Roth, on the subject, "Something More About Pig Raising." Mr. Roth is decided in his opinion that the gilt is more profitable than the old sow, and on this phase of the subject we desire to make a few remarks.

The view that the gilt is more profitable than the old sow when it comes to the raising of a litter of pigs will not meet with the approval of many swine breeders, especially those who raise pure-breds. At a convention held in Sioux City, Iowa, during the past winter, Mr. Lovejoy, the noted Illinois Berkshire breeder, stated that he had sows on his farm more than ten years old. His advice to the members of that convention was to hold on to a sow that proves herself to be a good breeder. Another member of the convention went still further and stated that he had kept sows even after they were unable to raise their pigs, his plan being to have the young sows raise the old sow's pigs. He claimed that a sow is never too old as long as she can give birth to a strong litter of pigs.

While we do not deny that there are a number of arguments that might be advanced in favor of the gilt as a breeder over the old sow, at the same time we believe that those who raise pure-breds make a great mistake when they do not retain their tried sows and add to the breeding herd only a select few of the gilts each year. Necessarily, in large herds some of the old ones have to be dropped every year, thus necessitating the placing of young ones in their stead.

Methods of feeding have much to do with the crankiness of an old sow or her lack of crankiness. If she is not fed much corn during the winter and is turned away from sleeping quarters and straw stacks so that she is compelled to rustle every day, and fed well on flesh-forming foods, there is no reason why she will not raise as large a percentage of her pigs as a gilt. On the other hand, if she is allowed to loaf around all winter, is fed a good deal of corn and spends most of her time in a nice straw bed you may be disappointed if you expect to raise many pigs from such a sow. There is this to say of the litter of the old sow providing her udder has not previously been spoiled: She will raise a more uniform litter than a gilt; she will make them heavier by the time they are weaned; she will make more use of pasture and therefore require less feed; and we think that her pigs will be just a little stronger constitutionally than the pigs of the gilt. Those who have never made a study of the relative merit of pigs from a gilt and those from an old sow would find it interesting to conduct this little experiment: In August or September, after the pigs are all weaned from gilts and old sows alike, just when the first

shipping orders are beginning to come in, go out among the bunch and pick out one or two or even half a dozen of the best pigs in the whole lot. It is our experience that about 90 per cent of the pigs that you select will be from old sows, in case your herd is about equally divided; that is about half gilts and half old sows. This indicates that the pigs of an old sow are not only given a little better start in life, but they may maintain the pace and generally keep ahead.

We do not mean to infer that it is not profitable to breed from a good, growthy gilt, but when it comes to the matter of comparisons we will take our stand behind the old sow.

If these views run counter to the opinions held by any of our subscribers we shall be pleased indeed to give space to those who desire to sustain the reputation of the young sow.

THE DUST MULCH OF 1907.

It is not a difficult matter to "miss fire" on a subject of this kind. The petulant weather god is at any time apt to change his tactics, and from one extreme to which farmers have become accustomed change to the very opposite.

The precipitation thus far this spring has been below normal throughout a very large part of the great central and southwest. Possibly the season is too early to call it a "drouth," nevertheless meadows and pastures have already been affected, while small grain has been considerably retarded for lack of moisture and because of the soil being unusually cold.

There are those who are already predicting a short crop, though The Homestead cannot see its way clear to sympathize with that view. There is plenty of time yet to raise not only an average crop, but even a bumper crop, though field tactics must be adapted to the needs of the situation.

In the case of cultivated crops it is not

too early to adopt dry-weather methods in the system of cultivation employed. This means frequent and shallow cultivation. It is surprising what use can be made of a half-inch of rainfall providing the soil is stirred in the surface shortly after its precipitation. In dry farming districts this amount of rainfall is regarded as a great boon to crops, though of course men in those localities have learned sensible methods of conserving the moisture supply.

Although much of the corn is already planted and some of it, indeed, is far enough along to be cultivated, yet in the northern half of the corn belt there is still some planting to do and much of the crop has not yet made its appearance above ground. In these areas the harrow should be a constant visitor to the corn fields. We advise this for more than one reason, but principally because of the fact that harrowing the surface breaks up the smooth crust left by the planter wheels and therefore prevents the escape of moisture from that part of the field where it is most desired. Where the corn is already up the best that one can do is to rush the cultivators and run them rather more shallow than if the soil were wet. This can be done for the reason that weeds have not yet taken a strong hold, and a two and a half or three-inch mulch will conserve more moisture than will a deeper one.

So long as we cannot look into the future and determine just what the precipitation will be, it behooves corn growers to have faith in the possibilities of corn belt soil even with the moisture supply that is at present locked up in the surface four feet. Capillary action will be steadily at work all summer, though the greatest benefit can be derived by such natural force only by cutting the capillaries on the surface and thereby stopping surface evaporation. To become discouraged because you believe

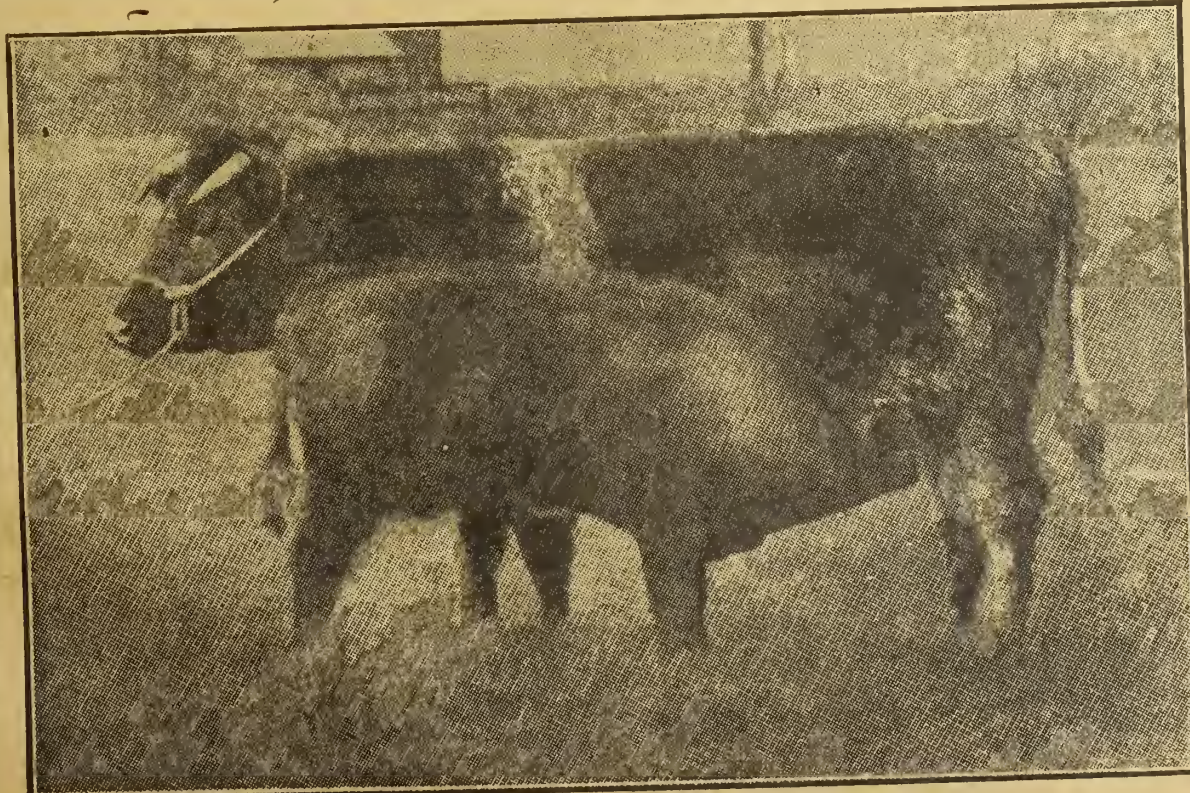
that the moisture supply will not bring forth a crop is to meet disaster half way.

We can only hope in the giving of this advice that the so-called dust mulch will not be a crying need during the next three months, and yet in case the precipitation should continue as light during the next two months as it has been during the last two, men should not hesitate to make the most strenuous kind of effort to employ this, the only way of conserving moisture on an inter-tillage crop.

THE FARMER AND HIS BANKER.

Nobody has a better right to rejoice over the present excellent financial situation than the western farmer and stock-raiser. It is admitted on all hands that the West is at last financially independent of the East and is now one of the creditor sections of the country, not a debtor section as formerly. During the financial flurry on Wall street a few weeks ago, it is estimated by a Chicago banker that one hundred millions of dollars of western money was placed at the disposal of the panicky financiers of the eastern money centers and was one of the prime influences in saving the country from a severe crisis. The federal government's special payments and deposits to relieve the stringency were also in existence largely owing to the great and growing wealth of the West.

The wealth of the West is no accident and no mystery. It is mainly the accumulated result of the intelligent labor of the western farmer and stock-raiser applied to the utilization of our vast and practically inexhaustible natural resources. This wealth is distributed among thousands upon thousands of carefully managed local banks, and through them is made available as capital for both local and national manufacturing, commercial and other industrial enterprises. The farmer, as a depositor or stockholder in his local bank, thus becomes the creditor of the country's great business enterprises, and draws financial support from them, as well as remaining their strongest support as a consumer of their output. He thus helps himself in both ways. The relations of the western farmer and his banker are extremely intimate and friendly, as well as mutually beneficial. They are neighbors and friends, and meet as social and intellectual equals. They know each other thoroughly, and that acquaintance is the basis of a mutual respect and confidence which enables each to benefit the other. Never in the history of the West have the farmer and his banker been so close together as in the past few years. National, state, savings and private banks are now well distributed throughout the country, the laws having been modified by experience so as to encourage their establishment in much smaller



Good Lassie and calf. This cow is sired by Imp. Choice Goods, 186802, and is included in M. E. Jones' sale of Short-horns at Williamsville, Ill., June 4, 1907. [See advertisement on back page of this paper.]



places than formerly, greatly to the advantage of the people. The farmer now makes many, if not most, of his payments by check, a most convenient and business-like method; and he is in many cases a stockholder or heavy depositor, or both, in the banks of his vicinity. An intimate acquaintance with the banking business at first hand has dispelled prejudice and vastly improved the relations of farmer and banker. It is no longer doubted among farmers that banking is not only a legitimate business, performing an important social and economic function, but that it is the very foundation of a general prosperity of all classes. This satisfactory condition of things accounts, in large measure, for the increased wealth and now thoroughly established financial independence of the middle West.

#### IOWA SWINE BREEDERS' ASSOCIATION.

The summer meeting of the Iowa Swine Breeders' Association will be held at Des Moines, on Tuesday, June 11. The headquarters of the association for this meeting will be at the Savary Hotel, in the parlors of which the sessions will also be held. While the program is not as yet fully completed, enough has been arranged for to insure a highly interesting meeting. The complete program will be announced later. The secretary has completed arrangements with the railroads by which a reduced rate of one fare and one-third, plus twenty-five cents, is assured for the round trip, from all points in Iowa, where the fare to Des Moines is over fifty cents for one way.

The annual meeting of the National Association of Expert Swine Judges will follow on Wednesday, June 12th. In addition to the usual scoring exercises and examination of candidates for certificates as expert judges, a most interesting lecture on the benefits of the score card has been provided for, and a practical carcass demonstration illustrating its application. This is a feature that has never before been presented, and it is of such value that both farmers and swine breeders must find it highly instructive.

#### Glenfoyle Short-horn Sale a Success.

One of the best Short-horn sales in many years was that of Mr. A. Chrystal, of Marshall, Mich., proprietor of The Glenfoyle Herd. The exceedingly large number, seventy-four lots, provided many bargains for those present. The cattle were sent forward in good breeding condition and were widely distributed throughout the middle West. Thirty head were bought by residents of Michigan. Dr. Van Ness, of Windom, Minn., topped the sale, paying \$700 for Lady Nonpareil 2d, a daughter of Imp. Lovat Champion, Col. F. O. Lowden, of Oregon, Ill., was a persistent bidder on the best lots and secured several head of richly-bred Scotch cows at reasonable prices, among the number being Marios' Heiress 3d, a full sister to Marios' Heiress 2d which he secured from Mr. Chrystal last year at \$1,200. This young cow had a splendid bull calf at foot by Imp. Lovat Champion. Mr. George Allen, of Lexington, Neb., secured the good Scotch heifer, Imp. Golden Chain, a daughter of Silver Plate at \$675. Messrs. J. G. Withers & Son, of Independence, Iowa, were liberal buyers, securing fifteen head. Mr. W. A. Hart, of Caro, Mich., was a persistent bidder and secured many of the bargains of the sale. The bull offering was topped by Mr. N. A. Lind, of Rolfe, Iowa, who secured Village Sultan, one of the best sons of the champion Whitehall Sultan, at \$1,125. Mr. Lind is to be congratulated on this purchase, and much good should result from this valuable addition to his noted herd. Messrs. Lester Bros., of Pontiac, Mich., were the opposing bidders. Imp. Pennan Commander, one of Mr. Chrystal's herd bulls and the sire of some of the best calves during the past year at Glenfoyle, went to Mr. F. B. Niles, of Toledo, Ohio. Messrs. D. & C. Minzier, of Caledonia, New York, secured a hargain in the young Scotch bull, Harvester, at \$250. They also purchased a number of females at moderate prices. Col. Woods did the selling

and was ably assisted by Cols. Belkows, Jones and Cottingham, in the ring. No sensational prices were paid, yet very few sales are recorded where but ten head sell under the \$100 mark. A list of animals selling for \$100 or over is given below:

#### FEMALES.

Cherry Blossom 4th, 7-years, Sittytton Prince, F. O. Loudon, Oregon, Ill.	\$ 525
Mario's Heiress 3d, 5-years, Scottish Victor, and b. c., Same	665
Flower Girl 11th, 8-years, Knuckle Duster, and c. c., D. R. Hanna, Ravenna, Ohio	550
Golden Chain, 7-years, Silver Plate, George Allen, Lexington, Neb.	675
Matchless of Mapleton, 8-years, Masterpiece, and b. c., J. G. Withers & Son, Independence, Iowa	280
Cassandra, 7-years, Prince of Rettie, and c. c., M. E. Jones, Williamsville, Ill.	325
Village Girl, 4-years, Commodore Dewey, Herr Bros. & Reynolds, Lodi, Wis.	300
Gypsy Queen, 8-years, Monarch, J. G. Withers & Son	200
Maisie 4th, 4-years, Commodore Dewey, Evans Bros., Maryville, Mo.	300
Diamond 21st, 2-years, Alexander, J. G. Withers & Son	265
Diamond of Lakeside 4th, 4-years, Commodore Dewey, Evans Bros.	345
Maisie 5th, 2-years, Alexander, Dr. Van Ness, Windom, Minn.	290
Mina Grey 2d, 2-years, Lovat Champion, Pacey Smith, Ann Arbor, Mich.	325
Mina Grey, 9-years, Roan Sittytton 2d, and c. c., J. G. Withers & Son	400
Lady Nonpareil 2d, 4-years, Lovat Champion, Dr. Van Ness	700
Gallardia, 5-years, Hero's Knight, and c. c., Herr Bros. & Reynolds	330
Westlawn Secret, 4-years, Gloster's Lavender, and b. c., J. G. Withers & Son	305
Glenfoyle Flower Girl 2d, 2-years, Lovat Champion, F. O. Loudon, Oregon, Ill.	330
Emma's Lady, 5-years, Wanderer's Last, N. A. Lind, Rolfe, Iowa	400
Maisie 7th, 1-year, Alexander, F. O. Loudon	255
Princess Orono, 5-years, Ury Prince, W. A. Hart, Caro, Mich.	115
Orono Lily, 8-years, Millbrook Minister, and c. c., Same	195
Clover Queen, 2-years, Forest King, Carpenter & Ross, Mansfield, Ohio	200
Norma Lovat, 3-years, Lovat Champion, and c. c., D. R. Hanna, Ravenna, Ohio	400
Bracelet's Gem, 5-years, Golden Hero, and c. c., W. A. Hart	205
Golden Lassie, 4-years, Royal Victor, and c. c., W. A. Hart	285
Gem's Rose, 1-year, Fearless Sultan, D. & C. Minzier, Caledonia, Mich.	130
Maisie 6th, 1-year, Alexander, J. G. Withers	215
Bonny Brilar, 9-years, Royal Sailor, H. W. Mumford, Ann Arbor, Mich.	200
Diamond 20th, 9-years, Ranton' Robin, and b. c., W. A. Hart	170
Canadian Beauty, 5-years, Royal Hero, and b. c., Herr Bros. & Reynolds	205
Mina F., 4-years, Commodore Dewey, A. S. Wilson & Son, Macy, Ind.	200
Bonny Lass, 4-years, Commodore Dewey, T. B. Hart, Edinburg, Ill.	275
Lady Nonpareil, 5-years, Trout Creek Wanderer, J. G. Withers & Son	200
Princess Lovat, 1-year, Lovat Champion, A. H. Foster, Allegan, Mich.	105
Rose Gem 9th, 3-years, Earl of Brown-dale 2d, D. & C. Minzier	160
Emma's Lady 2d, 2-years, Beaufort Victor, N. A. Lind, Rolfe, Iowa	185
Nellie Bly of Glenfoyle, 5-years, Ury Prince, W. A. Hart	235
Mara 23d, 8-years, Indian Statesman, and b. c., H. E. Rowe, Plymouth, Mich.	175
Millbrook Beauty, 7-years, Sailor Champion, and c. c., A. H. Foster	255
Lovats Beauty, 3-years, Lovat Champion, Frank B. Niles, Toledo, Ohio	300
Roan Beauty 2d, 9-years, Indian Statesman, and c. c., Carpenter & Ross	275
Red Rose of Millbrook, 11-years, Prime Minister, Garrett Casey, Marshall, Mich.	100
Glenfoyle Cherry, 11-years, Lovat Champion, D. & C. Minzier	150
Orono Cherry, 8-years, Millbrook Minister, E. S. Lewis, Marshall, Mich.	125
Agnes Lovat, 4-years, Lovat Champion, Geo. Hibbard, Cohoctah, Mich.	150
Isabella Beaufort, 3-years, Beaufort Victor, F. B. Niles	195
Lady Lovat, 2-years, Lovat Champion, Garrett Casey	125
Lady Ophelia, 9-years, Baron Duke, Same	100
Red Queen 2d, 2-years, Bapton Coronet, W. A. Hart	150
May Beauty, 1-year, Beaufort Victor, Arthur Boehle, Monice, Ill.	100
May Booth, 10-years, Diamond Prince, and b. c., A. R. Edwards, Leslie, Mich.	105
Miss Booth, 6-years, Senator Royal, and b. c., George Hibbard	125
Scottish Rose, 5-years, Scottish Lad, same	120
Carrie 3d, 2-years, Royal Wonder, J. G. Withers & Son	125
Lady Graceful, 2-years, Graceful Lad,	



These  
Spoil Your Crops.

## Swift's Arsenate of Lead

Destroys all Leaf-Eating Insects

It is estimated that insects destroy  $\frac{1}{4}$  to  $\frac{1}{2}$  the entire yield of farm and orchard produce. Swift's Arsenate of Lead is the best insecticide for the use of the farmer and orchardist, because it destroys all leaf-eating insects, sticks to the foliage in spite of rain and wind, and because it cannot burn or scorch the foliage no matter how strong a solution is used. Swift's Arsenate of Lead is used and recommended by leading fruit growers, truck farmers, horticulturists and shade tree owners.

Write for booklet giving valuable information for combating the Codling Moth, Potato Bug and other insect pests.

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OF non-corrosive babbit resting on a rubber seat forms the valve guaranteed for 5 years in this Hawkeye Automatic Hog Waterer. Leakage is therefore impossible as the union is close, without sticking. Substantially constructed and large enough for four hogs to drink together. Recommended by agricultural colleges and practical breeders. Thousands in use. Satisfaction guaranteed or money refunded.

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NEW GOLDEN WEST and all the best varieties of choice, selected, thoroughly tested seed corn, which have yielded 75 to 216 bushels per acre. Costs Only 25 cents Per Acre for Seed. Large, descriptive catalog of Seed Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper.

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E. J. Ingwersen, Lyons, Iowa.

HE makes Farm Gates, Water Tanks, Feed Troughs Hay and Hog Racks for Wagons, Screen Door, and Windows, Kitchen Sinks, Post Tamper, Hammock Racks, Fancy Plate Racks, Lawn Swings and Clothes Racks. He will sell direct to the farmer at surprisingly low prices. Write for his price list and see how much money you can save. Mention this paper.

SEED CORN Funk Large Yellow Dent and Reid's Yellow Dent seed corn for sale by H. P. Wilkinson, Mitchellville, Iowa.

same	125
Myrtle Beaufort, 1-year, Beaufort Victor, same	125
Phyllis Beaufort, 1-year, Beaufort Victor, same	125
Thornetta 2d, 1-year, Graceful Lad, same	125
Duchess of Oakland 25th, 2-years, Prince Victor, D. & C. Minzier	110
MALES.	
Village Sultan, 2-years, Whitehall Sultan, N. A. Lind	1125
Pennan Commander, 5-years, Cornelius, F. B. Niles	370
Ury Champion, 1-year, Lovat Champion, A. R. Edwards	140
Harvester, 1-year, Alexander, D. & C. Minzier	250
Clan Champion, 1-year, Lovat Champion, Garrett Casey	100
Orono Champion, 1-year, Lovat Champion, T. M. Southerworth, Allan, Mich	200
Grant Champion, 1-year, Lovat Champion, L. P. Corelle, Whitehall, Mich.	205
Nonpareil Wanderer, 1-year, Lovat Champion, Chas. Bowditch, Hillsdale, Mich.	100
SUMMARY.	
63 females sold for \$14,925, average.	\$236.58
11 bulls sold for \$2,755, average.	\$254.54
74 head sold for \$17,680, average.	\$240.50

## The Flour City

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#### TRACTION, PORTABLE, STATIONARY



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Alfalfa (Choice)	15c per lb.
Blue Grass (Fancy Ky.)	\$2.25 per bu.
Seed Flax	1.35 per bu.
Choice German Millet	1.00 per bu.
Seed Buckwheat	1.00 per bu.
Field Peas (All Kinds)	1.55 per bu.
Amber Cane (Early)	1.00 per bu.
Kaffir Corn	1.00 per bu.

Best grades of everything. Prices right. Get our catalog.

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## MONEY WITH BEES

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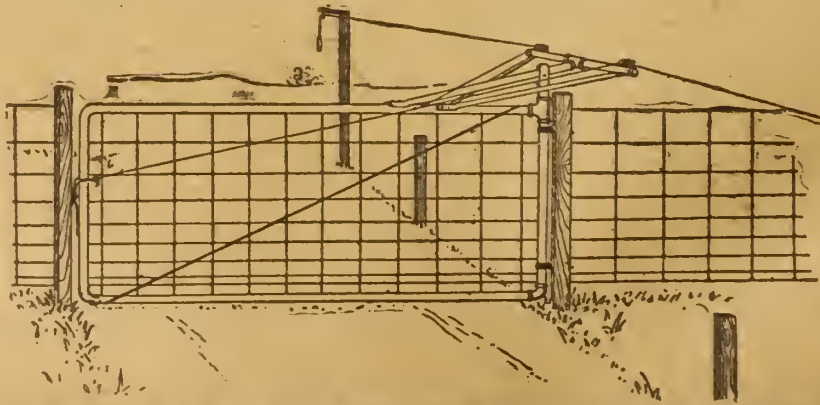
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The above is a correct likeness of the new automatic swinging gate, manufactured by Rice Bros., of Harvard, Neb. It is an entire steel gate, can be hung on any gate post and can easily be operated from wagon or carriage. Write them for new, illustrated catalog and mention this paper.



# Farm Furrows

Turned by a Practical Farmer.

Good roads are pretty well ridden both in and out of print.

When a man says that he feels as young as a boy he generally begins to feel old.

They say that there will be a lot of "dry farming" done in Kansas this year, if the liquor laws are enforced.

A few heads of cabbage left to their own vile inclinations in the cellar these days will make limburger seem fragrant.

The poorly built fence shows that the owner believes in the old saying, "Eat, drink and be merry, for tomorrow you die."

Very little wisdom indeed is shown by the breeder who attempts to run down other breeds in order to promote his own.

A piece of cheesecloth with a rubber cord drawn around the edge makes a good cover for the can of milk that is set to cool.

The young man who can see where his neighbors beat him at farming has one point that will help make him a good farmer.

Supply and demand exert a wonderful influence undoubtedly under natural conditions. The trouble is that too often conditions are artificial.

It is a too common experience that when a boy wants to go fishing for sure he asks permission of his father and tells his mother he is going.

The new disk harrow that never clogs is a poor tool in one way. It causes the farmer to go into the fields sometimes when he should stay out.

I am acquainted with very few folks who are smart enough to raise a thousand chickens a year, though I know lots who have the ambition to do it.

An Ohio sheep herder recently had eighteen of his flock killed on account of rabies, they having been bitten by a mad dog several weeks before.

To some feminine minds a harness is an exasperating confusion of straps and buckles. I once knew of a woman hitching and driving a horse in the halter.

When you smack your lips over those delicious spinach, horse-radish or dandelion greens imagine how silage or grass would taste to the stock in the dry lot.

The Black Hills spruce makes a fine evergreen for windbreak. It bears transplanting well and is a longer lived tree than the Scotch pine or the Jack pine.

A few hours spent brushing down the year's accumulation of cobwebs and dust from the stable ceilings will make you wonder why it had not been done before.

The staff of life will soon be more expensive, according to the government crop report for May, if the present

crop expectations are realized. In our own country there will be 100,000,000 bushels of grain room to rest for a year, while a similar condition seems to prevail in wheat-raising lands over the sea.

I don't like the thought of our best young men leaving the central West for newer countries where there is cheaper land, but if I were in their shoes I would do the same trick.

Appointments may be made by 'phone with business men in town before starting from home. Thus the time spent in attending to business matters can be reduced about one-half.

Bicycle manufacturers claim that the once universally popular "bike" is again to be installed in popular favor. The new models will certainly need to be pretty sure fool killers in order to compete with any degree of success with the automobile.

Spring lambs that go to market in the fall at a hundred weight are usually able to associate their early existence with a lamb creep in which was a nice trough of meal and a rack of crisp clover or alfalfa.

The young fellow who leaves his buggy top down and crumpled, and throws his hat in a corner of his room and hangs his best suit on the closet floor has a pretty good start for traveling the back alley road of life.

To my observation the study of civil law in rural schools is taught backwards. Why not instruct the young mind concerning the government of local affairs, then with that foundation lead up to state and national government.

Agents are busy selling outfits for pressing stacks of green corn fodder so as to exclude the air and make ensilage in this way. The experience of those who have tried the experiment would make interesting reading.

I'm a friend of the hired man, and borrowing some of Bailey's philosophy would say: In preparing prunes and dried apples as well as late pie-plant for the hired men don't forget to place the "sass" in the cow yard over night to cool.

Reading farm journals will not make a good farmer any more than will reading medical journals make a good doctor, but each needs to read his own particular journals in order to keep up with the times and gain additional knowledge about his work.

Court proceedings in a small Iowa town revealed the fact that in one year there had been sold in violation of law enough liquor to make 374 drinks per voter. Some of the gentlemen of that town are said to be completely out of excuses.

The stock lot is no place to dump refuse, tin cans and scrap iron. Absurd as it may seem, I have seen the mud-holes treated in this way. Just recently I observed a horse being thrown by a half buried loop of iron. Result, a sprained shoulder.

Spring weather is so deceiving. One judges the temperature of the day by the brightness of the morning sun and goes to the field too lightly clad. The noon hour is the only comfortable one of the day. Weather has been unusually changeable this season.

Lack of parsnips and other long keeping garden vegetables this spring should remind you that you failed to tend the garden properly last season. An abundance of these, should make you appreciative of their goodness sufficiently to plant a nice bed again.

My observation is that buggy cushions wear out in a very short time, and while it may seem strange, the wear is more noticeable on the family buggy cushions than on that of the young fellows. The point is that the boys keep the cushions protected with spreads.

There are some details in the work of the farmer that must not be neglected. They belong to the "rush orders" class, by which I mean they should be given special attention. This furrow was prompted to me the other day as I was passing by a neighbor's plum orchard, where among the blossoms could be seen still hanging the dried-out fruit that had died from black rot infection, blight and

# FLINT-COAT ROOFING

QUALITY Remains After PRICE Has Been Forgotten.

Our roofing costs less than shingles; lasts longer. Does not rust like iron.

Every Roll Guaranteed Perfect  
Water, Wind, Hail and Fire Proof  
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These prices are delivered at your railway station for one square of 100 square feet, all ready to lay. Nails and cement with each roll. Can be laid by anyone.

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Made with best hardened soft center shovels, steel wheels with boxes, steel hitch. Best lifting spring ever invented. All at

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Write for big free catalogue.

HAPGOOD PLOW CO., Box 36 ALTON, ILL.  
The only plow factory selling all implements, buggies, etc., direct to the farmer.

curculio. No crop of nice fruit will ever come from such trees if left unattended.

Isn't an old gobbler about the most aggravating thing on a farm? If you start up a long-distance conversation with your hired man, the gobbler is sure to chip in and punctuate your remarks with his gobble, gobble, gobble. I believe it was that which taught me to swear. Being a family man my swearing is, of course, done in silence.

Lack of substance or bone is not only a condition undesirable, but an indication that signifies that the frame of the animal is also lacking the proper amount of material of the right kind to make the sturdy, rugged animal. When the porcine pastern is weak, the back is liable to be similarly afflicted.

The finest-looking, ablest-appearing man I ever hired in my life was the most useless man I ever had on the farm and strange enough the dullest, dumbest-looking fellow was the best workman I ever saw. This simply goes to prove what most of us know, namely, that you can't tell by the look of a frog how far he can jump.

With due respect to every worthy entomologist, I feel that much improvement could be made on the names of insects. "Musca domestica" for the common house-fly might convey the idea of some important domestic relation to many, where something like obnoxious pesticator domesticus would at once signify the rank.

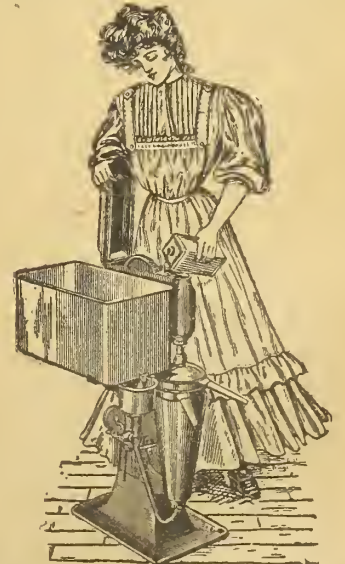
WHY NOT SWAP SKIMMING FORCES and have an easier time and more dollars for the work you do? You can come near to doubling your dairy profits—perhaps even more than double them—simply by swapping the force of gravity for centrifugal force in the skimming of your milk. Suppose we get right down to rock bottom regarding this skimming business. Cream and skim-milk don't separate just to accommodate anybody, but because some force compels them to. There are just two forces known to man that can be used for the profitable skimming of milk. One is the force of gravity—the old-time crock, pan or can setting system in use ever since man learned how to milk. But how about this other and newer skimming force—this centrifugal force? How does it work? How strong is it? What does it accomplish that gravity fails to do? Centrifugal force is the power that makes whirling bodies pull away from the center about which they are whirled. When a vessel containing milk is rapidly spun around, top like, centrifugal force is generated and pulls outward on the particles of skim-milk and cream. But centrifugal force, like the force of gravity, pulls harder on the skim-milk particles than on the cream particles so that the skim-milk is drawn outward against the sides of the vessel and the cream is squeezed inward toward the center. Add to this spinning receptacle proper driving mechanism and proper tubes for drawing off the skimmed milk and cream into separate vessels, and you have a centrifugal cream separator—a machine that separates cream and skim-milk by the use of centrifugal force. So what will you gain in dairy profits by using centrifugal force, as applied in the centrifugal separator, instead of some gravity system in the form of pans, crocks or cans? (1) A skimming force which may be made ten thousand times as strong as gravity, the amount of force depending upon the make of cream separator you select. (2) A gain of one-third to one-half—sometimes even more—in the quantity of butter you get from the same amount of milk under the same conditions, the amount of increase depending upon the kind of separator you select. (3) A gain in butter quality that will

usually run from five to ten cents per pound, according to local conditions, the increase in quality depending partly upon the simplicity of the separator you select. (4) You will have fresh, sweet skimmed milk, still warm with the heat of the cow, which will be much better for your young stock than the stale, sour or diluted skimmed milk



A light-running, strictly modern Centrifugal Cream Separator that can be turned by one who is seated.

from pans, crocks, cans or creamery. (5) You will have a single can of cream to set away or haul to the creamery instead of several crocks, pans or cans of whole milk to care for, and your trips to the creamery will be decreased by at least one-half. (6) You will require less storage room, less ice and practically no pans, crocks or cans, thereby greatly reducing the cost and labor of handling milk and cleaning milk utensils. The illustrations used in this article have been loaned to us through the courtesy of The Sharples Separator Co., of West Chester,



A strictly modern Centrifugal Cream Separator with enclosed, self-oiling gears and ball bearing.

Pa., Chicago, Ill., and Toronto, Can., manufacturers of the Sharples Tubular Cream Separator. Should any of our readers desire more knowledge on this subject, we suggest that they write for a copy of a very useful book called "Business Dairying," which the Sharples Separator Co. offer to mail, free, upon request. This book will benefit you and explain much more fully the actual cash advantage to be gained through exchanging your gravity system of skimming for a centrifugal cream separator. Be sure to mention The Homestead when writing for this book, thus insuring the very promptest attention to your request.

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Helps the Wagon up the Hill

The load seems lighter—Wagon and team wear longer—You make more money, and have more time to make money, when wheels are greased with

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—The longest wearing and most satisfactory lubricant in the world.

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# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

## Something More About Pig Raising.

To the Editor of The Homestead:

In a late issue of this paper there appeared an article headed "Some Hints on Pig Raising." This came just right for me, as I had been thinking of calling it a hit-and-miss affair. When others have had bad luck with pigs we call it poor management; when we lose our pigs we call it bad luck. It would not sound right to acknowledge poor management and say the other fellow had bad luck. What others have is good, and what we have is just a little better. There may be exceptions to this, but it holds out with us all right.

In the spring of 1906 I succeeded in saving seventeen out of 118 pigs. In this case I had a combination of causes. First, the sun was too far south; second, the litters were a little too large, averaging eleven pigs to the sow; third, too much bedding was given some sows and in some cases not quite enough, and I was not with each sow to hold her pigs in my arms each time while she was stirring up her bed and lying down to keep her from using her pigs as a mattress. And then some of the sows hadn't all the sense in the world, either—some seemed to be quite sensible, always aiming to feed their pigs at feeding time so they would be at their best by the time the slop was being poured in their trough, suddenly kick out, jump up, scatter pigs all over her stall against the wall, until one could almost hear their bones crack. Some sows were so orderly and hustling in keeping their beds in shape that their pigs were all used up for bedding, while a few sows succeeded in raising one. Well, this I called poor management, but did not know where to lay the blame, on the sows or myself.

This spring, out of sixty-five pigs from five sows I have twenty-six left, three of which are fed by hand, and yet they seem to have too many, as they do away with one every now and then. Some big 400-pound sows have two left each. They are not bad specimens, indeed they are fine, but I can't see why they should not be. I have come to the conclusion that a sow after her second litter of pigs are old enough to wean should at

once be crowded with corn and good slop, or anything she likes, to make her lazy and lie around so she will take on fat fast. A drink of good water does not go bad once in a while in a case of this kind, for the sooner she will be on board the train for market, the less worry the old hen will have in protecting her flock of chicks, anyhow if she be allowed to associate with the old sow. Young sows for me after this, as five or six nice live pigs are worth more than two or three live pigs and ten or twelve dead ones. Henry S. Roth, Washington county, Iowa.

## What Short-horns Owe to Imported Young Mary.

Mr. E. K. Thomas, of Paris, Ky., the senior member of the Short-horn breeding firm of Thomas, Jameson & Mitchell, of Allen, Kan., has recently prepared a brief history of the notable strain of Short-horn cattle tracing to Imp. Young Mary. According to Mr. Thomas, Young Mary was imported in 1834 by the Ohio Importing Co. and sold in their sale in 1836 for \$1,500. That notable cow is said to have produced sixteen heifer calves and in each she transmitted her good qualities so uniformly that her record stands today in Short-horn history unequalled. The showing character of the Young Mary's, as pointed out by Mr. Thomas, would indicate that as a family this useful strain of Short-horns is deserving of the high esteem in which it is held.

We believe that all of our readers who are in any way interested in Short-horns would be interested in this historic matter prepared by Mr. Thomas, and we therefore direct attention to the fact that, although this material is simply in manuscript form, it will be sent free to those who make application for same. Address E. K. Thomas, Paris, Ky.

## No End of Orders.

Mrs. G. E. Ostheimer, of Eldora, Iowa, writing under date of April 29th, and sending in new copy for her classified advertisement under heading of Rhode Island Reds, says in her letter: "I have had a fine trade and no end of orders."

## THE THOMAS, JAMESON & MITCHELL SHORT-HORN SALE.

Short-horn breeders throughout America should feel an interest in the partial dispersion sale of Short-horns announced by Messrs. Thomas, Jameson & Mitchell, of Allen, Kan., the sale to be held at Kansas City, Mo., on Thursday, June 13th. This herd was founded over thirty years ago by Mr. E. K. Thomas, of Paris, Ky. Some years later the present firm was formed, the herd was moved to Kansas and Mr. S. D. Mitchell, the junior member of the firm, assumed active management. Now, just as Mr. Mitchell has gotten settled in the West, one member of the firm wishes to withdraw and in order to settle the partnership the cattle must be sold. Not in years has such an old and well-established herd been exposed to public treaty. That this will be one of the important sales of recent

# Roofing! Roofing!

Century Rubber Roofing guaranteed to be the finest roofing in the market. Does not harden in the sun, or crack in the cold. Does not shrink at the seams. It is waterproof. Always tight. Low in price. Absolute satisfaction guaranteed. Century Rubber Roofing makes a fire resisting durable roof. Any one can lay it. Write for free catalog

## CENTURY MANUFACTURING CO.,

Dept. 769 R. : : : : East St. Louis, Ill.

GRAVELINE positively and permanently cures Gallstones. Gives immediate relief. Price 50c a bottle postpaid. Graveline Medicine Co., St. Marys, Kan.

## Binder Twine

Partners wanted as agents AUGUST POST Moulton, Iowa.

pedigree is the great Roan Gauntlet, sire of Imp. Orange Blossom 31st. Beyond this straight Cruickshank breeding is found for many generations. Orange Viscount is to go in the sale and it is to be hoped will go to some good herd where he will have an opportunity to continue getting stock that will be shown, as they are the type that hold the breed up to its present high standard. Last week we saw Orange Viscount and found him looking fully as well as ever in his life. He carries the thickness so much sought after and is looking fully as well as when in the show ring, but with less flesh, as he has been in everyday service since his last show. The man who buys Orange Viscount gets a hull whose record is established and a hull that will be of untold value to his herd. The second hull in the herd and one that promises even greater things is White Goods, a son of the great Choice Goods, and out of Imp. Bessie 51st. He has been in the herd since his calfhood and in the show rings of the larger shows has been gaining such prestige as to make him one of the factors in the aged bull classes this fall. Since his appearance last year as a two-year-old he has developed even more than from his yearling form to his two-year-old form, and if carried on for this year's shows must be recognized as one of the great hulls of the breed. As a sire he is making good, siring a class of stock that has but to be fitted and shown. A strong lot of young things by him are in the sale and some show material for the fall shows will be found here. White Goods sells and should go where he will be carried on. Some younger hulls will be found in the sale from which to make selections, but as bull sales from the herd have been good only four are left. One of these, Orange Lavender, got by Orange Viscount and out of Lavender Bud, will be found an even-lined fellow, covering well over loin and crops and a Cruickshank hull that will please some critical buyer. In females the Thomas, Jameson & Mitchell sale will be stronger than any sale held in recent times. In the advertisement will be found a partial list of a number of Cruickshank and Scotch cattle that go in the sale. We see in some sales a cow that is worth the four-figure price, but in this sale there are several that should go to the \$1,000 mark if ever there has been sold a cow that is worth that price. About thirty head are either pure Cruickshank or Scotch. Ten head are two-year-old heifers got by the great Orange Viscount and all in calf to White Goods. The cross of these two show hulls, both sons of champions, should make these heifers especially attractive, as they are individually and collectively as great a string of heifers as are often found. The Barrister Young Marys are of the same type, beef from the hoofs up, and must be seen to be appreciated. In future issues more will be said of the various individuals that go in the sale and we urge all our readers interested in the Short-horn to write at once for a catalog, as it will be found a book of valuable reference, with many illustrations of the cattle to be sold. The announcement of the sale will be found on page 19. Kindly mention this paper when writing for catalogs.

## SOME GOOD FALL BOARS FOR SALE.

On page 17 of this week's issue will be found the Duroc Jersey advertisement of F. E. Garrett, Lohrville, Iowa, who offers for sale three good fall boars. These are sired by I Am A Wonder, a son of the sweepstakes boar, Crimson Wonder I Am, and out of the \$1,500 sow Ruberta. One of these boars is particularly fancy in head and ear, good in color, with a nice body, and good, wide and deep hams. This boar should make a good herd boar for any herd. Another one is particularly good, but not so rich a color. The third one will make a great big boar, and while not as fancy as the other two, will make a good herd boar. Some wide-awake breeder could do worse than to buy one of these fall boars. Mr. Garrett's present crop of pigs are sired by Tientsin, (the sire of the first prize sow, Ruberta), I Am A Wonder, Junior Jim and American Royal. He has three Ruberta gilts in the herd which he is reserving for his next year's sale. He has a good Tientsin and a good Proud Advance sow in the herd which he may carry along for fair time. Mr. Garrett recently purchased a half interest in Young Advance, a son of Proud Advance, and he is breeding him to a few sows for fall litters. He also has old Tientsin and I Am A Wonder, and he has pigs by both of these boars. If any of our Duroc Jersey breeders want a herd boar, just write or go out and see these sons of the great sow Ruberta.

## ORION JR. 56887 FOR SALE.

Farrowed March 27, 1905, sired by old Orion 5293, dam Maudie Darling II. J. by Young John 20575. This good two-year-old boar is offered for sale by Mr. J. W. Pittman, of Lohrville, Iowa. Write him at once or go and see the boar.



The accompanying illustration is from a photograph taken at Hughesdale Farm, owned by Mr. H. J. Hughes, of Trenton, Mo. It is here that the Dual Purpose Short-horn is raised and developed. To the right will be seen Mr. Hughes holding the great Short-horn bull Viscount of Anoka, for three years champion show and breeding bull of America. Next to Viscount of Anoka is Rowena 2d, the champion dual-purpose cow at the World's Fair, held at St. Louis. To the extreme left is Rowena 2d's yearling son, and gathered around this group of Short-horns are the students of the Missouri Auction school, taking a practical lesson in judging Short-horns. This is one of the important features of Col. W. B. Carpenter's school and a very important one, as an auctioneer should be a competent judge of individual merit and values. See page 22 for advertisement of the Missouri Auction school.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## LEGHORNS.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York, prize winners, 26, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

SINGLE COMB BROWN LEGHORNS—Eggs from free range flocks \$1.00 per thirty; \$3.00 per hundred the rest of season. Asa Anderson, New London, Iowa.

JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. H. M. Johnson, Formosa, Kan.

ROSE COMB BROWN LEGHORNS, exclusively. Vigorous farm raised stock. Eggs, 15, 75c; 30, \$1.00. E. B. Sinn, Route 3, Brighton, Iowa.

S. C. W. LEGHORNS, Exclusively, standard bred. Choice select eggs, 15, 75 cts; \$3.00 per hundred. Geo. Gaul, Tipton, Iowa.

SINGLE COMB White Leghorn Eggs, 15 for 75c; 105 for \$3.00. Mrs. E. T. Rauscher, Lockridge, Iowa.

## RHODE ISLAND REDS.

RHODE ISLAND REDS, Light Brahmas, Buff, Silver, White and Golden Wyandottes, White Barred, Buff and Black Rocks, Brown, Buff and White Leghorns, Black Minorcas and Javas, Hardy, prolific, farm bred, pure stock. For birds, moderate prices or "eggs to hatch" at 10c each, write Walter Sherman, Edgewood, Newport, R. I.

ROSE COMB Rhode Island Reds exclusively; eggs for hatching; choice stock; farm range; \$6 100; \$1.50 sitting. Mrs. J. P. Crowell, R. 1, Shannon City, Iowa.

SINGLE COMB REDS. Eggs \$1 per sitting, \$2.50 per 50 from farm flock. Mrs. G. E. Oshimer, Route 5, Eldora, Iowa.

RHODE ISLAND REDS, both combs; eggs, 15, \$1.00; 50, \$3.00; 100, \$6.00. G. Welser, Humboldt, Ia.

GRAND ROSE COMB REDS—Eggs, Breeders. Ben Russell, Lamoni, Iowa.

## PLYMOUTH ROCKS.

BARR'D PLYMOUTH ROCKS—Hawkins, Felch, Thompson strains. First Wilton, 1906; 30 eggs, \$1.50, 50 \$2.25, 100 \$4.00. Mrs. Minnie Lecker, R. 2, Wilton Junction, Iowa.

UTILITY Burred Rocks (money-makers) fresh, selected eggs, carefully packed, 100, \$4.00; 50, \$2.50; 15, \$1.00; satisfaction guaranteed. Adam A. Weir, Clay Center, Nebraska.

EGGS from White Plymouth Rocks, pure white, standard bred, 75c per 15, \$3.50 per 100. Pekin ducks, 50c per doz. Mrs. John Holmgren, Gilmore City, Ia.

BUFF ROCK eggs, \$1.00 for fifteen. Mrs. J. W. Martin, Mason City, Illinois.

## WYANDOTTES.

WHITE Wyandotte Eggs, \$1.00 per 15; \$1.50 for 30; \$4.00 for 100 from birds scoring 93 to 96. \$2.50 per 100 from range flock. Mrs. Ira J. McKinley, Melrose, Iowa.

SILVER LACED WYANDOTTES, exclusively. Guaranteed eggs. Circular free. John A. Johnson, Route 1, Dayton, Iowa.

WHITE WYANDOTTE Egg-bargains balance season; high quality stock. S. Harr, Riverside, Ia.

## ORPINGTONS.

BARGAIN—S. C. Buff Orpingtons. After June 1st will sell my flock of old birds at greatly reduced prices. Mrs. Frankie Thomson, Earlham, Iowa.

GRAND SINGLE COMB BUFFS—Eggs, Breeders. Ben Russell, Lamoni, Iowa.

## TURKEYS.

MAMMOTH White Holland turkey eggs and toms, Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

## SQUABS.

HOMERS for squab breeding; mated birds; prolific breeders. Demand exceeds supply. Missouri Squab Co., 3301 Shaw Ave., St. Louis, Missouri.

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15, \$3.50 for 30. Philip Stalenz, Lorhner, Iowa.

## MISCELLANEOUS POULTRY.

PRICES reduced on Eggs from Single Comb Brown Leghorns. Few sittings to spare from Rhode Island Reds and Buff Cochins. Stock for sale in season. Mrs. Geo. Manning, Birmingham, Iowa.

ORPINGTONS, Rhode Island Reds, Partridge Wyandottes and 20 other varieties, each on separate farm. Eggs, \$6.00 per 100, \$1.00 for 13. Catalog free. Harris Poultry Co., Chy Center, Neb.

EGGS \$1.00 per 15 of 40 varieties of show birds. Catalog free. Breeders at a very low price; score as high as 97. F. J. Danann, Farmington, Minnesota.

## DOGS.

RATS won't kill all your chickens if you have a Scottish Terrier. Very fine pups, from recorded parents, for sale. S. Harr, Riverside, Iowa.

## AGENTS WANTED.

AGENTS—Red hot seller, something new for kitchen; every woman buys on sight. Write for territory and astounding terms. Sample postpaid, 25c, McCall Clasp Cover Co., 145 W. Jackson, Chicago

AGENTS—Sell automatic self-cleaning curry-comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

## CATTLE.

REGISTERED RED POLLED CATTLE.—Bargains in females to reduce herd. Good size, well bred. Write for booklet and particulars. O. P. Rnsa, Havenwood, Missouri.

EIGHT SHORT-HORN bulls and four heifers. Good ones, approved breeding, for sale. Fifty dollars and up. Write for particulars. D. W. B. Kurtz, Columbia, Mo.

## HORTICULTURE.

300 DUNLAP STRAWBERRY plants, by mail, postage paid for One Dollar. Set out now as directed, and pick three hundred quarts, delicious berries next season. C. B. Maben, Wealthwood, Minnesota.

GREEN HOUSE PLANTS—Sample dozen, 50c. (mail) embracing Carnations, Roses, Geraniums, etc. T. Montgomery, Larned, Kansas.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

ROE & ROE, Des Moines, Iowa. Branch in Washington. Send description of invention for free opinion.

## DOGS AND BIRDS.

DOGS AND BIRDS—Dogs, pigeons, poultry, rabbits, ferrets, cattle, sheep and swine for sale. 10 cents for 60 page illustrated catalog. Charles H. Landis, Dept. F, Reading, Pennsylvania.

## HOGS.

O. I. C'S.—By speaking quick you can get one of my choice, either sex, six weeks pigs for \$7.50. Geo. W. Saunders, Marceline, Mo.

## POEMS.

THE RIVER BEND and other poems, The Hussey, sent to any address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

## REAL ESTATE.

SHEEP RANCH FOR SALE—A modern, up-to-date wool-growing plant of great magnitude, equipped with 9,000 sheep; power shearing machinery. Will give just a few words of introduction; 4,400 acres of A-1 land, of which 650 is finest kind of alfalfa land; 400 seeded to alfalfa, 100 to grain; an abundance of water for irrigation purposes and to spare; 960 acres in pine timber land, crissed 15,000,000 feet; 2 large dwellings of modern type; plenty of horses, cattle, and 20 equipped camp, with buildings, etc. For further particulars of this colossal industry, call or write, Lind & Co., Room 329 Lumber Exchange, Portland, Ore.

HOME, STOCK FARM OR INVESTMENT—1,800 acres, level, nice land in old Virginia. Fronts on large bay river. Salt water, 4 tenant houses, one large barn, 3 artesian wells, fine water. Will sell cheap. W. R. Broadus, West Point, Virginia.

"WRITE FOR FREE BOOKLET" descriptive of eastern South Dakota farms, well improved, for sale on easy terms. Desirable settlement. Prosperous stock feeding farmers." Gold & Co., Big Stone, South Dakota.

IMPROVED OR unimproved farms for sale; healthy climate, one crop often pays for land; will soon double in price. Write T. V. Lowe, Goodland, Kansas.

DO YOU WANT a home in Oklahoma? If so, write to W. E. Willoughby, Chandler, Oklahoma. He has some good ones for sale cheap.

TEXAS. If you want a home cheap, in the center of the Staked Plains, write us for full information. Hartford Land Co., Lubbock, Texas.

FOR SALE—Fine fruit farms, good location along interurban; excellent buildings. Prices reasonable. Weersing, Holland, Michigan.

TRADE. I want to trade or sell six good Iowa farms in next sixty days. Come, see or address H. D. Holmes, Riceville, Iowa.

IOWA \$60 farms as good as Illinois \$125 kind. Send for booklet of prices. "Secor," Postmaster, Buffalo Center, Iowa.

SAY, if you want to buy a farm or offer a good trade, write Buckeye Agency, Williamsburg, Kan.

FOR SALE—120 acres; best of Palouse land. 10 409 Montgomery Ave., Spokane, Washington.

FOR SEWARD COUNTY, Kansas, land write to Charles E. Dunlap, Liberal, Kansas.

WHY RENT?—Own your own land. Write to T. V. Lowe, Goodland, Kansas.

## REAL ESTATE.

THE BEST stock farm in northwestern Iowa is for sale at a great bargain; 640 acres of thoroughly till-drained, arable land—250 acres under cultivation, 100 acres hay land, 280 acres in time grass pasture; \$10,000 in improvements; within nine miles of three competing Chicago lines of railway, and town three miles from farm. Yet mesend you a circular describing this ideal stock farm and naming price thereon. Address, E. J. Hornbrook, Cherokee, Iowa.

TO STOCK FEEDERS—FOR SALE, 77 acres at railroad station in a good corn region in southeast Nebraska. Good location for sheep or cattle feeding. Good shade and water and quick transit to markets of South Omaha, St. Joseph and Kansas City. Price \$50.00 per acre. Address: J. W. Gehr, Crab Orchard, Nebraska.

TO EXCHANGE for Income Property or smaller farms: 1 ranch 800 acres, 3 sets of improvements near town, 1 ranch 1,240 acres; improvements cost \$3,000. 1 ranch 2,200 acres; prices run from \$10.00 to \$40.00 per acre. Write for my list. I have many bargains in farms. A. Smith, Stuart, Nebraska.

BARGAIN IN WHEAT LAND.—S. E. Qr. Sec. 22—Town 8—Range 41, Sherman County, Kansas. Nothing finer. Lies right up to elevator and depot at Ruleton on main line of Rock Island to Denver. Price \$2,500. Good title. Don't write unless you mean business. J. W. Gehr, Crab Orchard, Neb.

320-ACRE FARM in Ripley County, Mo. 160 acres in cultivation; balance good timber; nine-room, two-story house, barn 150 by 48 feet; stone foundation. All good cultivating land. Price, \$10,000. Several smaller farms. Send for list. C. H. Martin, Doniphan, Mo.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert B. King, Goodland, Kan.

CHOICE SECTIONS near new railroad town; water; school; \$8 and \$10; terms. Choice Sections in wheat near market; school; good buildings; wells; all convenient improvements; \$20 to \$40; terms. P. J. Amer & Co., Hattin, Washington.

CASH FOR YOUR property wherever located. If you want to sell, send description and price. If you want to buy, send for our monthly. Northwestern Business Agency, 380 Bank of Commerce, Bldg., Minneapolis, Minn.

FOR QUICK DEAL—220 acre farm, well located, Union County, Iowa. \$70 per acre; will take 80 acres on this at same price. Write at once for complete description and terms. J. A. Stearns Land Co., Creston, Iowa.

BIG BARGAINS in improved farms, \$15 to \$40 in western Canada and wild land \$7 to \$20. Fine houses; trees; water. Write for map and list of farms. Address: Lock Box, 464, Oskaloosa, Iowa.

FIVE Madison County, Iowa, farms for sale by owners. One improved, four unimproved, 140 to 240 acres; 1 to 4 miles to good railroad town. Priced to sell. Alexander & Williams, Winterset, Iowa.

The best place to buy farms is in Henry, Bates and Cass Counties, in old Missouri. Tell in first letter what you want. See how quick we can fix you out. Friley & Graham, Urick, Missouri.

OKLAHOMA FARMS: Write your wants, enclosing stamp for new map of Oklahoma. I sell my own lands direct and pay your fare. No trades. J. P. Becker, Medford, Oklahoma.

IDAHO IRRIGATED FARM LANDS FOR SALE—Wheat, oats, hay and sugar beets yield enormously. For descriptive booklet, write J. H. Van Tassel, Newberry, Michigan.

WILL SELL to settle an estate any fraction of four sections of the best land in the Panhandle. Close to Oklahoma. Ten dollars per acre. J. C. McKenn, Ivanhoe, Oklahoma.

GOOD BARGAIN—3/4 section in northwestern part of Sargent County, North Dakota; 3 miles to market. For particulars address Box 237, Oakes, North Dakota.

CLOSING OUT at a low price on easy terms several finely improved farms recently possessed. Write quick for list. Bank of Itensen, Itensen, Ia.

SOUTHWEST MINNESOTA CORN LANDS. Iowa soil and conditions at half the price in this locality. E. H. Crandall, Montevideo, Minnesota.

FOR SALE—320 acres Bourbon, Kan., fair buildings. Would make good stock farm. \$9,800. J. I. Case Threshing Machine Co., Racine, Wisconsin.

SPLENDID 60, well improved, 1 1/2 miles, from town, 80 from Kansas City. For description and price write Wm. Collins, Agricola, Kansas.

FOR SALE—Iowa farms in Pocahontas County. No better under sun; general exchange business. List furnished. J. A. Carroll, Rolfe, Iowa.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone. \$30 to \$40 acre. M. Wright, Lanthu, Barton County, Missouri.

FOR SALE—Will sell all or part of 457 acres, all bottom land. Write for particulars. L. L. Chancellor, Howard County, Franklin, Missouri.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

SAY—I'M LOOKING for U and when you want 2 buy, sell or exchange I would like 2 hear from or C U — am quite sure I can interest you with 460 farms, 114 ranches, 60 stocks of merchandise, 12 lumber yards, 23 mills and elevators, 53 hotels and liverys, saw mills and timber lands; restaurants and telephone plants, that I have for sale, and some to exchange, in Kansas and many other states. I will be glad to tell you of them. Descriptions guaranteed by the owners. Frank Gee, Lawrence, Kansas.

BUY NOW, DON'T DELAY—Opportunities of a lifetime are now offered the bona-fide homeseeker. Corn, wheat and alfalfa lands are our offerings. Good farm lands at from \$20 to \$40; alfalfa lands at from \$80 to \$150 acre. Buy right now and get share this year's rentals and the \$5 acre advance in raise of price in next three months. List furnished if desired, but you had better come now and see what we have. Come prepared to buy. C. W. Lindsay, Wilsonville, Furnas County, Nebraska.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

BARGAIN HOME FARM—160 acres, good home, stable, grove and well; 135 acres wheat, second crop from sod; balance pasture. Farm all level and fenced, only two miles from county seat of Harper County, southern Kansas. Best wheat, corn and alfalfa in Kansas. Price, \$4,500, one third, low interest. Write 'Geo. B. Marsh, Anthony, Kansas.

IDAHO—The land of opportunities. The Mecca of farmers who want never failing and heavy crops and sure and highly profitable markets. For reliable information (free) as to lands, crops, irrigation, (government and private) timber, grazing, mining, etc., address Guy Plenner, Secretary League of Southern Idaho Commercial Clubs, Boise, Idaho.

TEXAS SCHOOL LAND—Better than Oklahoma. Over 3,000,000 acres to be sold by state \$1 to \$5 per acre, only one-fourth cash, balance 40 years after date, only 3% interest. Secure a home now. Send \$1 for book of instructions, state law and map. Ashby James, Special Land Atty., Austin, Texas. Reference: American National Bank, Austin.

JACKSON and Jefferson counties, Kansas; 230 acres, splendid, modern, new buildings, adjoining station, good land, all tame and wild grass. Catholic settlement. Price, \$14,000.00. Write for prices on 40 acres to a section. W. A. Gilliland, (Farmer,) Mayetta, Kansas.

BARGAIN—240 acre farm in Sumner county, Kansas. Well improved; good 5 room house; new barn; all smooth level land. Adapted for corn, wheat or alfalfa. Price \$6,200. We have other bargains. Write. Gile & Bonsall, South Haven, Kan.

HOMESTEADS that will grow alfalfa, corn and vegetation without irrigating. I pay expenses while there and filing for \$50. No locate, no pay. Shallow to good water. Send stamp. Ed. Hanshaw, Laird, Colorado.

SPECIAL BARGAIN in large tracts of Michigan land suitable for sheep or cattle ranches. Also small tracts for farms and fruit. Write for map and particulars. J. E. Merritt, Manistee, Michigan.

FOR A HOME or investment, come to Butler County, Kansas, the home of corn, wheat, oats, alfalfa, fruits of all kinds, hogs and cattle. Write Cook & Plummer, Cassoday, Kansas.

MY fine, level, prairie lands here pay for themselves with first crop. Flux sown on breaking. Agents wanted. For information address O. B. Harris, Dawson, North Dakota.

GOOD, HEALTHFUL CLIMATE, mild winters, tame grasses, corn, and all crops grow profusely. Write for descriptive lists. C. W. Wilder & Co., Richards, Missouri.

A BARGAIN—One 400 acre farm. Two sets buildings, fine shape; two miles to station. Cerro Gordo Co. \$57. Box 70, Route 1, Hamletown, Iowa.

WHEAT FARM—Half crop payments. E. A. Wadsworth, Langdon, North Dakota.

## MISCELLANEOUS.

THE THAW-WHITE tragedy. Do you want to read the facts about that famous murder case? Then drop us a postal card. The Book Shop, 218 East 12th St., Kansas City, Missouri.

FOR SALE—Milk route in town of White Sulphur Springs, Montana, doing business of \$3,000 a year. No opposition. Zehnert Bros., White Sulphur Springs, Montana.

MERCHANDISE BARGAIN—Invoice \$3,500; annual sales, \$20,000. \$30 per month. Postoffice in store. Buckeye Agency, Williamsburg, Kansas.

LUMP JAW CURE and other recipes worth \$100, price \$1.00. Warranted by an experienced farmer. Geo. W. Burns, Canton, S. D.

WANTED—A good reliable man to work on farm. Good wages to right man. Reference required. F. S. Castle, Route 3, Joy, Illinois.

NEURALGIA—Positive, permanent cure. One dollar guaranteed. A. S. Way, Springfield, Ohio.

## Rape Blistering Hogs.

To the Editor of The Homestead:

Every year I see a good deal said in the papers about rape blistering hogs. I have used rape for twelve years for pasture for hogs and have turned shoats and pigs on it when the rape was large enough for them to lie in the shade of its leaves, but have never had one of them blister. I sow rape on all the lots that are tramped in winter, by the stock, usually sowing it in April or the fore part of May. I turn March and April pigs on it about July and leave them there through all kinds of weather. Of course they have a large hog barn and other places for shade. Twice in the twelve years I have had

the pigs break out with the measles, or a sort of breaking out of small lumps like mosquito bites on a person's hands. But I could always find the same thing on the pigs of the same litters that had tame grass pastures and fed in the same building with only a partition between. I sometimes think these measles are mistaken for rape blistering. My hogs are Poland Chinas.

I have seen white hogs blister in the sun from getting wet in large weeds or clover. I have seen them with big sores on their backs. Of course they could get in this condition in rape, too, because they are very tender-skinned hogs, but that is the hog's fault and not the fault of the rape or clover. I have also had pigs get fevered and their ears swell up

and peel off, and have even had them lose their ears and yet live through the trouble and I have lost a few in this condition. However, this does not occur any more on a rape pasture than on blue grass, white clover, or any other pasture. If pigs are properly fed, kept well disinfectated and the worms kept out of them there will be but little trouble among the black hogs on rape or any other kind of pasture. John Blain.

Fawnee county, Neb.

Arrangements have just been completed by Manager Irwin, of the St. Joseph Interstate Fair, whereby four great auction sales of swine will be held on the grounds during the week of the show, the dates designated being as fol-

lows: Tuesday, September 24, Duroc-Jerseys; Wednesday, September 25, Berkshires; Thursday, September 26, Poland Chinas; Friday, September 27, Chester Whites. Exhibition as well as other swine can be entered for these sales and breeders interested can obtain further information by addressing Mr. Frost at Springfield, Ill.

There will always be good opportunities in this country for the man who will use good common sense in breeding pure-bred stock. One can safely make this assertion because the great majority of farmers will persist in mixing the breeds, and therefore from time to time must get back to foundation stock pure breeding.



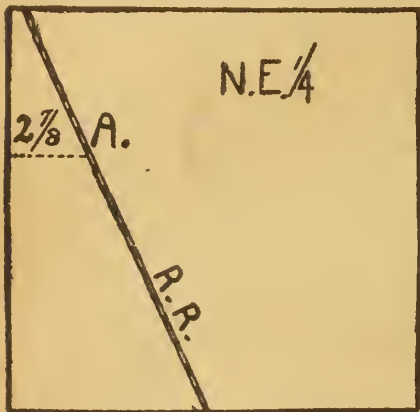
## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## MISTAKE IN DEED.

Mr. Peter Larsen, Suring, Wis.—A had a warranty deed to the east half of the north-east quarter of a section of land. A railroad runs through it. About thirty acres of the land is west of the railroad as shown in diagram. In 1892 he sold two acres and seven-eighths of an acre in the northern point of this thirty acres to his neighbor B.



and gave him a warranty deed therefor. In 1900 he sold the balance of the thirty acre tract, about twenty-seven acres, to C, and gave him a warranty deed therefor. C claims to have discovered that A's deed to B really conveys all of the land in the northern forty, instead of only two and seven-eighths acres, and C threatens to make trouble. He found in looking over the abstract which A furnished him, that A's deed to B read as follows: "All of the northeast quarter of the north-east quarter that lies west of the road, two acres and seven-eighths of an acre, more or less according to government survey." C claims A sold the land twice,—once to B and once to him. Can C do A any harm on account of the error in deed?

Answer.—He cannot, except perhaps to bother him with a lawsuit to quiet title and correct the error by a decision of a court. C's threat to make trouble for A by accusing him of deeding the land twice as a crime, is nonsense. He could not possibly succeed in having A convicted of a crime. It is simply a mistake, which a court would correct, and that would be the end of it. An easy way to correct it and without ex-

## 10 Points to Consider When You Buy A Buggy.

Buy direct from the factory. My \$45 Knox Special Top Buggy is sold that way. No dealer's profit for you to pay. No salesmen or jobbers for me to pay to sell my buggies. I sell direct to you.

Get my Knox Buggy on 30 days' trial. Use it a month, test it in every possible way, and send it back if not satisfied. And I will pay the freight both ways.

Be sure your buggy is guaranteed by a reliable maker. I guarantee the Knox for two years. That is another advantage of dealing directly with me.

My \$45 Knox Top Buggy is a comfortable rider. It has a wide, roomy seat. That very same buggy at your



local store sells from \$75 to \$90. So you easily save \$30 in jobber's and dealer's profit.

The body is 24 inches by 54 inches. The gear is oil tempered. Long distance, full clipped axles. Easy riding spring. Full plated reaches.

The shafts and wheels are guaranteed to be split hickory. Oval edge tires.

My Knox buggy is handsomely painted and tastefully upholstered.

It has a four bow leather top. In short, it's the leader of my big line of huggies, carriages and vehicles of all kinds. Remember, I sell them all straight from shop to buyer, guaranteed, and a big saving to you.

Send for my big huggy book. It's free. Tells more about my line. But order my \$45 Knox Buggy now, right from this advertisement. You are safe. Address

R. M. Knox, President, Western Harness & Supply Co., 613 Commercial St., Waterloo, Iowa. P. S. Have been advertising in The Iowa Homestead for six years.

pense would be for B to make a quit claim deed to C for all the land in the N. E. 1/4 of the N. E. 1/4, west of the railroad, except the 2 7/8 acres.

## ADOPTED CHILD—WILL.

A Subscriber, Toluca, Ill.—(1) A husband and wife in this state adopted a child, but took out no papers. Can the child claim any share in the property of its adopted parents when they die? (2) In case a married man wishes to leave all his property to his wife, is it necessary for him to make a will to that effect? (3) Is a will signed by two witnesses valid?

Answer.—(1) It cannot. (2) It is. (3) It is.

## LANDLORD AND TENANT—REPAIRS.

A Subscriber, Eldora, Iowa.—I am renting land for a share of the crops, except pasture and hay land for which I pay cash rent. There is nothing mentioned in the lease about furnishing a water tank. There is a wind mill on the place, but the old water tank is worn out. Can I compel my landlord to furnish a new water tank?

Answer.—You cannot. A landlord is not bound by law to make repairs for a tenant unless it is provided for in the contract.

## HOSPITAL OR INSANE.

A Subscriber, Cedar Rapids, Neb.—Where a person is suspected of being insane, what steps are necessary to have him or her put in an asylum?

Answer.—An application for admission to a hospital for the insane must be made in writing and sworn to, setting forth that the person is believed to be insane and a fit subject for custody and treatment in a hospital, and that he is a resident of the county, etc. This application is filed with the board of insanity commissioners of the county and the board at once takes steps to investigate the matter—calls a hearing, examines witness, etc., and if the person is proved to be insane, the board sends him to an asylum or hospital for the insane.

## ROAD TAX—RENTS.

A Subscriber, Prairie City, Iowa.—(1) A man became forty-five years old in July 1907. The road supervisor did not warn him out to work until the following September. Can he be compelled to either work or out his poll tax or pay it with his other taxes? (2) A rented a farm to B and took a landlord's lien on B's property, including live stock and the increase thereof. B hired a man to work for him on the place, and the man brought a horse along, and worked it some on the farm. Can A hold the horse as security for the payment of B's rent?

Answer.—By law the liability to work on the roads or pay poll tax in lieu thereof commenced on April 1st. At any time between that date and the first day of September, a person might work out his road poll tax if called up on by the supervisor. In your case the man became liable for this tax because on the first day of April he was between twenty-one and forty-five years old. (2) A cannot hold the horse as security for B's rent, because it does not belong to the tenant.

## THE U. S. PURE FOOD LAW.

A Subscriber, Jacob, Iowa.—(1) What are the requirements of what is called the pure food law with reference to dairymen? (2) What is the required milk and cream test in Iowa?

Answer.—(1) What is called the pure food law is a United States law. It prohibits the manufacture within any territory or the District of Columbia, of any article of food or drugs which is adulterated or misbranded; and it prohibits the introduction into any state or territory or the District of Columbia, from any other state or territory, or the District of Columbia, or from any foreign country, or shipment to any foreign country of any article of food or drugs which is adulterated or misbranded. It does not apply to any article consumed in the state where it is manufactured, hence it would have no application to dairymen who sell their milk and products in the state where the dairy is located. (2) It makes no specific milk or cream test for Iowa or any other state.

## USE AND OCCUPATION.

A Subscriber, Egan, Ill.—A rented a farm from B, by oral agreement. B was to build fences and fix up the buildings, and A was to farm the place as long as he and B could agree. No writing was signed or notes given. A has now farmed the place for two years. B has not built the fences nor fixed up the buildings as he agreed to do. (1) Can B recover all the rent agreed upon? (2) Does a verbal contract for lease of land hold good, for more than one year? (3) Can B have a lien for rent without a written contract?

Answer.—(1) He can recover what the use of the premises for the time A occupied them was worth, considering the condition they were in during that time. (2) A verbal contract made for the leasing of real estate for more than one year is not binding at law, but if the lessee goes into possession of premises by virtue of such contract, he is liable for the rental value during the time he occupies them. (3) By the law of Illinois, B has a lien on the crops grown



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or growing for the rent and also for the faithful performance of the terms of the lease, whether in writing or not.

## POLL TAX—IOWA.

A Subscriber, Pisgah, Iowa.—This year I offered to work out my poll tax at several times, but the road boss kept putting me off till late in the fall, when he was taken sick and died. The township trustees say I will have to pay in money. Is that correct?

Answer.—It is.

## INHERITANCE IN SOUTH DAKOTA.

A Subscriber, Spencer, South Dakota.—A and B are husband and wife, and own a quarter section of land in this state. In case A should die without a will, what portion of the property, including both real and personal property, would B get according to the laws of South Dakota?

Answer.—This correspondent is like hundreds of others who seek legal information from this department. They are careless and indifferent in the statement of facts. Apparently they give the matter but little thought or attention. Often necessary facts are entirely omitted; sometimes in a rambling, incoherent letter, full of minor circumstances and trivial details, the main facts of the case will be missed entirely. The foregoing statement is not so bad as that, but it is very lame, and has to be guessed at. We guess that the property is in A's name. We also guess that there are no children. If these guesses be correct, B would be entitled by law to one-half of the property, and the other half would go to A's father,—if he has no father

living, then to his brothers, sisters and mother in equal shares.

## HUSBAND AND WIFE.

An Illinois Subscriber.—(1) A husband and wife in this state have no children, and own a farm and personal property. Suppose the husband should die first, without a will, what share of the property would the wife get according to the laws of Illinois? (2) In the year 1901, a husband and wife were living in this state. A child was born to them, but died; then the wife died. When the wife's father shall die will the husband be entitled to any of his estate?

Answer.—(1) One-half of the real estate and all of the personal property. The other half of the real estate would go to the deceased husband's parents and brothers and sisters in equal shares. (2) He will not.

## MUTUAL TELEPHONE COMPANY.

A Subscriber, Murray, Iowa.—A farmers' mutual telephone company, incorporated under the laws of Iowa, is doing business in this vicinity. A section in its by-laws reads as follows: "Any stockholder wishing to sell his share, shall first offer the same to the company; the company agrees to buy the same at not to exceed its par value until the second day of January, 1905, and at a ten per cent discount after that date." (1) Can the company legally take such discount? (2) Can a member of the company rent his share to an outside party to use the line, without the consent of the company?

Answer.—(1) The section of the by-laws above set forth, probably cannot be enforced at all. It is vague, uncertainty and most likely not valid for any purpose whatever. (2) No facts are stated as to this question,—simply the, bald-headed question. We guess not, but no one can give a reliable answer



without an inspection of the articles and by-laws of the company.

#### HEIR'S PORTION—DEBTS.

A Kansas Subscriber.—A and B were husband and wife living in Iowa. A owned 160 acres of land there. They had six children, named C, D, E, F, G and H, all married. A died without making a will; later G, a daughter, died leaving a husband. At the time of G's death her husband borrowed \$100 from B, and gave his note therefor. (1) Can B get judgment against G's share of A's estate, for the amount of the note? (2) C borrowed money of a man by the name of J. Can J collect the amount of the loan from C's share of A's estate?

Answer.—(1) She cannot, but she can sue G's husband and get judgment against him for the amount of the note, and then attach or garnishee money going to him from A's estate, or rather, his deceased wife's share of A's estate. (2) We think he can.

#### CONDEMNATION PROCEEDINGS.

A Subscriber, Galesburg, Iowa.—(1) Where an electric railway is constructed along a public highway which is sixty-six feet wide, how many feet can the electric company take from the land owner? (2) In such case does the electric company remove the fences, rebuild them, and afterwards keep them in repair?

Answer.—(1) None whatever, without the land owner's consent, unless they obtain it by condemnation proceedings, and paying compensation to the land owner. (2) It does not. The compensation decreed for the land owner is supposed to include the trouble and expense he will be put to in the matter of fences.

#### DOWN AND OUTSIDE.

A Subscriber, Tama, Iowa.—A telephone company owns and operates a line in this vicinity. The line is two miles long, east and west, with a side line nearly a mile long at the east end. Each member of the company has a three dollar interest in it. A, who is not a member of the company, lives at the west end of the main line, and he made application to buy an interest in the company. A meeting was called and it was proposed that if A would pay into the company's treasury five dollars, he might go on the line, and have the rights and privileges like the members of the company, except that he could neither vote nor have a voice in their meetings. A accepted the proposition, and the matter was duly voted on and carried by the meeting. Some of the members now want a division of the line. In case it should be divided would A lose his interest in the company?

Answer.—We think he would, because he was never taken into full membership. He really bought no interest in the company, but only got the privilege of being put on the line, and using it for his money. This plutocratic com-

pany did not, in fact, receive him as a member of it, but only sold him a privilege. He is down and outside. Truly the common people seem to be at the mercy of the corporations.

#### INHERITANCE IN KANSAS.

A Kansas Subscriber.—(1) Where a wife owns land in her own name, what share of it does her husband inherit in case of her death? (2) In such case, what shares go to her children by law?

Answer.—(1) One-half. (2) One-half.

#### ADOPTION OF MINORS.

A Subscriber, Shellsburg, Iowa.—(1) Can a widow who has one child of her own, lawfully adopt a boy who is over twenty-one years old?

Answer.—She cannot. The law provides for adoption of minors, and does not contemplate the adoption of adults.

#### GARNISHMENT.

A Minnesota Subscriber.—A is a laboring man, and B is a merchant. A owes B a sum of money for merchandise. (1) Can B garnishee A's wages? (2) How much money can A hold free from garnishment? (3) Can a company or corporation be garnished for the debts of its employees?

Answer.—(1) B can garnishee A's wages, except \$25 earned by A during the thirty days preceding the garnishment. (2) \$25 earned during the thirty days preceding the garnishment. (3) It can.

#### DEATH OF LEGATEES.

A Subscriber, Van Buren Co., Iowa.—Several years ago A made his will in which, among other bequests he bequeathed \$2,000 to his wife, and a certain portion to his son. The wife and son both died recently. The son left a wife, but no children. A has no children living, but has five grandchildren by another son. A is still living and is over ninety years old. Since he made the will he has lost his mind, and a guardian was appointed for him a few years ago. His property consists of money, notes, etc. (1) When A dies, who will get the \$2,000 which he bequeathed to his wife? (2) What portion of A's property, if any, will the wife of the son first above named get?

Answer.—(1) If the five grandchildren are the grandchildren of the deceased wife, they would get the \$2,000 bequeathed to her. (2) None of it. The portion bequeathed to the son will go to the five grandchildren,—children of the other son.

#### The Coal Situation.

In an interview with Mr. W. L. Park, general superintendent of the Union Pacific railroad, he states that the coal situation is the most serious that confronts the people, particularly in the West. The population is growing so fast that the demand upon the mines are very much beyond their capacity. "It is quite likely that next winter

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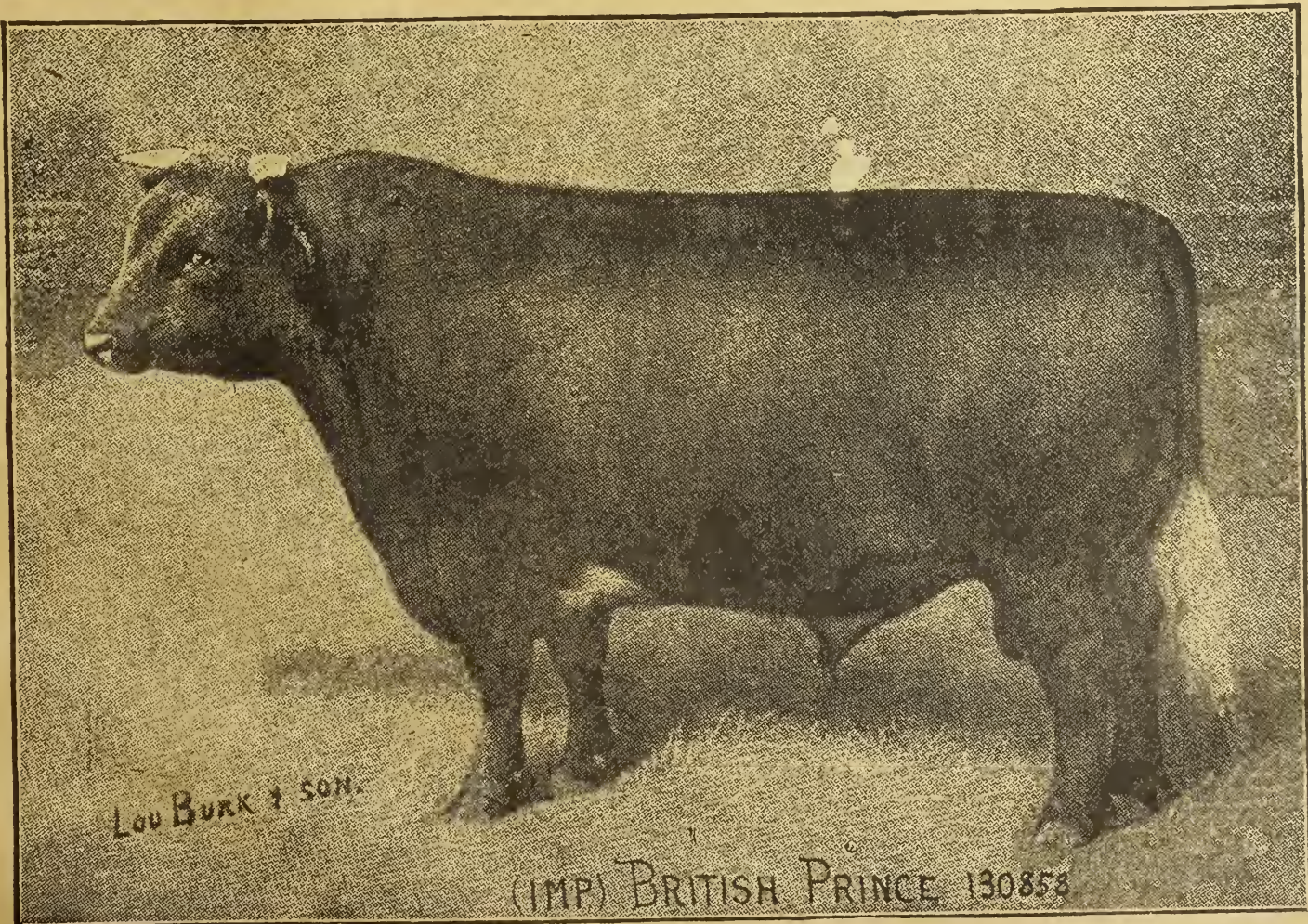
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will see a much more serious condition than existed during the past, for the reason that the country west of the Rock Springs mines is settling up very rapidly and requires the entire commercial output at the present time. Recently very little Rock Springs coal has been shipped east of Cheyenne and practically none has left the rails of the Union Pacific or its affiliated lines during the past year. It may be possible for the consumers along the Union Pacific, east of Rock Springs, to obtain this coal, if the dealers store it during the summer. This we are urging them to do, knowing how much the people appreciate the quality of this fuel. This would also give them some insurance against a coal famine in the winter of 1907-1908, to which they are entitled. As the railroads will be entirely segregated from the coal business next winter it is up to the dealers to provide such facilities for storing and it is up to the people to see that they do it. Heretofore, the railroads protected the people against coal shortages by selling from

their company supply coal to individuals and to dealers. Under the Hepburn bill this will not hereafter, be permitted. Personally, I intend to lay in a year's supply of coal and I am glad to give the people the tip that they had better do likewise. If their dealers do not store it, it would be wise for small families to club together and put some in storage or those who can afford it, to fill their bins and cellars; of course it will be much better for the dealers to provide facilities for storing, if they will do it. It is by no means a question of transportation. The problem will be producing the coal in sufficient quantities to meet increased demands. I would not like to see the people along our line suffer as they have done in Montana and Dakota and in Canada during the past winter, and I want to get on record this early that they must look out for themselves to a greater extent than they have done heretofore, on account of the changed conditions."



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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### SPLINTS.

I have a colt four weeks old that has a sharp bone on each of its front legs between its ankle and knee. It was there when the colt was foaled. I would like some remedy to get rid of them.

We would advise you to let them alone, as they were present at birth and may remain throughout life or be absorbed by nature. It seems likely that they merely are extra large splint bones.

#### WOUND.

I have a three-year-old bay mare which was cut in barb wire on the right hind leg, just a little below the knee joint, last November. I used carbolic acid in it to wash the wound twice a day for a month and after that once a day. I also used a liniment. Have kept the proud flesh away with burnt alum, but it seems that her leg and joint are enlarged.

Remove hair from about wound and blister thoroughly with cerate of cantharides. Repeat if necessary in two or three weeks if the skin will stand it. Apply oxide of zinc ointment to wound if still raw.

#### ITCH.

I would like to know what is the matter with my pigs. When about three weeks old they get the scours and then get an itch. They rub and scratch most of the time and do no good. I have dipped them and tried other things, but have failed. They have a dry house to stay in.

Keep them out of the house, giving free range on grass and do not feed corn in any form. Their food or that of the nursing mother has been too rich or corn has been too lavishly used. The itch indicates either lice or dirty bedding. After dipping rub them thoroughly with flowers of sulphur.

#### LOSS OF PIGS.

I would like to know what is the matter with my pigs. When born they seem to be healthy and I think I never had finer looking pigs before. My sows are healthy and in good condition. I have fed them oat middlings as slop and corn, a little more corn than oats. My hog house has a wood floor which I keep very clean with dry bedding. Last fall hog cholera killed the hogs for some of my neighbors, so I sometimes think it is hog cholera. What do you think?

There is nothing in your description to give a hint as to what disease is causing death. A post mortem examination should be made and if the disease is cholera, ulcers will be found upon the lining of the first large intestine (caecum) and red spots will be found elsewhere throughout the body. It seems improbable that it is cholera. More likely it is from worms or something amiss with the feeding. Write again giving a full description of the symptoms shown by the sick pigs and what you find on opening one that dies.

#### PARALYSIS.

About four weeks after my sows farrow they get lame and stiff and then they break down behind and dry up in milk. I have two old sows and one young sow afflicted in this manner. I feed one-half bushel of corn, dry, one-half bushel ground oats and wheat in a thick slop to twelve head. They have the run of blue grass and timothy pasture. Is this contagious? Would it be advisable to save sows for next year out of the afflicted sows?

As often explained in these columns, this trouble is induced by over-feeding corn and by lack of exercise, but there is a hereditary tendency to it in all plethoric, lard hogs. It is to be avoided by feeding no corn to growing and breeding stock and by allowing plenty of out-door exercise on grass, clover or alfalfa. Lime water given freely two or three times a week also proves beneficial as a preventive. The sows should not again be used for breeding purposes if they recover. Feed them slop of bran, middlings, oil-meal and water and in it mix lime water once daily. Rub loins twice daily with druggist's soap liniment.

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## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### DAIRY IMPROVEMENT ASSOCIATIONS.

Dairy farmers are organizing. The plan suggested recently by an Illinois dairy expert—that of moving herds from "guessland to fact pasture"—is being approved of by dairy men in the corn belt by concerted action, as those who follow current events may have already noticed.

Wisconsin takes the lead generally in these matters for natural reasons. One of the first cow testing associations in that state was recently established and instigated through the efforts of a creamery. Under the rules adopted each patron is to provide himself with a milk scales, sample bottle, and preservative. The idea is to have the cow owner merely keep a record of the annual yield of each cow by weighing each milking and taking samples which will be submitted to the creamery operator for testing for butter fat. The plan will be watched with interest.

It is still news to many that a progressive northern Minnesota buttermaker has started a similar association. The members are patrons of the creamery and the purpose is to improve the herds of the members, indirectly increasing the

receipts of cream for the buttermaker. This too, is the first association of its kind in the state.

In the same spirit of improvement leading dairymen in Illinois, including representatives of different breeds and experiment station men recently gathered and formed a state improvement association. The purpose of this body differs from those mentioned before in that the prime object is to encourage the use of pure-bred sires on the herds of the state. It is not the intention, however, of promoting the interests of any one breed. The testing of cows is left to the individual members and in comparison to the need of pure-bred sires it was the general opinion that the testing of cows is more of minor importance, though of course fully essential to careful management. The importance of grading up a herd no doubt is given as little attention as the weeding out of boarders.

In all moves of this kind the creamery operator or buttermaker can exert a great deal of influence. As a class these persons are well posted and more progressive of dairy lines than the farmer. Much can be expected from these associations where the leader is a good manager. The difficulty to encounter will be the hesitancy of farmers to adopt new methods which will entail what appears to them to be more labor.

### Variation in Test.—Increases Returns When Made Into Butter.

To the Editor of The Homestead:

You submit to us the following inquiry received from a subscriber:

I wish to ask a few questions in regard to cream tests. Why is it when we sell cream we find our test running from 30 per cent to 50 per cent whereas when we make our own butter it yields from 70 per cent to 80 per cent?

Variations in test is, to the seller of cream, a somewhat perplexing problem. Not knowing its causes he is almost certain to lay the blame upon dishonest practices of the creamery-man. The wonder of it all, to the writer, is that the variation is not more than it is. Such a catechism as the following is a common thing when the question of variations in test of cream is being discussed by the producer and the creamery operator:

Q. You say you use the same separator?  
A. Oh, yes.  
Q. And you have not moved the cream screw?  
A. Have not touched it for six months.  
Q. How much rinsing water did you use?  
A. I don't know.

Ah, there is the cause. You probably use variable amounts of rinsing water and the test of your cream, of course, must vary. The correct solution of the difficulty and then again not correct.

What about the constant speed? What about constant temperature? The writer recalls an experiment conducted by students of his class where over 36 per cent variation was caused by a temperature range from 34 degrees F. to 103 degrees F. So many causes there are that the producer should be more alarmed because of constancy of test than because of ever present variability. Yet, there is before the writer a record of a patron whose cream test has not varied 2 per cent during the last three months.

The question has been asked, "Why is it that when we sell cream we find our test running from 30 per cent to 50 per cent, whereas, when we make butter it yields from 70 per cent to 80 per cent?" In other words, account for the variation in test, and the greater returns when made into butter. The first question has already been answered. The answer to the second is to be found in a knowledge of the composition of butter. Speaking generally we say that 100 pounds of butter contains eighty-two pounds of butter fat, two and one-half pounds salt, one and one-half pounds caseous matter and fourteen pounds of water. That is, if eighty-two pounds of butter fat contained in cream were churned and all recovered as butter you would have an increase of eighteen pounds. This, in the language of the creamery-men, is the over-run. Evidently the figures given in the question asked are but estimates. If we take 100 pounds of 30 per cent cream we have thirty pounds butter fat. If 70 per cent is returned as butter we would have seventy pounds of butter.

If the cream yields 50 per cent as butter fat and 80 per cent as butter, the over-run would be 60 per cent. Either of these percentages are far beyond the possibility of the most enterprising mak-

## "CHEAPEST" AND "BEST" CREAM SEPARATORS

More truly is the best the cheapest in the purchase of a cream separator than in the purchase of any other farm machine. The really cheap cream separator is the one which will perform your work in the most profitable and satisfactory manner, and last the greatest number of years. Basing the value of the separator upon durability, without considering quality of work, if it lasts but two years it is worth only one-fifth of what the separator is that lasts ten years, and one-tenth of what the one is that lasts twenty years. In addition, if it loses a large percentage of the cream and is difficult and expensive to operate its value is placed at even a still lower level. DE LAVAL cream separators are today admitted by every experienced user to do as near perfect work as a cream separator possibly can. Proof of this is seen in the fact that over 98% of the world's creameries and all the largest users employ the DE LAVAL exclusively. As to durability, the DE LAVAL has an average life of twenty years. The very best of other separators do not last over eight or ten years at the very longest, and the poorest generally become worthless in from six months to two years. At the same time these machines are incapable of doing good work except under ideal conditions, such as cannot possibly be had in farm use, otherwise they lose a large percentage of the cream, are hard to operate, and in reality are but little better than gravity setting systems. It is therefore seen how little the first cost of a cream separator really means. The cost in the end is what counts. All in all, considering dollar-for-dollar value, a DE LAVAL machine gives from five to ten times more true separator worth than any other machine on the market today. These are not mere paper claims, but facts, the proof of which can be had for the asking.

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Omega Separator Co., 35 Concord Street, Lansing, Mich.



er of butter. From 20 to 25 per cent is counted excellent work. A larger over-run than that would be to make a poorer quality and place a maker liable to fine and imprisonment for making unlawful butter.

The question in itself is good, in that it shows an inquiring mind. Much doubt and many questions as above would be readily answered in part by the asker if the producers of the country were possessed of a Babcock test. They would then be able to lay the blame at the proper door. A tester in the hands of an intelligent man would also be the source of some surprise to him, and in some cases, to the buyer of the cream and to some of the cows as well.

John Bower.

Dairy Dep't. Iowa Ag. College.

Do not neglect the spraying, no matter how rushing the work may be. The rot is a great enemy to the plum, peach and grape and nothing but effective spraying will prevent it. While applying the Bordeaux for this, it is little more trouble to add some arsenic for the insects. Paris green will do, a half pound to fifty gallons of Bordeaux for apple, pear and cherry; half that for peaches and plums. The strength of the Bordeaux must also be made in the same proportion for these trees as the copper sulphate or blue stone will also burn the leaves if applied too strong.

### Conner & Cochran Make Good Sale.

The sale of Short-horn cattle made by Messrs. M. T. Conner & S. J. Cochran, of Auburn, Neb., on April 30th, was quite a success, considering the very bad condition of the weather at that particular time. The bad snow storm kept a good many of the

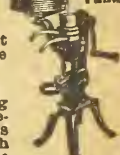
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## SCALES

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buyers away and the consequence was that some of the cattle sold away below their value. The top price was \$190, paid by Mr. Henry Kuper, of Humboldt, Neb., for No. 13 in catalog, a daughter of Merry Marshal, and having for her dam Flower Girl. This great cow is a straight Scotch animal and will make a good addition to the great herd now owned by Mr. Kuper. The great Scotch bull, Gloster Prince, went to Mr. F. E. Houston, of Brock, Neb., at \$150, and was one of the best bulls sold this year for the money. Below is a list of those selling for \$75 and over:

Lot 1, William Daly, Auburn, Neb. .. \$125  
Lot 2, A. M. Engles, Auburn, Neb. .. 75  
Lot 8, A. M. Engles, Auburn, Neb. .. 75  
Lot 12, F. E. Houston, Brock, Neb. .. 150  
Lot 13, Henry Kuper, Humboldt, Neb. .. 190  
Lot 14, Henry Kuper, Humboldt, Neb. .. 80  
Lot 15, Lyle Higgins, Auburn, Neb. .. 75  
Lot 17, E. H. Euhling, Falls City, Neb. .. 75  
Lot 25, A. M. Engles, Auburn, Neb. .. 90  
The average on the entire sale was \$65.

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## IN THE LIVE STOCK FIELD.

Mr. J. W. Pitman, of Lohrville, Iowa, has sixty head of spring Duroc Jersey pigs this year, together with a lot of fall stuff. He also has a lot of spring yearlings and these he will hold for future sale. His present crop is sired by his well-known herd boar, Young Advance, Orion Jr., Crimson Chief, Ohio Chief II. and two litters by another son of Ohio Chief. He has a splendid three-year-old daughter of Orion in the herd called Orion's Queen. She is out of Nebraska Queen by Red Chief, and she is one of the best daughters of old Orion now living. He sold a litter sister to her for \$205, and he has another litter sister to her in the herd. Mr. Pitman can spare one of his herd boars, Orion Jr., a good son of old Orion, also a few good sows at any time to anyone who may want them.

Mr. Harvey Johnson, of Logan, Iowa, one of the foremost and one of the most reliable Poland China breeders in the state of Iowa, has a nice crop of 110 spring pigs, mostly sired by J's Ideal, a son of the Nebraska State Fair winner, Expansion Sec. He has a splendid lot of fall sows and some good fall boars sired by J's Dude, his former herd boar, and also by Chief Tecumseh 4th. Among these fall boars are several that breeders could use at the head of herds. One of the best things we have seen in recent years on the Johnson farm is a yearling boar sired by J's Dude and out of Columbia 8th. Here is a boar among boars, not only bred right, but is right, and he belongs to the celebrated Columbia family. This boar has plenty of size and ample finish and he will pass the most critical inspection. Mr. Johnson also has two other good yearling boars on the farm. Should any of our Homestead readers want a boar it will pay them to write Mr. Johnson.

## SUTTON HERD OF DUROC JERSEYS.

A recent visit to the herd of Duroc Jerseys owned by Mr. Chas. Van Patten, of Sutton, Neb., found the spring pigs coming along fine. At the present time Mr. Van Patten has about 100 head mostly of March farrow and in few places have we been able to find as growthy a bunch of pigs as was seen here. They are mostly the get of Brooklyn Boy, a son of the great Keep On, and having for his dam Lady Advance by Advance. This young hog has proven a wonderful breeder as his get will show that are now on the farm and Mr. Van Patten considers them far ahead of anything that he was able to get from the many good purchases he made in the spring sales. The value of this young hog as a sire is sure to contribute much to the present standard of excellence of this herd. Reuben Lad, a son of Red Reuben, is a very promising fellow and Mr. Van Patten thinks enough of this hog that he will be seen in show shape at the state fairs this fall. He is very strong in those characteristics that have made the Duroc Jersey breed admired in the eyes of those who are interested in the economic production of the high class market hogs. The sows now in use in this herd are very strong in individual merit and as breeders they would be very hard to beat. Sows of great length, good depth and of great breeding quality, has always been Mr. Van Patten's hobby and it was he that bred the great sow Rosebud Lady, that sold in the Gilbert Van Patten sale last spring at \$1,575, going to the well-known herd of Henry Warren, of inland, Neb. One of the good sows of the herd is Red Lady II she by Red Reuben, dam, Sutton Lady, the show sow that Mr. Van Patten made a first prize winner at the Nebraska State Fair in 1902. This sow is raising a litter of ten good pigs by Brooklyn Boy. Mr. Van Patten made many good purchases at the good sales last spring and among them was Red Bird, a daughter of Red Chief I Am, who now has a fine litter by Medoc, a son of Kan't Be Beat. Another of the good purchases was a gilt by Red Chief I Am, who is now raising a good litter by Billy K.'s Model. This is only a mere mention of the many good sows in this herd and we can safely say to those who will be in the market for a good male pig this fall, that this would be a good place to put your order. Write him your wants and mention The Homestead.

## LAST CALL HARVEY &amp; SON AND WRAY &amp; SON'S SHORT-HORN SALE.

The last announcement of the dispersion sale of Short-horns to be held at Maryville, Mo., on Wednesday, May 29th, by Messrs. J. H. Harvey & Son, of Maryville, Mo., and B. F. Wray & Son, of Hopkins, Mo., will be found on page 24. It is in these dispersion sales that buyers get the advantage of having an opportunity to buy the best that good breeders have spent time and money gathering together. Of the forty-four lots, the larger part are the property of Messrs. Harvey & Son. Eleven of the offering are bulls. The thirty-three females are just such cattle as will go on breeding as they have done for these gentlemen and will make their new owners money. The bulls, of which mention was made last week, will be found good propositions, but have not been highly fitted. Both gentlemen sell their herd bulls on a Duchess of Gloster that has been used by Messrs. Harvey & Son for two years, giving excellent satisfaction as a breeding bull. Among the females is the Cruickshank Victoria, a cow, Scottish Victoria, listed as Lot 2. She is just two years old, was got by Gallant Son, a pure Cruickshank bull tracing to Imp. Gladiolus by Pride of the Isles. Her dam, Violet Rose Victor, was got by the Bellows-bred bull, Scottish King. Then follow such sires as Red Victor, Commander, Imp. Julius, Roan Gauntlet, etc. Individually she is one of the good ones, a fine red and a thick, meaty young cow, due to calve by sale day to the service of Messrs. Harvey & Son's Scotch herd bull, Baron Gloster. Her dam, Violet Rose Victor, is listed as Lot 3. She sells with a six-months-old calf at foot by Baron's Gloster, and is in calf since December 26th to the service of the same bull. No better-bred Victorias are found, and both are the kind that prove valuable investments. A Cruickshank Sybil, Longbranch Sybil 4th, is listed as Lot 4. She was got by Victoria Baron, a Cruickshank Victoria bull, that is considered one of the best of this tribe. She is a good roan, a low-down, easy-keeping cow, and sells with a good red roan bull calf at foot and is in calf since January 19th to Baron's Gloster. A Scotch Miss Ramsden is listed as Lot 5, Lady Aberdeen 2d. She was got by

Columbian Lord, a pure Scotch bull got by the Secret bull, Sovereign Lord. Her four-year-old daughter got by Capt. Ramsden is listed as Lot 6. Among the Scotch-topped sorts that have given such good results in Messrs. Harvey & Son's herd is the four-times Scotch-topped Young Mary cow, Elsie's Darling, a three-year-old cow got by the Gerlaugh bull, Morning Flash, a Missie bull that was got by Imp. Sittytton Flash. Scotland's Crown, one of the best breeding bulls in Missouri, Prince Rupert and Victoria Baron are the four top sires. Messrs. Harvey & Son purchased this young cow at the Bellows Bros. sale in 1905, paying over \$200. She calved Sept. 3, 1906, to the service of Good Choice. The calf is a fine roan bull and an individual fit to head any herd, he being a low-down, easy-keeping fellow, true in all his lines. Lot 9, Gloster's Lavender, is a pure Scotch Duchess of Gloster got by Imp. Lavender Champion, a Duthie-bred bull. Nine pure Scotch bulls follow in her pedigree and all were bulls that made reputations as sires of good stock. In Highland Gem, listed as Lot 10, buyers will find a double decker got by the prize winner, The Lad For Us, he by The Lad For Me, Messrs. J. G. Robbins & Son's great show and breeding bull. She sells with heifer calf at foot, Oxford Belle, her two-year-old daughter, got by Gloster's King 2d, is listed as Lot 11 and is a promising young brood cow. The entire lot of mature females in Messrs. Harvey & Son's herd are cattle selected by them with the idea of building a herd second to none. They would not be offered, but other business compels them to let the cattle go. Messrs. Wray & Son have not been in the business so long, but they started with some very useful stock, among which is the Imp. Beauty cow, 4th Valley View Beauty, got by Valley Knight. She is a mixed Scotch and Bates-bred cow, a red and a good producer. Her three-year-old daughter, got by Rosemont, a C. C. Norton-bred bull, is listed as Lot 25. She sells with heifer calf at foot by Baron's Gloster. Rosegold 3d by the same sire and of the same family sells with heifer calf at foot by Baron's Gloster, Messrs. Harvey & Son's herd bull. This pair should be appreciated and especially so as the heifer promises to make a grand cow. Messrs. Harvey & Son and Wray & Son are offering an exceptionally useful lot of cattle, but do not expect fancy prices and buyers who take their cattle will get stock that will do good. If you have not received a catalog write for one at once and arrange to attend the sale.

## ALLEN'S MULBERRY GROVE HERD.

A representative of The Homestead recently passed the time of day with Mr. H. S. Allen, of Russell, Iowa, one of the foremost breeders of Durocs in the state of Iowa. Mr. Allen has never failed to land on both feet and his winnings at the World's Fair and the Iowa State Fair have won for him an enviable reputation as a breeder of red hogs. At the head of the Mulberry Grove herd stands two herd boars whose reputation in the leading show rings and as sires have won for them a place among the foremost sires in the state. Crimson Wonder Again, the first-prize and sweepstakes boar at the Iowa State Fair, and Top Notcher Again, the World's Fair boar, share the honors of herd boars in this herd. Crimson Wonder Again is a son of Crimson Wonder I Am, also a first-prize and sweepstakes Iowa State Fair winner, and here is the first instance at this great show in Duroc Jersey classes where a son of a sweepstakes winner came out and repeated the performance. As a sire Crimson Wonder Again has come up to expectations, and he has some splendid pigs to show what he is doing as a sire. While looking over the Allen herd we saw daughters of Crimson Wonder Again that would be good in any company. It will be remembered that he was bred to Ohio Belle, the \$2,000 gilt that Mr. Sam Murphy sold last winter. Mr. Allen has some good pigs to show by him again this year. Top Notcher Again has also been used very liberally and his reputation as a sire is well sustained. This boar has been a proven sire for the past few years and Mr. Allen has sent out some of his get that made good reputations for themselves in other herds. With these two boars at the head, breeders can well expect some good things to come from the Allen herd again this year. Just now Mr. Allen is offering a few good sows for sale bred to Crimson Wonder Again for fall litters, and he has a few choice fall boars for sale sired by Top Notcher Again. These sows that Mr. Allen offers for sale are nearly all sired by Top Notcher Again and bred to Crimson Wonder Again certainly make them desirable enough to go into any herd. Should any of The Homestead readers want one of these they had better write Mr. Allen at once. He is pricing these right if taken soon, as he wants the room and has more now on the farm than he cares to take care of. His spring crop of pigs number 125, besides a lot of fall stuff. Write Mr. Allen or go and see these sows and boars. See page 21.

## TEEL'S SHORT-HORN SALE—LAST CALL.

The offering of Short-horns which Mr. Walter Teel, of Rushville, Ill., is offering at public auction at the breeding farm, on Friday, May 31, will please the buyer who is in the market for the dual purpose type. This herd, founded by the late Jas. A. Teel, has been conducted along these lines for many years, and those who have been customers in the past will find this offering in keeping with the general excellence of former sales. The breeder who is in the market for a good Scotch bull will find in Cherry Grove Banff 3d, one of this sort. Many of the calves which sell with their dams in this sale are sired by this bull, so that those present sale day will have an opportunity to see how this bull breeds. He was sired by the noted show and breeding bull, Imp. Lord Banff, now in use at the head of the well-known herd of Short-horns, owned by Mr. Milton E. Jones, of Williamsville, Ill., and his dam was one of the best cows in the herd, being sired by Imp. Cupbearer. Mr. Teel would not part with this bull, but has two crops of calves in the herd and can no longer use him to advantage. This is an opportunity that breeders should not overlook. The females are in good, thrifty condition. Every one of breeding age is either safe in calf or has calf at foot. We wish to call attention to some of the females to be sold. Orange Blossom 5th is a daughter of Imp. British Prince, (a good likeness of this

bull appears on another page of this issue) a bull used in this herd with very good results, and his dam, Marmion, was got by Marmion, another bull which the late Jas. A. Teel, used in the herd. Orange Blossom 5th is due to calve before sale day to the service of Cherry Grove Banff 3d, and should prove a valuable cow in any herd. Lady Cruickshank 6th by Marmion, is a cow of great scale, smoothness and quality. She has been a valuable breeder in this herd, and will meet with the approval of those present sale day. Princess Orange Blossom is a three-year-old daughter of Imp. British Prince and is out of Schuyler Orange Blossom 3d. Orange Blossom 4th by Marmion, is the mother of two of the attractions of this sale. She is heavy with calf to the service of Cherry Grove Banff 3d, and is one of the attractions of the offering. Schuyler Orange Blossom 3d is also the dam of one of the best heifers in the auction. She has been a valuable breeder and is only placed in this offering as an attraction. Schuyler Rose 23d is an attractive proposition. She was got by Marmion, and out of Schuyler Rose 18th. This family have been very reliable breeders in the herd, always producing good calves. Individually this cow is of the deep, wide, low-down, thick sort, that find ready sale at any time. There are listed in this sale ten two-year-old heifers by Imp. British Prince, that will prove attractions in any herd. Mr. H. G. Teel consigns ten head to this sale, including his herd bull, Cherry Grove Banff 5th. This young bull is also the son of the noted Lord Banff, and is in good condition to be used in some good herd. The females which Mr. H. G. Teel included in this offering are of the Orange Blossom, Michigan Casket, Umattila and other noted families. They are sent forward in good breeding condition, but have not been pampered. There never was a time in the history of the breed when dual purpose Short-horns were in as much demand as now, and this offering is made up of cattle which will suit the buyer in search of this type. The Teel herd has long been noted as being one of the representative dual purpose Short-horn herds of this country, and we are sure that this offering will find favor with the breeders and farmers who are in the market for this class of Short-horns. The catalogs are out and will be sent to all who write for same as per the announcement on last page of this issue. Plan to be present at this sale and mention this paper when writing.

## LIEBHART HAS GOOD CROP OF DUROCS.

There is not one thing that gives us better hope for the future of the pure-bred stock industry than to find a new breeder who has launched in the business with a full conception of what requirements are embodied in the successful breeder. It is not an uncommon thing to find those newer converts to the business striking along ill-defined lines without the least idea of what is necessary to be done in the care and mating of pure-bred animals in order that successful and satisfactory results may emanate. It was the pleasure of a Homestead field man to visit recently the well-kept farm of Mr. Chas. Liebhart, of Marquette, Neb., where is to be seen one of the very good herds of Duroc Jersey hogs in this section of Nebraska, and this in view of the fact that Mr. Liebhart is not of the older breeders. To be sure he has been breeding Durocs for about two years, but the quality and character of his herd would indicate that he had been in the business for a much longer term than this. We are absolutely surprised to find there so many individuals of such outstanding excellence. At the head of this herd is Echo Wilkes, one of the most promising young boars we have had the pleasure of looking at this year. He is a son of Beauty Wilkes and having for his dam Lulo Girl, the sow Mr. Van Patten, of Sutton, Neb., showed with much success in 1904. This boar is very large for a yearling and carries an even width from end to end that you seldom find on a boar. He has great depth of body, a good head and ear and an extra good bone. The present crop of pigs now on the farm by him show up exceedingly well for him as a breeder. He is assisted in service by I Can Win, a son of the great breeding boar, Medoc, he by the \$6,000 Kan't Be Beat. His dam was Miss Advance by Advance, she being a litter sister to Proud Advance. The breeding of this boar is too well known to need any explanation and his value as a sire has contributed much to the present standard of excellence of this herd. Most of this year's crop of pigs are by this hog and among them we find individuals that have a right to make winners. Mr. Liebhart offers this great boar for sale at a very reasonable figure and anyone wishing a boar of good breeding and a proven sire should come and look him over. There is a very strong bunch of sows now on this place, of which we will make mention in a later issue. If you are in the market for a good boar or would like to place an order for a spring male write Mr. Liebhart, as he can supply your wants. When writing please mention The Homestead. See page 17.

## KUPER'S HEAVY MILKING SHORT-HORNS AT AUCTION, MAY 28TH.

We wish to make special mention of some of the great Scotch and Cruickshank cows to be included in the sale of Short-horns, to be held at Humboldt, Neb., on May 28th. This sale will surely be the breeder's opportunity to buy some breeding stock that is not only right individually, but that has the breeding so much sought in Short-horn circles. In order that he might make his sale the more attractive, Mr. Kuper has gone into his breeding herd and without fear or favor, selected therefrom those cows that have proven his best and most profitable producers. In saying this the writer speaks advisedly as we have known this herd almost since it was founded and in this way have become acquainted with the cows in the herd that have made good. As a partial verification of the splendid milking propensities of his cows Mr. Kuper offers one with a splendid milk record and we aver that there are several others in the offering that if tested out would make just as good a showing as is accredited to Scottish Daybreak whose pedigree and likeness are exhibited on another page in the advertisement. For instance there is Prophetess that is a most wonderful producer. We have known this cow and her produce for some time and it would be a sore trial upon us to find one that we could more heartily recommend, taking her

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I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

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One and Two Years Old.  
THESE goats can be used for brushing and then fed and sold for mutton. Come and see me or write. Address, WYATT CARR, Collins, Iowa. Farm 3-4 mi. from depot. Phone 44

breeding, individuality and past record as a producer as measures of excellence. Mysie Grace is another that deserves especial mention. This cow has suckled a pair of twin bull calves during the past six months that are the very best possible evidence of her ability to produce the good kind and raise them. When a cow raises two as growthy and as good calves as this cow raised during the past six months there is little left to be said but good of her. And there are many others. It will be noted that one-half of the offering is of straight Scotch breeding, and not only this but they are of Cruickshank breeding. The offering throughout will be brought into the ring in the very nicest of breeding condition. Since locating on his new farm adjoining town, Mr. Kuper has labored under the difficulties that are common under any such change, but he has given his cattle good attention and has developed a strong demand, the large part of which he can ably supply from his deep-milking cows. This strong demand for milk will the more encourage the tendencies to strengthen the herd along this line. Besides the mature cows, there will be a line of beautiful red heifers, mostly sired by the Cruickshank bull, Baron Sumrise, whose pedigree was published in last week's issue. Nearly the entire offering has been mated with the new Scotch bull, Secret Baron, whose pedigree was also published last week. This young bull is a good one of the first water. He has been bred in the richest lines and descends through a line of sires and dams whose names are known throughout the entire world of Short-horn popularity. This young bull is a fit descendant of such noble ancestry and we believe that anyone buying a female bred to him will be highly elated with the results of the mating. We urge our readers to procure a catalog of this sale and mention this paper when you do so. See advertisement on page 19.

## Good Roofing Cheap.

The cost of shingles nowadays is very great and many people are using Rubber Roofing instead. The Century Mfg. Co., of East St. Louis, Ill., are offering Century Rubber Roofing at very low prices. This makes a splendid roof. It is made of the highest grade of Wool Felts, is absolutely weather and water proof, does not crack and outlasts shingles or metal roofing. This roofing can be laid over shingles. Nails and cement are furnished with the Roofing and anyone can put it on. See the advertisement on page 4 and write the Century Mfg. Co., Dept. 769—R., East St. Louis, Ill., for particulars and prices.

## Her Advertising Paid.

Mrs. O. W. Thomas, of Manchester, Iowa, a breeder of Wyandotte chickens, in sending in copy for an advertisement under date of April 30th, for her silver Laced Wyandotte eggs, says: "Advertising in The Homestead and its associate papers has given me excellent sales."



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

### Brought Excellent Results.

"I have sold a nice lot of eggs from advertisements in The Homestead," writes Mrs. C. P. McLochin, of Gray, Iowa. "It is one of the best mediums I know of for selling poultry and eggs."

### POINTERS.

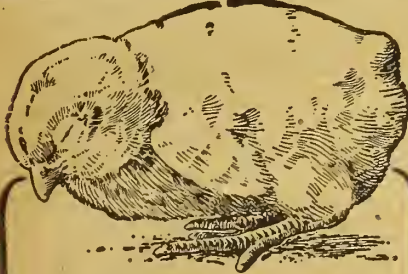
—Buff Plymouth Rock eggs are offered for sale by Mrs. Grant Hockett, of Manning, Iowa.

—Colored Muscovy duck eggs are offered for hatching, on this page, at prices that should bring orders. Your wants in this line will be supplied by Mrs. T. W. Glass, of Sac City, Iowa. Kindly refer to The Homestead when ordering or making inquiry.

—Eggs from high-scoring pens of Silver Spangled Hamburg, Rose and Single Comb Brown Leghorns are offered by Mr. Edwin Dooley, of Selma, Iowa. Kindly refer for prices to the advertisement on this page. Those answering this offer will confer a favor to both this paper and the advertiser by mentioning The Homestead.

—Mrs. Nelson Hyde, of Manson, Iowa, advertises Rose Comb Brown Leghorn eggs that are guaranteed to hatch a satisfactory number of chicks. For prices, which are very reasonable, see this page. Kindly refer to The Homestead in any correspondence regarding this offering.

—A guaranteed cure for rump and cholera is advertised on this page. Agents are now wanted to introduce these remedies among poultry raisers and samples may be obtained on request. The maker of these remedies offers nice, pleasant employment and states that no canvassing is necessary. Write for sample and full particulars of the offer to the Walker Remedy Company, Lamoni, Iowa. Mention The Homestead when writing.



## Lice Kill the Chicks

That sleepy-acting chick is infested with lice. Act promptly or you will lose the whole brood. Dust each chick with a very little Instant Louse Killer, and dust the hen thoroughly. When you next set a hen, do not fail to dust both hen and nest with this wonderful insecticide.

## Instant Louse Killer

is sure death to lice on poultry, horses, cattle, ticks on sheep, bugs on cucumber, squash and melon vines, cabbage worms, slugs on rose bushes, etc.; and is also a reliable disinfectant and deodorizer. Comes in convenient shaker-top cans and being a powder may be used winter or summer with equal convenience. Sold on a positive written guarantee. Be sure to look for the word "Instant" on can as there are many imitators.

1 lb. Can 25 cents } Except in Canada  
3 lb. Can 60 cents } and extreme  
west and South.

If your dealer cannot supply you, we will forward 1 lb. can by mail or express for 35 cents prepaid.

Manufactured by

**Dr. HESS & CLARK**  
Ashland, Ohio.

## Save the Chicks



Don't let your chicks die from Bowel Complaint. Don't let Cholera and other diseases cut down your poultry profits.

### GERMOZONE CURES

Bowel Complaint, Cholera, Roup and other poultry diseases. Germozone goes immediately to the seat of the trouble. A teaspoonful in the drink will prevent disease and keep your fowls healthy. Price 50 cents. Write today to GEO. H. LEE CO., Omaha, Neb. Write for free book, or 1907 Egg Record, free.

### LEGHORNS.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting. \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

## S. C. WHITE LEGHORNS

I CAN now furnish carefully selected eggs for hatching from the famous Wyandott and Bluff strains of White Leghorns. Write for prices. Satisfaction guaranteed. L. E. Brown, Richland, Iowa.

ROSE Comb Brown Leghorns, exclusively. Eggs from stock scoring 92-93½ by Shellabarger, \$3.00 per 15; \$5.00 per 30. Scoring 90-93½, \$1.50 per 15; \$2.50 per 30. Farm flock, \$1.00 per 15; \$2.00 per 30; \$3.50 per 100; \$6.00 per 200. R. R. Stewart, Charles City, Iowa.

ROSE Comb Brown Leghorns, exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmond, Iowa.

SINGLE Comb Brown Leghorns, Kulpstrains, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Medford, Iowa.

S. C. B. LEGHORN EGGS Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Anthon, Iowa.

ROSE Comb Brown Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. I pay express charges. D. W. Nickerson, Marble Rock, Ia.

ROSE Comb WHITE LEGHORNS Eggs, thirty for \$1.50; \$4.00 per hundred. M. T. McEvoy, Emmetsburg, Iowa.

ROSE Comb Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty, \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

ROSE Comb White Leghorns. State Fair prize winners, eggs 75c per 15; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa.

Rose Comb Brown Leghorn eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Charlesville, Ia.

SINGLE Comb BROWN LEGHORN Eggs, 75c. per 15, \$1.25 per 30. Address, Collins Brothers, Viola, Iowa.

SINGLE Comb White and Brown Leghorns. Each variety on separate farm. Eggs 60c per 15; \$2.50 per 100. Address: George F. Blake, Maquoketa, Ia.

FOR SALE—Single Comb B. Leghorn eggs, 75c. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manilla, Iowa.

MY ROSE COMBED WHITE LEGHORNS are state fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Manson, Iowa.

EGGS that hatch. Rose Comb Brown Leghorns. \$2.50, \$2.00, 100, \$3.50. Satisfaction guaranteed. Mrs. Nelson Hyde, Manson, Iowa.

### LANGSHANS.

## Phillips' Black Langshans

EGGS for hatching from three grand matings. Pen No. 1, scoring from 94 to 96, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 2, scoring from 94 to 96½, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 3 has farm range, scoring from 92 to 95, eggs \$2.50 per 15, \$4.00 per 30, \$10.00 per 100. Write for free circular.

### C. W. PHILLIPS,

New Sharon, : : : : Iowa

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa

BLACK LANGSHAN eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

PRIZE-WINNING Black Langshans exclusively, scoring to 91½. Dubuque, 1907. Eggs, 13 for \$5c; 25 for \$1.50. W. W. Buskerville, Earlville, Iowa.

### WYANDOTTES.

## White Wyandottes Exclusively.

EGGS, \$1.50 per 15 or \$2.25 per 30. Our flock is free from brass, are of good size and shape. I guarantee 10 chicks to hatch or eggs will be replaced at full price. Orders filled promptly. Address, A. J. PODENORE, LOGAN, IOWA

WHITE WYANDOTTES, standard bred. Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

TWO GRAND PENS Of Buff Wyandottes, Bred and both strains. Eggs \$1.50 and \$2.00 per 15. Clarence McClellan, Lowden, Iowa.

WHITE WYANDOTTE EGGS, \$1.25 per 15, \$2 per 30, \$5 per 100. Hens score 95 to 96½. Address, Mrs. L. M. Estes, R. 2, Audubon, Ia.

SILVER LACED WYANDOTTE EGGS 15 for \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

### BRAHMAS.

OTTUMWA Poultry Yards—Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

LIGHT Brahma Eggs, 15 for \$1.00; 45, \$2.50; 100, \$4.50; from stock scoring 90 to 93½; Peck and Mammoth strains. J. G. Goddard, Deep River, Iowa.

LIGHT BRAHMAS Eggs at 50c a sitting. \$1.75 for 50 and \$3.00 per hundred. Address: Mrs. J. M. Dries, Ashton, Ia.

LIGHT Brahmas bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

### COCHINS.

PARTRIDGE COCHIN Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; Inc. cy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

### DOGS.

## DOGS FOR SALE

AND ALL kinds of pet and live stock. Send 10 cents for six-page descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, Pa.

## PLYMOUTH ROCKS. 25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN, ALTA, IOWA

## 219 EGG STRAIN BARRED ROCKS

MY winnings show their quality as to fancy and utility. At Winterset Show in Dec., won 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213th, 214th, 215th, 216th, 217th, 218th, 219th.

W. A. HARTMAN, Iowa.

## EVERGREEN LAWN FARM

M. HUMMEL, PROP., MONROE, IOWA

BREEDER of monster B. P. Rocks for 24 years. Yards headed by Iowa State and Jasper County. First prize winning stock, scoring 91 to 93 points, weighing 11 to 13 lbs. We won 1st and 2nd prizes at the Jasper County Fair and at the Central Poultry Show at Monroe. Eggs, \$1.50 per 15; \$2.50 per 30. Eggs guaranteed fertile. Prompt shipment.

## STRATER BROS., MONROE, IA.

BREEDERS of Exhibition Barred Plymouth Rocks exclusively 23 years. Yards headed by prize winning cockerels. At the Central Poultry Show we won 1st, 2d, 4th and 5th cockerel; 1st on pen and the largest number over standard in weight. Eggs \$1.00 per 13, \$2.00 per 30. Raise the kind that weigh and win. Eggs guaranteed fertile.

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, Montezuma, Iowa

NEAR Lawn Poultry Farm. 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93. Males score from 90 to 93½. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$5 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

BARRED Plymouth Rocks exclusively. Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

## BARRED PLYMOUTH ROCK EGGS.

FOR SALE—75c for 15; \$1.50 for 30; \$5.00 for 100. Flock is headed by 90½ point cockerel. Address, J. M. JANSSEN, Sibley, Iowa

P. O. Box 627, R. R. 3, Sibley, Iowa

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, Portsmouth, Ia.

## BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers. \$1.50 per 15 eggs. Twenty years a breeder.

J. L. SLICK, LANARK, ILL.

B. P. ROCK EGGS From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cks. and cks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners, sired by state show prize winners; females 7 to 11 lbs. Reduced prices, \$1 per 15 eggs; \$1.50 per 30. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

## Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks. From which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harbin, Iowa.

## Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Reese, Prescott, Iowa.

WHITE Plymouth Rock eggs, Fishel strain, 26 eggs for \$1.25, 50 for \$2.25, 100 for \$4.00. Extra good flock, score up to 94 points, farm range. Address, Mrs. O. J. Early, Bristow, Iowa.

BARRED P. ROCK Eggs for hatching from Plymouth Rock stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

BARRED Plymouth Rock eggs. Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

EGGS FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

BARRED PLYMOUTH ROCK EGGS FOR SALE. Bradley Bros. and Judge Norval stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

P. R. eggs for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

BUFF P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa

BARRED Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa

BARRED Plymouth Rocks exclusively. Eggs from large, vigorous, well barred birds, 15, \$1; 50, \$2.50; 100, \$4.00. Arthur White, Red Oak, Iowa

WHITE PLYMOUTH Rock eggs from extra fine laying strain. \$1.00 for 15; \$1.75 for 30. Elmer E. Cary, Delaware, Iowa

BARRED Plymouth Rock eggs of Bradley and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

BUFF Rock eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Rink & Son, Shelby, Iowa.

### DUCKS.

COLORADO Muscovy duck eggs, \$1.25 for eleven. Mrs. T. W. Glass, Route 4, Sac City, Iowa.

### ORPINGTONS.

## Mike's S. C. Buff Orpington Ranch

EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 91. 15 eggs \$2, 25 \$3; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2. Sire of male birds of above Pens was imported from England. Write for circular. M. S. Hellmud, Slater, Iowa.

GOLDEN S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.75 for 25. A. LeVeve, Earlville, Iowa

### MINORCAS.

PURE BRED Single Comb Black Minorca eggs, 15 for \$1, 30 for \$1.75, 45 for \$2.50, 100 for \$5. Last year's stock at reasonable prices. Nick Loewen, successor to Fitzsimmons & Loewen, Lawler, Iowa.

### MISCELLANEOUS.

PHASANT, Duck, Geese, Brant & Chickens Egg. VARIETY. NO. PRICE. VAR. NO. PRI.

Wild geese, 7, \$3.00. PHASANTS Wild Mallard duck, 13, 3.00. Golden, 13, \$5.00. Bar'd Rock Hens eggs, 13, 1.50. Silver, 13, 5.00. White " " 13, 1.50. Eng. R. Necks, 15, 3.00. Wild White Brants, 7, 3.00. L'y Amherst, 7, 5.00.

Address, DEER LAKE PARK, SEVERY, KAN.

## White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scored birds. White Holland turkey eggs \$2.50 per 11, Barred Plymouth Rock eggs \$1 per 15. Mrs. Jessie Teale, Route 4, Lamoni, Iowa

## Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahmas and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address, Mrs. J. C. Webber, Montezuma, Iowa

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks. Silver-laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

## EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-H Audubon, Ia.

## EGGS FOR HATCHING

FROM prize winners at reduced prices. M. B. turkeys, \$3.00 for 10 eggs. B. P. Rocks, \$1.25 per 15. Pekin ducks, \$1.25 for 12. Eggs fertile.

C. M. Crinstead, Mitchellville, Iowa

EGGS For Sale—Bronze turkeys, Barred, P. Rocks, White P. ducks. Choice matings. Bronze turkeys, 30c each, 11 eggs for \$3; B. P. Rocks, Shellabarger strain, breeding pens, \$1.25 per 15, 30 eggs for \$2; farm range Rock, 30 eggs for \$1, \$2.75 per 100; W. P. ducks, 22 eggs for \$1.25, \$1.50 per 100. Circular free describing my matings. M. V. Leeper, Redfield, Ia.

Mammoth White Holland Turkeys, Large Pekin Ducks, Barred Plymouth Rocks.

EXTRA large high-scoring prize-winners. 10 turkey eggs, \$3; 10 duck, \$1.50; 13 Barred Rocks, \$1.50

FRED POST, MOULTON, IOWA

EVERGREEN POULTRY FARM, MARATHON, IOWA EGGS at reduced prices after May 15. B. P. Rock eggs, free range, 30 eggs \$1.00 or \$3.00 per 100 eggs; yd. 1 ckl. mating; yd. 2 pullet mating each yd. headed by a prize winning ckl; eggs either yd. \$1.25 per 15 eggs; Pekin duck eggs, \$1.00 per 12 eggs. Orders filled promptly. Write, Mrs. Silas Cobb, Marathon, Ia.

STANDARD AND UTILITY—Barred Rocks, Lt. S. Brahmas and Silver Laced Wyandottes. Eggs, \$1.00 per 15; \$2.50 per 50. Special matings of Light Brahmas and Barred Rock cockerel matings, \$1.50 per 15. Wm. Michael, Box 130, Lawler, Iowa.

BARRED ROCK EGGS 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Bine barred, Ringlet strain, scoring to 92. Also M. B. turkey eggs, Missouri King and Giant strains. Prize winners, scoring 98, \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

BARRED PLYMOUTH ROCKS Single Comb Brown for hatching. Thompson



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

Although country clubs were not so well represented as I had hoped for at the "Twelfth Annual Meeting of the Kansas Federation of Women's Clubs," I am persuaded that many women in the country are interested in the club movement and that many will be interested in a little talk about this gathering of club women.

In the first place, it is of interest to know that the Kansas Federation of Women's Clubs represents over 7,000 women. This does not mean that there are only 7,000 club women in the state, but that this number of women believing that "union is strength" have federated, trusting thereby to be a greater force for good than they could hope to be standing alone.

Time may have been when intellectual, studiously-inclined and public-spirited women neglected their personal appearance. That time is evidently passed. The ladies in attendance at the twelfth annual meeting of the K. F. W. C. were as fine a looking company of women as one could wish to look upon. Some of these Kansas club women are notably handsome; the majority is decidedly intelligent looking, and almost all were becomingly appareled. Oddly enough, although clothes had not been neglected at all, clothes seemed of no consequence. There were all kinds of dressing from skirts and shirt-waists to "confections" of voile and silk and lace, but the simply gowned woman received as much consideration as her sister who wore an elaborate costume. At a federation meeting it seems to be the woman herself, her brains and her manners, not her wardrobe or her social position, which counts.

The Kansas City meeting occupied several days; the first and the last were given up to social functions, the three between to long programs teeming with good things.

The first day's meeting was devoted to speeches of welcome and reports from the various district and city federations and from special clubs. The speeches were charming, bringing as they did, their very best from women whose best stands for culture of the highest type. My heart swelled with pride for my sex as those women talked; it kept on swelling as report after report was presented. These club reports revealed unmistakably that the club movement has a tremendous hold upon the women of Kansas, and that the scope of the Kansas club movements is worthy of the highest ideals of the state.

It is both astonishing and inspiring to learn what Kansas club women have done and are doing. Some clubs think only of studying to become more intelligent, more attractive, more useful as individuals. This is all praiseworthy, but the end of self-culture should be social service; many clubs have made and others are making this beautiful discovery, and these seek to serve the home, the school, the community and society.

I love literature and music and art; I am a firm believer in their power to ennoble and beautify life, but, much as I enjoyed the programs devoted to pictures and music and talks about books, I think those which give me the highest pleasure, and are likely to do the most good, were not these, but those which drew attention to "The Call of the

Child," to "Our Public Schools and What Club Women may do for Them," to "Forestry Work and Its Benefits to the Community," to "The Kansas Pure Food Law," to "Civic Improvement—a Woman's Problem," to "Civil Service Reform as Applied to Charitable Institutions."

It is inspiring to learn from things done and things proposed that the horizon of the club woman is broadening all the time, that from being interested in herself, her child, her home, her place of abode, she is becoming interested in other people, other children, other homes, and that she is showing her altruism by working for kindergartens and manual training in connection with our schools, for public libraries and public parks, for pure food legislation and for better laws for the protection of wage-earning women and children.

Club women taken on the whole are a splendid body of women, high-souled, broad-minded, well-mannered, but in so large a body there are some who have not learned to love the highest, to sink self, and to work for the good of all rather than the gain of the few. The public is prone to judge women's organizations by unpleasant happenings precipitated by a few women who leave no stone unturned to secure place and power. While this is inevitable, it is both unfair and unfortunate. Still it is not an unadulterated misfortune. Thoughtful women, knowing that much is expected of them, and that they are being watched by critical eyes, unconsciously hold themselves more strictly to high ideals than they might otherwise do. May we not trust that these women will gradually leaven the whole body and bring about a fixed standard of single-heartedness and high endeavor for all organizations of their sex? I believe we may, and when the sky is black with clouds, for me the star of hope does not cease to shine.

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

Are you worsted in the fight?

Laugh it off.

Are you cheated of your right?

Laugh it off.

Don't make tragedy of trifles.

Don't shoot butterflies with rifles—

Laugh it off.

Does your work get into kinks?

Laugh it off.

Are you near all sorts of brinks?

Laugh it off.

If it's sanity you're after,

There's no recipe like laughter—

Laugh it off.

(The Late Henry Rutherford Elliot, in the November Century.)

## A RHYME FOR THE CHILDREN.

How do robins build their nests?

Robin Redbreast told me.

First a wisp of yellow straw

In a pretty round they lay;

Then some shreds of downy floss,

Feathers, too, and bits of moss,

Woven with a sweet, sweet song,

This way, that way, and across;

That's what Robin told me.

Where do robins hide their nests?

Robin Redbreast told me.

Up among the leaves so deep,

Where the sunbeams rarely creep.

Long before the winds are cold,

Long before the leaves are gold,

Bright-eyed stars will peek and see

Baby robins—one, two, three;

That's what Robin told me.

—Little Funny Folks.

## GETTING RID OF ANTS.

Ants like dry quarters, and if the safe or refrigerator is surrounded with wet carpet for a day or two, the ants will leave. It is a good idea to spray the cupboards with a strong solution of carbolic acid, afterwards washing with strong borax water. To place pans of burning sulphur in these haunts where cupboard pests like to remain, will also drive them away, kill them and destroy their eggs. Tansy boiled in water and sprinkled on the shelves is a splendid thing to prevent them from inhabiting places. Dirty shelves are very inviting to these hungry little eaters, and a cupboard must be spotlessly clean or ants will survive some of the worst treatment to destroy them.

## HINTS ABOUT PILLOWS.

Not only should the outside pillow-tick receive a good airing and washing if necessary, but occasionally the inside feathers should have the benefit of a purification of the same kind.

You can freshen the pillows if you will beat out all dust, rip one corner, pour in one cup of hot water, sew up, then shake and pound well and pin on the line in the sun.

Some housekeepers use pillows with ticks decidedly soiled, because they dread the bother of emptying the ticks to wash, but this should be done as soiled pillows are unattractive and the sooner they are washed the less trouble it will be. To wash the pillow tick, shake the feathers into one end; then rip open the other end and baste to a stout pillow case, then shake all the feathers into the case before removing the pillow tick. Wash the tick perfectly clean, then boil and rinse it and put a little starch in the blueing water, then put the feathers back in the same manner in which they were taken out.

If both tick and feathers must be washed, put the pillows in a strong suds to



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Simpson-Eddystone  
Shepherd Plaids

Beautiful and economical for Spring and Summer dresses. Some designs have a new silk finish. They wash without fading and they wear long because their quality is standard — never equaled in over 60 years.

Ask your dealer for Simpson-Eddystone Shepherd Plaids.

Three generations of Simpsons have made Simpson Prints.

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which a tablespoonful of ammonia has been added and rub the pillow on the board as if washing clothes, then rinse through several waters and squeeze and press as much of the water out as possible. Hang the pillows in the shade to dry and it will require three or four days.

It is well to go out several times a day and beat the feathers and shake them thoroughly, then when dry give the pillow a good beating up and it will be clean and light, and will seem to have about twice as many feathers if the cleaning and drying have been carefully done.

## COCOANUT PIES.

Here is a delicious recipe for making coconut pies. First make the shells by covering the bottom of a pan with the dough instead of lining the inside of the pan. This makes a deeper crust. As the dough makes little blisters over the bottom of the pan, do not push the dough down on the pan, but run the tines of the fork through the places to let out the air. This makes the crust light and flaky. For the custard, use three eggs, one quart of fresh milk, three tablespoonfuls of cornstarch, one teaspoonful butter, one tablespoonful of vanilla. When the mixture has been boiled in a double boiler, add half a cup of shredded coconut and cook for five minutes. Fill the pie crusts with this pudding and cover the tops with the beaten whites of the eggs, which have been scalded on top of the boiling milk. Sprinkle lightly with sugar and coconut, put in the oven to turn a rich golden color, which takes only a few seconds.

## NUT LAYER CAKE.

Cream half a cup of butter. Add gradually one cup and a half of sugar, then half a cup of milk, one teaspoonful of vanilla extract, two and one-fourth cups of flour, sifted with one-fourth teaspoonful of soda and three-fourths teaspoonful of cream of tartar. Lastly, fold in the whites of five eggs. Spread in two layer-cake pans. Press halves of English walnuts into the top of one of the layers to make lengthwise rows of nutmeats. Sprinkle the whole with white sugar, and bake about twenty minutes. Put the layers together with chocolate nut frosting.

## YEAST ROLLS.

Soften a yeast cake in half a cup of scalded and cooled milk. Add a pint of scalded and cooled milk and two cups and a half of flour. Cover, and let stand, to become light. Then add half a cup of melted shortening, a teaspoonful of salt, and about three and one-half cups of flour, to make a soft dough. Knead the dough about fifteen minutes, cover, and set aside to become light. Then shape into small rolls about two inches wide and four and a half long. Set close together in a buttered pan, giving room to lengthen uniformly. When very light, bake about half an hour. Glaze with beaten white of an egg when nearly baked.

## AMONG OURSELVES.

"Do none of the friends read anything but fiction?" was the query of our editor some weeks ago. Yes, they do; and as the answer seems to be slow in coming I wonder if I might talk about some of my books? First, I am going to name "What Is Worth While" by Anna R. B. Lindsay, Ph. D. In her final summary she bids us to let go "the unworthy things—pretence, worry, discontent, and self-seeking," and to take "loyal hold of time, work, present happiness, love, duty, friendship, sorrow and faith." In the book she gives her reasons for each of these conclusions. And have you read "The Imitation of Christ," by Thomas à Kempis? It is "worth while." Let me give you just a couple of extracts which I have marked: "It is vanity to desire to live long, and not to care to live well." "Write, read, mourn, keep silence, pray, suffer crosses manfully; life everlastingly is worthy of all these, yea, and of greater combats." And I find some excellent thoughts in "The Rubaiyat of Omar Khayyam." This—"The Bird of Time has but a little way to flutter and the Bird is on the Wing." What does that say to you? To me it says, "Time is passing, moments are flying; make the most of every day; you will pass this way but once." And if you find yourselves like Martha, "careful and troubled about many things," let us read: "And fear not lest Existence closing your Account, and mine, should know the like no more. The Eternal Lake from that Bowl has poured Millions of Bubbles like us, and will pour." "When You and I behind the Veil are past, Oh, but the long, long while the World shall last." And then I have "Dreams" by Olive Schreiner. It is a little book of allegorical sketches. I like the one about the search after truth, entitled, "The Hunter." It seems to me that all can read English history, beginning with the Druids and ending only with the present day, with profit. Read "Hyperion" and wander with Longfellow along Germany's wonderful Rhine, among her quaint old castles, and through the great Black Forest. Enjoy the genial philosophy of George W. Curtis in "Prue and I." I like poetry and have "Snowbound," "Hawthorne," "Evangeline," "In Memoriam." Yes, and Longfellow, Kipling and Stevenson all in a row. Rather a motley crowd, aren't they? Oh, there are so many other books I should like to talk about; "Walden," then a big

The Iowa Gate  
-FOR THE FARM-A small child  
can open or close it

BEING so simple they are very light and can easily be swung either way.

The ROLLED STEEL TUBING FRAME makes them strong; not gas pipe or common steel.

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## Going to School or Learn a Trade?

If so, write for our fine new catalogue giving complete information about the special opportunities offered for obtaining an education in almost any subject and learning some of the best trades. Address O. H. LONGWELL, Pres. Highland Park College, Des Moines, Ia.

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CURES LIQUOR, Neurasthenia, Drug and Tobacco habits. Send for free booklet. Address  
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book of natural history, and so on, but space forbids. I'd like to say, though, don't rush after every new book to the exclusion of those which have stood the test of time. Many of the so-called popular books will scarcely be heard of in three years. Some time ago I was induced to read a certain "historical novel," a much-talked about book, and after reading it I felt inclined to agree with the verdict given on it by a young man of my acquaintance—"It's just rip-roaring all the way through, but it isn't worth while."

"Worth while! Worth while!"

"The Bird of Time has but a little way

To flutter—and the Bird is on the Wing."

"A happy wife" has given us such a treat, I feel sure everybody feels that her coming to us was "worth while" and hopes that she will come again sometime and give us another book talk.

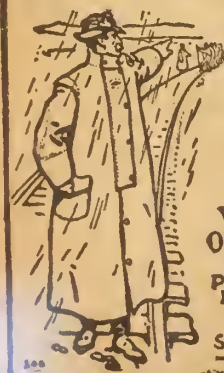
Preparations for June weddings are already well under way in many of the homes of this circle, but wedding goes on all the summer and there is no more beautiful time for marriage festivities, in the country, at least, than early fall, so that what we are to have from "A Happy Iowa Bride" should prove timely as well as interesting:

By all means, be married in your own home, even if you can have only the immediate family present and if you can invite your friends so much the better.

I attended a beautiful home wedding on February 14th. The ceremony was at half past two in the afternoon and a two-course luncheon was served afterward to seventy guests. The south end of the sitting room is octagonal and has a large window with single windows on either side. Here was a background of white lace curtains. A few potted plants set on the floor and asparagus rope looped across the curtains and hung from a hook in the ceiling to the tops of the windows, made a very pretty place for the bridal couple. The asparagus rope was dotted with carnations and bows of ribbon, and at the center, suspended from the hook was a large white paper bell with a huge bow of white ribbon and six white carnations at the top. At the other end of the sitting room the open stairway was decorated with green and white tissue paper rope with bows of pink crepe paper on every loop. The bridal party descended the stairway as the wedding march, so sweet and solemn, was played by a beloved classmate. The minister came first, then the best man and bridesmaid and lastly, the bridal couple. They descended slowly, a number of steps intervening between the couples. The bride was dressed completely in white, even the combs and hair pins. The colors, pink, green and white were used in the other rooms. In the dining room the table was in the center. Green rope from a hook above went to the four corners of the room and white ribbon came down to each corner of the table, ending in a pretty bow. A white bell hung from this hook also.

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The table was decorated with ferns and pink and white carnations. The bride's cake, on a glass stand, was placed on a looking glass, whose frame was concealed by ferns. The guests were seated around the room and served by a number of girl friends of the bride. The refreshments consisted of: First course, jellied chicken, bread and butter, fruit salad and pickles; second course, ice cream and cake. The bride's cake on the table was cut into small pieces after luncheon and given to the lady guests by the bride. Also she had a dainty basket in pink and white, filled with pretty little valentines, each in a white envelope, and these she gave to everyone as souvenirs. Flowers or a box of cake would be nice on another date. Two girl friends arranged the presents on tables in a room downstairs. And now let me add some advice: Plan everything and tell your plans to the ones who are to assist, that all may go well. Prepare the cooking and arrange the house as far in advance as possible. Have the luncheon or dinner as elaborate or as simple as you please, but have it dainty. Loving hearts and hands will do much toward making a home wedding beautiful, as they did at mine, for I was the bride at the one I have just described.

A wedding means work and sometimes worry, but the returns are generally considered adequate and where the affair is as prettily managed as that described by our young Iowa friend, its happy memories make it a sort of potpourri jar to be opened at will.

Right now while the thought of weddings is on the tapis let me suggest that a year's subscription to our paper under the magnificent clubbing rates offered by the management would make a wedding present which would not fail to give a young couple solid satisfaction.

It was not, of course, this talk on weddings which inspired him, but "Illinois Bachelor No. 2," comes to us with some thoughts on love and marriage.

Having been a reader of this paper for quite a while and especially the Home Department, I am somewhat interested in it. I am also an Illinois bachelor and I heartily agree with the article written by "An Old Maid" in your issue of April 29th. I believe she understands how to cook a husband properly and am sorry she hasn't one. Also agree with "One of the Girls." I believe as she does in regard to men who are not polished or refined, being sometimes snubbed, as I am somewhat old-fashioned myself. I believe the giddy young man who spends all his earnings for fine-cut garments, who is sleek and smooth, is much better liked than the poor, struggling young man who saves his earnings and is somewhat of a practical turn of mind. The practical man looks to the future, while the giddy young fellow lives altogether in the present and lets the future care for itself; as for myself I believe in having a little saved up for a rainy day in case I or my own should need it. I agree with her also to there being a difference in men and women. Quiet young men and modest girls often remain single because of the nature of their dispositions; they lack the faculty of putting

themselves forward, so to speak, and so remain single and lose the best of life which their Creator intended they should enjoy.

Illinois Bachelor No. 2 is a sensible fellow; it's a pity there is not more of him. By the way, how would it be for us to talk a little on a subject suggested by this young man's remarks on the advisability of putting something by for a rainy day or for "my own." This is a "worth while" topic. Let me put it in a definite shape, say, like this: Is it right for a young man to spend as he goes and propose marriage to a woman when he has nothing saved to make a home for her? Let us hear on this subject from the young men themselves, from the young women, and from married people who have experience. Please make your contributions to this discussion about the length of Illinois Bachelor No. 2's, and let us have at least a score.

Talking of love and marriage, etc., we are to have thoughts on love from Mrs. Ida Hausman:

I will write a letter for Among Ourselves, on the definition of love. Love is a sacred ordinance of God, and it should reign in every home. No home can be happy without love. Love makes men and women better and purer and its radiance is seen plainly in the lives and hearts by those around us. Love never degrades anyone, it lifts them up higher, it makes home a heaven of contentment, hope and blessedness. There would be no divorces if love ruled. Many men never have time to love their wives or never even sympathize with them, which goes to make the whole of a true woman's life. A man may not have money to build a palace, but he can build a tower of love, which I for one would appreciate far more. I would rather have one little flower of kind love while I am living than a bushel of roses when I am dead. I always have lived on the farm and toiled late and early, yet I have time to love my family. I have time to make them happy with the devotion of love. I have time to smile and welcome my loved ones, time to make home pleasant and comfortable. Oh, the power of the influence of love my heart gives out in this little poem: "Could I but live with one that Loved me in a home with a sanded floor. I'd be richer far than a loveless one With fame and a golden store."

Mrs. Hausman's definition and application of love will commend her to our circle, I feel sure. I wonder how they will regard the next corner, "A Young Bachelor," he calls himself:

Undoubtedly the average reader will ridicule a seventeen year old youth's opinion on the vital subject of love, but as I think the contrast between the opinion of myself and that of an experienced and more sensible person might be of interest, I cannot resist. Love is undoubtedly the devotion or attachment that one "should" have for another.

Love is that which makes unhappy men happy, and happy men unhappy.

Love is like a pair of suspenders, it helps a man to keep up his ambition.

Love is that which makes youths of my own age go temporarily silly, that is, sometimes, and sometimes not. I think that love is not such a bad thing for a boy who will look at the matter sanely, for will it not make him ambitious? Will it not make him have more respect for himself and those of the opposite sex? Will it not help him to break off from his bad habits? Had he not better be in love than in a saloon or some den of vice?

I must close by saying that love to me is a mystery.

It is good for us to relax a little and smile as we have been doing while this young fellow has been giving us his ideas on love. And, friends, let me say here that I think it would be good for us all could we have at least one of the young folks with us every week. There is a breeziness, a freshness about the point of view of the young which we ought to avail ourselves of more than we do.

Two calls for information have come in. One member of the circle asks for a tried recipe for rhubarb wine. This I hope someone will kindly send at once. Another member wishes for directions for the making of the pretty bead chains which are popular just now. The forget-me-not pattern is the one she seeks. These bead chains are so dainty and so pretty that they make charming gifts. Please, somebody come and tell us how to make them.

#### ADVERTISING NOTES.

Whether you want to buy a farm or sell one, or whether you want to exchange or trade real estate of any kind you should submit your proposition to Messrs. Fraley & Graham, Ulrich, Mo. They are prepared to make bargains of this kind. When you write them say you saw their advertisement in The Homestead.

In Van Buren county, Iowa, is a tract of land 636 acres in extent, of which 200 acres is timber, which is seeking a buyer. The farm buildings include a house, barn and granary, and terms will be made to suit the buyer. Write for fuller information to Box 291, general delivery, Farmington, Iowa. See page 14 and mention The Homestead when you write.

Choice Wisconsin farm land, either improved or unimproved, well adapted to cropping and stock raising, is advertised on page 14. This land is well located as regards schools, churches, creameries and railroads and will bear the investigation of careful investors or home seekers. Write for full information to Matton Railway Company, Mat-

ton, Shawano county, Wis. Kindly refer to this paper in making application for particulars.

Farmers looking for locations on well-improved and prairie lands in South Dakota should write for prospects and inducements to Mr. M. Loftus, of Mitchell, S. Dak. See page, 14 for prices and mention The Homestead when writing.

In the clover belt of Wisconsin, regarded as the finest dairy country in the world by many, are two very well-timbered eighty-acre farms which will be sold at very low prices by Messrs. Morse & Tradewell, of Antigo, Wis., as advertised on page 14. Mention this paper when writing.

U. S. Patent has been allowed to J. T. Ramsden, Ft. Dodge, Iowa, for an improvement whereby the piston and cylinder of a pump can be removed for repairs without disturbing or lifting the well-tubes. The work was done by Silas C. Sweet, patent lawyer, whose advertisement appears on page 2.

Eight hundred acres of choice Nebraska grass land is offered for purchase on this page. This tract is in the alfalfa and grazing land and grows within its own borders fine tame and wild grasses. It is also the best kind of farm land. Parties who mean business should write or inspect this land, as the holder will make a good proposition to such. Address Mr. J. H. Brown, of Ansley, Neb. Mention this paper in your correspondence, please.

#### RELIABLE INFORMATION ON LAND.

Not every day offers an opportunity like this one for securing reliable information on land conditions in the great Southwest. The makers of this offer have no land to sell, but they merely wish to do patrons of their transportation facilities a favor. Write for prospects for new homes, crop conditions, prices, etc., to the Missouri Pacific Immigration Bureau, 1704 Missouri Pacific Building, St. Louis, Mo.

#### THE CALL OF THE RAILROAD

is for men. Men who are strong and willing to earn big wages as firemen. The chance is extended to become engineers after an apprenticeship. During spare time a young man can fit himself on the technical points necessary for holding a position of this kind by taking a course in training such as is offered by the Railroad Men's Correspondence School, Box 705, Freeport, Ill. Write for prospectus as offered on this page.

#### FRANKLIN COUNTY FARM.

The fact that a farm lies in Franklin county, in the state of Iowa, is assurance that it is a good farm. When Mr. C. W. Soesbe, cashier of the Merchants' National Bank, of Greene, Iowa, says that it is a good farm, well improved and a bargain at the price he quotes for it, that is assurance to us that that is a fact. The farm in question consists of 240 acres of the best land in Iowa. Read the advertisement of Mr. C. W. Soesbe, of Greene, Iowa, on page 14 of this issue and mention The Homestead when you write for particulars.

#### LOW-PRICED LAND.

On page 14 is offered three tracts of western land. The first of these is in southeastern Wyoming and in alternate sections to the amount of 5,816 acres. Two towns are on this land and it will be sold on easy payments. The second tract comprises 880 acres in central Nebraska, half of which is level, some in alfalfa and some improvements. Four towns are situated thereon, and three are very enterprising business places. The last offer is that of a 240-acre alfalfa farm, all in cultivation, and nearly half in alfalfa. Improvements are good. For further descriptions, photos, etc., write, mentioning The Homestead, to Mr. H. J. Hill, 1802 E. St., Lincoln, Neb.

#### RICE BROS.' AUTOMATIC GATES.

With this issue of this paper appears the advertisement of Rice Bros. Manufacturing Company, of Harvard, Neb., who are offering some leaders in automatic gates. These gates are in use in most every section of the country and everywhere have proven a decided success. They are made entirely of steel, can be hung on any common gate post and can be operated from wagon or carriage with perfect ease. They are made any size to suit. Their twelve-foot gate sells at \$10 and if larger size is desired a cost of \$1 per foot will be added. At the price this gate is sold you cannot afford to bother with old-fashioned gates. Write them for their new illustrated catalog and mention this paper. See illustration of swinging gate on another page. They also make steel rod yard fencing of any design.

#### STANDARD CREAM SEPARATOR PRICES.

It is now possible to buy standard cream separators straight from the manufacturers very close to actual factory cost. The machines we have in mind are made of the best materials throughout, fully guaranteed in every respect against defects and with a further guarantee that they cannot be surpassed in close skimming or ease of running. As this paper thoroughly investigates the standing of each advertiser before accepting their advertising we can say that this advertiser is reliable in every way and will do as they agree. They have been manufacturing cream separators for nearly twenty years. Their machine has all late up-to-date improvements, such as low-down supply can, simple enclosed gearing and the only separator howl on the market which is not balanced with lead or soft metal. We would advise any of our readers interested in cream separators to write at once for the free catalog. This will insure prompt and careful attention. Address Davis Cream Separator Company, 54L North Clinton St., Chicago, Ill. See page 9.

#### ANY GASOLINE ENGINE WILL RUN.

That any gasoline engine will run something, somewhere, somehow is a statement made and admitted by experienced users or makers. The engine that does its work in the way just mentioned is a constant annoyance and bother. The manufacturers of what is known as the "Flour City" gasoline engine are well aware of the objections to poor makes of engines. They have taken particular pains to produce and place on the market an engine that will run anything, anywhere, all right, and up to the capacity that their engines are rated. From the number of satisfied users of their engines it is safe to conclude that they have

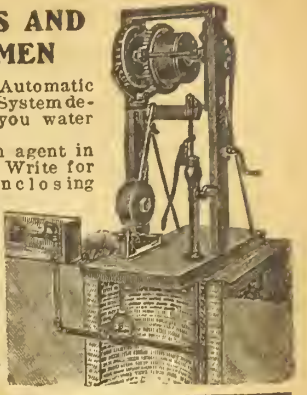
#### FARMERS AND STOCKMEN

The Myers Automatic Water Supply System designed to give you water at all times.

We want an agent in each County. Write for information, enclosing Postage for reply. Address,

Myers Pump & Mfg. Co., Beals Bldg. 9th & Wyandotte, Kansas City, Mo.

What town wants our Factory?



#### RAILROAD MEN WANTED

The railroads are calling. Our business is to train and supply Firemen and Brake-men.

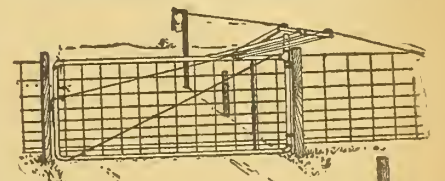
Our Men Make Good at railroading. Only spare time required. Young man, write today for book "Railroad Training for the Millions." FREE. Railroad Men's Correspondence School, Box 705, Freeport, Ill.

#### Traction Engines For Sale.

We have on hand ready for delivery several 18 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

THE O. S. KELLY MFG. CO., IOWA CITY, IOWA.

#### Nebraska Automatic Gate.



OPENED from wagon or carriage. Any lady or eight year old child can operate this gate. All steel. Can be hung on any gate post. Nothing to get out of order, 12 ft. gate \$10. You can't afford to be without this gate for the price. Hog and cattle proof. Also Rice's Automatic Tilt Gate. Ornamental steel. Gates and rod fences a specialty. Catalog upon application.

RICE BROS. MFG. CO., HARVARD, NEBRASKA.



#### Lightning Rods

Farmers wanted to buy 98% Pure Copper Cable Lightning Rods. Write for prices and samples to

JOS. H. BARNETT & CO. Riverside, Iowa

#### FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller.

This machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

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at all times of CLOVERS, TIMOTHY, and seeds of all kinds. Send sample and get our offer. We are paying high prices for WOOL. Send us a trial shipment. The Adams Seed Co., Decorah, Ia.

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Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1868. Hardy seeds, trees and plants. Agents wanted—Good pay.

accomplished their purpose. The "Flour City" engines are built for traction, portable, stationary and pumping purposes. The very best materials are used in their construction. The cylinder is properly proportioned, accurately and smoothly bored and fitted to the frame by planed surfaces, strongly bolted and doweled. Other parts of the engine are made with equal care and with the object of insuring long life to the engine. All the other points of construction are fully explained in the catalog which

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Home Offices and Laboratories, DETROIT, MICHIGAN.



should be in the hands of every person having use for power, which for economy is best secured in a good gasoline engine. Address your request for catalog to Kinnard-Haines Company, 824 44th Ave. N., Minneapolis, Minn. See page 2.

"MONEY WITH BEES."

Under the above title is issued a book containing the hints and practical experience of a man who has handled bees for nearly half a century. The writer of the book is Mr. Kretschmer, who is also prepared to furnish a complete line of bee supplies which he has found practical. Write for the book, mentioning The Homestead. Address Kretschmer Manufacturing Company, Council Bluffs, Iowa. See page 2.

CHRONIC CATARRH CURED.

Dr. Williams offers the readers of this paper absolute proof of his ability to cure chronic catarrh of the nose, throat, ears, bronchial tubes, stomach, liver, bowels, kidneys and bladder. His cured patients very gratefully testify to the cures made in their own cases. He has so much faith in his ability to cure chronic catarrh and its allied diseases that he offers a full month's treatment free of charge to all who will write for his symptom blank and free book. His special announcement will be found on page 16.

YOU MAY EITHER WALK OR RIDE

behind the Hapgood corn cultivators. These plows are made in all styles, including the riding, walking and tongueless patterns. All the different styles of beams are to be had on these cultivators and the shovels are arranged according to the latest ideas. The four and six shovel plows generally suit the needs of most soils. In fact all the latest ideas in the construction of cultivators are embodied in the Hapgood. This is the only factory which sells direct to the farmer. They also sell huggies and other farm implements. Write for their complete free catalog and study the new models before buying. Address, Hapgood Plow Co., Box 36, Alton, Ill. It is to your interest to write them without delay. See page 3.

A SPLENDID HOG FARM FOR SALE.

One of the finest suburban hog farms is offered for sale by Mr. Sol Frank, of Sioux City, Iowa. It contains fourteen acres, nine-room house, barn, chicken house, hog houses, corn cribs, fenced and cross fenced, all kinds small fruit and shrubbery, three acres alfalfa, all equipped for an up-to-date hog farm. He now has 100 head of pure-bred Duroc Jerseys and will make a deal for everything or will sell the farm alone. Mr. Frank must give his attention to his tailoring business and therefore is compelled to sell. Here is a great proposition for some man who wants an up-to-date hog farm, where a splendid business has always been done. It is one of the snaps for somebody. Write Mr. Frank for further particulars and mention The Homestead.

THE GOLDEN PRAIRIE OF WYOMING.

We again call the attention of our readers to the page advertisement of The Federal Land & Securities Company, which appears on page 15. If any further indorsement were needed of that country, the testimonials of Mr. McCormack, Mr. Nye and others reproduced in the advertisement referred to, are sufficient to set at rest all doubts as to the quality of the soil and yield of crops. As is well known a prejudice always exists against any new section of country and this prejudice is ever encouraged by the stockmen and others who profit by the free use of lands of which they will be deprived upon the country becoming more densely settled. This has been true of Iowa, eastern Nebraska, southern Minnesota and other districts where only a few years ago vast herds and flocks were raised by men owning but little, if any, of the land. This has been the condition of the Golden Prairie district of Wyoming and when the order of the government was issued to tear down the fences surrounding homestead land, cattlemen considered it only a joke and some of them paid no attention to the order. That it was no

joke is proven by the fact that a few months ago a United States marshal with a posse of men left Cheyenne for the Golden Prairie and within a few hours had destroyed many miles of fence while the unlawful occupiers of the land were arrested and heavy fines were inflicted upon them in the United States courts. We have personally interviewed a large number of residents of Des Moines and central Iowa who have purchased Golden Prairie land, some of whom have located there, and it is the universal judgment of these people that that country is truly the Eldorado for the man who at this late day is searching for a place either to invest his savings for profit or to make a home for himself and family. We advise all our readers to write the Federal Land & Securities Company, 210 Fifth St., Des Moines, Iowa, and secure the free map and descriptive literature which this company is sending out. Thousands of first-class dealers all over the country. See page 15.

IMMIGRATION TURNING SOUTHWARD.

The attention of homeseekers is being directed today to the South more than ever before in the history of the country. This is due to two facts: The public lands of the West are about exhausted and its good farming lands are now comparatively high in price. The climate of the Northwest is severe in winter, while the climate of the South is well-nigh ideal all the year round. Hence the farmer in the West and Northwest is selling his high-priced lands and moving southward where he can buy low-priced, but fertile, lands and be free from the rigors of severe winters. No part of the South is attracting such attention in this respect as is the coastal plain known as Tidewater, Virginia, and eastern North Carolina. The lands there are of exceeding fertility and wondrously productive. New railroads are opening up virgin lands and development is rapid, to say the least. Naturally, real estate values are advancing, but as yet they are remarkably low compared to real estate values in the West and Northwest. The farmer who is contemplating moving South will be wise if he takes advantage of the low rates offered during the Jamestown Exposition to visit that country and make an inspection of the advantages and opportunities there offered. Those desiring further information on this subject can obtain it by addressing Mr. F. L. Merritt, Land and Industrial Agent, Norfolk & Southern Railway, 302 Citizens' Bank Building, Norfolk, Va. Advertisement appears on this page and when writing for information kindly mention this paper.

SEVERE ECZEMA CURED

Southern Woman Suffered Three Years-- Hands and Eye Affected--Gives Thanks Because She

TRIED CUTICURA REMEDIES

"My wife was taken badly with eczema for three years, and she employed a doctor with no effect at all until she employed Cuticura Soap and Ointment. One of her hands and her left eye were badly affected, and when she would stop using Cuticura Soap and Ointment the eczema came back, but very slightly; but it did her a sight of good. Then we complied with the instructions in using the entire set of Cuticura Remedies and my wife is entirely recovered. She thanks Cuticura very much, and will recommend it highly in our locality and in every nook and corner of our parish. God bless you for the sake of suffering humanity. I. M. Robert, Hydropolis, La., Jan. 5 and Sept. 1, '06."



The above illustration shows Flint-Coat roofing being applied to the Minnesota State Fair buildings. The quality of a roofing material on these structures, as well as on others is a most important consideration. Flint-Coat roofing is made from the most lasting materials. These are combined in such a manner as to be practically weather proof as well as fire proof. Every roll is guaranteed. For these reasons Flint-Coat is popular. The Standard Press Steel Car Co., at Hammond, Ind., have contracted for 8,000 squares of this asphalt roofing. This firm, like others, has tried this roofing thoroughly and found it to be as good as is claimed. See page 3 for these claims and prices. Write for samples to Rock Asphalt Roofing Co., Commercial Station, Dept D, St. Paul, Minn.

LANDS AND HOMES FOR SALE

It's the Man Behind the Binder

who is making the dollars today from the rich, fertile

PRAIRIE LANDS OF WESTERN CANADA.

We own and Control

Over 500,000 Acres

THE FAMOUS SASKATCHEWAN VALLEY,

THE GREAT QUILL LAKE PLAINS,

THE GOOSE LAKE DISTRICT,

THE YORKTON DISTRICT.

are Choice and Selected Lands

ONE HUNDRED THOUSAND AMERICAN FARMERS

are going to Canada this year. Don't wait until the Best Lands are Taken. Buy now. Write us for Free Maps, descriptive matter, price List, etc.

STEWART & MATHEWS CO., LTD.,

187 Water St., WINNIPEG, CANADA. 305 Jackson St., ST. PAUL, MINN.

**California Alfalfa and Sugar Beet Land.**  
LEVEL, fertile, alluvial land all under irrigation in prosperous Butte County, adjoining the thriving city of Biggs, \$65 to \$110 per acre, very easy terms. Five to six crops of alfalfa every season. Irrigation water, \$1.00 per acre a year. Close to schools and churches. Two railroads, good roads, electric lights, etc. Not a wilderness but in the heart of a desirable community. Sugar beets on this land will pay big profits. Suitable also for peaches, grapes, figs, English walnuts and oranges. Farmers from the middle West settling this land rapidly. Now is the time to buy. Values are advancing. For a home or for profit, you cannot better it. Write for free booklet. Butte County Irrigated Land Co., Dept. 6, 1109 Post St., San Francisco, California.

IOWA

THE GREATEST CORN STATE.

IOWA beats all other states, Illinois included, in corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, also some to exchange. Send for it early.  
Northern Iowa Land Co., Independence, Iowa.

**5816 ACRES** S. E. Wyoming, alternate sections, 2 towns on land, worth double my price, \$2.00 per acre, 1/4 cash, rest 10 annual payments, 6% interest.

**\$850** acres central Nebraska, 1/2 smooth, 125 acres wheat, all goes, 100 acres in alfalfa, \$2,000 improvements, 4 miles of three good towns and largest feeders in Nebraska cannot duplicate in county for \$35 an acre. Price \$22,000, carry \$14,000.

**240** acre alfalfa farm, cultivate all, 100 acres alfalfa, \$4,000 improvements; cannot overflow, \$13,000. Carry \$3,000. For plats, photos, full description of each, write owner, H. J. Hill, 1802 B St., Lincoln, Neb.

A BARGAIN

...240 ACRE FARM...

FRANKLIN COUNTY

FINE improvements, good soil, good markets. One of the best farms in the county. Easy terms.

C. W. SOESBE, GREENE, IOWA.

AN INVITATION.

YOU are of course coming to the JAMESTOWN Exposition, at Norfolk, Va. When you do, you are invited to visit and inspect the splendid farming and timber lands offered for sale cheap along the lines of the NORFOLK & SOUTHERN RAILWAY. No such lands to be had anywhere else for the price. Now is the time to get a home in a good climate, where the soil is virgin and fertile, on easy terms. Write for farm list and descriptive pamphlets. F. L. Merritt, Land and Industrial Agent, Norfolk & Southern Ry., 302 Citizens' Bank Bldg., Norfolk, Va.

FOR sale—Choice farm lands in central Wisconsin, improved and unimproved. Good soil, well watered, well adapted to stock raising and general farming. Well located near churches, schools, creameries and cheese factories, and none of it over 5 miles from a railroad. Don't buy land until you have investigated, as we can give you more for your money than you can get elsewhere. Write for book telling more about this; write today. Mattoon Railway Company, Mattoon, Shawano county, Wis.

LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

KANSAS Farm Bargains: 430A, 3 mi. town, good farm improvements, 250 wheat, 40A, corn, nice neighbors. In '97 corn avg. 40 bu., wheat 3 yrs. avg. 20 bu., \$3,200. 480A, all grass, 275A, fine alfalfa land, 12 ft. to water, \$6,000. County has many creeks and valleys. Alfalfa, fruit, corn, wheat, cattle and hogs are sure money makers. Must sell June 1, '07. Come at once to the owner, ELY, THE LAND MAN, COLDWATER, COMANCHE CO., KAN.

A MINNESOTA HOME AT A BARGAIN

40 ACRES or 130 acres. Well improved. Fine location. Close to market. Write me.

L. M. GULDEN, OSAKIS, MINN.

A FINE HOG FARM FOR SALE.

14 ACRES, right near town, 5 blocks from car line, 9 room house, barn, hog and chicken houses, corn cribs, in fact everything. A bargain. Write, Sol Frank, Sioux City, Iowa.

FOR SALE, RENT OR EXCHANGE:

Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

FOR SALE CHEAP if sold soon. 688 acres in Van Buren Co., Iowa, all in cultivation but 200 acres. Barn and house; plenty of granary. Terms to suit buyer. Box 291, General Delivery, Farmington, Ia.

**CORN** Write for State Map, Booklet and Weather Report. Sent free. Hazel J. Meek, Chillicothe, Missouri.

WANTED farmers to locate on well improved and prairie land, near Mitchell, \$15 to \$50. Write M. Loftus, Mitchell, South Dakota.

BEWARE OF LAND AGENTS WHO

FOR the sake of a commission try to sell bad lands in a good country. Save commissions by buying direct from us in the Garden Spot of Texas, where values will increase faster than elsewhere because the soil is richer and deeper; will produce larger and more varieties of crops; is clear, ready for plow; crop failure impossible, because some crop can be planted any month in year; climate healthy; not cold in winter nor hot in summer; ample rainfall; competing railroads within two miles; close to best markets in world; good neighbors. Save agent's commission by buying direct from us. Do it now. Prices \$10 to \$20 per acre in any sized tract to suit. Next fall will be \$5 an acre more.

Write or call for booklet, "Truth About Texas," and state map free. Cheap R. R. rates. Free fare to buyers.

PICKERT-HAMMOND LAND CO.,

Opposite Grand Central Station,

Houston, Texas.

N. W. Brauch, 1039 and 1040, Lumber

Exchange, Minneapolis, Minn.

For Sale

A FINE, rich, improved farm without hills or stones. Located only two miles from a good town on the main line of the Burlington railroad in south central Nebraska. Mostly cultivated. Prices \$25,000. For particulars address the owner.

W. F. DALE, YORK, NEB.

Do You Want Reliable Information About the Southwest?

If you are looking for a better location we will give you reliable information about any locality—price of land, crops best suited to it, in fact any information you want before locating. We have no land to sell and will give interested information to any one seeking a better location.

MISSOURI PACIFIC IMMIGRATION BUREAU.

1704 Missouri Pacific Bldg., St. Louis, Mo.

I HAVE 800 ACRES OF CHOICE LAND.

THIS land is all the best of farm and grazing land; it grows alfalfa, blue grass and other tame grasses. Will sell land cheap if taken soon. Will furnish conveyance from railroad station to farm free to parties who mean business. Write me or come and see what I have. Will sell part or all of this farm to suit purchaser. Address J. H. BROWN, Owner, Ansley, Nebraska.

THE BEST DEAL YET

offered the actual HOMESEAKER is that of The Duluth & Iron Range R. Co., in its Meadowslands district of St. Louis County, Minn. Good land at reasonable prices and on 15 years' time. Write for full information to Land Commissioner D. & L. R. R., 625 Wolvin Bldg., Duluth, Minn.

**WISCONSIN** 80 ACRE FARM; 30 acres cleared; barn, house and orchard; about 200,000 feet saw timber. A snap at \$2,000. 80 acre farm; 12 acres cleared; timber enough to pay for farm. A bargain at \$1,000. Finest dairy country in the world. The Clover Belt of Northern Wisconsin. Write Morse & Trudewell, Antigo, Wis.

FOR SALE OR EXCHANGE:

peach and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

FOR sale to close an estate, 150 acre farm under high state of cultivation, 5 mi. from Racine, in richest part of Wisconsin. 8 room house, old, but comfortable. Large barn, ice house, wind mill, modern road, telephone, R. D., some timber. Price \$120 an acre. Possession Dec. 1. Henry Warner, White Bear Lake, Minn.

WASHINGTON FARMS.

FARMERS send for our special bulletin of Fruit Farms, irrigated and planted, \$325 an acre. 2c stamp brings it. Callahan, Denny and Ewing, Inc., Alaska Building, Seattle, Wash., U. S. A.

**TO EXCHANGE:** Have a good improved farm, well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

**FOR FARMS AND EXCHANGES,** write in your first letter what you want to buy, or have to exchange. Fraley & Graham, Ulrich, Missouri.

**WELL IMPROVED** 160 acre farm in Clay Co., Illinois. Price \$40 per acre. J. J. Smith, Clay City, Illinois.

**CORN** and Alfalfa farms for sale; good improvements. Write for prices. Jas. S. Sheeran, Solomon, Kansas.



# The Golden Prairie of Wyoming

There, within from one to six miles of railway station, you can now buy at from \$8 to \$15 per acre on ten years' time, land equal in fertility and productiveness to the best in the central states. The rain-fall is ample and uniform, assuring abundant yields of grain and grass crops. No hot winds, gumbo, alkali, stone or other imperfections.

**DO YOU ASK WHY, AT THIS LATE DAY, THIS LAND CAN BE HAD AT PRICES SO LOW?**

## The Question is Easily Answered

BECAUSE—Over thirty years ago the government gave the U. P. Railroad Company each alternate section of the land in a strip forty miles wide. Because—This being the best grassed, best watered section of the "eastern slope" ranchmen at once secured the railroad land, enclosing in their fenced pastures the alternating homestead sections, making it impossible for the homeseekers to locate there. Because—Only last year the government at Washington decided that the "little fellow," the man looking for a home, should have a chance, and all fences surrounding government land were ordered torn down. Because—This put the ranchman out of business, and threw open for settlement some 150,000 acres of choice homestead land, while we purchased the deeded lands, 10,000 acres of which we are improving and the remainder we are placing on the market.

## The Movement is Now on and Quick Action is Required

Although we only placed the first of our land on the market June first of last year, we sold during the balance of the year, 40,000 acres, nearly all of it to practical farmers. We have now placed on sale 50,000 acres lying south of the main line of the Union Pacific railroad track. None of this land is more than six miles from station on either the Union Pacific or the B. & M. R. Ry. Each alternate section of the land is deeded and belongs to us, the other sections being free government homesteads. For description of this particular tract, read the testimonial of Mr. McCornack found on this page.



A Golden Prairie stack yard scene. Reproduced from photo taken Sept. 22, 1906, on farm of A. L. Bengsten, and surrounded by our lands.

## A Present of a 160-Acre Farm

The opportunities offered in the Golden Prairie District are unequalled anywhere else in the world to day. Consider for a moment that on your purchasing 160 acres or more from us, we will locate you, free of charge, on an adjoining government homestead, of as choice land as the sun ever shone on. This virtually cuts the price of your land in two. Then, if you are buying as an investment, do not fail to note that these homesteads, being taken up and improved by farmers, insures a steady and rapid advance in the value of your purchase.

All of this Golden Prairie country has been in possession of the stock men and fenced by them for the past thirty years, with the exception of a small neighborhood known as the Albin settlement which was established over 20 years ago. This settlement is composed chiefly of Swedish people and they have been remarkably successful in farming, raising all sorts of grain crops, besides timothy and alfalfa on the upland prairie without irrigation and by using only the ordinary farming methods employed in the central states. Their farms produce yields of 50 to 75 bushels of oats per acre of a very high quality, grading for the oatmeal mills and commanding for the crop of 1906 a premium of 10 cents per bushel over the oats raised in Iowa.

Their yields of spring and winter wheat, flax, barley and potatoes are equal to the best on high priced land in the central states. A visit to their settlement will prove the correctness of these statements.

Low rate round trip home-seekers tickets can be secured on the first and third Tuesdays of each month; the next excursion being Tuesday, June 4th.

Clip out and mail us the coupon found on this page and you will receive much valuable information. References: Publisher of this paper and The Des Moines National bank. Railroad fare refunded to purchasers.

### Wonderful Indorsements of the Golden Prairie Country by Prominent Iowa Men.

Mr. Peter McCornack, of 1618 6th Ave., Des Moines, is one of the largest farmers in Iowa. In addition to the Golden Prairie land he purchased from us last week, he owns 2,200 acres of farm lands, all highly improved and 2,000 acres of which is now in growing crops. Mr. McCornack visited our lands on the excursion of May 7th, and purchased the W. one-half of Sec. 19, Twp. 13, R. 62, paying all cash. He will at once proceed to put this land into cultivation. There is no man in the state of Iowa whose judgment on farm lands is superior to that of Mr. McCornack.

Des Moines, Iowa, May 16, 1907.

The Federal Land and Securities Company, Des Moines, Iowa.  
Gentlemen:—I have just returned from a hurried trip through your lands for sale in Laramie county, Wyoming.

Having had nearly forty years' experience in buying, improving and selling land in Iowa, Minnesota and South Dakota, I think you have the best proposition I ever saw, both for the speculator and homesteader.

Your land lies well, can be easily improved, has excellent railroad advantages, agreeable climate, fine water at reasonable depth.

I visited farms of settlers and saw winter and spring wheat, oats, barley and speltz of excellent quality in their bins, and saw wheat, barley, oats, timothy and alfalfa growing in the fields.

I think your country would be a paradise for the homesteader where he can have his choice of fine lying land with the very best of railroad privileges right at his door. There a man of limited means can file on his claim and live on it and buy land adjoining at reasonable price and long time payments.

Your price and terms of payment are very reasonable and your generous advice and help to homesteaders should be appreciated by all who do business with you. From my own experience. (Signed) Peter McCornack.

STATEMENT OF T. M. RIDER AND W. A. RIDER.

Mr. T. M. Rider is one of the best known breeders of thoroughbred Clydesdale horses in Iowa. The following testimonial from him and his son affords us great satisfaction. They are now located on the Golden Prairie with Postoffice address, Egbert, Wyoming:

Fairfield, Iowa, February 20, 1907.

We wish to state for the benefit of those who are interested in cheap land, that on December 4th, we mailed to The Federal Land & Securities Company, of Des Moines, Iowa, our order and draft for a section of land in the Golden Prairie district of Wyoming to be selected by them subject to our approval. On December 18th we went out to see this land and were highly pleased with the country and the selection made for us, in fact so much so that we refused an offer of Nine Hundred Sixty dollars advance over purchase price on our section, two days after our arrival.

We also took homesteads adjoining and expect to locate on our land in the spring. We think this one of the best cheap land propositions that remains in the United States today, and is well worth anyone's time to in-

vestigate. Also the chance to obtain a free homestead adjoining makes it doubly attractive.

We have found this to be a very gentlemanly and obliging company to deal with and feel that we can recommend them to any who wish to make a paying investment in good, cheap land.

Sincerely,

(Signed) T. M. Rider, W. A. Rider.

R. F. Graeber, Banker of Sheldahl, Iowa, is an extensive land owner. He is recognized as an authority on land and land values, and his investment in, and indorsement of the Golden Prairie was made only after careful investigation. He says:

"Before investigating I was somewhat prejudiced against the Wyoming country, but I was most happily surprised to find smooth, level prairie land, black loam soil with clay sub-soil, well grassed, plenty of moisture to grow any kind of crops, best of water. I believe the country will all be developed in a very short time. I have bought a section of the land."

It gives us great pleasure to publish the testimonial of Mr. Edwin A. Nye, Editor-in-chief of the Des Moines Daily News.

Des Moines, Iowa, June 26, 1906.

I bought a section of land in the Golden Prairie country of Wyoming, without seeing it, and upon the recommendation of J. R. Carpenter, President of the Federal Land & Securities Company. I have known Mr. Carpenter for several years. He is a careful and conscientious land man and has wisely advised me in land purchases heretofore. Last week I went to see the Golden Prairie country. I am more than pleased with it. I am enthusiastic over the future of that beautiful section. I have never examined a finer soil or a better lying country. The climate is of course almost ideal, the altitude being the same as that of Denver. Hot winds can never get over the range of mountains which protect this highly favored section. I shall invest further in this Wyoming country. (Signed) Edwin A. Nye.

Editor Daily News.

Note:—Mr. Nye has since purchased an additional section of Golden Prairie land.

THE FEDERAL LAND & SECURITIES CO.,

Des Moines, Iowa.

Gentlemen: Please send me at once, free of charge, sectional map and literature of the Golden Prairie District of Southeastern Wyoming.

NAME.....

ADDRESS.....

Acres wanted.....state if for home or investment and if free homestead is wanted:

Iowa Homestead, May 23, 1907.

**Federal Land & Securities Company, 210 Fifth St., Des Moines, Ia.**



## Dates Claimed for Live Stock Sales.

## ABERDEEN ANGUS.

May 28, C. J. Martin, Churdan, Iowa.  
June 4, Lakeside Farm, Storm Lake, Iowa.  
June 4, L. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill.  
June 12, M. A. Judy, Mgr.  
June 18, H. A. Cole, at Des Moines, Iowa.  
June 25-26-27, L. H. Kerrick Est., Bloomington, Ill.  
June 25-26-27, W. C. McGavock, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

May 24, J. W. Palmer & Son, Albion, Ind.  
May 27, Combination Sale, F. P. Healy, Mgr., Bedford, Iowa, at South Omaha, Neb.  
May 28, Henry Kuper, Humboldt, Neb.  
May 29, J. H. Harvey & Son, Maryville, Mo., and B. T. Wray & Sons, Hopkins, Mo., at Maryville.  
May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 11-12, F. O. Lowden, at Chicago, Ill.  
June 13, Thomas, Jameson & Mitchell, Allen, Kan., at Kansas City, Mo.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 24, S. W. Hogate and J. T. McMahon, Bladen, Neb.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

## HEREFORDS.

June 18, Hood & Baker, Dunlap, Iowa.  
Feb. 25, 26, 27, C. A. Stannard and others, Emporia, Kan., at Kansas City, Mo.

## POLAND CHINAS.

Oct. 10, W. D. Fulton, Villisca, Iowa.  
Oct. 15, John Blah, Pawnee City, Neb.  
Oct. 23, Jens Jensen, Exira, Iowa.  
Oct. 30, Ralph Mecham, Larabee, Iowa.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.

## POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

## RED POLLS.

June 12, W. H. Lake, Hampton, Neb., H. F. Stubbs, Bradshaw, Neb., at Lake farm.

## DUROC JERSEYS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 1, W. H. Haith, Tecumseh, Neb.  
Oct. 2, W. M. Putman, Tecumseh, Neb.  
Oct. 3, Elmer Lamb, Tecumseh, Neb.  
Oct. 4, R. F. Miner, Tecumseh, Neb.  
Oct. 5, F. C. Crocker, Filley, Neb.  
Oct. 9, Frank Butterfield, Polk City, Iowa.  
Oct. 10, Lein Bros., Story City, Iowa.  
Oct. 10, W. S. West, Hanna City, Ill.  
Oct. 12, Preston & Yustin, Corning, Iowa.  
Oct. 15, Boar sale, Claude Huffman, Scranton, Iowa.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Oct. 23, Geo. W. Seckman & Son, Mt. Sterling, Ill.  
Oct. 24, J. F. Nichol, Pierson, Iowa.  
Oct. 25, Risser Bros., Sanborn, Iowa.  
Oct. 26th, J. A. Russell & Son, Corning, Iowa.  
Oct. 29, Geo. R. Manifold, Shannon City, Iowa.  
Oct. 29, Watson Bros., Creston, Iowa.  
Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
Nov. 6, O. L. Mossman, Polk City, Iowa.  
Nov. 9, Boar sale, Hood & Baker, Dunlap, Ia.  
Jan. 16, S. G. Collicott, Lake City, Iowa.  
Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
Jan. 21, Weighton & Ashby, Audubon, Iowa.  
Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
Jan. 23, Reisser Bros., Sanborn, Iowa.  
Jan. 23, Robt. Pritchard, Carroll, Neb.  
Jan. 24, B. A. Shafer, Sanborn, Iowa.  
Jan. 24, W. M. Lessman, Wayne, Neb.  
Jan. 25, Henry Waidersdorf, Hartley, Iowa.  
Jan. 31, Hood & Baker, Dunlap, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
Feb. 3, Robt. Schaal, Polk City, Iowa.  
Feb. 4, Frank Butterfield, Polk City, Iowa.  
Feb. 6, W. R. Beane, Madrid, Iowa.  
Feb. 7, O. A. Olson, Madrid, Iowa.  
Feb. 10, Claude Huffman, Scranton, Iowa.  
Feb. 11, Perry Livengood, Castana, Iowa.  
Feb. 12, D. F. Counts, Mapleton, Iowa.  
Feb. 13, Isenbarger Bros., Battle Creek, Iowa.  
Feb. 14, Marion Booth, Battle Creek, Iowa.  
Feb. 15, Geo. R. Manifold, Shannon City, Iowa.  
Feb. 18, Lein Bros., Story City, Iowa.  
Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
Feb. 21, Fred Frazier, Ankeny, Iowa.  
March 3, Geo. W. Custer, Moline, Iowa.

## O. I. C. SWINE.

Oct. 10, J. S. Kennedy, Blackton, Iowa.

## PERCHERONS, CLYDES AND SHORT-HORNS.

June 27, A. H. Brett, Mason City, Iowa.

## POLAND CHINAS AND DUROC JERSEYS.

Oct. 19, E. A. Olive, Scranton, Iowa.

## POLAND CHINA AND O. I. C. SWINE.

Oct. 23, F. G. Paul, Laurel, Iowa.

## FIELD NOTES.

Crulckshank herd bulls are for sale by the old and reliable firm of Messrs. Isaac Novinger & Sons, of Kirksville, Mo. See page 17 and when writing mention this paper.

A pair of good Young Mary Short-horn bulls, both red and Scotch topped, one a yearling, the other two years, are offered for sale by Mr. T. A. Davenport, of Belmont, Iowa, on page 17. Write or visit the farm. Mention The Homestead.

Relative to their crop of spring pigs, Messrs. Watson Bros., Creston, Iowa, write that they have at present some 200 March and sixty April Duroc Jersey youngsters, with more to follow. The averages have been very satisfactory and one of the late litters from a Perfection Chief sow numbered fifteen of which eleven are doing well. Another sow by Ohio Chief has nine good ones and others have done as well. Most of the pigs are sired by Echo, Choice Goods's Best

and Nidlinger's Improved. Their fall sale comes October 29th, of which announcement will appear in due time.

An average of eight pigs to the family is what Mr. Will S. West, Hanna City, Ill., reports on his herd of Duroc Jersey swine. If all goes as anticipated some of the best of this bunch will get their names in the catalog for the fall sale, Oct. 10th.

Mr. W. B. Porter, of Cameron, Mo., is hooking orders for O. I. C. pigs of spring farrow. The blood of Jackson's Chief, the St. Louis World's Fair champion, predominates in Mr. Porter's herd. Write him now if wanting as good as is found in O. I. C. hogs.

Messrs. J. M. Reynolds & Son, Defiance, Iowa, are among the Duroc Jersey breeders who have their pens full of lusty little porkers. In all something like 165 pigs have made their appearance on this farm and no doubt among that number will be some that will be heard from later on.

Mr. A. C. Berry, of Unionville, Mo., is offering a few heifers got by Imp. Mutneer, his Marr Missile herd bull that is proving one of the best breeding bulls in Missouri. A few bred to him are also priced worth the money. See page 23 for Mr. Berry's advertisement and if in the market go and see the stock.

"While the weather has been abominable," writes Mr. T. E. Laurie, of Jacksonville, Ill., breeder of red hogs, "my crop of pigs numbers about 200 head and as they are out of ten different boars the variety of blood which I will have to offer should draw good trade. The young rascals are getting good attention and are coming along nicely."

Mr. F. G. Paul, of Laurel, Iowa, who made a very successful sale of Poland Chinas and Chester Whites last winter, claims October 23d for his fall sale of both breeds. He reports a fine lot of spring pigs regardless of unfavorable weather. Watch these columns for later notice of sale and remember that for large, deep-bodied, extra heavy-bodied hogs Mr. Paul is ready to show you.

If you want a good Scotch herd bull or a thick, blocky steer getter or some young cows or heifers that pay more than their board, you should look up the advertisement of the Wildwood get on page 23. This is an opportunity to get foundation material of the sort that will breed on. If you can't visit the herd, write Mr. W. W. Vaughn, of Marion, Iowa. Attractive prices for thirty days. Make reference to The Homestead when writing.

Hereford females are advertised on page 20, sired by some very noted bulls. One breeder who is selling on account of short pastures has three females sired by Columbus 29th, the bull that sold for \$1,005. Stock sired by this bull has been selling to everyone who looks it over. This is the last chance. Prices are very reasonable. Write or visit, referring to The Homestead advertisement. Address, Mr. Frank Festl, Nora Springs, Iowa.

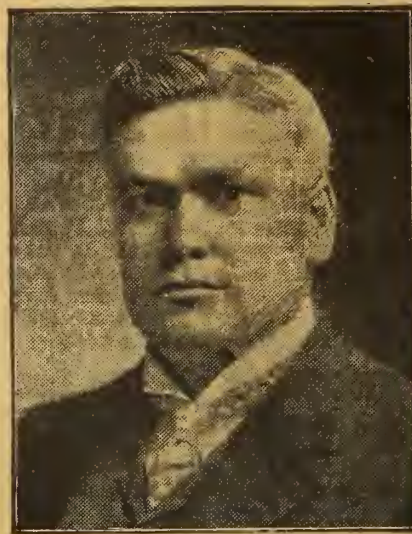
Mr. F. M. Erschen, of Odell, Ill., successful breeder of leading strains of Duroc Jersey hogs, sends us word that he has over 100 pigs thus far and the March pigs are exceptional. Pasture is now available and the material for the fall and winter sales will be making good progress, harring accidents. About thirty fall and winter gilts will be available by buyers at this herd and all the breeding varieties of blood are represented. Buyers should keep this herd in mind.

Mr. Ernest L. Mear, of Neponset, Ill., reports very steady sales of improved Chester White hogs from his advertisement in The Homestead and wishes to advise those looking for something choice in the line of herd headers of August and September farrow to write him at once. Only two left and \$40 gets either. The October boars will be priced at \$25 and they should sell quick at that. These boars are sired by Prince O. K. and are from the same lot that buyers have been selecting from for herd headers. Write, addressing as above, and kindly mention The Homestead. See page 20.

Mr. W. W. Wheeler, of Harlan, Iowa, breeder of table-backed Hereford cattle and mastodon Poland China hogs, writes that his sales of both kinds of stock have been the best. His stock is doing well and one of his imported cows has a pair of fine twin calves a month old which are the pride of the farm. A list of twenty-seven buyers who have visited the farm and bought in the last month is enclosed, and while their addresses are not given, we know them to represent a nice constituency of breeders. Write for anything in the line of stock mentioned above to Mr. Wheeler, or visit the farm. See page 20 and kindly mention The Homestead when writing for information to this breeder.

It is now Weighton & Ashby, Audubon, Iowa, breeders of high-class and up-to-date Duroc Jerseys, if you please. No herd in the state has been better known than that of Mr. John Weighton, and no herd has had a greater measure of success, both in the show and sale ring than this herd. Mr. J. B. Ashby, his well-known herdsman, has been taken into the firm, and it will hereafter be known as the Weighton & Ashby herd. This will be a combination that should insure its continued success. This year they have 250 pigs sired by Clearmont's Model (the first-prize Iowa State Fair boar), Proud Advance, Ohio Chief, Tip Top Notcher, I Am Advance, Clearmont Prince, Proud Model and Valley Chief. From these noted herd boars it is fair to presume that they will be out again this fall with something to show the boys. This herd won first last year at the Iowa State Fair on Clearmont's Empress and with her three litter mates they secured second prize on produce of sow at the same show. Clearmont's Model, the first-prize Iowa State Fair boar, heads the herd and is assisted by Proud Model, a son of Proud Advance and out of S. E.'s Model 9th, the \$1,025 sow. They also own S. E.'s Model 8th for which they paid \$600 at the Fagin, Browning & McCabe sale, and she has a litter by the great World's Fair boar, Tip Top Notcher. They also have a daughter of Belle's Perfect King, out of old Pottawatamie Belle, with a good Ohio Chief litter. They also have a litter by Proud Advance, bred the same as their Iowa State Fair litter last year. The latter boar is still doing service in the herd and he has a good bunch

## ONE MONTH FREE



T. F. WILLIAMS, M.D.  
Consulting Physician.

Popejoy, Iowa, March 21, 1906.  
I feel well, so I do not need any more medicine. If I ever have any symptoms again, I shall send for your treatment. I shall highly recommend your medicine to everyone afflicted with that dreadful disease, catarrh.  
Thanking you for your kind attention to my case I will close.

T. A. HANSON.

MRS. E. ELLEFSON.

SEND THE COUPON OR COME TO MY OFFICE.

## FREE TREATMENT COUPON.

DR. T. F. WILLIAMS,  
403 Flynn Bldg., Des Moines, Iowa.  
Please send me Free Symptom Blanks with a view to my taking your free month's treatment.  
NAME .....  
ADDRESS .....

of pigs this season. Few herds have litters sired by as many good and noted boars as will be found in the Weighton & Ashby herd this year. They have two good boars in Proud Model and Clearmont's Model, and they are carrying them along in nice shape for the fall season. They also have a few good sows in preparation for the fall, and they expect to be out to the leading shows this fall. The Weighton & Ashby herd is one of the best Duroc Jersey herds in the state and no breeders in the state have bought better herd boars or better sows for foundation stock. They will be pleased to hear from or have any of the breeders call and see them and inspect the herd. Their advertisement will be found on page 17 of this week's issue.

Messrs. Isaac Novinger & Sons, of Kirksville, Mo., write that their efforts to get their Short-horn herd on a high producing basis are being well rewarded and the calves are coming at the rate of two a day. Their unusual thrift and heartiness is largely due to the good shape in which the herd wintered. Good sales are being made right along and still the assortment offers a fine chance for picking a choice male or female of gilt-edged Scotch breeding. Six females were recently sold to Mr. Amsbaugh, of Kirksville, Mo., and other large buyers were Messrs. M. Beltzer, J. Voss and W. A. Sanborn, of northern Missouri. The fall sale will be held at their farm, the Elm Grove, October 30th. Watch for the notice of this event later. When writing this advertiser kindly mention this paper. See page 17.

Mr. John Norris, of Audubon, Iowa, one of the oldest breeders of Duroc Jerseys in this section of the state, reports sixty spring pigs so far this season. These are sired by Botna Wonder, a son of Crimson Wonder, Model Chief II, and Perfection King, the last two hogs being herd boars at the head of the Johnson Bros. & Newkirk herd. One of his recent purchases is Lucy D. 8th, a daughter of old Advance, and she is a full sister to Proud Advance and has a nice litter of six pigs by Model Chief II. Model Queen, a daughter of Model Chief, and one of the best gilts sold in the Johnson Bros. sale, has a nice litter by Perfection King. He has another splendid sow called Iowa Belle that he purchased of Messrs. Geo. Briggs & Son, and she will farrow a litter in August. This is a most excellent sow all over and is one that can go out in any company. Mr. Norris will make a sale with Mr. James Law, one of his neighbors, and these two gentlemen intend to select the tops of their two herds for the occasion.

## MEDDLER BOARS FOR SALE.

The well-known Poland China breeders, Messrs. Wm. Ray & Son, Defiance, Iowa, write as follows: "We are now offering two good yearling boars for sale sired by the great Meddler 99999, and these will make splendid herd boars. We also offer a yearling boar for sale sired by Perfection I Know 38192, and a few good fall boars sired by Dude's Wonder 42564 and Happy Medium 31334. These are bargains and we will make the prices right if taken soon. We have 100 fine spring pigs and these are sired by our splendid herd boars L. & W. Perfection 32482, Impudence 3d, Dude's Wonder and Perfection L. & W. 42566. We are now booking orders for these pigs and we have some good ones." Anyone who wants a Meddler boar should write Messrs. Ray & Son at once or go and see them. They will do just as they say they will and their prices

For some time I will make the liberal offer of one month's treatment of catarrh of the nose, throat, lungs, bronchial tubes, bowels, stomach or liver. Many cases are cured in one month. You at any rate can test the truth of my statement free of charge, that I can and do cure catarrh in all its forms. Read what cured patients say, then send me the coupon and I will take up your case with you.

I had catarrh of the stomach for years, and could find no relief until I began your treatment and am now perfectly cured. You can refer my case to anyone, and anything I can do for you I will be only too glad to do.

MRS. E. ELLEFSON.

are always right. Write them and mention The Homestead.

NEW CHESTER WHITE SWINE BOOK  
Copyrighted and printed by veteran breeder. Artistic, fully illustrated, national in scope, with 4,000 subscribers' names contained; this book should be in the hands of every breeder of Chester Whites. Full information on every subject in which the hog man is interested from breeding crates to ear tags. Cuts of representative hogs of the breed. If you want your herd represented write Mr. F. F. Moore, Rochester, Ind. Mention Homestead.

## BAYNE HAS FALL BOARS FOR SALE.

With this issue of The Homestead appears the advertisement of Mr. John O. Bayne, of Aurora, Neb., in which he announces that he has two extra good fall boars to sell. They are very growthy and are exceptionally good individuals. They are sired by the great boar, Cole's Duroc, which won first in his class at the Nebraska State Fair in 1904 and their dam was one of the best daughters of the great Orion. He also has about fifty good spring pigs on hand and among them are some good show prospects. Mr. Bayne is now in shape to supply your wants in the Duroc Jersey line and those who are in the market for a good fall boar or a spring pig should write him before buying. When writing please mention The Homestead. See advertisement on page 17.

## MESSRS. MCKERROW &amp; SONS' SHROPSHIRE, OXFORDS AND SOUTHDOWNS.

At Pewaukee, Wis., is situated one of the largest and best-known sheep breeding and importing farms in the West. Under recent date a letter from the establishment reads as follows: "We do not own the earth, or all the good sheep thereon, but do claim to have more high-class Shropshires, Oxford and Southdown rams on our farm than can be found on any farm in America. If you don't believe it come and see. Our new English importation lands in July. We guarantee values in everything we sell. Our English address until June 25 will be Waverly Hotel, Shrewsbury, Eng. Home address, Geo. McKerrrow & Sons, Pewaukee, Wis." Mention The Homestead when writing.

## BLUFF ROAD CHESTER WHITES.

Mr. D. H. Lewis, of Geneseo, Ill., proprietor of the Bluff Road herd of Chester White swine, is offering two of his herd boars for sale in a new advertisement on page 17 of this issue. Mr. Lewis has on hand about 150 head of spring pigs sired by his four herd boars. Neponset Boy was first in junior yearling class at Michigan, Wisconsin, Kentucky and Illinois State Fairs in 1906, and is the sire of ten spring litters. The Winner was the third-prize pig in the under year class at the Illinois State Fair in 1906 in a large show. He is now offered for sale by Mr. Lewis at a reasonable price. There are six spring litters in the herd sired by this boar and a number of the sows sold in the winter brood sow sale were bred to this hog. A very good likeness of this boar appears on another page of this issue. There are five litters by Mear's Medium, a son of the noted Fisher's Medium that as a pig and yearling won first at some of the largest county fairs in Illinois, and was in 1906 pronounced by competent judges one of the best Chester Whites on the Illinois State Fair grounds. His dam, Iowa 2d 32094, was shown at the World's Fair in 1904, winning second in class, second as produce of sow, and was in the young herd which won second. Mr. Lewis is also offering Perfection



tion 16419, another of his herd boars, for sale. There are a number of the spring litters sired by this boar. These boars are offered for sale for no fault, but simply because Mr. Lewis cannot profitably keep so many herd boars. He is also offering for sale fifteen fall and early winter boars and will be pleased to correspond with readers of this paper in search of Chester Whites. Look up his new advertisement on page 17 and write him for particulars, kindly mentioning The Homestead.

#### HEREFORD BULLS AND HEIFERS FOR SALE.

With this week we begin the advertisement of the Messrs Hood & Baker, Dunlap, Iowa, well-known breeders of Hereford cattle and Duroc Jersey hogs. Just now they are offering a splendid bunch of young Hereford bulls for sale, ranging in age from six to twenty months of age. These are all strongly bred in the blood of Anxiety 4th, and one of these is a double-bred Anxiety 4th bull. Two of these are full brothers to the young bulls that they sold in their last June sale for \$250 and \$205, both being sired by Rival 68768, a grandson of Beau Real 3d. They also have a twenty-months old bull sired by Gudgeon & Simpson, a son of Beau Dandy 145564. He is a grandson of Beau Brummel on both sire and dam side. These bulls are just right to go into service, and are priced at a very reasonable figure. They will also sell a few choice heifers bred to St. Elmo of Shadeland 17th, their 2,260 pound herd bull. If any of our Homestead readers are wanting a young bull or a few nice heifers it will pay them to go and see what Messrs. Hood & Baker have to offer.

#### HUFFMAN'S DUROCS.

Few of the younger breeders of Duroc Jerseys in the state have made greater strides in the hog business than has Mr. Claude Huffman, of Scranton, Iowa. A good feeder and an excellent care taker, coupled with a lot of good common sense and a keen judgment, he bids fair to become one of the best of the young breeders in the state. He has about 175 head of hogs on the place this spring and over 100 head of these are spring pigs. For herd boars he is using Proud Orion 31337 and Manly King 50299. The former boar is a son of old Orion and was third-prize pig in six-months-old class at the Iowa State Fair in 1904, and was fifth-prize senior yearling boar at the same show in 1905. Mr. Huffman purchased him of Mr. S. P. Alsins, of Boone, Iowa, and some of the very best sows in the Alsins sale last winter were sired by him. He was purchased late last fall, but Mr. Huffman has eighteen spring pigs by him. His other boar, Manly King, is a son of Manly Orion, the well-known boar at the head of the S. P. Fréed herd. This fellow is a great hog and yet is a very smooth fellow all over. He could easily make this boar weigh 1,000 pounds. His spring pigs are sired by the above two boars, also by Proud Advancer, Ohio Chief II, Crimson Model and old Rural. Mr. Huffman has a splendid two-year-old sow in Malcolm's Maid, a daughter of the Minnesota sweepstakes boar, Dale, and she is out of a daughter of old Malcolm's Model. This sow is bred in the purple and she is an excellent individual and she may be seen at the fairs this fall. This sow farrowed ten pigs last year and raised nine, and this year she has ten pigs by Manly Orion. Mr. Huffman's last sale averaged \$46.15, and considering it was his first brood sow sale was a very good one. He will have some nice stuff to offer the trade this fall and the boys will not make any mistake if they remember him when they want something in his line.

#### A PROMINENT DISPERSION SALE OF SHORT-HORNS.

At Farmersburg, Clayton County, Iowa, on June 14th, Mr. H. H. Diers, whose postoffice is St. Olaf, Iowa, will sell his entire herd of Scotch and Scotch-topped Short-horns, an offering that certainly should attract the attention of those who are in search of some high-class Scotch cattle. As this is our preliminary notice, we shall not enter into detail at this time, but leave that for future articles. We will, however, say that of the forty-one cattle to be dispersed, there is not a plain individual in the bunch. Aside from the fact that they are not only good individually, more than half the offering are Scotch cattle of the most choicely bred sorta. Of the twenty-nine females offered, twenty are Scotch, and of the twelve bulls consigned, six of them are Scotch, so that it will be seen the offering is more than an ordinary one, considering the fact that it is a dispersion sale. At dispersion sales the breeder have an opportunity at the reserve portion of the herd; this is a privilege they cannot enjoy where draft sales are made. In this instance every animal on the farm will be sold but two, and these would be consigned but for the fact that they are badly out of condition and would in no way be desirable to prospective purchasers. For many years the senior Mr. Diers, who was a member of the firm of F. W. Diers & Son, endeavored to breed the best class of cattle that money would procure. The elder member of the firm has retired from actual work and Mr. H. H. Diers finds his duties more than he can successfully attend to and give the Short-horn herd the attention that has been his custom. A number of these Scotch females are descendants of Imp. Sunflower 22d, the highest-priced Scotch cow sold into the state of Iowa in 1895. Mr. Diers paid this long price for this cow because of her superior merit. The best imported bulls have been used, such as Imp. Avalanche, a son of Spicy Monarch, and out of Averno 12th, by British Leader. Spicy Monarch was sold by Mr. Marr to Wm. Duthie; his sire was Spicy Robin and his dam out of Alexandra 20th, a full sister to the Champion Gay Monarch, she by William of Orange, and British Leader was by this same noted bull, William of Orange. Following Avalanche, Imp. Gladstone was used, he by the great bull, Druidstone, his dam being Imp. Snow Lily by Prince of Rettie. Druidstone was by the great bull, Cornerstone, which many American breeders have had occasion to read much of. Following this bull was Imp. Crown Imperial, a son of Village Fancy 2d and out of Imp. Minorka Maid by Crabstone 2d. Minorka Maid belongs to Mr. Cruickshank's Mayflower family. These are the bulls that have been used up to the present time and at present all the females in this offering are bred to that most ex-

cellent bull, Imp. Great North. This is a red bull sired by First Choice, he by Abotsford 2d, his dam, Imp. Blossom 6th, was by Favorite; he by Chamberlain out of Buttermilk 2d and she by Sunray. We speak of these bulls to show that Mr. Diers has never operated on economic lines in an endeavor to build up a herd of Short-horns of the highest type and character. While he has been quietly building this herd, there has not been much noise made about it, hence breeders are apt to overlook this sale by virtue of this reason. It nevertheless is a fact that few breeders can offer a better lot of Scotch cattle than will go through this sale on June 14th. Particulars of some of the animals to be sold during the next two weeks.

#### LAST CALL FOR THE HEALY SOUTH OMAHA SALE.

On Monday, May 27th, Mr. F. P. Healy and a number of other well-known breeders will be at South Omaha, Neb., with a draft of Short-horns, one-half of which are Scotch cattle, and it is one of the best offerings that will be sold at this point this season. Breeders who are in search of herd bulls or cows and heifers should by all means attend this sale. Twenty-seven head are Scotch cattle of the Queen of Beauty, Duchess of Gloster, Orange Blossom, Secret, Foxglove, Mary Ann of Lancaster, Rosebud and other popular Scotch tribes. There will be some well-bred Scotch bulls in the sale, including the five-year-old herd bull, Straight Cruick 191132, belonging to Mr. W. R. Wilson. Mr. Wilson will also sell some younger Scotch bulls, all sired by Straight Cruick, and Mr. E. C. Holland and Mr. F. P. Healy will also have some young Scotch bulls in the sale. Straight Cruick is the bull that has recently headed the W. R. Wilson herd and is a son of Violet's Galahad out of a daughter of Valley Champion. He is a Queen of Beauty and as good a breeding bull as Mr. Wilson ever owned. Mr. Healy sells two good young Duchess of Gloster bulls, both sired by Baron Pride and both out of daughters of Scottish King. Mr. Holland sells a nicely-bred Orange Blossom and an Acorn, both being sired by the Thompson-bred bull, Bold Prince. Mr. Wilson and Mr. Healy are sending some good Scotch cows and heifers to this sale. These are as good as either one of these breeders have in the herd. Mr. Wilson is sending a two-year-old heifer that is good enough to go into the show rings this fall. We called particular attention to these in our last issue, and we now ask all of The Homestead readers who are in need of some more cattle to come out and attend this sale. Messrs. N. D. Merrill, of Creston, Iowa, and J. A. McFarlane, of Fairfield, send some good young bulls to this sale. Mr. F. P. Healy has taken particular pride in bringing to South Omaha a good class of cattle and he has never disappointed his buyers. The offering that he has gathered together for this occasion is as good as he has ever brought to South Omaha, and buyers will say so when they attend the sale. Anyone who is in need of a herd bull or Scotch cows and heifers will find them in this sale. He has issued one of the nicest catalogs that has been gotten out this season and it will be sent for the asking. Write Mr. F. P. Healy, of Bedford, Iowa, for it at once, and kindly mention The Homestead.

#### LAST CALL FOR THE MARTIN ANGUS SALE.

Preeminently the greatest offering of Aberdeen Angus cattle that will go under the hammer this season will be that of Mr. C. J. Martin, at Adaza, Iowa, on Tuesday, May 28th. Every Angus man that possibly can attend should come out to this sale, as it will afford an opportunity to not only witness the sale of what is considered the very best collection of Angus cattle that has passed under the hammer in recent years, but will also enable lovers of Angus cattle to meet with the foremost breeders in this country. Much has already been said about the offering, but for the benefit of those who have not kept in touch with this great event we will again say that it may be considered a Prince Ito 2d offering. Nearly everything in the sale will either be sired by him or bred to him, and it will be a long time again before such an opportunity will be offered to buy the get of the grand champion bull of America. Prince Ito 2d has won his honors in the most fiercely-contested show rings in America, and his winnings at the World's Fair, the American Royal, the International and the leading state fairs stamp him as the premier Aberdeen Angus bull on this side of the water. As a sire he has even surpassed the expectations of his owner, and he will have a string of young heifers and young bulls in this sale that will prove all we have said about him as a sire. All the females not related to him will be bred and about fifteen will have calf at foot by him. The breeder who is wanting a future herd bull will find him in the December calf, Black Defender. He is a son of Prince Ito 2d and his dam is Blackbird 26th, the grand champion World's Fair cow, also included in the sale. Not in recent years has such an opportunity been offered to buy a young bull bred as he is, coupled with an individuality that will make him one of the greatest herd bulls of the future. Mr. Sam Johnson, the well-known herdsman, who has not a superior on this side of the water as an authority or as a fitter of Angus cattle, says that this calf is superior to Prince Ito 2d at his age, and that if he falls into good hands will become one of the future Angus bulls in this country. Mr. Johnson is a man of few words, but when he comes out in a statement of this kind it will certainly have weight among the Angus breeders who know him. There will be several other young bulls in the sale sired by Prince Ito 2d, also a most excellent lot of young heifers. There will be several of his best imported cows in the sale, many of them being the dams of some of the best things in the Martin herd. The great attraction in females, however, will be Blackbird 26th, the grand champion World's Fair cow, and the first grand champion female to ever go under the hammer at a public sale in this country. The record of this great cow, both at the World's Fair, the American Royal and the International and the leading state fairs, stamp her as the greatest Blackbird cow today in America. There will be about fifteen head of Blackbirds in the sale, together with a nice lot of Queen Mothers, Trojan Ericas, Prides, Barbaras, Coquettes, Heatherblooms, Drumin Lucys, Zaras, Maggies and Heroines. The

# PILES NO MONEY TILL CURED.

**FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 352-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.**

**DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.**

TOO LATE TO CLASSIFY.

## THREE SPLENDID FALL BOARS

Sired by I Am a Wonder, a son of the sweepstakes boar Crimson Wonder I Am, and out of the \$1500 sow Ruberta. Come and see these if you want a herd header. Address, F. E. Garrett, Lohrville, Iowa.

## YOUNG HEREFORD BULLS FOR SALE

RANGING in age from 6 to 20 months, all bred in the best blood of Anxiety 4th, and out of daughters and granddaughters of Beau Brummel, Dale 3d and other noted bulls. We will also sell a few choice heifers, bred to St. Elmo of Shadeland 17th, weight 2,260 pounds. Write or come and see us. Address, HOOD & BAKER, DUNLAP, IOWA.

## BLUFF ROAD CHESTER WHITES

I AM offering for sale at reasonable prices The Winner 13765, an Illinois State Fair winner, and Perfection 16419, two of my herd boars. 15 fall and winter boars at prices that will move them. Am booking orders for spring pigs from prize winning ancestry. Write for particulars.

D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.

## TWO YEARLING MEDDLER BOARS

FOR SALE. Sired by the great sweepstakes wonder Meddler 99999. Also one by Perfection I Know 38192, and a few fall boars sired by our Dude's Wonder 42564 and Happy Medium 31334. Also booking orders for spring pigs sired by our great herd boar L. & W. Perfection and Independence 32. Dude's Wonder and Perfection L. & W. Address, WM. RAY & SON, DEFIANCE, IOWA.

man who is wanting to fill out a show herd this year should by all means attend this sale. This is true of the older matrons, and there are several heifers in the offering that can go right into show herds. The Martin offering is unquestionably the greatest lot of Angus cattle that has gone through a public sale ring in recent years. We might go on and enumerate the good things in the sale, but there are so many of them that we will leave it to the personal inspection of the breeders who will attend the sale. We feel certain of one thing, and that is there will be no disappointments when breeders see the cattle. Every arrangement has been made to attend to the wants of the breeders and Mr. Martin extends a cordial invitation to everybody to come to the sale whether they want to buy or not. Kindly write for a copy of the catalog and please mention The Homestead.

#### COL. FRANK O. LOWDEN SELLS SHORT-HORNS.

A sale extraordinary is announced by Col. Frank O. Lowden, of Oregon, Ill., from his celebrated Siniissippi Farm. It has been the aim and ambition of Colonel Lowden to make a sale of Short-horn cattle whereby the public could have an opportunity at a larger number of strictly first-class Short-horns than had yet been their privilege on American soil. It was first contemplated holding a two days' sale, but after due deliberation it was found that in order to offer nothing but Scotch cattle of breeding ages and get the requisite number of cows with calves at foot without offering an animal for which any apology need be made, that a one day's offering of Scotch Short-horns of this high character was all that could be found ready for sale. We believe we are speaking within bounds when the statement is made that there has never yet been an offering in a one day's sale of so many strictly high-class Scotch Short-horn cattle as will be offered from the Siniissippi Farm on June 11th. There will be over forty calves selling with dams and not a female offered but what is in calf or has a calf at foot. There will only be four bulls consigned, each of which is a herd header, and of the entire sixty-five head cataloged there are only two that are not Scotch cattle. The offering is especially attractive in a variety of ways. The highest-priced Short-horn bull of modern times is included in this sale. Who will get him and how much he will sell for is on every tongue in the Short-horn world. The reader can readily guess that this bull can be none other than the invincible white bull, Cumberland's Last 229822. This beautiful white bull that has never suffered defeat in a show ring has been used in the herd with marked success; he is not only a sure breeder, but a sire of calves of a very high class. He is fully in keeping with his stable companion, the \$5,000 Ceremonious Archer. We doubt if there has been a bull of such character and reputation as this fellow offered the public in many years, outside of the single exception of Choice Goods. Cumberland's Last won first in the senior calf class at the International Live Stock Exposition in 1904 and championship at the Iowa State Fair in 1905; also first prize and junior championship at the International in 1905, since which time he has been retired to that high position of chief herd bull, which reputation he has most excellently gained by the good quality of his offspring. We pass this bull for the present for the reason that he will be heard from again during our succeeding issues. The splendid list of two-year-old heifers that are consigned to this sale, sired by Ceremonious Archer, bear evidence that this famous bull is second to none as a sire of choice females. Ceremonious Archer stands without a peer among modern-day Short-horns in the show ring. We present a few of his winnings, both as a calf, as a yearling and a two-year-old. As a calf in 1901 he was first at the Wisconsin State Fair, second at Iowa, first at the American Royal at Kansas City and first at the International in Chicago. As a yearling in 1902 we find this unbroken record: First at each and all of the following shows: Iowa, Minnesota, Kentucky and American Royal; junior champion, Wisconsin, Illinois and at the

## CRUICKSHANK ....Herd Bulls....

FIVE Top Notchers, four reds and one dark roan, one Lavender, one Victoria, one Dorothy, one Mary Anne and one Splenwort or Secret. These bulls will compare favorably with the best. If you have any doubt, say, just come and we will take pleasure in showing you. We are from Missouri.

ISAAC A. NOVINGER & SONS, Kirksville, Adair Co., Missouri.

#### CLAREMONT

HOMER of S. E. Model VIII and IX, Claremont Model, Proud Model and Proud Advancer. 250 pigs of spring crop. 7 fall boars for sale. Orders booked for future delivery. Address: Weighon & Ashby, Audubon, Iowa.

## TWO GOOD SHORT-HORN BULLS

FOR SALE at the Pike timber stock farm. Both red Scotch topped young Marys, one a yearling, the other nearly two years old.

T. A. DAVENPORT, BELMOND, IA.

## NORTH BLUE DUROC JERSEYS

MY herd is headed by Echo Wilkes, the \$305 male pig, 120 pigs on hand, mostly of early farrow. I can supply your wants, be they large or small. Write me your wants and mention The Homestead. Chas. Liebhart, Marquette, Neb.

## SUTTON HERD OF DUROC JERSEYS

HELD headed by Brooklyn Boy by Keep On. I have 120 good pigs on hand and will book your order for one at any time. Write me and mention The Homestead.

CHAS. VAN PATTEN, SUTTON, NEB.

BAYNE'S Duroc Jerseys. I have 2 extra good fall boars; will price at a very reasonable figure if taken at once. Are bred right and good individuals. Write for prices and description. John O. Bayne, Aurora, Neb.

Chicago International. As a two-year-old he was first at Lexington, Ky., first and senior champion at Kentucky, Missouri, Iowa, Wisconsin, American Royal and Chicago International; first at Minnesota State Fair, Indiana and Illinois. This is an unbroken record second to no bull of his age in modern times. We speak of these two bulls at this time for the reason that all of the cows in this sale of sixty-five head, numbering sixty-one, are bred to the two above bulls. It is certainly worth the while of every breeder who expects to buy high-class Scotch Short-horns in the near future to keep in mind the fact that there never has been such an opportunity nor such a large field to select from of cows bred to bulls of the great prominence possessed by Cumberland's Last and Ceremonious Archer. Detailed mention of this superb offering is withheld for the two succeeding issues of this paper. The success of Colonel Lowden in building up his herd is in a large measure due to his able lieutenant, Mr. Thomas Stanton, the present manager, who has made practically all of the purchases for the Siniissippi herd. Colonel Lowden is not unmindful of the good work done by Mr. Stanton and gives him much credit for the very useful and profitable Scotch Short-horns selected by the latter. Mr. Stanton will manage the sale, however, after which he goes in business for himself, having formed an association with Dr. Earles, of Milwaukee, Wis. After the 1st of July Mr. Stanton will have charge of the famous Burwood Stock Farm, at Milwaukee, Wis., where he will have an opportunity to build up another herd on the same lines as the Siniissippi. The sale catalog of the Siniissippi sale is now ready to mail and should be an encyclopedia of Scotch breeding second to nothing that has ever been presented to American people. Watch future issues of this paper for more particulars concerning this phenomenal offering of Scotch Short-horns and make arrangements to attend this sale June 11th, as it will doubtless be one of the great days in Short-horn history. See advertisement on page 18.



# OFFERING OF SCOTCH SHORT-HORNS

## EXTRAORDINARY

..... FROM SINNISSIPPI FARM AT CHICAGO, ILLINOIS, JUNE 11, 1907 .....

On June 11th I will sell 65 head, 4 bulls and 61 cows and heifers. All of breeding ages. Forty females have calves at foot, and all are bred to Ceremonious Archer, Cumberland's Last, or other noted bulls.

**JUNE  
11,  
1907**

**E**VERY female is fit to grace any herd and every bull a herd header, including Cumberland's Last. Many of the best imported females from Aberdeenshire and the cream of America's best breeding establishments are to be found in this consignment. I am told that no breeder ever offered at one day's sale the equal of this selection (numbers considered). Every animal is of breeding age. It has been my ambition to sell an offering of Scotch cattle second to none. In parting with Cumberland's Last I am selling what I believe to be the best individual Short-horn bull I have ever seen. His calves are very promising. Every breeder and admirer of Short-horn cattle in America is earnestly invited to be with me at Chicago, Ill., June 11, 1907, to inspect these cattle.

**JUNE  
11,  
1907**

**F. O. LOWDEN,**  
THOS. STANTON, MANAGER.

**OREGON, ILLINOIS.**  
COLS. WOODS, BELLOWS, JONES AND GARDNER, AUCTIONEERS.

## Dispersion Sale of Scotch and Scotch Topped SHORT-HORNS

ON JUNE 14th

at Farmersburg, Clayton County, Iowa,

I will disperse my entire herd of Scotch and Scotch topped Short-horn cattle, consisting of

**29 FEMALES AND 12 BULLS**



**T**HERE will be 20 Scotch females and 6 Scotch bulls in the offering, among which are as good Scotch Short-horns as are to be found in America to-day. The cows are in calf to Imp. Great North 179848. This is the best lot of Scotch cattle ever offered in this section of Iowa. Farmers-

burg is on the Elkader branch of the Milwaukee system southwest of North McGregor, Ia. Parties from Illinois, Wisconsin and Iowa will find this a convenient point to reach by way of the Milwaukee system. Good judges pronounce much show material in this offering. All parties from the west coming the night before the sale should get off at Monona, where free livery will be in waiting the following morning for the sale. All others from the southeast and north get off at North McGregor and arrive at Farmersburg at 10 o'clock the morning of the sale.

**H. H. DIERS, Proprietor.**

Auctioneers: Cols. F. M. Woods, R. W. Barclay and F. O. Cubbage.

### The Dispersion of the Canna Hill Herd of Short-horns.

On Saturday, June 8th, at his farm near New York, Iowa, Mr. W. E. Cutler, of Corydon, Iowa, will disperse his herd of Short-horn cattle. The Canna Hill herd is one of the best herds of Short-horns in southern Iowa, and its owner has been one of the most painstaking and reliable breeders. Ill health, both of himself and wife, is the reason for dispersing his herd at this time, and were it not for this they would never be sold. There will be forty-five head in the sale. Thirteen of these will be bulls and the rest are cows and heifers. At the head of the herd stands the pure Cruickshank bull, Baron Victor 250111, a royally-bred Victoria and one of the best herd bulls to be sold this year. This bull will be three years old in October, is red in color and an excellent individual. Mr. Cutler had visited many of the leading Short-horn herds before he got his eye on this bull, and when he did he had to top the M. L. Logan sale in order to get him. Short-horn breeders who are in search of a herd bull will find here an animal that is fit to head any herd. His breeding is strictly all right, and as an individual he is away ahead of the average herd bull sold in public sales. He will be bred to most of the cows and heifers in the sale and some will have calves at foot by that time. The bull that formerly headed the herd was Victor Maple 203379, a son of Mr. Geo. Bothwell's noted Grand Victor, and many of the heifers and young bulls in the sale are sired by him. This bull was purchased by Mr. C. A. Saunders, of Manilla, Iowa, and he is doing service now at the well-known Greeley Stock Farm. The bull used before him was Vallery 2d, a grandson of Victor Mysie 2d, bred by Messrs. S. H. Thompson & Son. Several of the young bulls and heifers in the sale are also sired by this bull. Breeders may thus realize that this herd has been well topped by the best bulls that judgment and money could buy. The Scotch tribes represented are Rosemary, Victoria and Lavender families. Among the Victorias is Victoria Funke 7th, a three-year-old daughter of Golden Champion. This heifer was purchased by that well-known breeder, Mr. Ernest Funke, and she has a bull calf at side by Victor Maple. Miss Lavender 2d is a five-year-old daughter of Imp. Fairhaven. She was bred by Uncle Benny Whitsitt, of Preemption, Ill., and is one of those well-known Lavenders. She will have a heifer calf at foot. There are a couple of Cruickshank Rosemarys in the offering, one of which is sired by Victor Maple, the other by the B. O. Cowan bull, Pilot. There will be a splendid lot of heifers in the sale by Vallery 2d that are just right for some man who is starting a herd. One of the best individuals in the sale is Canna Hill Lady, a daughter of Vallery 2d. She will be safe in calf to Baron Victor. One very noticeable thing in the Cutler herd is the number of large, roomy cows and most excellent milkers. There are a choice lot of young bulls in the sale, about thirteen in all. This sale will be a splendid place to get some bargains. Readers of this paper should write for a copy of the catalog and if they are in need of some good cattle we

will recommend that they attend this sale. Kindly mention this paper when writing.

### Grant Hockett's Duroc Jerseys.

A representative of The Homestead whiled away a few hours recently with Mr. Grant Hockett, of Manning, Iowa, owner of the "Old Gold" herd of Durocs. Mr. Hockett is in the swim this season and has never had a better prospect, so far as spring pigs go. He will not be behind the procession when it comes to herd boars, either. His purchase last year of I Am Advance, from the Messrs. Johnson Bros. & Newkirk, was a wise move, and this boar made a most favorable impression on breeders at his winter sale. This boar has had a great come out to him, and is going to make the strongest competition in the aged class this year. Mr. Hockett has used considerable caution in carrying him along, and he is today in ideal condition, without being loaded with surplus flesh. He is a son of the old sweepstakes boar, Advance, and is out of Lucy D. II., and is therefore a full brother to Proud Advance, Reed's Banker and other well-known boars. He is a boar that breeders must reckon with this fall at the fairs, so they may as well keep their eye on him. He recently purchased Chick's Chief 16043, a son of Ohio Chief and out of Chick's Belle by Orion II. He is a full brother to Ohio Chief II., now at the head of the Proud Advance Stock Company herds at Shannon City. This is a well-bred hog, and four of his litter sisters were premier champion sows at the World's Fair at St. Louis. He is not so large a hog as I Am Advance, but is a hog of lots of quality. He was secured to cross on the get of the latter boar. These two boars are now the herd boars in the Hockett herd. He has 125 spring pigs and he has a nice crop that show much promise. These are sired by I Am Advance, Crimson W., a son of Crimson Wonder, E. L. Perfection, a son of old Rural, and he also has litters by Waverland Ohio Chief 10th, Proud Advance Jr., Clearmont's Model (the first-prize Iowa State Fair boar), Advance Dandelion, Perfection Boy and Royal Finch, a son of old Gold Finch. He has some good yearling sows that he is feeding along for the fall shows, and he also has about twenty fall sows that he will hold for his next year's sale. We have known the Hockett herd for these many years, and we can say that we have never seen it when the prospects looked more encouraging. If nothing happens to Mr. Hockett this season he ought to be able to show the boys some good things this fall.

### The Cherry Grove Short-horn Sale.

With the exception of dispersion sales it is doubtful if any Short-horn sale of the year contains as many sons and daughters of a noted bull as does the forthcoming Cherry Grove Short-horn sale. Mr. Milton E. Jones of Williamsville, Ill., the proprietor of this noted herd, has made more than an even division of the get of Imp. Lord Banff with the Short-horn breeders of America in making up the list for his sale to be held



NEBRASKA'S  
GREATEST  
AUCTION OF



Trains arrive from the west:  
7:10 A. M., 3:08 P. M., 4:08 P. M.  
Trains arrive from the east:  
12:55 P. M., 2:17 P. M., 10:08 P. M.

AUCTIONEERS:  
Cols. Geo. P. Bellows, M. W. Harding,  
C. H. Marion and C. B. Clark.

# SCOTCH AND SCOTCH TOPPED SHORT-HORNS FORTY HEAD

To be held in Sale Pavilion at  
Humboldt, Neb., May 28, '07

LOOK OVER THE PEDIGREE OF MY HERD HEADER

## SECRET CHAMPION 245142.

Red; calved May 15, 1904, bred by Owens Bros., Homestead, Iowa.  
DAMS. Sires. BREEDERS.  
Got by Baron Secret 169525..... R. E. Owens  
Champion Duchess..... Champion 118343..... J. S. McAnley  
60th Duchess of Gloster..... Imp. Chief Baron 90991..... A. Cruickshank  
Imp. 33d Duchess of Gloster (Gondolier 98287)..... A. Cruickshank  
30th Duchess of Gloster..... Chancellor 68693..... A. Cruickshank  
21st Duchess of Gloster..... Barrington Prince 45247..... A. Cruickshank  
Duchess of Gloster 13th..... Grand Duke of Gloster 19900..... A. Cruickshank  
Duchess of Gloster 12th..... Champion of England 17526..... A. Cruickshank

WRITE FOR CATALOG, ADDRESSING

Henry Kuper, Humboldt, Neb.

The young bulls included are an especially strong lot and are in just proper form to be put into service. I wish to call attention to such cows as Mysie Grace that will be sold with twin bull calves at foot. Scottish Daybreak, Prophetess, Red Butterfly, and many others which represent as good blood as will go through a sale ring this year.

## .... DISPERSION SALE .... OF THE "CANNA HILL" HERD

# Short-horn Cattle

SCOTCH AND SCOTCH TOPPED  
New York, Ia., Saturday, June 8, 1907

Located 10 miles south of Chariton, Ia., 10 miles northeast of Corydon, Ia.

LOT 1. **BARON VICTOR 250111.**  
Red; calved Oct. 2, 1904. Bred by M. L. Logan, Lineville, Iowa.  
Dam Sire Breeder  
Got by Victor Knight 177893..... J. W. Smith & Son  
Victoria of Meadow Farm 4th Baron Goldust 3d 127367..... Forbes Bros.  
Victoria of Meadow Farm .. Lord of Linwood 93476..... W. A. Harris  
Victoria of Glenwood 5th .. Earl Marshall 92167..... Wm. Duthie  
Victoria Veach ..... Favorite 5641 ..... Wm. Duthie  
Imp. Victoria 73d ..... Roan Gauntlet 45276 ..... A. Cruickshank

**45 HEAD--13 bulls including my Cruickshank  
Herd Bull, 20 cows, 12 choice  
two year old Heifers.**

BARON VICTOR 250111, considered one of the best Cruickshank Victoria bulls in Iowa, will also be sold. There will be eight head of Scotch cattle of the Victoria, Rosemary and Lavender tribes in the sale. The rest are well Scotch-topped. Most of the young things are sired by Victor Maple, a son of George Bothwell's Grand Victor, and Vallency 2d both richly bred Victoria bulls. My cattle are good milkers and there will be some excellent cows and some very choice heifers in the sale. While I am dispersing my herd I am also guaranteeing everything, and it will be a splendid opportunity to buy Short-horn cattle. Parties from a distance can come to Chariton and stop at the Bates House or at the Rhea hotel, Corydon, Iowa, at my expense, and there will be free conveyance to and from the farm. Address me for catalog as follows:

**W. E. CUTLER, - CORYDON, IA.**

Col. Geo. P. Bellows, Auct., Fennell and Hasbrouck, Assistants.

on Tuesday, June 4. There are many animals included in this sale that will prove their value in the show ring, as well as in the breeding herd, and the large number of calves at foot by Lord Banff, make it one of the most valuable offerings of the year. Mr. Jones is not expecting sensational prices, but the cattle listed are worthy the attention of all Short-horn breeders. There are a number of large bull calves to be sold with their dams in this offering that are sired by Lord Banff and in view of the fact that out of the season's crop of bull calves Mr. Jones was only able to retain two, and these after refusal to place a price on them, is evidence of the many bargains found in this lot. Nearly every female of breeding age is either safe in calf or has calf at side. We wish to direct the attention of our readers to some of the females which have been sent forward in this sale. Imp. Scottish Rose is a daughter of Earl Marshall, a Duthie-bred bull of practically the same breeding as Marengo. This cow has been a wonderful breeder. Her first bull calf was Imp. Scottish Principal, a bull used in Cherry Grove herd for two years and sold in the last sale from this herd, to Judge A. K. Vickers, of Vienna, Ill., at \$530. Her second bull calf is Fire King, a bull which Mr. Jones has used in the herd with very good results, and included in this auction. Her last bull calf is being retained for use in the herd, while her daughter Mr. Jones considers the best daughter of Lord Banff in the herd and has sent her to be bred to Lavender Viscount. She now sells with a beautiful red roan heifer calf at foot by Lord Banff, and

should prove a valuable addition to any herd. May Violet 2d belongs to the Cruickshank Violet family and comes from the noted Tebo Lawn herd. She has a good bull calf of the herd-header sort at foot by Lord Banff, and is one of the attractions of the offering. Imp. Golden Welcome 3d is another attractive proposition. She was imported by Mr. Jones and in his opinion is one of the best females which he ever had in his herd. She has a beautiful heifer calf at foot by Lord Banff, and a yearling bull calf by Lord Banff out of her is also included in the sale. Good Lassie by Imp. Choice Goods is one of the desirable things in the auction. Her dam was placed in Teho Lawn herd at a cost of \$2,000, and she is of the Cruickshank Victoria family, so highly prized by the late Colonel Casey. She sells with an extra good October bull calf at foot, Choice Prince, by Prince of Tebo Lawn. Ruby of Fairview is a cow of superior merit. She is included in this sale owing to the fact that Mr. Jones wishes to give Short-horn breeders an opportunity to secure some of his best females at their own price. She has a red bull calf at foot by Lord Banff, and has herself been an International and Royal winner. Fancy 26th by Royal Wonder and out of Imp. Fancy 25th is a three-year-old Scotch cow, and has a very good bull calf at foot by Lord Banff. The breeder in search of a herd bull will find a bargain in this pair. Bull calves dropped in November are not often sold with their dams, and this pair should be appreciated. Scottish Rose 4th is a daughter of Lord Banff just two years old. Her dam was Scottish Rose 2d

by Imp. Chamberlain's Heir 2d, a bull personally selected by Mr. Jones from the herd of Mr. Philo Mills and used with much success in Cherry Grove herd. Anyone in the market for a good Scotch heifer will be pleased with this one. Queen Cup Bearer by Imp. Cup Bearer is one of the old stand-bys in this herd. She is the dam of Cherry Grove Banff 3d, the bull which now heads the well-known herd of Mr. Walter Teel, of Rushville, and Mr. Jones sold another of her bull calves at \$800. Sarepta May 6th by Nonpareil Prince 2d and out of Sarepta May by Prince Bishop 2d by Imp. Prince Bishop belongs to the Cruickshank Secret tribe, and sells with a red heifer calf at foot by Lord Banff. Another of this good family by Lord Banff. She is Cherry Sarepta 2d by Lord Banff. She is a heifer of show-yard merit and her breeding cannot be excelled. Pomegranate's Pride is a good red heifer by Prince of Tebo Lawn. Mr. Jones, it will be remembered, was one of the most liberal buyers in the dispersion of sale of Tebo Lawn herd, securing many of the best cattle included in this noted herd. In order that breeders may secure something from this herd Mr. Jones has listed this heifer and is retaining her dam and full sister in the herd. Constance Cherry by Imp. Bapton Spice sells with an eight months calf at side by Lord Banff. Seldom is such value found in an auction as in this one, when bulls practically ready for service sired by such a noted bull as Lord Banff are offered with their dams. Jessie R. is a daughter of Golden Charity Prince, the good bull at the head of the Short-horn herd owned by Mr. W. B. Rigg and out of Jessie by

Spartan Cupbearer, one of the best sons of Imp. Cupbearer. She is a thick-fleshed, smooth young cow and has an August heifer calf at foot by Lord Banff. This is an attractive proposition and should not be overlooked sale day. There are a number of daughters of Lord Banff included in the offering. Breeders are loath to include females by noted herd bulls, such as Lord Banff, in public sales and seldom part with them, but Mr. Jones is anxious that those present at his sale should be pleased, and to this end is listing some of his best cattle. Many of these will probably sell at prices within the reach of all, and this opportunity should not be overlooked. The bull consignment is the strongest yet made from Cherry Grove. Sons of Lord Banff that have been used with much success in the herd are listed, and the breeder in search of a herd bull will find in this auction bulls that will fill the wants of the most discriminating buyers. Further mention of these will be made in our next issue. The catalogs will be sent to all who will write as per the announcement on last page of this issue. Write for one at once, kindly mentioning this paper, and plan to be present sale day. The sale will be held at the farm, adjoining Williams-ville, Ill., and parties from a distance can easily reach this point by coming to Springfield and taking the interurban cars. Lord Banff was never in better breeding condition than at present and the breeding herd is one of the best in this country. Those attending the sale will have an opportunity to inspect this herd, the reputation of which is known to all Short-horn breeders.

## A PARTIAL DISPERSION

— OF THE —

Thomas, Jameson and Mitchell

HERD OF

# SHORT-HORNS

In Sale Pavilion, at Kansas City, Mo.,  
Thursday, June 13, '07.

50

HEAD. 30 straight Cruickshank and Scotch; also the famous Barrister Young Marys.  
45 Cows and two year old heifers, all in calf to or with calves at foot by our great herd bulls, Orange Viscount or White Goods.

50

Attention is called to the following great brood cows: Duchess of Gloster 45th, and bull calf by White Goods; 47th Duchess of Gloster, a show heifer that has always stood first or second in the big shows; Imp. Bessie 51st, bred by Mr. Marr. She is the dam of White Goods; Sunbeam, a Secret, with bull calf by White Goods; Rose of Strathleven and heifer calf by Orange Viscount; this is one of the greatest cows of the breed; Cowslip's Pride, a Clipper, with show heifer by White Goods; Gratitude 2d, a Brawith Bud, with bull calf by White Goods; Lavender Bud, with bull calf by White Goods; she is the dam of our 1905 and 1906 show heifer. Ten two-year-old daughters of Orange Viscount all alike and all in calf to the show bull White Goods. Such a line of pure Cruickshank and Scotch cattle have not been offered in recent years if ever in a single sale in America. The famous Barrister Young Marys, all of one type will be found as great a lot of square framed, thick-fleshed cattle as are often found.

## 5 - BULLS - 5

Our herd bulls, Orange Viscount, a straight Cruickshank Orange Blossom bull, got by the Champion Lavender Viscount, and White Goods got by the champion Choice Goods and out of Imp. Bessie 51st, by Sittytton Pride are included. Two such herd bulls will not soon again be exposed at public treaty. The others are desirable young Scotch bulls, just of serviceable ages. Write today for illustrated catalog which gives complete information mentioning this paper.

**S. D. MITCHELL, MGR.,**

ALLEN, - - - - KANSAS.

Auctioneers, Col. Bellows and others.



POLAND CHINA HOGS.

MEDDLER FALL BOARS

AT BARGAIN PRICES

UT of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. **MUST BE SOLD** to make room for show herd and spring pigs now on hand.

H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA

Mention The Homestead.

45

POLAND CHINA BOARS

45

Sired by Impudence 97557, Medler 99999, Dakota Chief 2d 35077, It's Perfection 39012 out of Nemo L's Dude, Tecumseh and Perfection sows. Write us. We can suit you. Address,

WM. RAY & SON, DEFIANCE, IOWA.

POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address,

J. L. SLICK, LANARK, ILL.

Twenty years a breeder.

RED POLLED ATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. I.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good, large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

OTHO BOYD, Virginln, Neb.

Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

SHADY Lane herd of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. I. & P. Railways.

RED POLLED CATTLE FOR SALE.

Both sexes, at reasonable prices. Frank L. Pim, Lucas, Iowa.

RED POLLED BULLS for sale cheap. Also 30 coming 2 year old males and horses. W. H. Hazlet, Leon, Iowa.

Tatro's Chester Whites.

A herd of Chester Whites that deserves much attention from leading breeders is that of Mr. F. C. Tatro, of Geneva, Neb. It will be remembered by those who visited the late Nebraska State Fairs, that from this herd came the great boar, Extra Finish 7607, conceded one of the largest prize-winning boars known to this breed. Extra Finish was a hog of much scale, weighing 1,200 pounds in show condition last fall and as a breeder we find after a careful inspection of this herd that he has a right to be ranked among the very best. Most of the breeding stock on the place at present are daughters of this animal reproduces himself on the greater part of his get. Mr. Tatro had the misfortune to lose this great hog, but he leaves a number of his get that will mark the Chester business for many years to come. At the head of this herd at the present time is Teddy R., a son of Combination 12313, he by Alto H. and having for his dam Sue 17572 by Tom Thumb. This young hog was good enough to win first at the Nebraska State Fair last fall and the majority of this year's crop of pigs are from him. We are not overestimating when we say that he has one of the most uniform lots of pigs to his credit that we have seen produced by one boar this season. Among the many good sows now on the Tatro farm we wish to call the attention of our readers to Josie 10606, a daughter of Iowa Chief. Her dam was Queen by Duke of Mirable. As a brood sow we consider her a wonder, having farrowed four litters of sixteen pigs each time, and this spring she capped the climax by farrowing twenty. It would seem to the average breeder that from such large litters, good pigs could not be produced, but not so with this sow, for she has produced many pigs that were capable of winning in the hottest shows. Another of the good producers now on the place is Mandy 18832, she by Jester 8319. Her dam was Lady by Chester County Lad. A litter shown at Nebraska last fall from this sow won the following places in the under six months class: second on boar, fourth on produce of sow, fourth on get of sire. She now has a litter by Teddy R. and they are hummers. Eleven sows at the Tatro farm this spring farrowed 156 pigs, which is a wonderful record. Mr. Tatro is now booking orders for spring pigs in pairs or trios, just to suit the buyer. He ships nothing but the very best and the earlier you get in your order the better it will be. Write him for prices and mention The Homestead. At this place you will also find a grand lot of Rose Comb White Leghorn chickens, which would be sure to interest anyone raising this kind of fowl. They would be glad to book your order for 100 eggs, which can be bought for \$4.00.

POLAND CHINA FALL BOARS FOR SALE

I HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd leaders. I will also offer my herd boar Neb. E. L., he by Perfection E. L. He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead.

E. F. JACKSON, Raymond, Neb.

HORNUNG'S BIG BONED POLAND CHINAS

I HAVE 75 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd leaders. I will book your order for a good one at once if you want your pick. Nothing but the very best will be shipped. Write me and mention The Homestead.

ERNEST HORNUNG, RAYMOND, NEB.

BIG-BONED PROLIFIC POLAND CHINAS

I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me book your order for a good pig.

H. L. McKelvie, Fairfield, Neb.

STANDARD HERD of Poland Chinas.

I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo L's Dude. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address,

GEO. E. PATCH, Blandinsville, Illinois.

POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

FALL BOARS FOR SALE

Ready for service, weighing 200 lbs. or better, farrowed September 1906, sired by Enough Perfection 100205 and Preamble 100203. All out of mature sows. These are the kind you are looking for. Write for prices. Shipped on approval. L. S. Fisher & Sons, Edgewood, Iowa.

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100 CHESTER WHITE

March Pigs and More Coming

Sired by such noted boars as Pioneer, Neponset, Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also live September yearling boars in good condition. Write or call.

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BREEDER and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish. Write for Prices and Catalog.

Improved Chester White Gilts

At a bargain, bred for June farrow to Crescent Alex. son of sweepstakes hog at Nebraska state fair. Gilts are sired by Look Out 2d. Write at once.

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J. J. LEHR, Ransom, Ill., is offering 6 Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. R. eggs, \$1.50 per 15. Mention Homestead.

CHESTER WHITES

100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Aug. and Sept. gilts, very growthy and to farrow in August. Prices reasonable.

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I PAY EXPRESS

charges, and ship C. O. D. CHOICE CHESTER WHITE PIGS, either sex no akin

B. M. BOYER, Farmington, Van Buren Co., Iowa

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For sale of the long heavy boned, prolific kind. Address, Allen Bros., Russell, Iowa.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

CHESTER WHITE HOGS.

MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.

ERNEST L. MEAR, NEPONSET, ILLINOIS.

MODELER 13235

The sensational record breaker of 1906 at head of herd.

FOR SALE. Ten choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. & Sept. farrow. Ten extra good fall boars litter mates to above gilts, guaranteed as represented. Illustrated catalog free. W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA.

Bluff Road Herd of Pure Bred Improved Chester White Swine.

I NOW have for sale some good fall pigs, and am booking orders for spring pigs to be shipped at three months old.

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STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All hogs are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Kaiser and Perfection.

FISHER LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

IMPROVED CHESTER WHITE SWINE.

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 13223, a grandson of Luverne King 12757, heads the herd. Address,

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85 SPRING pigs on hand to supply the season's trade. I am booking orders for spring pigs sired by Teddy R., 1st prize hog in class at Nebraska State Fair. I breed for size and quality. Write me your wants and mention The Homestead.

F. C. Tatro, Geneva, Nebraska.

Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

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150 HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock.

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EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

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from 6 to 14 months old, sired by

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Beau Donald Bulls Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cudillac, Archibald and Hesiod cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd leaders in the bunch. Come and see them or write us at once.

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ST. ELMO 13th 72074, KEEP ON 23d 125151 AND TROT ON 181064 HEAD HERD. 20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr. A finer string of range bulls cannot be found. Some herd bull material will be found among these. Come and see them as they are right every way. Visitors met at Grant City on C., B. & Q., or Sheridan on C. G. W.

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40 Choice Hereford Bulls

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RANGING in age from twelve months to two years. All sired by prize-winners.

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HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-15582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

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Stock that will please you at prices you can afford to pay. SCOTCH-TOPPED BULLS AND FEMALES FOR SALE.

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of the most fashionable families, Blackbird, Trojan Ericas, Prides, Queen Mothers, Heatherblooms, Drumin Lucy, Barbara, Coquette, Zara, Maggie and Heroine. Every animal in the sale will either be a son or daughter or have a calf at foot, or bred to Prince Ito 2d. Rarely, if ever before, was there such an opportunity to get the blood of the greatest show cattle the world has ever seen. You will find in every family more individual merit than ever seen in any sale before. Anyone looking for a crackerjack

bull, all in a class by himself, anyone looking for show cows, anyone looking for a two-year-old yearling calf, here is where you can select for the show at your own price. If you want to see the greatest lot of cattle ever offered in one draft from one man's herd, come to this sale; if you don't find the goods, your expenses will be refunded. You will find what will please the old breeder, the young breeder, the new beginner, and the farmer. Let every lover of Aberdeen Angus cattle be present, if you should like the best object lesson in Aberdeen Angus cattle Iowa has ever exhibited. I cordially invite all who are interested in good cattle to attend the sale.

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6 Good Duroc Jersey Fall Boars for Sale. I HAVE 6 extra good fall boars that I will price right if taken at once. They are sired by such boars as Fancy Crimson Wonder and Crimson Wonder's Brother. Write me for prices and description. We will also breed a limited number of sows to Lincoln Wonder by Ohio Chief at \$100 each. W. A. KIRKPATRICK, Lincoln, Neb. A. WILSON, BETHANY, NEB.

EVERGREEN STOCK FARM DUROCS. 100 GOOD pigs on hand. Herd represents best blood known to the breed. I am booking orders for spring pigs. Prices reasonable. Representation guaranteed. Mention Homestead when writing. W. H. CUMMINGS & SON, Tecumseh, Neb.

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DUROC JERSEY BRED SOWS. I AM OFFERING THREE SOWS FOR JULY farrow, and I am now booking orders for fall farrow. Only the best strains in my herd. AUSTIN RENSCHAW, BLAIR, NEB.

RUSSELL'S DUROC - JERSEYS. GLENDALE CRITIC, the greatest son of Crimson Wonder, at head of herd. Booking orders for fall delivery. 125 pigs to pick from. Address, E. Z. RUSSELL, BLAIR, NEB.

Three Ohio Chief Boars for sale. Two fall boars and one yearling. Write me at once. C. F. KIRK, Ponca, Nebraska.

BRED SOWS and gilts all sold. Ninety-nine and more coming. Bred by Jack Orion and Ind. Chief 52273. Booking orders for spring pigs, and they are DUROCS. J. W. Briggs, Alden, Iowa.

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HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices. McNEIL BROTHERS, BOWEN, ILL.

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GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address, FAGAN, BROWNING & McCABE, HERSMAN, ILL.

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HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good. L. E. Thomas, Golden, Illinois. R. E. Hogsett, La Prairie, Illinois.

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HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address, AMOS W. HARRIS & SONS, WAVERLY, KY.

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12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead. U. G. DAVIDSON, MANSON, IOWA.

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THEY are good ones, got by Perfection Chief 28367, and Choice Goods 43367, a litter brother to W. L. A's Choice Goods. Write me if you want something good at a moderate price. GEO. M. McMURRY, MARYVILLE, MO.

## 25 Duroc Jersey Bred Gilts 25

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. Geo. L. Reed, Sumner, Nebraska. Odell, Ill.

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

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J. H. ROBERTS & SON, PATON, IOWA. CHOICE Duroc Jerseys. Boars and sows all sold. Visitors welcome at all times.

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150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHER & SON, MACON, ILL.

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I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs. H. B. GRIFFITHS, Bowen, Ill.

## Village Stock Farm, Carlinville, Ill.

HAS a few October boars. Will also take orders for spring pigs. Write your wants. Comer & Gilliland, Carlinville, Ill.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

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## Crimson Wonder Again 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1904, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address, H. S. ALLEN, RUSSELL, IA. On main line C. B. & Q. R. R.

## Red Oak Herd

OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, phone, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. TROY & BROS., PROPS., Rosehill, Mahaska Co., Iowa.

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80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25803, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAG CITY, IOWA.

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THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited. F. H. HERLING, Kalona, Iowa. Shipping point Iowa City.

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Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

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WE have several good Boars sired by Royal Top Notcher 23639, Sire Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

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OUT of Orion dams for sale. The same combination that has produced most of the noted winners. Write us. MANLEY & CO., LYONS, NEB.

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THE home of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN, Waterloo, Neb.

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FOR SALE-Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Fall boars by Proud Advance and Teddy II. Few sows bred to Ohio Chief II for summer farrow. Write or visit.

## FALL BOARS

BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher Again. Prices reasonable. W. J. Prather, Russell, Iowa

## HILLHURST HERD DUROC JERSEYS.

FALL BOARS for sale sired by Red Knight Again 43325, and yearling sows sired by Crimson Wonder I Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped. AUGUST VOGEL, PORTSMOUTH, IA.

DUROC JERSEY fall boars for sale. We have a few extra good fall boars that we will price reasonable to early buyers. They are sired by such boars as Jumbo's Perfection, 1st prize 2 years in succession at Nebraska State Fair. Others by Hambleton, 1st prize yearling at Nebraska. Write us at once for prices. H. B. Louden & Son, Clay Center, Neb.

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# PUBLIC SALE OF SHORT-HORNS AT SOUTH OMAHA, NEB.

MONDAY, MAY 27, 1907

## 27 HEAD OF SCOTCH CATTLE 27

Eleven of which are bulls, many of them suitable for herd headers. The balance of the 50 head to be sold are Scotch topped. These cattle are choice selections from the herds of

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N. D. MERRILL, Creston, Iowa. J. A. McFARLANE, Fairfield, Neb.

Several of the cows have calves at foot, and are bred again to Scotch bulls. Write for catalog. Address

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## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J. M. H. and Mike Donohoe and John and Michael Cash of Holbrook,  
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175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aberlour 41201,  
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DUNNING, JOHNSON & ALLEN GREEN, IOWA

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Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull.  
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## PARADISE STOCK FARM

PRIDE'S ALBION 5th 53114, their double Pride  
herd bull, cash, or will exchange as we have so  
many of his get we can not use him longer. He  
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SPECIAL prices for 30 days on 10 bulls, 20 cows and  
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**High Class Angus Bulls**  
FOR SALE—An Erica, 22 months old, sired by  
Imp. Edward 11. (61744); a Pride, 12 months old,  
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ABERDEEN-ANGUS bulls for sale, of the fami-  
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## 1907 Crop of Berkshires at Chapel Hill.

THE spring crop of big-boned English Berkshire  
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## BULLS FOR SALE

HAVING decided to breed Holsteins exclusively,  
the Mt. Pleasant State Hospital is offering for  
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two, the other three years old last February. Prices  
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**FOR SALE** THREE Red Scotch  
topped Short-horn  
Bulls, 1 three year-  
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S. S. SPANGLER, MILAN, MO.

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SEVERAL good yearling bulls ready for service.  
We milk all cows and hand raise calves. Only  
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Blackmer & Nelson, Albert Lea, Minn.  
Farms mile from town.

## 4 SCOTCH BULLS

Three straight Cruickshank.  
These are bred in the purple and are good  
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HAMPTON'S COUNSELOR 264533.  
ONE of the greatest sons of Hampton's best at  
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F. M. ZINOR, WOOLSTOCK, IOWA  
—Breeder of Short-Horn Cattle.  
Families represented: Princess Royal, Duchess of  
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FOR SALE: Also 3 D. S. Polled Durham Bulls,  
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One good Poland China Boar 11 months old. Prices  
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## CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some  
choice Short-horns, sired by Scottish Baron.  
Address, J. H. MOYER, Newton, Iowa

### SHORT-HORN CATTLE.

## Scotch and Scotch-Topped HEIFERS FOR SALE

A very reasonable prices to move them at once.  
These heifers are from best cowmen herd. Imp.  
Ronn Archer heads herd. Write for private cata-  
log.

**W. H. SCHAFER,**  
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## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch  
Short-horn bulls now ready for service, sired  
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Short-horn bull in Iowa. The best Short-horn bull  
that we have ever raised is now on our farm and  
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Mention The Homestead when writing.

## Wayside Short-horns

100 HEAD in herd. Will make attractive prices  
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Mask and Hopeful Knight. Bulls for sale at all times.

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SHORT-HORN CATTLE AND DUROC JERSEY  
HOGS. Twelve real Short-horn bulls for sale.  
Geo. A. Hans, proprietor, Newton, Iowa. Farm two  
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**BEAVER CREEK SHORT-HORNS.**  
SCOTCH BULLS for sale. I am offering as fine a  
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They vary in age from a few months to two years.  
A catalog giving the pedigree of each bull will be  
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**SCOTCH TOPPED SHORT-HORNS**  
FOR SALE—Six good bulls from 6 to 18 months  
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Jas. E. Stephenson, Albion, Iowa  
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3 Scotch Herd Bulls 3  
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Two Reds, One Roan. Rare Bargains.  
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EIGHTEEN serviceable Short-horn bulls for sale at  
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PLEASANTVILLE, IOWA.  
BREEDER of Short-horn cattle. 175 head in herd.  
Wish to sell 50 head quick. Farmer's prices.  
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## Marshal Favorite For Sale

Sired by Imp. Fashion Favorite 149550, dam Imp.  
S Jilted Maid. Will be two years old in Decem-  
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few young bulls for sale. Address,  
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I HAVE a few red finely bred Scotch Short-horn  
bulls, one to two years old, for sale. Address,  
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**Walant Grove Short-horns & Poland Chinas**  
CLEAR The Way 231482, winner 1st in 2-yr-old class  
C and 1st as Ia. Cham. Ia. State fair, '06 heads herd.  
Herd boars Defender 93447, by Corrector 63379, one  
of the greatest sires known to the breed, and Lilly  
Smiley 83621, a very large-boned hog of equal merit.  
Young stock for sale. J. T. Judge, Carroll, Iowa.

**G. H. George, Monticello, In.,** breeder of Scotch  
Short-horn cattle and Standard Red trotting  
horses. The Scotch herd and show bull Kingmaster  
is for sale. Also 4 younger bulls, fit to head any  
herd. Scottish Consul 131231 heads my herd. Five  
daughters of Imp. Red Knight, 5 Victorias, 2 Imp.  
cows and other Scotch and Cruickshank families.

**SCOTCH SHORT-HORNS.** For sale, four good  
Scotch bulls, Jordan & Dunn, Central City, Ia.  
Maine Valley Stock Farm.



## SHORT-HORN CATTLE.

## ARDMORE SHORT-HORNS

## VICTORIA'S PRIDE,

Red; calved September 9, 1905.  
Dams.

## Sires.

## Breeder.

Got by Imp. Scottish Pride 128543.... Wm. Duthie  
Victor Baron 127266.... C. B. Dustin & Sons  
Victoria Veech ..... Favorite 56041.... Wm. Duthie  
Imp. Victoria 73d ..... Roan Gauntlet (35284).... A. Cruickshank  
Victoria 58th ..... Pride of the Isles (35072).... A. Cruickshank  
Victoria 43d ..... Champion of England (17526).... A. Cruickshank  
Victoria 36th ..... Baronet (15614).... A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

ARDMORE STOCK CO., - HOLSTEIN, IOWA

## 9 Cruickshank Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

## SHORT-HORN CATTLE SALE!

At Evergreen Stock Farm, Vinton, Ia., June 19.

ABOUT 50 head of imported and home bred Scotch and Scotch-topped young cows, heifers and bulls, including the splendid Cruickshank herd bull, Prince Royal. The females are mostly two and three-year-old heifers, sired by Prince Royal and bred to Scotch Fancy, he an exceptionally good young Scotch bull from an imported dam, and included in the sale. The 15 bulls include several Scotch herd headers. All are nice reds and good. Catalog June 1st. Write for it, mentioning The Homestead.

N. P. HALGREN,

VINTON, IOWA

## A SPLENDID LOT OF SHORT-HORN BULLS

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshall. Can sell one or can fill out a load. Address.

A. B. CLARK,

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## NOVINGER & SONS' SHORT-HORNS

We are now offering a fine string of young bulls, several of which are pure Scotch of the most reliable families. Herd headers here: Lavender Viscount 2d, a son of the champion, Lavender Viscount, is the principal sire. Write us if wanting something choice and at a reasonable price.

ISAAC A. NOVINGER & SONS,  
Kirksville, Missouri.

## CATALOG Of Young Bulls For Sale is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address.

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, Iowa

## HUGHESDALE

### REAL DUAL PURPOSE SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anokit, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## CRUICKSHANK Bulls and Heifers For Sale

We have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two year-old heifers of best Scotch tribes, mostly reds and all bred.

I. BARR & SON,  
Davenport, Iowa.

## FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs AND

BARRED PLYMOUTH ROCK CHICKENS. Good Individuals a Specialty.

Eggs from our excellent flock for sale at right prices. If sold in the full.

Address C. E. McCOLLUGH, HUMESTON, IA.

## SCOTCH BULLS FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

## WILDWOOD SHORT-HORNS ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meat Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write.

W. W. VAUGHN,

Marion, Iowa

## SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Marr's Mistle tribe and was got by Bapton Chief and out of Imp. Mistle, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, Unionville, Mo.

## BULL BARGAINS

From The Jones County Herd of SHORT-HORNS.

10 CHOICE yearling bulls for sale at bargain prices. These bulls are by Sittytown Sort 173449. They must be sold to make room for our sale cattle to be sold at auction Oct. 2d. Our herd bulls Sittytown Sort and Wimpum of Wayside 243046 are conceded to be among the best Scotch bulls in the state.

G. P. Tyrrell & Son, Oxford Junction, Iowa.

## HORSES.

## LEFEBURE'S BELGIANS

BELGIAN STALLIONS and mares. Imported and American bred, on hand and for sale at all seasons of the year. Henry Lefebure is now in Belgium making his selections for a choice importation to arrive about July 1st. Catalog free.

Henry Lefebure, Fairfax, Ia. 8 miles west of Cedar Rapids.



## Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., Iron gray, one of the best horses in the west; four years old; measurements: girth 7 ft., 11 inches; 17½ hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address.

J. S. GOLDER,

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THE IOWA STATE COLLEGE is offering for sale three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address:

DIVISION OF AGRICULTURE,  
Iowa State College - AMES, IOWA

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

We will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champlin Bros., Clinton, Iowa

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IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Mansdam & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to J. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home-bred draft stallions, \$250 to \$600. Hart Bros., Osceola, Iowa.

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# FRANK IAMS'

"Peaches and Cream"



"Black Boys"

Largest pair of Stallions in U. S. Sweepstakes Winners. -:- A Whole Horse Show

All of Iams' "Superb bunch" of "show stallions" are offered for sale. Dad, it's a "100 to 1" they are the "best ever." Get into "Iams' band wagon." All railroads lead to Iams' Importing Barns at 2 cents a mile, and Iams'

## SUMMER PRICES

are pushing competitors "off the roof" hypnotizing buyers with "top notchers" at "LET-LIVE-PRICES." John, if you pay cash or bankable note you will buy a stallion of IAMS. IAMS' "SELLING CLOTHES" "FIT" "all the boys." He saves thousands of dollars to stallion buyers. He is not in the "STALLION TRUST." He places \$1,000 or \$1,500 Insurance.

## \$1,000 — SAVED AT IAMS — \$1,000

Key! what a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth rate stallions at \$2,000 to \$5,000. Iams sells "top notchers" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes his competitors "HOLLER." He is knocking "HIGH PRICES" out of the Xmas tree. Iams saws wood, "BUTTS IN," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000. BREEDERS, pays no buyers, salesmen or interpreters, has no two to ten men to divide profits with. Iams guarantees to sell you a BETTER stallion at \$1,000 to \$1,500 (a few higher), than are sold to Stock Companies at \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horse's freight and buyer's fare; gives 60 per cent breeding guarantee.

Write for eye-opener and greatest horse catalog on earth. References: St. Paul State Bank, Citizens National Bank

## ST. PAUL, - NEBRASKA



## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of

Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVENNER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Born at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

## Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.

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Importer and Breeder of

## PERCHERON HORSES

100 Stallions and Mares. Big ton stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.

## PERCHERON STALLION COLT FOR SALE

I HAVE a fine yearling stallion colt that I will price at a very reasonable figure. He is by the great prize-winning stallion Castro 27830; his dam was Marcella 19377, an 1,800-lb. mare. Write me for prices or come and see this great colt.

E. C. Gwinner, Haldrege, Neb.

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans preferred. Address: E. B. Thompson, Cumberland, Ia

## FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home-bred stallion: will weigh 1,800 lbs., a worker and sound, coming five years old.

Buy from the breeder, not the dealer.

BERT FRY, PLAINFIELD, IOWA

## TWO PERCHERON STALLIONS

BLACK U.S. 47895 (black) and Billy U.S. 47894, each three years old. Good ones with good and plenty of bone and are broken to harness.

J. L. SLICK, LANARK, ILL.

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Bilbo, Trenton, Ia., successor to Bilbo & Wilson. Also Bilbo & Van Patten.



# I WILL SELL SIXTY SCOTCH BRED SHORT-HORNS

AT MY CHERRY GROVE FARM, WILLIAMSVILLE, ILL., JUNE 4, 1907.

## AT NO SALE IN ... AMERICA ...

this year has the proprietor opened up his heart to allow the public to bid on so many of the get of one GREAT BULL as I have on the get of LORD BANFF. There will probably be 25 head of young cows, heifers, calves and herd-heading bulls sired by Lord Banff and probably 25 females bred to him. This is a chance of a life-time. No doubtful breeders offered. Every animal of breeding age has proven a breeder or a reliable guarantee that is absolutely good backs it. I own all I represent without incumbrance.



## I HOPE TO MAKE ANNUAL SALES

but I never offered as good a bunch before, and I cannot assure their equal for next year's sale. My cattle are running out on pasture, so they will not be hog fat, but I am offering cattle SUITABLE TO ENTER THE BEST HERDS IN AMERICA, and also some plainer ones which ANY FARMER can afford to buy. For catalogs address, HENRY DODGE, (Sec'y Cherry Grove Short-horns), Williams-ville, Ill., Box 68.

LORD BANFF WILL BE HERE DAY OF SALE SO YOU CAN SEE HIM.

You can easily reach Williamsville one-half hour from Springfield, one hour from Bloomington, two hours from Peoria, three hours from St. Louis, five hours from Chicago on C. & A. Ry. New Interurban Electric Line now runs cars every one and one-half hours from Springfield to Lincoln, passing through Williamsville. Parties from Peoria can reach these cars at Sherman, Ill. These cars connect with interurban from Decatur and St. Louis.

MILTON E. JONES,

WILLIAMSVILLE, ILL.

COLS. WOODS, JONES, BELLOWS AND MERRIMAN, AUCTIONEERS.

## Harvey & Son and Wray & Son's CLOSING-OUT SALE

# SHORT-HORNS

At Maryville, Mo.,  
Wednesday, May 29th

44

HEAD

11 Bulls, 33 Females

Scotch and Scotch Topped

44

In this our closing out sale we are selling our entire herds. They are such a lot of cattle as we think should interest those wanting choice breeding stock. When founding our herds, in individuality as well as breeding was given much attention. We are selling nine head of pure Scotch, Duchess of Glosters, Victorias, Sybils, Miss Ramsdens, a Marr Emma and an Imp. Beauty. The Scotch-topped sorts are good American-bred families. Some excellent young herd bull material aside from our Duchess of Gloster herd bull, Baron Gloster, will be found in the sale. The cows are a desirable lot of useful breeding matrons. Write for catalog. It tells all about the breeding lot. Address either of us, mentioning this paper.

J. H. HARVEY & SON, MARYVILLE, MO.  
B. F. WRAY & SON, HOPKINS, MO.

Cols. Bellows & Hosmer, Auctioneers.

.... TEEL'S ....

# Short-horn Sale

AT THE FARM NEAR RUSHVILLE, ILL.,  
FRIDAY, MAY 31, 1907.

50 Head--10 Bulls  
TWO LORD BANFF BULLS.

CHERRY Grove Banff 3d and Cherry Grove Banff 5th are well bred and have been used with success in the herds. Specimens of the Orange Blossom, Michigan Casket and other reliable tribes. The cattle are in good thrifty condition and the profitable kind. H. G. Teel lists 10 head including one bull by Lord Banff, a smooth, thrifty lot all through. Catalogs on application to

WALTER TEEL, RUSHVILLE, ILL.  
WOODS, COTTINGHAM & RILEY, AUCTS.  
Please Mention This Paper When Writing.





#### THE MAKING OF PEDIGREES.

A small percentage of those engaged in breeding pure-bred stock are careless, or, to say the least, are slow about the matter of making out and mailing pedigrees to their customers. We do not refer simply to the delay of a few weeks, but rather to the practice of putting men off month after month.

The large volume of mail order business that is annually transacted in the corn belt in the selling and buying of animals makes it a specially urgent matter that business principles be used about the question of making out pedigrees as well in the buying as in the selling.

The following inquiry from one of our subscribers shows how annoying a case of this kind may be to the man who makes the purchase:

Last December I purchased four Poland China gilts from Mr. ———, but up to the present time have not received the pedigrees of those gilts. I have written several times, but my letters seem to have no effect whatever. Now, when I purchased those gilts it was with the understanding that they were pure-breds and I certainly expected that there would be no difficulty about getting the pedigrees. I paid a long price for a male and bred him to these gilts, so you can see that I am a heavy loser if I am unable to record them, as I will have to sell them for pork and not as pure-breds. I wish you would write the party and if possible induce him to send me the pedigrees of those sows.

This shows up the exact situation. It leaves a man, after paying for pure-breds, virtually with grade stock on his hands. In most cases we find that where trouble of this kind is ferreted out it is due simply to carelessness or indifference about making out the pedigrees, and we are pleased to state that the instances where men represent stock to be pure-bred when it is not are exceedingly rare.

The point that we desire to make at this time is that it always pays a breeder to treat his customer with the greatest degree of promptness when a legitimate request of this kind is made. If you let the matter run on for weeks or months the chances are that even though he does in the end receive the pedigree he has lost confidence in your ability as a business man, and the probabilities are that he will never make another purchase from you. He will likely tell his neighbor about his disappointment and of course feels, and justly feels, free to mention your name, so that in this way he is helping to establish a reputation for you that is not easily lived down.

Most breeders of pure-bred animals find it the best policy to record all their breeding stock before any of the progeny of said stock is ready for shipment. The fact that many associations record a young animal cheaper than they will an older one offers special inducement to the man who is ambitious to be prompt in matters of this kind. All the pure-bred young sows on the farm that have good litters that are not recorded should be recorded before their pigs are weaned, so that at any time when there comes an order for a shipment you can send the pedigree in the same letter in which your customer is notified of the shipment. The recording fee of the dam is so small a matter when considered in connection with the value of the offspring that it does not pay to wait and be nagged by your purchasers about the pedigrees.

#### CEMENT FLOORS FOR CORN CRIBS.

The following communication has been received from a Kansas subscriber:

I have been using cement in building a cave

and making walks, and find where one has plenty of sand and gravel close at hand that cement structures are not only cheaper but more permanent than anything else you can use. I would like to know, however, how a cement floor would do in a corn crib or granary.

This is a question which we would like to have discussed by those who have had practical experience with the cement floor in corn cribs. Some hold the opinion that the cement floor will collect moisture and therefore mold the grain in the lower part of the crib. If anyone has had this experience we shall be pleased to have him give the result of that experience through these columns.

#### CROPS TO SOW IN CORN FIELDS.

It is surprising what success men have attained during the last few years in growing a second crop in corn fields. In almost the entire corn belt under ordinary conditions an excellent stand of clover and timothy may be obtained by sowing the seed just before the crop is plowed the last time. Under such circumstances it is generally advisable to cover the seed with a shallow cutting cultivator so as to leave the surface as nearly level as possible. So much the better if the time is taken to cover the seed by running the cultivator both ways,

because in that case there will only be left the space in which the corn grows without covering. Under ordinary circumstances we believe that the chances for getting a good stand of clover are rather better in the case of sowing it with corn than where small grain is seeded down early in the spring.

Of course it is hardly necessary to call the attention of stockmen to the fact that it pays, and pays well, to put pumpkins in a few acres of the corn. The pumpkin crop seems to have a very little effect in the way of reducing the yield of corn, and there is not a farm in the middle West where a good supply of pumpkins cannot be fed out at a good profit this fall. By the use of a hand corn planter it only takes a short time to do the planting and the common practice is to put about three pumpkin seeds in every fourth hill in every fourth row.

Where one is in a position to hog down a certain part of his corn crop the sowing of cow peas will be a profitable venture. Like clover and timothy seed, the cow peas are generally seeded just before plowing the ground the last time, but, unlike clover, it is advisable to cover the peas somewhat deeply, otherwise germination may be very slow. As the

peas are large, there is not much danger of getting them too deep with the ordinary cultivator, as the stem is vigorous and will shove itself through two or three inches of soil without difficulty. Green cow peas will balance the corn ration and will furnish a very excellent and inexpensive food for hogs.

In making out a list of crops that may be profitably seeded in corn one should not neglect the mention of rape. It only requires four or five pounds of seed per acre and if this is covered when the corn is plowed the last time it will furnish excellent pasture both for hogs and sheep. Where it is known in advance that hogs must be turned in to pasture down a certain acreage of corn, one should by all means sow some of the crops mentioned; that is, either cow peas, pumpkins or rape.

Fall rye is another crop that might well be placed in the same category, and if sown before the corn crop is cultivated the last time it will make a heavy fall growth and if not eaten down too close will flourish the following spring and make a full crop. Rye usually comes on quickly after it is seeded, and even if it is not pastured it has a value because of the fact that it checks weed growth and when it is plowed under late in the fall or early the next spring it leaves the soil in a splendid condition for the next crop.

In giving a list of the crops that may be seeded in corn we do not desire to convey the impression that it is practicable to sow a second crop in one's entire corn acreage, but simply desire to hint that there is an opportunity on every farm for getting considerably more out of part of one's acreage by doing a little seeding previous to the last time of cultivation.

#### HORSE IMPORTATIONS.

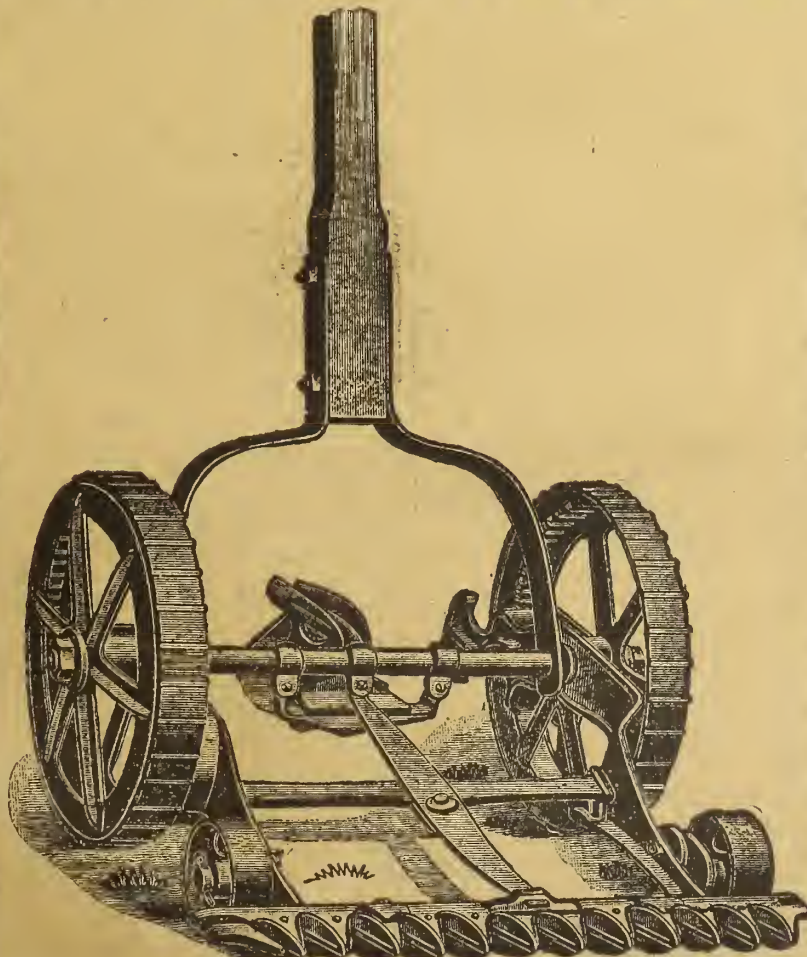
Alarm is sometimes sounded over the fact that American farmers are giving too little attention to the breeding of draft horses and too much attention to the importation of same. Were the figures not available showing the comparative number of horses imported in recent times as compared with former years, it would be difficult to convince men that the business of importing horses has not only decreased, but decreased many fold.

For example, in 1905 there were 2,271 horses imported to the United States, while in 1885, or twenty years earlier, the number was 17,425. The following year, or in 1886, the number reached 20,880. The average yearly importation during the five-year period from 1883 to 1887 was 15,140. During the next five years it dropped to an average of 7,547. Beginning with 1893, we find a five-year period where the average importation was only 497 horses. This of course included the lean years as applied to every industry. The next five-year period, or from 1898 to 1902, the average number per year was 998 horses, while in 1903-4-5 the number has run a little above 2,000 horses annually.

It will be seen, therefore, from the above figures, barring the years of industrial inactivity, that the horse importing industry has fallen off in a very marked degree. The fact that the number imported in 1905 was less than in 1903, would indicate that we are not likely to suddenly increase the industry to its former proportions.

Even the arguments that European importations are largely made up of stallions are not altogether founded on fact. According to a table prepared by the department of agriculture from records furnished by secretaries of American

The clipper Lawn Mower, manufactured by the Clipper Lawn Mower Company, of Dixon, Ill., is a new departure in the building of lawn mowers, as shown by the accompanying illustration. That it has many advantages over the old style mowers is suggested by this illustration, as the cutting bar projects a trifle farther than the wheels and the wheels cannot run on the uncut grass. Then, too, the height of grass to be cut makes no difference, as in the case of the rotary knives. The "Clipper"



may be set to any desired height by adjusting the small wheels immediately behind the cutting bar. A commendable feature is that the knives do not pull the grass while cutting and thus strain the roots, as is apt to be done with the rotary knives, especially when they become dull. The "Clipper" cuts weeds, dandelions, etc., equally as well as grass and leaves a beautiful lawn. That it is popular is evidenced by the fact that the manufacturers are flooded with orders from all parts of the country.



can Stud Books showing the sex of imported animals, it was found that of the light breeds there were 4,092 stallions and 2,370 mares. Of the drafters there were 19,845 stallions and 9,064 mares. Of course this showing indicates that there were just about twice as many stallions as mares imported, and yet we are of the opinion that it will be a surprise to horsemen to find that the percentage of mares is so large.

As our readers are aware, pedigreed horses are admitted duty free into this country at the present time. In certain quarters there is a demand that a duty be imposed in order to foster home production. The Short-horn Breeders' Association is pointed to as an example where encouragement of this kind is given the home breeder by imposing a registration fee of \$100 on all animals imported from foreign countries except Canada. This rule, which met with such violent opposition at the beginning, is not likely to be repealed in the immediate future. Seeing that we only import about half as many mares as stallions, it is suggested by Professor Rommel, of the department of agriculture, that a feasible plan would be to put a duty on males, but allow the importation of females of approved pedigree without duty. Going one step further, if all mares as well as stallions that are imported were inspected for unsoundness and the unsound ones refused admission, it would result in fostering the horse industry on a practical, progressive and altogether likely profitable basis.

#### THE PRACTICE OF DIPPING HOGS.

The following communication has been received from a Kansas subscriber:

Some time ago I noticed a contribution in your paper from Mr. C. H. Fairall, of Cedar county, Iowa, who advises the use of carbolic acid and machine oil as a lice killer. He apparently applies this mixture with a brush, dealing with each hog individually. I fail to see how such a method can be practicable on the average farm. For example, at the present time I have 250 hogs and I notice that some of them are getting a little bit rough in the skin. I am waiting for a cloudy day before running them through the dipping tank. My hogs are white and I find if they are dipped on a bright, sunny day that their skin gets very red afterwards, and while I have never had anything serious result from this condition, yet I fear that some time I might have my hogs blistered. Because of this I always take the precaution to do my dipping in cloudy weather. It would be utterly impossible for me to go over my hogs individually with a brush, and, furthermore, I think that it is somewhat dangerous to advise the use of carbolic acid on the skin of a hog. A neighbor of mine used carbolic acid in water and sprayed this mixture over the hogs, with the result that he blinded every hog he had and burned the skin so badly that practically all the hair came off. I favor the use of a good dip, though I know of swine breeders who object to their use on account of the price, yet when you consider that a gallon of good dip will make anywhere from fifty to one hundred gallons of dipping material the mixture after all is not expensive. I would advise your readers to leave these keen-edged products like carbolic acid alone and try something that is effective though mild in its action—something that will not injure the skin or the eyesight of the animal.

We find upon inquiry into the practice that prevails at the experiment stations in regard to the dipping and spraying of hogs that carbolic acid in any form is rarely, if ever, used, and we also find upon inquiry that the reason for its non-use is that it is too harsh on the skin of the animal and too dangerous when used for dipping purposes in case an animal gets some of the carbolic mixture on its lungs.

The coal tar dips have powerful disinfecting qualities without the corrosive effect, hence their use and indorsement by the state experiment stations. Even a dilute solution of coal tar dip is deadly to all germ life, so that its application to the skin contributes to the healthfulness of same without in any way destroying the delicate tissue.

The Homestead can not indorse the practice of applying crude carbolic acid to the skin of any animal, because the danger attending its use and the loss that might follow its indiscreet application is too great.

#### The Disk Plow.

To the Editor of The Homestead:

I have used a disk plow for three seasons, at all times of the plowing year, on soils varying from light sand to gumbo, and I am strongly in favor of the disk plow in its place.

There are some things it will not do. It will not turn under straw or heavy manure, corn stalks or trash. It will not lay a furrow burying all the stubble because its furrow is thrown on edge and not bottom side up, as in the case of the mold board plows. It will not run right unless it is sharp and the lays and

mold boards scoured, nor unless the draft is very carefully adjusted.

It will do more plowing with less team power than any other plow on earth. It cuts a dishing furrow and will ride over an obstruction that would clog an ordinary plow. By plowing deeply with it the effect of sub-soiling may be in part gained, as the center of the furrow cuts below the average plowing depth of the lay plow. Some who use it say that land plowed with it from year to year grows up to roses and buck brush. If one plows one year from east to west and the following from north to south, there should be no trouble along that line, as crossing the furrows cuts away the small ridge of shallow plowing.

I bought a three-disk plow and used four horses on it, but have since taken off one disk and run the other two deeper, using the same horse power. It fines the soil better than the lay plow, leaving a pulverized level surface. My land has been very stony. My average repairs have been \$10 per year per plow for the lay plows, for the disk one sharpening at the blacksmith shop in three years covers all the expense. Where my ground has heavy litter on it, or where it is soddy or covered with a growth of roses I prefer the lay plow, but for land free from surface truck, for stony ground, for wet, sticky land, give me the disk plow every time. It is a time-saver, because your team can travel farther and faster during a day with it than with the lay plow. It is a time-saver because its draft is light. It is simple to handle. It is cheap to operate. It will do its own class of work to a nicety. It will not replace the lay plow, but under the stated conditions of surface it will work all right.

To definitely answer your correspondent's inquiry, will say that I have used my plow for the plowing of over 300 acres of ground under all conditions as to moisture and wet or gumbo spots never once have clogged it. It suits me.

Griggs Co., N. D. Hugh J. Hughes.

In answer to your subscriber from Polk county, Iowa, in regard to disk plows, will give my own experience with one we have used for two years. We have had the gang (two disks), and we find it an excellent implement in dry, hard ground no matter what the nature of the soil and it will go right through dry, hard places, as well as do deeper work with less draft than other plows.

We say it is the plow for dry, hard ground, but it has its objections. It will not work well on hilly ground or where there are stones and ground that is full of rose bush or other roots, which have a great tendency to keep it from scouring, as it does not always cut them off. In wet clay ground it does not work well, for the soil does not slip on the disks very readily; but, as we said before, it will work in any dry, hard ground no matter whether clay or otherwise just so it is free from obstructions. We could not make it work well in corn stalk ground.

Should your subscriber from Polk county buy one I would advise him to see that the disks fit snugly on the hub, for a wobbling disk does not work well. We experienced some trouble along that line.

A. M. Blackmer & Son.

Pierce county, Neb.

I noticed in a recent issue of your paper that a subscriber asks for information about the disk plow. As I have had considerable experience with this kind of a plow, I will try and answer his inquiry.

The disk plow will scour in any soil that I have ever found, and I have used it in gumbo and all kinds of clay under all conditions. Of course it does the best work when the soil is in good condition. If the soil is wet and tough it will not lay it as smooth as the mold board plow, but under proper conditions it will do the work just as well, if not better.

Another advantage is in the draft; it pulls lighter than any other plow doing the same work. The disk plow will work in very hard ground where it is next to impossible to make any other plow work. The disk plow is not a success in sod because it leaves it so rough that it requires a good deal of work to get it in condition to plant.

Wilton, Iowa.

A Subscriber.

Sensible Listing.

To the Editor of The Homestead:

In the article you published on listing corn, Mr. Pettit says: "It cannot be denied by the most strenuous advocates

of listing that it takes less water to start little rivulets down the listed rows than on top planted corn."

Now this is correct only when the lister is run up and down the hill. If the farmer will take the trouble to run the rows across the face of the slope, he will find that in the matter of soil washing listing is much better than surface planting. Also, it keeps more water on the land in case of heavy rapid rains. I have practiced this method for eleven years and believe that I would quit listing if it were not for its superiority in the matter of washing.

Otoe county, Neb. Hector Maiben.

#### HOT WEATHER AHEAD.

Many a housewife is wondering how she will pass through the coming summer months with the stove she well knows will make the kitchen unbearably hot—to say nothing of the dirt, dust and ashes that will add to the discomfort. There is a way out of it all—a way that not only lessens the work and keeps the kitchen cool, but that also reduces fuel expense. This convenience, comfort and economy is all effected by the New Perfection Wick blue flame oil cook stove, an oil stove so superior to other makes that it is fast replacing the coal and wood range, the old-fashioned oil stove, and in many cases the gas stove. The New Perfection gives a strong working flame at moment of lighting. "Blue flame" means the hottest and cleanest flame produced by any stove. The flame is always under immediate control and can be raised or lowered instantly. The convenience of this will be understood when it is considered that while the flame of one burner is boiling the kettle or roasting a large joint, that of another can be reduced to simmering point—in this way enabling the housewife to cook a variety of dishes at one time. On washing and ironing days the comfort and convenience of the New Perfection will be greatly appreciated. It gives best results in the least time, and does away with all coal and wood carrying and the many other disagreeable jobs that have to be done with other stoves. The New Perfection is made in three sizes with one, two and three burners, and is warranted to give full satisfaction. Another home comfort is the Rayo lamp, which produces a light of unusual brightness, yet soft and mellow—a light that will not hurt the eyes. The Rayo Lamp can be used in any room. It is highly ornamental and beautifully nickel-plated. Every lamp is warranted. The New Perfection wick blue flame oil cook stove and the Rayo Lamp are two real essentials to home comfort. Their easy operation, absolute safety and handsome appearance commend them wherever stoves and lamps are used. Inquire at your local dealers. See page 13.

#### A VALUABLE VETERINARY BOOK.

A little book which our readers have seen mentioned frequently in advertisements and in live stock discussions, called the "Zenoleum Veterinary Adviser," holds much that is of interest to farmers and stockmen, whether owners of few or many animals. It is valuable because it gives methods of treating along lines of the commonest troubles that all classes of live stock are heir to. The book is carefully indexed, and was designed primarily to show the relation of the celebrated Zenoleum Animal Dip and Disinfectant to domestic husbandry economy. Zenoleum has come to be a very popular thing among owners of live stock in every state in the Union, in Canada and other foreign countries. Its standing among high authorities appears from the fact that forty-two agricultural colleges unhesitatingly give it their recommendation. The Zenoleum Veterinary Adviser shows in their own words, just what the professors and various directors connected with these institutions have said of it, and the suggestions they offer for its use. The most important fact is that the book is more conclusive than merely stating the uses of Zenoleum. It gives many descriptions of diseases and ailments, their causes and symptoms, etc., that could hardly be had in such compact and reliable form in any other book we can now call to mind. There are sixty-four pages, splendidly printed in large readable type, and well bound in a serviceable cover. This book can be had free by any reader of this paper by writing to the Zenner Disinfectant Company, 131 Lafayette Avenue, Detroit, Mich., for it. We believe readers who send for it will have cause to be gratified that we have called this matter to their attention. Take our advice and send for it right away.

#### HOOSIER STOVES BAKE EASY.

Nothing throws the housewife into such confusion as a defective stove. The kitchen range is one thing in the equipment of the house that should be absolutely reliable. The Hoosier steel ranges and stoves are known in every part of the land as the stoves that do baking and cooking with the finest results. Instead of spending much money in agents' profits the makers of the Hoosier prefer to use it in paying for high-grade materials to be used in the different parts of the stove or range. Thirty days' trial is given to buyers who wish to test the stoves before buying. This is certainly a fair offer. Freight is paid, so that the listed price of each stove or range in the catalog is the actual net price. Send for their catalog, which contains full descriptions, etc. Address, Hoosier Stove Co., Factory 140, State Street, Marion, Ind. See page 3.

#### A PERSONAL REQUEST.

"Send me your manure spreader proposition." That is exactly the sentence that a large manufacturer of these implements wishes to have every farmer who is interested in buying, write on the back of a postal card and send it to him. The proposition is, no doubt, as grand a one as this firm is noted for sending out. It is no empty offer either, for the company stand back of every word they say. They are making and selling manure spreaders everywhere. Why do you suppose they are doing this in the face of strong competition? You might gain some idea of the reason by looking for the manure spreader advertisement on page 3, of The William Galloway Company, 109 Jefferson St., Waterloo, Iowa. Just say on the postal, "Send me your Manure Spreader Proposition."



#### WHAT DO YOU SAY?

Several hundred thousand farmers say that the best investment they ever made was when they bought an

#### Electric Handy Wagon

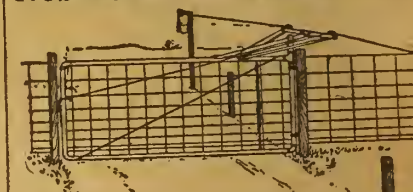
Low wheels, wide tires; easy work, light draft. We'll sell you a set of the best steel wheels made for your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money. ELECTRIC WHEEL CO., Box 43, Quincy, Ill.

#### Fresh Water

Get our Automatic Pumping System to supply fresh water as needed in feed lots, barns and under pressure, in house all at same time. No Tank; No Stagnant Water. Great demand for machines everywhere. Agent wanted in each county. For information write or call WESTERN PUMP & MFG. CO. Reals Building, 9th & Wyandotte Kansas City, Mo.



#### Nebraska Automatic Gate.



OPENED from wagon or carriage. Any lady or eight year old child can operate this gate. All steel. Can be hung on any gate post. Nothing to get out of order, 12 ft. gate \$10. You can't afford to be without this gate for the price. Hog and cattle proof. Also Rice's Automatic Tilt Gate. Ornamental steel. Gates and rod fences a specialty. Catalog upon application. RICE BROS. MFG. CO., HARVARD, NEBRASKA.

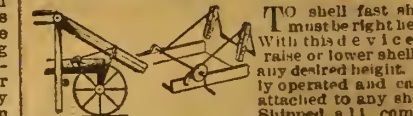
#### LATE SOWING SEEDS

Dwarf Essex Rape	6c per lb.
Alfalfa (Choice)	15c per lb.
Blue Grass (Fancy Ky.)	\$2.25 per bu.
Seed Flax	1.35 per bu.
Choice German Millet	1.00 per bu.
Seed Buckwheat	1.00 per bu.
Field Peas (All Kinds)	1.75 per bu.
Amber Case (Early)	1.00 per bu.
Kaffir Corn	1.00 per bu.

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#### THE ADAMS SEED CO., Decorah, Iowa.

#### Armstrong's Sheller Adjuster



TO shell fast sheller must be right height. With this device can raise or lower sheller to any desired height. Easily operated and can be attached to any sheller. Shipped a 11 complete ready to be put on sheller. For price write, C. E. ARMSTRONG, LEWIS, IA.

#### MONEY WITH BEES

KRETCHMER, from his 45 years' practical experience, can tell you how. Write for his Hints to Beginners, and his illustrated catalog. It is FREE for the asking; it describes the BEST, practical, up-to-date goods, required to make MONEY with BEES.

KRETCHMER MFG. COMPANY

COUNCIL BLUFFS, IOWA

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"GOES LIKE SIXTY"

All Sizes. Send for Catalog.

GILSON MFG. CO.,

105 Park St., Port Washington, Wis.

#### The Jewell Nursery Co.

(Box 16,) Lake City, Minnesota

Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1888. Hardly seeds, trees and plants. Agents wanted—Good pay.

SELL TOBACCO AND CIGARS locally or traveling; salary or commission. Full time or side line. Steady work; good pay; promotion. Address, Morrocco Tobacco Works, Box 1198, Danville, Va.

GRAVELINE positively and permanently cures Gravelstones. Gives immediate relief. Price 50c a bottle postpaid. Graveline Medicine Co., St. Marys, Kan.



## Farm Furrows

Turned by a Practical Farmer.

The best outlook for hogs is the clover or alfalfa meadow.

Dyspeptics usually get their food on the brain instead of the stomach.

Did you ever notice what a race of imitators we are? When one person in an audience coughs, a score or more repeat it.

I cannot put up with a dog that goes out nights. If there is any going out at night at our house the Furrows man wants to do it.

The silo is a strong competitor for the best kind of a pasture. There are some pastures where the cactus and sage brush would not look out of place.

Why is it that a thorough lambasting is just what the kicking horse needs to correct this habit, while in the case of a cow it only makes her worse?

If variety is the spice of life it is certain that the weather prophets and forecasters have had a spiey time of it this spring. May they rest a piece.

Angel's food cake is nice to look at, but I don't believe it ever made a governor or even a good farmer. It always seemed to me a waste of good eggs and cream.

Bologna bulls, so-called in stock markets, have come to be so named for the reason their flesh is rather dry and keeps well when made into bologna, which supplies cheap trade.

Screen the windows on the out-buildings where they are most liable to be broken out. It is a good deal easier to stop the stones than to stop the boy from throwing them. He never means to.

I have slept in houses where there would be a small drift of snow on the bed in the morning and never entertained any evil thoughts, but to have the roof leak rain is too much simple life for me.

That men's names frequently predestine their occupations would seem to be a natural conclusion if observation counts for argument. Originally men were named after most evident traits in their character.

A new ruling regarding special delivery stamps has been made by the postal department. After July first ten cents' worth of any denomination will do in place of the special stamp, where prop-

erly licked and affixed to the hurry mis-sive.

In as seemingly simple implements as the corn cultivator or the hay rake there are points of construction that should be fully understood. Durability of material, rigidity of frame and simplicity of handling are all of major importance compared to price.

Speaking about kicking cows, reminds me that there is only one thing worse on a farm. That is a biting horse. If you are bitten real hard on the ribs by Old Charley a good thing to do is to go out on the grass and roll over a few times, but that is possibly what you will do without telling.

The failure of animals to reproduce themselves with any degree of exactness creates one of the most difficult problems that the farmer is called upon to solve. The breeding of animals is not an exact science, never was and never will be. This does not mean that there is not room for the exercise of much skill, but you want to be prepared to be disappointed.

Did you ever know a person who under all circumstances exaggerated his statements? If he were telling how many acres of corn he had planted in a week and had actually planted 100 acres, he would make it 125. If he had sold a hog weighing 400 pounds, just for good measure he would say that it weighed 450. If his corn actually yielded seventy-five bushels per acre, according to his statement it would yield ninety. I know one or two of those fellows and have come to the conclusion that they believe their own falsehoods.

While a large portion of foreign immigration has been deflected from cities to the country, the effort has been largely futile when compared with the numbers who are taken by the building trades and factories. Possibly as much as 30 per cent of the immigration finds homes on farms.

Reports from swine breeders in all parts of the country has been a leading feature of the field notes column of this paper this spring as in the past. The notes of the field correspondents supply reading material that is not appreciated as it should be by even the general farmer.

Every one has their particular method of starting a calf on dry feed, of course. I believe, however, that more people are agreed on the plan of keeping a small pan of fresh meal before them all the time till they are eating, than any other. The calf has a full share of animal curiosity.

A notable divine is author of the statement that there are three kinds of unrest, namely, vicious, visionary and noble. The vicious discontented are pessimists; the visionary sort is harmless, wastes time and effort, and the noble kind sees the vision and climbs toward it patiently.

A Kansas farmer has the "cake" for large gains in steer feeding. Literally speaking, the cake is of the cottonseed variety. On six carloads of steers recently marketed he made a gain of 3.4 pounds a day for 140 days, feeding three pounds of the cake at the finish.

Red cedar for lead pencil making is the only wood that is sold by the pound. The supply of this wood is being rapidly depleted. Steps are being taken for the development of new timber lands. Every American old enough to use a pencil consumes a half dozen on the average every year.

Fat foods produce a desirable condition of health which many people do not appreciate. Some persons can "stomach" more oil or fat than others. Medical authorities agree that every person should eat some animal or vegetable fat daily. Fats and oils have been recommended for lung trouble for half a century.

Now that it looks like a shortage in the quantity of the hay crop, the thing to do is to insure a good quality by replacing worn tools and putting in carriers to do away with as much slow hand pitching as possible.

City streets are now kept clean by the use of a slushing machine which throws a heavy spray toward the gutter as it passes along. Wonder why kitchen

INSURE WITH THE SECURE

HAWKEYE INSURANCE CO.

OLDEST—IOWA COMPANY—STRONGEST

ASSETS \$838,840.88. LOSSES PAID SINCE ORGANIZATION \$2,984,347.12. 42 YEARS IN-FIELD.....

ABSOLUTE PROTECTION AGAINST LOSS BY FIRE, LIGHTNING, HIGH WINDS, CYCLONES AND TORNADOES .....

DES MOINES, - IOWA.



WANTED 100,000 FARMERS

to buy a postal card. Address it to me and write on it: "Send me your Manure Spreader Proposition." Get the proposition before you buy a spreader of any make or kind or at any price. I then leave it entirely to you to be the judge if it's not a little bit the most interesting manure spreader proposition you ever heard of. It's away out of the ordinary. I not only make you a price of \$59.50 on the best manure spreader built, which can be put on any wagon gear, but I give you a chance to get it for nothing. If you accept my proposition. Buy a postal and send it to me before you lay this paper down. Write me personally. WILLIAM GALLOWAY, Pres.



THE WILLIAM GALLOWAY COMPANY, 109 Jefferson St., Waterloo, Iowa.

BINDER TWINE FACTORY TO FARM at Lower Prices than Dealers Must Pay the Trust. Farmers wanted as Agents.

AUGUST POST, MOULTON, IOWA.

floors can't be made of tile and a hose or force pump do the scrub work? I think all the family would be ready to help in such an event.

If I had any advice to give those who teach domestic economy in colleges it would be this: Teach the pupils to bake good bread, to cook potatoes well, and to properly prepare the various kinds of meats. If you have any time left during the four-year course, you may then indulge in the superficialities, beginning with johnny cake.

The mad dog season is on. In commenting on hydrophobia a well known national medical body states that for the most part the stories are sensational. Symptoms often described are more of ten excitement, due to fear than to the malady. Many of the best known physicians have yet to see a case, which leads them to believe that the disease is rare indeed.

SORE SHOULDERS.

At this season of the year a good many horses are troubled with sore shoulders, necks and backs. It is not surprising as a horse goes into hard work after a winter of comparative idleness, and it is easy to get him out of shape notwithstanding that you take good care of him all the time. A remedy for this very thing will be found in the Security Gail Salve, made by the Security Remedy Company, of Minneapolis, Minn. They claim for this salve that one application will relieve pain from the most severe sores and that it will heal and cure them. This company also make an antiseptic healer for barb wire cuts which will cure the cuts very quickly. They would like to send a free sample of their gail salve to Homestead readers and authorize us to make the offer, the only condition being that those who ask for the free sample mention this paper when writing. If you have horses that are troubled with sore shoulders or necks don't fail to write them at once, mentioning The Homestead. See advertisement on page 8.

HAVE YOU SEEN THESE LANDS? Good farmers who want homes will be given every encouragement to see farms that are now offered in 35,000 acres of cut-over lands in Minnesota. Situated in Beltrami and Clearwater counties, this section is right in the best dairy, sheep and general farming region of the state. Three markets, namely, St. Paul, Minneapolis and Duluth, compete for the produce from this section. Tracts of land suitable for large or small farms may now be secured. Professor Shaw is quoted as saying that the possibilities of this region are far beyond popular estimate. Now is the time to investigate this land and make selections of farms before it is cut up. Colored maps and illustrated folders will be sent to anyone looking for a home by writing to Mr. Roger C. Spooner, president Donald Land and Lumber Company, Drawer N., Bemidji, Minn. See page 15.

FARMERS AND OTHER LAND PURCHASERS are rewarded by careful selection of land. Good farm land in what is held by many to be the best wheat land in the world is for sale on page 15. The person offering this land is seeking a good representative in every town. He will pay a nice commission also to anyone who directs buyers to him who make a deal. This land which he offers is in a fine community with modern advantages. For particulars of this offer, write Mr. John Mueller, Lisbon, N. Dakota. Mention The Homestead when you write.

MINING STOCK BELOW LIST PRICE. Elsewhere is given a list of mining and

No Lightning Risk!

This Keeps it Out of Your Trade Mark TELEPHONES "NO RISK"



THIS is our Improved "No Risk" Metallic Arrester. Will cut out a metallic line or two single lines. Absolutely disconnects telephone without grounding the line wire. Leaves it free! It's the only arrester sold that gives absolutely safe protection—the only one we know of whose makers guarantee telephones against lightning. Thousands of pleased customers vouch for its merit. Pull the knob and your telephone is absolutely cut out. SIMPLE, POSITIVE, SURE. Protects home against fires. Keeps family safe. Book Free.

FREE TRIAL OFFER Just send your name and address. Our book explains everything. Tells how you can try the Improved "NO RISK" Lightning Arrester FREE. Or send \$2.00 and get the arrester at once. Fully guaranteed to protect as we say or money back. Reliable agents wanted. One man sold 300 last year, besides farming.

W. E. ASHBY TELEPHONE CUT OUT CO. 101 Square Street Charlton, Iowa

5 DRESSES ANY MAN

FREE TRIAL OFFER



I WILL give you my splendid outfit on a 60-day free trial entirely at my own risk, providing you are the first from your locality to accept my generous offer. I have always sold these splendid outfits to dealers, but this season, commencing with this very day, I have made up my mind to sell direct to the wearer and save every man the enormous profit that has always gone into the pocket of the dealer. To make my new plan a success right from the start I decided to place with one reliable person in each community my complete outfit for \$5.00 and not one cent more. This is my stylish ten-piece outfit — 1 Stylishly tailored suit, 1 President dress shirt, 1 King Edward cap, 1 pair Empire suspenders, 1 pair mending-proof hose, 1 Chesterfield tie, 3 fine handkerchiefs, 1 set golf buttons. To be safe in securing this offer send at once for tape, order blank, etc., for I can give to but one in a locality at this advertising price.

HON. ALTON F. MILLS, President CANADA MILLS CO., Dept. 27, GREENVILLE, MICH.

Don't Pay Two Prices for Stoves and Ranges

Order direct from our Stove Factory and save all dealers' profits. HOOSIER Stoves and Ranges are the "Best in the World." Fuel savers and easy bakers. Sold on 30 days' free trial. We pay the freight. Guaranteed two years. Our large illustrated catalog gives descriptions, prices, etc. Write for our catalog.



HOOSIER STOVE CO., Factory, 140 State Street, Marion, Ind.

other stocks and the list price by a large brokerage firm. This firm offers to sell stocks in these companies below the regular treasury price. Quotations are made on page 10. If interested in obtaining fuller information write, mentioning this paper, to Clawson-Strean Brokerage Co., Kansas City, Mo.

BUY TWINE EARLY. Basing this advice on past experience we feel it is a profitable thing to buy binder twine reasonably early in the season. It is not an uncommon occurrence for twine to advance a half cent to a cent in wholesale dealers' lists and several cents in the retail dealer's list. Much twine is now purchased direct from the factory. The advantage is a lower price, including freight, and a fresh, newly-made twine. If you are dissatisfied with the treatment your local dealer gives you, then why not send for price of twine to a good Iowa jobber, namely, Mr. August Post, of Moulton, Iowa? Farmers are wanted as local agents. Mention The Homestead when writing and see this page for this twine offer.

Soft Harness

You can make your harness as soft as a glove and as tough as wire by using Eureka Harness Oil. You can lengthen its life—make it last twice as long as it ordinarily would.



EUREKA Harness Oil

makes old harness like new. Made of pure, heavy-bodied oil, especially prepared to withstand all weathers. For all axle troubles use Boston Coach Axle Oil. Better and more economical than castor oil. Will not gum or corrode. Lasting, reliable, satisfactory. Highest Award, World's Columbian Exposition.

SOLD EVERYWHERE—ALL SIZES Made by Standard Oil Co. Incorporated

PROF. DEAN'S KING CACTUS OIL

THE BEST LINIMENT FOR MAN OR ANIMAL

CURES CUTS, SPRAINS, BURNS, BRUISES, SCALDS AND ALL EXTERNAL HURTS.

1/2c, 50c, and \$1 Bottles, \$3 and \$5 Cans at Drugists.

OLNEY & MCDAID, MFRS. CLINTON, IOWA.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

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Address all communications and business letters to

THE HOMESTEAD COMPANY,  
Des Moines, Iowa.

The preventive effect against tuberculosis of a considerable amount of fat in the body has led some scientists to assert that since fat cows are not as liable to be affected with tubercular disease, the daily removal of milk fat from the heavy milker makes her system more susceptible to the disease. It is said that in the South where cotton seed products are fed, cases of tuberculosis are rare. Here is a line for thought—who can tell?

## FREE DEAFNESS CURE.

A remarkable offer made by one of the leading ear specialists in this country. Dr. Branaman offers to all applying at once two full months' medicine free to prove his ability to cure permanently Deafness, Head Noses and Catarrh in every stage. Address, Dr. G. M. Branaman, 1300 Walnut Street, Kansas City, Mo.

## AMONG OUR ADVERTISERS.

Mrs. Eva E. Girard, proprietor of Evergreen Poultry Farm, Schleswig, Iowa, still has some nice Barred Plymouth Rock cockerels for those who have late purchases to make. They are nice birds and cheap considering their quality. See page 11 for the advertisement and mention The Homestead when you write.

The free trial ten piece men's clothing outfit which is advertised elsewhere contains one tailored suit, one dress shirt, one summer cap, one pair suspenders, one pair mending hose, one necktie, one set gold buttons and three handkerchiefs. All this goes at their special price as advertised on page 3. Write for order blank to Canada Mills Co., Dept. 27, Greenville, Mich.

"Glengarry," a 900-acre plantation farm in Tennessee, with 750 acres in cultivation and with extensive improvements, is offered for sale on this page. This land is represented as being a good crop-growing soil and has been a paying investment. As the owner wishes to return to the old country the property is thus offered. Write, mentioning The Homestead, to Mr. Harry Shaw, Somerville, Tenn.

At a very reasonable price on easy terms a fine 820-acre stock farm in central Minnesota is offered for sale elsewhere. Of this farm, 520 acres are fenced with woven wire and as water is abundant and grazing good this tract should make an ideal sheep grazing and fattening farm. Improvements are up to date and there is plenty of timber on the place. Rural delivery and telephone service, with good roads make this farm one of splendid location. Write for prices and particulars or see page 15. Mention this paper when writing. Address, Mr. Geo. W. Somerville, Sleepy Eye, Minn.

## THE PLAN OF "LUMPING OFF."

The method of "lumping it off" in selling stock is a constant source of loss to the farmer. Someone is bound to lose, and as the trader or stock dealer usually has the longer experience, it is a foregone conclusion that he is not going to be the loser. The progressive farmer of today recognizes the scale as an absolute necessity to farm economy. With it he knows to a certainty what he is doing. He can weigh his hogs or steers before feeding and again when they are ready for market, weigh the corn that it takes to place them in prime condition, multiply and subtract and tell beyond doubt whether it is more profitable to feed his corn or sell it on the cob. The accuracy of the scale depends upon the sharpness of the knife edges. In ordinary scales where the knives bear the whole brunt of heavy loads, driving on and off the knife edges soon become dull and as a consequence the scales are incorrect. The Howe Scale Company, of Chicago and elsewhere, have by a very ingenious device eliminated this trouble. They have inserted ball bearings between the platform and the frame, which relieves the knife edges of all this wear and tear. As the Howe scale rests on an independent platform and as the frame swings absolutely free there is no possible chance of binding, unless from an obstruction lodging between the frame and foundation which is easily removed. When an absolutely faultless beam is placed on a scale containing so many valuable and exclusive features as the Howe, then perfection in scale construction has been attained. These are the three chief mechanical features of a scale which should be

carefully studied by every prospective scale buyer. Write for illustrated catalog. Address the Howe Scale Company of Illinois, 1321 Wabash Ave., Chicago. See page 8.

## FRESH WATER WHEN YOU WANT IT.

Wouldn't it be a fine thing to have fresh water in your barn or house, just when you want it? The Myers Automatic Water Supply System will furnish this water just where and when you want it. It pumps automatically. This is one of the greatest inventions for the convenience of farmers that has ever been put on the market. The company will be glad to send particulars free to all those who will write them. They also want an agent for each county. Write The Myers Pump & Mfg. Co., Beals Bldg., Kansas City, Mo., mentioning this paper.

## AN ACKNOWLEDGMENT.

We are in receipt of the J. Stevens Arms & Tool Company's latest Book of Reference. It is by far the largest and most complete catalog this enterprising company has gotten out. From the exceedingly attractive full color front cover to the new cuts of their mammoth factory on the back page this book is full of facts interesting and valuable to the sportsman or anyone in fact who is interested in firearms and their proper care. Interesting chapters on ammunition, points on shooting, how to purchase firearms, sights, etc., make this a valuable acquisition to any man's library. Anyone who will write the J. Stevens Arms & Tool Company, Chicopee Falls, Mass., asking for catalog No. 52 and enclosing five cents to cover postage will receive this valuable publication free.

## LIFE PROTECTION

from piles, fistula, fissure and other diseases of the rectum is the guarantee which Dr. Josiah Johnston, Des Moines, Iowa, offers to those who take his treatment for these afflictions. Wonderful progress has been



made in the curing of these common troubles. Dr. Johnston cures by a system of mild treatment which results in permanent relief. No money is asked for until the patient is satisfied of a cure. No inconvenience is suffered in taking this treatment. In fact the doctor has many patients return home immediately after receiving his treatment. Associated with the doctor is his brother, Dr. Edw. A. Johnston, of Minneapolis, Minn. The same method of curing the afflictions mentioned is practiced in both offices. The object of having two places of business is to be more accessible to sufferers. If you wish to consult these authorities you may visit whichever one is most convenient. Remember their motto is "no cure, no pay." On page 16 will be found a long list of those who have been cured. They represent only a few of the many. If you are a sufferer from any of the afflictions which these specialists treat, write them for advice, which is free. Address, Josiah Johnston, M. D. 512 W. Walnut St., Des Moines, Iowa. Kindly mention The Homestead when writing.

## T. H. ISAAC'S DUROC JERSEYS.

One of the most popular breeders of Duroc Jerseys in western Iowa is Mr. T. H. Isaac, of Red Oak, Iowa. We have known him and his herd for several years and can truthfully say that no other breeder has given more satisfaction to his customers than has Mr. Isaac. He breeds a type of Duroc that has been popular with his customers and a type that is demanded by his patrons. We want to add to this and say that his will be the type more Duroc Jersey breeders will want in the near future, and that is with plenty of bone and lots of size. He has made it a rule of late years to never buy a boar or a sow that has not got these qualifications, and his present crop of pigs show that to get the necessary size of bone desired you must breed it. For herd boars he has the following boars, and they are the sires of

those bred by him this year: Belle's Red Chief, a son of Red Chief I Am and out of Nebraska Belle; Educator, a son of Indicator and out of a Nancy sow; Royal Knight, a son of the sweepstakes boar, Red Knight, and Peerless Chief, a son of Ohio Chief. Mr. Isaac also has litters by W. L. A.'s Choice Goods, Proud Lady's Orion, F. A.'s Choice Goods and one litter by the great young boar, Valley Chief. He has 112 spring pigs and thirty fall stuff. Lady Advance, a granddaughter of Proud Advance, has seven nice pigs by F. A.'s Choice Goods, and Miss

Orion, a granddaughter of Orion Dandelon, has a litter by Valley Chief, and one of the boar pigs in this litter is a good one. He has a great litter out of a sow called Belle Roberts and sired by Royal Knight. We might also add that some of the pigs he has this year are sired by this boar. Another splendid litter is out of a daughter of Carroll Jumbo and sired by Peerless Chief. These pigs came March 16th, and are big, stretchy fellows. Mr. Isaac has a good litter of seven by Proud Lady's Orion, the \$425 boar, and these are out of a granddaughter of old Gold Dust Jim. He has other good ones, but they are too numerous to mention. Suffice it to say that he has some good ones, and he has plenty of size in them. He has the reputation of being one of the best feeders in the state and he always has some good things to show the boys when the fall season rolls around. He always makes a fall and spring sale and has never failed to have a good one.

## GOVERNMENT ORDERS FENCES DOWN.

Wyoming is going to be a good farming country, as it was just recently that the United States government ordered all fences removed that had any government land inclosed, and all the ranches had more or less United States land in their inclosure. It has put the ranchman out of business, and this land is thrown open for settlement. The ranchman has held this land for about thirty years, keeping out the settlers and farmers; but now the time has come when you can get this land. This is the best-watered section of the southeastern slope. The soil is a dark chocolate loam, underlaid with a good clay subsoil. The climate is exceedingly fine. No long, cold winters nor summers too hot, and hot winds are unknown. Good water can be had at a depth of from fifty to 125 feet, as this country is all underlaid with sheet water. The rainfall is sufficient for all growing crops. Observations prove that the heaviest rainfall comes during the growing months of April, May, June, July and August, which assures a good crop every year. This land can now be bought at from \$8 to \$15 per acre. The Arcade Land Company, of Des Moines, Iowa, have 40,000 acres of this land for sale on very easy terms. See their advertisement on page 15 of this paper.

# An Open Letter

DEAR SIR:

What would your conscience say to you if lightning would strike your house and injure some member of your family, possibly cripple them for life, or possibly kill someone outright? This is often done you know. You could not claim ignorance on the subject and say you did not believe in lightning rods and that they would not do any good, as we have had our advertisement in this paper for a long time and have offered to send you our booklets free. You can understand the theory of lightning as well as anyone else.

Now-a-days protection from damage by lightning is not mere guess work, nor a hit or miss proposition, but it is all figured out on a scientific basis, and experts acknowledge that where Dodd & Struthers rods are used the danger from lightning is almost, if not entirely eliminated.

We, ourselves, are so sure that a building rodged with our rods will never be injured by lightning that we give a written guarantee with every job we put up. In this guarantee we agree that if you have any damage that we will refund the money paid for the rods. We do not agree to give you \$500, nor re-build your barn, as that would be illegal and such a contract could not be enforced, for it would conflict with the insurance laws, but we do agree to give you back the money paid for the rods if they are not as they are represented.

The papers have been full of stories of how lightning struck and burned buildings within the last two or three weeks and several deaths have already resulted from lightning strokes. Your property and the lives of your family are in danger from lightning if you do not have properly constructed rods properly erected on your buildings. This is not a sentimental proposition entirely, as insurance statistics show that 75% of their losses on detached buildings are caused by lightning and none where Dodd & Struthers rods are used. There is no loss where our rods are used, because they are carefully manufactured and they are only put up by men who not only understand how the work should be done but who do it in the proper manner.

The National Insurance Company of Omaha, Nebraska, gives a discount of 25% where our rods are used.

Write to us for further information along this line and we will be glad to explain to you why lightning strikes your buildings and how the rods protect them. You are not under any obligation by asking for this information, but we want to acquaint you with the facts, then we want you to decide the matter according to the facts and according to your own best judgment. We are willing to risk your judgment if we once get the facts before you.

In dealing with us, if you have any doubt as to our responsibility and reliability, ask your banker about us and he can tell you our financial standing. Write to the editor of Wallaces' Farmer in regard to our rods and we feel sure he will say a good word in regard to our rods and our system of doing business. Write to us for our free booklet on the subject of lightning and ask us any question concerning lightning that you wish to ask and we will take pleasure in sending you our booklet without charge and answer your questions to the best of our ability.

Every time we see a loss by lightning we feel that we are in some measure to blame, for we know that the loss could have been prevented had we only acquainted the man with the merits of our rods.

Remember the word "Light-ning-rod" is a broad term and covers a great deal. In order that you may be sure of getting the best rods on the market and have them properly erected, and that you are not imposed upon by someone selling an imitation of our goods, we have burned our initials, D. & S., into every spool of our rods, and if you will look for this trade mark you are insured against fraud—for we vouch for our agents as well as for our goods.

Remember the Trade Mark, D. & S., and look for it on every spool of rod.

Yours very truly,

**DODD & STRUTHERS, Des Moines, Ia.**



The Winner 13765, was third prize boar in the under one year class at the Illinois State Fair, 1906, in a large show. He is a low-down hog with fancy head and ear, good bone, and extra length with good ham. Mr. D. H. Lewis, of Geneseo, Ill., the proprietor of the Bluff Road herd of Chester White swine, is offering this boar for sale at a very reasonable price. See field notes.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis. and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

UTILITY Bred Rocks (money-makers), fresh, selected eggs, carefully packed, 100, \$4.00; 50, \$2.50; 15, \$1.00; satisfaction guaranteed. Adam A. Weir, Clay Center, Nebraska.

WHITE ROCKS—Won five prizes at Oelwein. 15 eggs, \$1.50. George Blake, Oelwein, Iowa.

HIGH Scoring White P. Rock eggs. 50 for \$1.50. Mrs. J. Holmgren, Gilmore City, Iowa.

BUFF ROCK EGGS, \$1.00 for fifteen. Mrs. J. W. Martin, Mason City, Illinois.

## LEGHORNS.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York, prize winners. 26, \$1.50; 100, \$1.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. H. M. Johnson, Formosa, Kan.

## RHODE ISLAND REDS.

SINGLE Comb Reds, exclusively. Eggs from prize winners at reduced price in June. Hites Bros. Route 3, Beacon, Iowa.

RHODE ISLAND REDS, both combs; eggs, 15, \$2.00; 50, \$3.00; 100, \$6.00. G. Weiser, Humboldt, Ia.

## WYANDOTTES.

SILVER LACED WYANDOTTES, exclusively. Guaranteed eggs. Circular free. John A. Johnson, Route 1, Dayton, Iowa.

WHITE WYANDOTTE Eggs—bargains balance season; high quality stock. S. Harr, Riverside, Ia.

## TURKEYS.

MAMMOTH White Holland turkey eggs and Chas. Single and Rose Comb White Leghorn eggs. Circular free. Mary Culver, Route 1, King City, Mo.

## LANGSHANS.

BLACK Langshan eggs from high scoring and prize winning birds. \$2.00 for 15, \$3.50 for 30. Philip Salsburg, Lorimer, Iowa.

## MISCELLANEOUS POULTRY.

ORPINGTONS, Rhode Island Reds, Partridge Wyandottes and 20 other varieties, each on separate farm. Eggs, \$6.00 per 100, \$1.00 for 13. Catalog free. Harris Poultry Co., Clay Center, Neb.

EGGS \$1.00 per 15 of 40 varieties of show birds. Catalog free. Breeders at a very low price; score as high as 97. F. J. Damann, Farmington, Minnesota.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

PATENTS promptly obtained at no fee, and advertised at our expense. Widewake inventors should write for booklet on "Patents That Pay." D. Swift & Co., Washington, D. C.

## DOGS AND BIRDS.

DOGS AND BIRDS—Dogs, pigeons, poultry, rabbits, ferrets, cattle, sheep and swine for sale. 10 cents for 60 page illustrated catalog. Charles H. Landis, Dept. F, Reading, Pennsylvania.

## HOGS.

O. L. C's.—By speaking quick you can get one of my choice, either sex, six weeks pigs for \$7.50. Geo. W. Saunders, Marceline, Mo.

## POEMS.

THE RIVER BEND and other poems, Tac Hussey. Sent to any address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

## CATTLE.

REGISTERED RED POLLED CATTLE.—Bargains in females to reduce herd. Good size, well bred. Write for booklet and particulars. O. P. Russ, Haverwood, Missouri.

## DOGS.

FOR SALE—Fine registered Scotch Collie puppies. Bred from trained parents; natural heelers. Males \$7; females \$5; also one yearling Scottish Terrier. Female, vicious ratter. Price \$10.00. A. H. Gerot, Riverside, Iowa.

PEDIGREED SCOTCH COLLIES—Male ready for work; beautiful dog, \$20; grand litter pups. Color sable, white markings; males \$7; females \$5. Shipments made on approval. S. Harr, Riverside, Iowa.

## SCHOOLS.

TELEGRAPHY and Railroad Accounting—Summer rate for June. Work for your board. Tuition refunded to you by railroad company; position guaranteed; salary fifty to seventy-five. Railroad wire in school. Most thorough railroad school and cheapest. Wisconsin School of Telegraphy, Oshkosh, Wisconsin.

## VETERINARY.

\$100 WORTH RECIPES. Lump jaw cure, salve formulas worth \$20, liniment formula to cure spavin, mange, corns, warts and running sores on man or beast. All for \$1. George Burns, Canton, S. D.

## REAL ESTATE.

GREEN WOOD County, Kansas, Land—Best cattle country in state. Water; timber; fruit; bluestem alfalfa; bluegrass; wheat; corn; schools; churches; good towns. No failures; east of dry belt. Ten to forty dollars. Write Bowman Land & Loan Co., Bureka, Kansas.

HOME, STOCK FARM OR INVESTMENT—1,800 acres, level, nice land in old Virginia. Fronts on large river. Salt water, 4 tenant houses, one large barn, 3 artesian wells, fine water. Will sell cheap. W. H. Broadus, West Point, Virginia.

"WRITE FOR FREE BOOKLET" descriptive of eastern South Dakota farms, well improved, for sale on easy terms. Desirable settlement. Prosperous stock feeding farmers. Gold & Co., Big Stone, South Dakota.

FOR SALE—Northeastern Colorado wheat lands from \$5 to \$8 per acre. Homesteads going fast. Can locate you. Write J. B. Reinhardt, LeRoy, Colo.

A BARGAIN—Our 400 acre farm. Two sets buildings, fine shape; two miles to station. Cerro Gordo Co. \$57. Box 70, Route 1, Hanloutown, Iowa.

I MUST Have Money—Therefore 5½ sections five Ellis County, Kansas, land will go at low price of \$8.00 per acre. Wm. Robbins, Thayer, Kansas.

TEXAS. If you want a home cheap, in the center of the Staked Plains, write us for full information. Hartford Land Co., Lubbock, Texas.

Relinquishment to 160 acres, 3½ miles from Nunn; on U. P. R. R.; prospect of a ditch; only \$500. 318 Peterson St., Ft. Collins, Colorado.

TRADE. I want to trade or sell six good Iowa farms in next sixty days. Come, see or address H. D. Holmes, Riceville, Iowa.

IOWA 800 farms as good as Illinois \$125 kind. Send for booklet of prices. "Secor," Postmaster, Buffalo Center, Iowa.

160 ACRES of good land free to old soldiers and Spanish war soldiers. Address A. W. Giffin, Holt, Oklahoma.

SAY, if you want to buy a farm or offer a good trade, write Buckeye Agency, Williamsburg, Kan.

FOR SALE—120 acres; best of Palouse land. E. 409 Montgomery Ave., Spokane, Washington.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

HARPER COUNTY, KANSAS, where they raise winter wheat, corn, alfalfa, fine cattle and hogs every year. 320 acres sub-irrigated second bottom land, gently undulating, dark, sandy, loam soil, one year from the sod. 100 acres winter wheat, 100 acres corn, 100 acres knifed corn now growing. 20 acres fine pasture fenced, good well and pump. ½ rent delivered at elevators in good town on two railroads. A great bargain at \$20 per acre; \$4,500 cash, balance three years at six percent interest. Must be sold at once. Write or see Theo. B. Mursh, Anthony, Kan.

COME to South Texas—Never hot, never cold, delightful climate, no malaria, the poor man's opportunity for cheap home where he can grow late cotton and \$100 cabbage crop per acre on same land same year. 25,339 acres, in 80-acre tracts, rich black prairie land, Nueces County, fronting 7 miles on Texas-Mexican railroad; station on land, easy terms. Write for particulars. Roberts & White, Corpus Christi, Texas.

TO EXCHANGE for Income Property or smaller farms. 1 ranch 800 acres, 3 sets of improvements, near town. 1 ranch 1,240 acres; improvements cost \$8,000. 1 ranch 2,200 acres; prices run from \$10.00 to \$40.00 per acre. Write for my list. I have many bargains in farms. A. Smith, Stuart Nebraska.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert E. King, Goodland, Kan.

FOR QUICK DEAL—220 acre farm, well located, Union County, Iowa. \$70 per acre; will take \$60 cash on this at same price. Write at once for complete description and terms. J. A. Stearns Land Co., Creston, Iowa.

BIG BARGAINS in improved farms, \$15 to \$40 in western Kansas and wild land \$7 to \$20. Fine houses; trees; water. Write for map and list of farms. Address: Lock Box, 464, Oskaloosa, Iowa.

FIVE Madison County, Iowa, farms for sale by owners, one improved, four unimproved, 140 to 240 acres; 1 to 4 miles to good railroad town. Priced to sell. Alexander & Williams, Winterset, Iowa.

The best place to buy farms is in Henry, Bates and Cass Counties, in old Missouri. Tell in first letter what you want. See how quick we can fix you out. Fraley & Graham, Urich, Missouri.

WILL SELL to settle an estate any fraction of four sections of the best land in the Panhandle. Close to Oklahoma. Ten dollars per acre. J. C. McKean, Ivanhoe, Oklahoma.

FOR SALE—120 acres, northern Iowa. Highly improved; near good town. Mail delivery and telephone; good buildings. Address owner, A. Upcraft, LeRoy, Minnesota.

FOR SALE—Fine 156 acre farm; fair improvements. Adjoining Vernon, Woodson county, Kansas; might exchange for Iowa farm. It. H. Knight, owner, Spencer, Iowa.

BARGAIN IN COFFEY COUNTY—100 acres improved Neosho river bottom farm; 3 miles, two good towns. Price, \$80 per acre. Lane & Kent, Burlington, Kansas.

FOR SALE—½ section in Lake Park region. Good improvements. Near town, church and school. Write the owner, N. D. Gleason, Clear Lake, Minnesota.

SOUTHWEST MINNESOTA CORN LANDS. Iowa soil and conditions at half the price in this locality. E. H. Craudall, Montevideo, Minnesota.

FOR SALE—320 acres Bourlton, Kan., fair buildings. Would make good stock farm. \$9,600. J. I. Case Threshing Machine Co., Racine, Wisconsin.

SPLENDID 60, well improved, 1½ miles from town, 80 from Kansas City. For description and price write Wm. Collins, Agricola, Kansas.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone, \$30 to \$40 acre. M. Wight, Lantham, Barton County, Missouri.

## REAL ESTATE.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

TEXAS SCHOOL LAND—Better than Oklahoma. Over 8,000,000 acres to be sold by state, \$1 to \$5 per acre, only one-fortieth cash, balance 40 years after date, only 3% interest. Secure a home now. Send \$1 for book of instructions, state law and map. Ashby James, Special Land Atty., Austin, Texas. Reference, American National Bank, Austin.

FIRST-CLASS farm, 480 acres. Level; excellent soil and water. Four miles from good town. Raise all Iowa and Illinois crops. Great bargain; \$20 per acre. Reason for sale, other business. Come and see it. Mention this paper. Address F. M. Walcott, Valentine, Nebraska.

JACKSON and Jefferson counties, Kansas; 230 acres, splendid, modern new buildings, adjoining station, good land, all time and wild grass. Catholic settlement. Price, \$14,000.00. Write for prices on 40 acres to a section. W. A. Gilliland, (Farmer,) Mayetta, Kansas.

BARGAIN—240 acre farm in Sumner county, Kansas. Well improved; good 5 room house; new barn; all smooth level land. Adapted for corn, wheat or alfalfa. Price \$6,200. We have other bargains. Write. Gile & Bousall, South Haven, Kan.

WE sell farms anywhere in the United States. If you buy or sell through us, owner and purchaser deal direct. Write for lists and terms for selling. No commission charged. Globe Realty Co., 824 Kansas Avenue, Topeka, Kansas.

SPECIAL BARGAIN in large tracts of Michigan land suitable for sheep or cattle ranches. Also small tracts for farms and fruit. Write for map and particulars. J. E. Merritt, Munistee, Michigan.

FOR SALE—Good cattle ranch in western Nebraska with or without cattle. It will be sold reasonable; buy of the owner and save commission. Address owners, box 22, Redington, Nebraska.

GOOD HEALTHFUL CLIMATE, mild winters, time grasses, corn, and all crops grow profusely. Write for descriptive lists. C. W. Wilder & Co., Richards, Missouri.

DEEDED LANDS and homestead locations; large and small tracts. Enclose dime for maps. Agents wanted. Address W. H. Gammon, Oacoma, Lyman county, South Dakota.

WHEAT FARM—Half crop payments. E. A. Wadsworth, Langdon, North Dakota.

## MISCELLANEOUS.

CAMPBELL'S SOIL CULTURE MANUAL—Indispensable for the dry country. Indorsed by scientists and practical farmers. All about it in simple language and plain directions. Success demonstrated in every part of the Semi-Arid West. Crops absolutely sure and much better than by haphazard farming. Without irrigation, no betting against farming. Send for free circulars and find out how to keep up with the times, or 10 cents for Soil Culture Almanac worth 100 times as much. Prof. H. W. Campbell, 20 Music Bldg., Lincoln, Nebraska.

THE THAW-WHITE tragedy. Do you want to read the facts about that famous murder case? Then drop us a postal card. The Book Shop, 218 East 12th St., Kansas City, Missouri.

FISTULA and Piloni Evid Cure, deafness and lockjaw; 100 other household and veterinary formulas. One farmer writes: "Worth \$1,000." Price \$1.00. A. A. Campbell, Atlantic, Iowa.

FOR SALE—Milk route in town of White Sulphur Springs, Montana, doing business of \$5,000 a year. No opposition. Lehnert Bros., White Sulphur Springs, Montana.

MICHAELISE BARGAIN—Invoice \$3,500; annual sales, \$20,000, \$80 per month. Postoffice in store. Hickey Agency, Williamsburg, Kansas.

NICURALGIA—Positive, permanent cure. One dollar guaranteed. A. S. Way, Springfield, Ohio.

## Sows Bred to Meddler Average \$193.15

The spring sale of Poland China sows bred to the mighty Meddler, which took place Friday, May 24th, at the new sale pavilion, Wichita, Kan., was a success from start to finish. There were more than 400 present; mostly breeders from Kansas, Missouri, Illinois, Indiana, Nebraska, Oklahoma and Indiana Territory. The top of the sale went to Mr. W. J. Honeyman, of Madison, Kan., he paying \$1,200 for Perfection Chiefess 3d 223384, a litter mate to his prize-winning boar Perfect Challenger 88403. No. 5 was purchased by W. N. Wingate, of Trenton, Mo., for \$605, after much spirited bidding had been indulged in. No. 4 went to Mr. Frank Dawley, of Waldo, Kan., for \$330. Other buyers also secured good ones, but it would be impossible for us to enumerate all, as every sow offered was good. On Thursday, May 23d, Messrs. Hebbard & Roy tendered a banquet to the visiting breeders, newspaper representatives and their families at the Commercial Club. Short talks were given along the line of improvement to pure-bred hogs and each one was listened to very attentively. Messrs. Hebbard & Roy request us through the columns of our paper to thank their many friends in making their sale the largest attended and most successful one ever held in Kansas. Below is a complete list of all sales made:

1. Perfection Chiefess 3d, sire Chief Perfection 2d, dam E. L.'s Delightful. W. J. Honeyman, Madison, Kan. \$1,200.00
2. Keep On Lady, sire Keep On, dam Black U. S. Yet. J. R. Roberts, Deer Creek, Okla. 162.50
3. Fire Bug, sire Corrector 2d, dam Fire Queen. Frank Dawley, Waldo, Kan. 330.00
4. Sweet Keep On, sire Keep On, dam Miss Perfection, W. N. Wingate, Trenton, Mo. 605.00
5. Early Bird, sire T. R.'s Perfection, dam Darkness Girl 2d J. R. Young, Richmond, Mo. 315.00
6. Lady May, sire Chief Perfection 2d, dam Invinsa. E. S. Davidson,

- St. John, Kan. 300.00
8. Perfection Queen, sire Chief Perfection 2d, dam Kempona. J. C. Larrimer, Derby, Kan. 170.00
9. Sea Foam, sire Perfection E. L. dam Keep Good. John Heeron, Carroll, Neb. 150.00
11. Flossie Challenger, sire Perfect Challenger, dam Miss Bonnie. T. E. Knox, Nardin, Okla. 162.50
12. Fairy Maiden, sire Chief Perfection 2d, dam Mischievous. J. W. Reed, Jr., Eddy, Okla. 170.00
13. Meddler's Lady, sire Impudence, dam Meddler's Darkness. Walter Martin, Belle Plaine, Kan. 200.00
14. Rosemeade, sire Regulator, dam So Sweet. R. A. Anderson, Wellington, Kan. 112.50
15. Substitute sire Keep On, dam Perfection E. L. G. W. Roberts, Larned, Kan. 150.00
17. Ou's Sundowner, sire On and On, dam Tecumseh Lady. H. B. Van Hoover, Spring Garden, Mo. 150.00
18. Winne On, sire On and On, dam Elite L. Snyder Bros. Winfield, Kan. 135.00
19. Oak Grove Perfection, sire Chief Perfection 2d, dam Nemo's Style. E. S. Davidson. 100.00
20. Pearl Keep On 3d, sire Perfect Sunrise, dam Pearl Keep On. E. W. Shriver, Clearwater, Kan. 142.50
21. Luminary, sire T. R.'s Perfection, dam Rumping Eve. Detrich & Spaulding, Ottawa, Kan. 225.00
22. Peach Blossom, sire Crief Perfection 2d, dam U. S. Perfection 5th. J. D. Adams, Moline, Kan. 200.00
23. Correct Pansy, sire Corrector, dam Pansy Keep On. W. N. Wingate. 250.00
24. Keepsake's Beauty, sire Chief Perfection 2d, dam Fairy Goods. E. Honeyman, Madison, Kan. 150.00
25. Grand Finish, sire Grand Perfection, dam Satisfaction. H. H. Kuper, Thomas, Okla. 250.00
26. Denver Girl, sire Chief Perfection 2d, dam Lady Majesta.

- H. H. Kuper 200.00
27. Sweet Dreams, sire Perfection E. L., dam Silky I Know. H. E. Lunt, Burden, Kan. 127.00
28. Almonds Sweet, sire Perfection E. L., dam Silky I Know. A. W. Shriver. 112.50
29. Gold Dust, sire Chief Perfection 2d, dam Kempona. G. A. Hayden, Newkirk, Okla. 145.00
30. Little Impess, sire Impudence, dam Thelma. W. J. Honeyman. 130.00
31. E. L.'s Pippin, sire Perfection E. L., dam Seal Skin. E. McDaniel, Parsons, Kan. 170.00
32. Seal Skin E. L., sire Perfection E. L., dam Seal Skin. J. C. Larrimer. 145.00
33. Dorothy, sire Meddler, dam G. W. Roberts. 100.00
34. My Style, sire Perfect Challenger, dam Delightful Sunshine. Goodrich Stock Farm, Eldon, Mo. 100.00
36. E. L. Pansy, sire Perfection E. L., dam Isl. I. E. Knox. 122.50
37. Sunshine Ahead, sire Keep Ahead, dam Keep On Sunshine. A. & P. Schmitz, Alma, Kan. 175.00
38. Ansie, sire Chief Sunshine, dam Choice Perfection 2d. J. R. Young. 55.00
39. E. L. Daisy, sire Perfection E. L., dam Isl. F. D. Winn. 102.50
40. Merry May, sire T. R.'s Perfection, dam Comfortable. T. W. McKay, Laredo, Mo. 225.00
41. Silk Stocking 2d, sire W. B.'s Chief, dam Black Stocking. W. L. Martin, Belle Plaine, Kan. 90.00
42. Miss Jim, sire Keep On, dam Extra Fancy. F. G. Neis, Goddard, Kan. 147.50
43. Beauty Subbeam, sire D's Ideal Sunshine, dam Model Beauty. M. O. Vint, Kiusman, Ill. 117.50
44. Peerless Whiteface 1st, sire Peerless Perfection 2d, dam White Faced Beauty. I. E. Knox. 100.00
45. Substitute, sire D's Ideal Sunshine, dam Fred C. DeMott, Arkansas City, Kan. 125.00

47. On Surprise 2d, sire On and On, dam Miss Surprise 2d. W. D. McFarland, Chase, Kan. 107.50
48. Pansy, sire R's Grand Chief, dam American Beauty. C. W. Dingman, Clay Center, Kan. 67.50
49. Morning Glory, sire Chief On and On, dam Perfect Sunshine. G. Hayden. 126.00
50. Chip's Lady 3d, sire Mo's Chip, dam Lady Black 2d. Goodrich Stock Farm. 167.50

## SUMMARY.

46 Head \$8,734, average \$186.00

## OKLAHOMA BREEDERS ATTEND MEDDLER BRED SOW SALE AT WICHITA, KANSAS.

A most noticeable feature which attracted much attention among the breeders in attendance at the Meddler bred sow sale, at Wichita, Kan., May 24th, was the large attendance of breeders from the new state. Among those seen were Messrs. E. G. Barnard, Hennessey; Robert Rounds, Hennessey; A. Hafer, Blackwell; H. H. Kuper, Thomas; J. W. Reed, Jr., Eddy; I. E. Knox, Nardin; Ben Colbert, Tishomingo; J. R. Roberts, Deer Creek, and J. E. Harston, Lookaba. These breeders of Poland China's are always on the lookout for the best of the breed.

Generally speaking, we have got bravely over the idea that a farmer's time isn't worth anything. Ten years ago we remember hearing a farmer say, when asking about some work he expected to do, "I don't care much how long it will take to do it; my time isn't worth anything at this season of the year." It was during the winter. The average farmer's time is worth a good deal now, even if in the winter, for muddy fields is the only thing that usually keeps him from doing work that counts in dollars and cents; manure hauling, for instance,



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## TAXES IN WISCONSIN.

Mr. Milford Johnson, Lee Co., Ill.—What amount of taxes per \$100 valuation, can be lawfully levied in the state of Wisconsin?

Answer.—For county taxes one-half of one per cent, unless a larger per centage is necessary to meet prior indebtedness. The rate of state taxes depends upon the action of the secretary of state, state treasurer and attorney general, who constitute the board for state assessment.

## UNLAWFUL MARRIAGE—INHERITANCE.

A Subscriber, Lawrence, Kan.—A was married in Europe about fifty years ago to B, and they had one child. A then came to America, and after a time married C, and lived with her until her death. C and her children knew nothing of the first marriage of A. Can B and her child get a part of A's property?

Answer.—They are entitled to all of it by law. According to your statement C was never the lawful wife of A. His alleged marriage with C was not lawful, because he then had a wife living.

## INHERITANCE IN NEBRASKA.

A Subscriber, Lexington, Neb.—A was a widow with one child. She married B. She owns real estate. (1) In case she should die without a will how would her property be divided? (2) When these parties were married, B had some personal property, and after their marriage through their joint efforts, they accumulated more property, both real and personal. Suppose then B dies without a will, there being no issue of the marriage, how would his property be divided?

Answer.—(1) If she owned it at the time of her marriage to B or if it came to her otherwise than as a gift from B her child will be entitled to all of it, if she dies intestate. (2) His widow would be entitled to it for her natural life,—it would then go to B's father.

## IMPROVING COUNTY ROAD.

A Subscriber, Chicago Co., Minn.—I own a farm by the main road. B owns a farm back of mine. He had no outlet, so about fifteen years ago I permitted him to have a road through my land, but no improvements were made on it. Two years ago a county road was laid out by B's place, leading to another road; the farmers were paid for the land it occupies, but no improvements have been made on this end of it. (1) How long must I wait for this new road? (2) What steps can I take to have the road opened and improved?

Answer.—(1) We do not know. (2) Bring what influence you can to bear

## FOR SALE.

One Peerless 16-Horse Engine, one Peerless Separator, Self-feeder and Wind Stacker, also one Joliet No. 2 Cornsheller. This machinery is good as new. Will sell for half its cost when new. Will sell for cash, or write what you have to trade.

W. R. HAINLINE,

Blandinsville, Illinois

upon the county board. It has the power to open and improve the road, which you permitted B to use. That might hasten the improvement of the new road.

## DEEDS—DELIVERY

A Subscriber, Courtland, Kan.—A made deeds conveying his property to some but not all his heirs and had said deeds attested by two witnesses, and then put them in the hands of a notary public to hold until A's death, with instructions to the notary to then have them recorded. (1) Does the fact that said deeds were made to a part of A's heirs and not to all of them affect their validity? (2) Does the fact that the deeds were not delivered to the grantees, or recorded affect their validity?

Answer.—(1) It does not. (2) If under A's instructions the notary actually delivered the deeds to the grantees after A's death, that amounts to a legal delivery and the deeds will be good.

## DIVISION LINE—MISTAKE.

Mr. Ira Burnett, Elgin, Iowa.—A deeded to C 100 acres of land, more or less. Afterwards C found that B had a line fence over on C's land three rods for the entire line of 160 rods. This fence has been there for fifteen years. B refused to have a survey made. (1) Can C have a survey made and move the fence over to the true line? (2) What recourse, if any, has C against A?

Answer.—(1) He cannot, without B's consent. (2) If the line fence was placed where it is by mistake of the adjoining owners, and is not on the true division line, C can bring a suit against B in the district court to fix and determine the corners and boundary line between their farms, and by proving that the parties were mistaken as to the line when they erected the fence and proved the exact location of the true line, he can obtain a decree establishing a true line, and ordering the fence moved accordingly.

## CONTRACT ABOUT LAND.

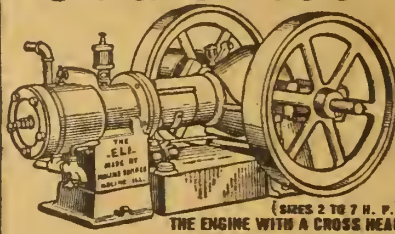
A Subscriber, Hoopetown, Ill.—A and B own adjoining lands. A's farm lies higher than B's farm. A wanted an outlet for part of the drainage water on his farm and he and B agreed that A should pay B the difference in the cost of tile needed to carry all the drainage water from both farms. A paid B the sum agreed upon, and took B's receipt for the money, and now refuses to furnish A the outlet upon the ground that no time was set for him to do so. What recourse has A?

Answer.—Perhaps the only remedy A has is to sue B for the money. He can recover a judgment for that, but it is doubtful whether he can enforce the contract, as it seems to have been an oral one and relates to an easement in land. B's reason is no legal reason at all, for if this same contract was in writing A could enforce it. In such a matter the law implies that performance must be made within reasonable time—what that is, depends upon circumstances in each case.

## RENTING CONTRACT.

A Subscriber, Milton, N. Dak.—A rented a farm from B upon the following terms and conditions: A was to furnish and perform all work necessary, and give B one-third of the grain delivered in his granary at the time of thrashing. A was to break twenty acres of ground, sow it to flax, and to do the road work required, and to pay B \$45 for rent of the hay ground, on the place. B was to pay A \$50 per acre for the breaking. A was unable to do said breaking in the spring, and he got B's written consent to do it in the summer season. (1) Can B compel A to pay for thrashing B's third of the grain? (2) Can A lawfully

## 44 Years Business Guarantee



## ELI Two Cycle GASOLENE ENGINE

Ask the man who owns one and he will tell you that it is the most powerful and trustworthy engine on the market—that it has no inlet or exhaust valves to be frequently reground—no cams, valves, levers or pivots to wear down and spoil a day's work—no compression in the crank chamber to leak and cause trouble—that only a very few parts can ever wear out—that they wear very slowly and are exceedingly inexpensive to renew—and that as long as there is any engine left, it will continue to take in the charge and expel the exhaust on exact time.

For details and prices send for our free catalogue. Anyhow, investigate for yourself. You cannot afford to pay for your dealer's mistakes.

Moline Pump Company (Established 1863) 364 Twentieth Street, Moline, Illinois

Also manufacture "Illinois" 20 h. p. Runabouts, "Kid-Auto" Children's Hand Cars, Iron Pumps, Marine Motors, etc.

Our 991 Enthusiastic Iowa Users To Date Are Our Best Advertisement.

## Wealth in Irrigation

New Opportunities to Acquire Home and Independence  
Cheaper than Paying Rent—Crops Large and Certain

On Tuesdays, May 7 and 21 and June 4 and 18, 1907, I will personally conduct you to this LAND OF OPPORTUNITY, to the growing towns and fertile, irrigated valleys of the Big Horn Basin, Wyo., where you can enter 160 acres of irrigated land at 50c. an acre plus cost of water; also the Yellowstone Valley with its beet sugar factory and irrigated lands. Do you want to go?

The Government is spending millions for irrigation in these localities.

These lands, adjacent to the Burlington Route, are as rich and productive as any the sun shines on, and lie along beautiful streams with an abundance of pure mountain water. Plenty of timber and coal. Climate, ideal.

Why pay rent when for same payments you can own your own home?

I am employed by the Burlington Route to show these lands and my services to you are free.

SPECIAL ROUND TRIP RATES from Omaha, Lincoln and Kansas City, \$20, St. Louis \$25, Chicago \$25. Excursions leave Omaha 4:10 p.m., Lincoln 6:00 p.m., Kansas City 9:50 a.m. and 6:05 p.m., St. Louis 8:02 a.m., and Chicago 9:15 a.m., on dates named.

Burlington Route

NEW FOLDER FREE. For our new folder with large map, telling all about these lands, the markets, what the farmers raise, how to acquire title, and much other valuable information, write to

D. Clem Deaver, General Agent,  
LAND SEEKERS' INFORMATION BUREAU,  
1009 Farnam St., Omaha, Neb.

3320

withhold the cash rent until B pays him for the breaking? (3) Can B recover damages from A because he did not do the breaking in the spring?

Answer.—(1) He can, because that was the legal effect of their contract.—A was to do all work and give to B one-third of the grain delivered in the gran-

ary. He could not so deliver it until it was thrashed, hence the whole thrashing bill should be paid by A. (2) He can, that is one claim can be set off against the other pro rata. (3) He cannot, because he waived the time of the breaking, by giving his written consent that it might be done in the summer season.

## ADOPTION OF CHILD.

Mrs. J., Elkport, Iowa.—We live on a farm and have no children of our own. We wish to adopt a child. Would take one from a children's home, if suitable. We are religious people. What steps can we take to legally adopt a child?

Answer.—You must have the written consent of the child's parents or guardian, or if it has neither, the consent of the mayor of the town, or the clerk of the district court, or if the child is in a home for the friendless, the consent of the officers of such institution. The document containing such consent and the adoption of the child must be signed and acknowledged by all the parties to it, like a deed, and recorded in the county recorder's office.

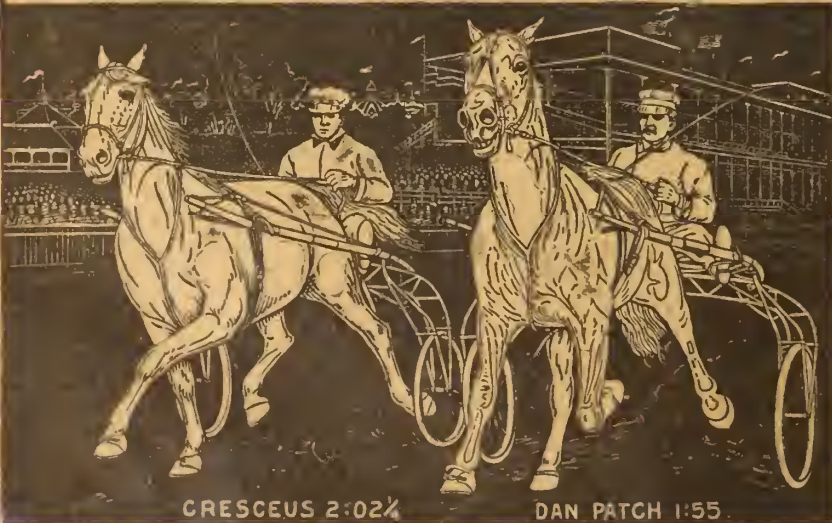
## PARTITION OF LAND.

A Missouri Subscriber.—A, B, C, D and E are joint owners of eighty acres of land with equal rights, each one owning an undivided one-fifth of the land. E is determined to have the land sold and the proceeds divided. At present E is allowed two-fifths of the rent of the land, but she is not satisfied, and wants the land sold. (1) Is there any way for the others to prevent a sale of the land? (2) Could A, B, C and D have the court cause the land to be appraised, and its value fixed, and determine what sum they should pay E for her share?

Answer.—(1) Probably not. Any one of the co-owners can bring a suit in the circuit court against the others, for partition of the land. The court will have the land divided among them if that can be fairly done; but if it cannot be done

## CAN DAN PATCH PACE A MILE IN 1:54?

HIS TRAINER SAYS DAN WILL ASTONISH THE WORLD IN 1907.



CRESCUEUS 2:02 1/4

DAN PATCH 1:55

This Beautiful Picture  
In 6 Brilliant Colors  
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A MARVELOUS PICTURE OF TWO WORLD CHAMPIONS.

Dan Patch 1:55, The Pacing King,  
Cresceus 2:02 1/4, The Trotting King.

We have Large Colored Lithographs of our World Famous Champion Stallions, Dan Patch 1:55 and Cresceus 2:02 1/4, in an Exciting Speed Contest. It is 16 by 21 inches and shows both horses as life-like as if you saw them racing. You can have one of these Large and Beautiful Colored Pictures of the Two Most Valuable Harness Horse Stallions and Champions of the World, Absolutely Free. We Prepay Postage.

WRITE AT ONCE

1st, Name the paper in which you saw this offer.  
2nd, State how much livestock you own.

INTERNATIONAL STOCK FOOD CO.,  
MINNEAPOLIS, MINN., U. S. A.

## THE WORLD'S MOST FAMOUS HARNESS HORSE FARM.

International Stock Food Farm of seven hundred acres, owned by M. W. Savage, is generally acknowledged to be the most famous harness horse farm in the world because it owns the Four World Champion Stallions, Dan Patch 1:55, Champion Pacer and Fastest Harness Horse in the world; Cresceus 2:02 1/4, the champion trotting stallion of the world; Arion 2:03 1/4, the champion 2 and 3-year-old trotting stallion to high wheel sulky; Directum 2:05 1/4, the champion 4-year-old trotting stallion. Also Roy Wilkes 2:04 1/4, the first stallion to beat 2:10 and world's champion for four years. All of these stallions and the one hundred brood mares and their colts are raised "International Stock Food" every day. You are specially invited to visit this farm at Savage, 10 miles from Minneapolis, and see the every day, practical results of feeding "International Stock Food." 3¢ 3¢ Food for One Cent. We always welcome visitors.



fairly, then the court will order the land to be sold by the sheriff and the proceeds divided among the co-owners. (2) They could not. The only lawful proceeding in such cases is that mentioned in answer to the first question.

#### THAT'S ALL.

A Subscriber, Denison, Iowa.—One corner of A's land is cut off from the balance by a river and cannot be reached without going over B's land. In case B refuses to allow A to go over his land what is A to do?

Answer.—Bridge the river.

#### SALARY U. S. JUDGES.

A Subscriber, Helena, Okla.—What are the salaries of the chief justice, and the associate justices of the supreme court of the United States?

Answer.—The salary of the chief justice is \$13,000 a year; associate justices \$12,500 each.

#### POISONOUS DRUGS.

A Subscriber, Albion, Iowa.—A farmer has discovered something that will cure certain ailments in live stock. It is poisonous. Can the farmer lawfully manufacture and sell such a remedy, without holding a license as a veterinary, or a certificate as a pharmacist?

Answer.—He cannot.

#### CONTRACT ABOUT TIMBER.

Mr. E. C. W., Vinton, Iowa.—I bought the timber growing on a piece of waste land on a side hill, with a written agreement that I should remove the timber from the land in two years. The two years expired on December 1, 1905. Have I a legal right now to go on the land, and cut and remove the timber?

Answer.—You have not.

#### OUTLAWED JUDGMENT.

A Subscriber, Goldendale, Washington.—A and B lived in Iowa in 1894. A owed B a sum of money and was not able to pay. B brought suit and got judgment for it; afterwards A moved to Washington and he and his wife accumulated property. Can B collect his judgment from such property?

Answer.—In Washington a judgment of another state, more than six years old, cannot be collected by law.

#### A WOMAN'S WON'T.

A Subscriber, Vinton, Iowa.—I want to sell my farm, but my wife is opposed to it. She wants one-third of the money, and also a third of my personal property, and demands this before she will sign the deed in case I sell the farm. What can I do about it?

Answer.—Nothing at all. There is no way by which you can compel your wife to sign a deed.

#### INHERITANCE IN KANSAS.

A Subscriber, Osborne Co., Kan.—W has nine children. One of them died leaving a widow, and a son who is now of age. When W dies will the widow and son get a portion of his property, and how much?

Answer.—The widow will get nothing. Her son will get an equal share with W's other children, which will be one-ninth if W leaves no widow—but if W leaves a widow, one-eighteenth.

#### HUSBAND AND WIFE.

An Iowa Subscriber.—A owns land in this state which he wishes to sell, but his wife refuses to sign the deed. Can he set apart the undivided one-half of the land for his wife, and then sell his half, and give a good title?

Answer.—He cannot. The undivided half of land or anything else cannot be set apart. It is a physical impossibility. A's wife is not entitled to her share of the land while A lives. At A's death she becomes entitled to her share of it and not before. A can sell all the land (unless it is their homestead) subject to

the wife's right to claim half of it at his death. If the land be their homestead A cannot sell it at all without his wife's consent.

#### LIFE ESTATE—DEBTS.

A Subscriber, Des Moines, Iowa.—A man willed his real estate to his wife during her natural life, and at her death to be divided equally among his heirs. The will did not make any provision for debts which the wife might incur. She rented the land and lives with disinterested persons, but does not pay her board bill. Can it be collected from the land at her death?

Answer.—It cannot. She cannot encumber the land nor make it liable for her debts.

#### RAILROAD FENCE.

A Subscriber, Newell, Iowa.—I have land adjoining the railroad right of way, which I intend to fence for a hog pasture. Does the law of Iowa require a railroad company in such a case, to build a hog tight fence between its right of way and such hog pasture?

Answer.—It does not. The fence which the law requires a railroad company to make along its right of way is not a hog tight fence, but the owner of adjoining land may make it hog tight at his own expense.

#### HUSBAND AND WIFE—COURTESY.

A Subscriber, Lyons, Neb.—A and B are husband and wife. By hard work and economy they obtained 160 acres of land which was in the name of A. Then they bought eighty acres, which they had put in B's name, and the deed was recorded. B died three years ago, and A married again. Who inherits the eighty acre tract? There are children of A and B.

Answer.—A is entitled to the use of the 80 acre tract for his natural life by what is called curtesy. At A's death the children of B inherit the land in equal shares.

#### AGREEMENT OF HEIR.

A Subscriber, Garden City, Kan.—A has two sons, B and C. A and B have been in partnership for about eighteen years, but all the property has been in A's name. Recently C came home and now wants a share of all the property. A gave C a certain sum of money and in consideration thereof C agreed to waive all his rights, and make no claim as child or heir of A to any of A's estate when he died. C is married and has children. Is it legally necessary for C's wife and children to sign said agreement?

Answer.—It is not. If the agreement is properly drawn and executed by C it will be perfectly valid without the signature of either C's wife or children.

#### OUTLAWED NOTE.

A Subscriber, San Diego, Cal.—In Iowa A gave his promissory note for a certain sum, to B payable January 1, 1902, for value received. A afterwards moved to Wisconsin. (1) When will the note be outlawed? (2) Do indorsements renew a note?

Answer.—(1) January 1st, 1908, if A's residence in Wisconsin began before January 1st, 1902. The limitation on a promissory note in Wisconsin is six years after its maturity. (2) Not necessarily, but payment of either principal or interest on a note by the maker will renew it—indorsement is only prima facie evidence of payment.

#### POLICY RE-INSURED.

A Subscriber, Woden, Iowa.—I was insured in the German Insurance Company, of Freeport, Ill., which became bankrupt, and had its policies re-insured by the Royal Insurance Co., of Liverpool, England. This company has sent me a slip to attach to my policy. The slip reads as follows: "The following clause to attach to policy No. C 2428165 of the German Insurance Company, of Freeport, Ill.—It is hereby specially agreed that this contract has been re-insured by The



This is Huttig.

through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

*H. W. Huttig*

PRESIDENT

## I Stand Back of Huttig's Rubber Roofing

WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

I GIVE you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE,

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap.

Now, here's how I feel about it. If you have

use for roofing—You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Anyway, write for a big, free sample of my roofing and let me send you my booklet B and special Ironclad Roofing Guarantee. Write me personally, and do it to-day.

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707 East Second Street, Muscatine, Iowa.



The rich irrigated lands of the Arkansas, Grand, North Fork and Uncompaghe Valleys of Colorado, and the Farmington District of New Mexico, offer exceptional opportunities for the fruit grower. Pears, Peaches, Apples, Grapes, Apricots, Plums, Melons of all kinds and small fruit of every variety are raised with a greater average yield per acre—and a finer quality—than in any other section of the United States. Markets are close at hand and the demand exceeds the supply.

The Denver & Rio Grande R. R.

"Scenic Line of the World"

reaches all the above districts and offers special inducements to those seeking locations.

Write to-day for free descriptive booklets.

S. K. HOOPER, GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.



## THE SOLE TELLS

THE WEARING VALUE OF THE SHOE. Example: Is the sole of your shoe hard, stiff and unyielding? If so, ask to see

### Kirkendall's Electric Sole Shoes.

In these shoes you have the best Oak-Tanned Leather, unsurpassed for wearing quality by any leather tanned—and requiring three months tanning to properly prepare it. Our Electric Sole Shoes are ideal for people wanting something to actually conform to the foot; it is nearly as soft and pliable as a stocking, and yet gives unexcelled service, as the process of tanning the leather retains in it its strength and fibre, which fibre is in the hide of every healthy animal, but is frequently absolutely destroyed by the quick process of tanning the hide.

Our upper leathers are in lasts and patterns we feel that these shoes, which is important, perfect fitting lasts and patterns on ing, which is a guarantee of strength to the seams. Our rapidly increasing trade on this shoe is evidenced by our sales, which have increased steadily each month, and are now from 200 to 300 per cent greater than the first season. In our large sales of these shoes we have the satisfaction of stating that we never had a single pair returned because of unsatisfactory service or disappointment of any kind. Your attention is, however, called to this feature: So flexible a shoe is apt to be fitted too closely, and the character of this shoe enables it to adjust itself snugly. If properly fitted, its service is unequalled. Made for both men and women.

If your dealer has no Kirkendall Electric Sole shoes in stock, write us and we will learn why; and at the same time advise the nearest place where you can get them.

Western Made for Western Trade.

F. P. KIRKENDALL & CO.

1101-1104 Harney St.,

OMAHA, NEB.

Royal Insurance Company, of Liverpool, England, against any loss or damage not exceeding the sum insured, and subject in all respects to the terms and conditions of the policy hereby referred to. Royal Insurance Company, of Liverpool, England. W. A. Wilken—State Agent. Is my policy good?

Answer.—V think it is if the English company is financially responsible.

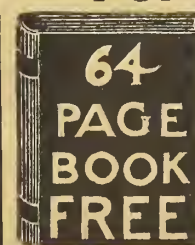
#### ROADS—HERD LAW.

A Subscriber, Liberal, Kan.—(1) In western Kansas the cattlemen have the public roads fenced in, and in some cases have had them so fenced for twenty years. What must the farmers do to have the roads opened? (2) Is there a herd law in Kansas?

Answer.—(1) The law makes it the duty of road overseers to open or cause to be opened all county and state roads in their respective districts, first giving the land owners or their agents notice to open such roads within ninety days. If they refuse or neglect to open the roads within such time then the overseer may enter on the lands and open the roads. If such notice is given between the first day of March and the first day of October, it must designate the first day of the next January as the time for opening the road. After roads are opened the penalty for obstructing them is a fine between \$20 and \$100, and imprisonment in jail not exceeding three months, or both. (2) In every county the board of county commissioners have the power to direct by order what animals shall not be allowed to run at large within the county. See General Statutes of Kansas of 1905, page 1658.

The amount of scientific and executive superintendence to enforce the national pure food law to the letter will be great, no doubt, for some months to come and even after. Secretary Wilson has foreseen all this and has wisely appointed a commission for this purpose. The men

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A handsome illustrated book which explains all about diseases of men such as Nervous Disorders, Weaknesses, Blood Poison, Skin Diseases, Prostate, Pelvic and Urethral Disorders, Piles, Kidney and Bladder Troubles, Etc.

This book tells the various stages of these diseases, at what stage they become incurable, and tells of a simple and effective treatment for the cure of the ordinary cases at home. This book tells how men who have broken nature's laws, become weak and run down can regain their strength and vigor and many other important facts which men should know. Those interested should write for the book today. Same will be sent free in plain sealed envelope. Address,

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Any person, however inexperienced, can readily cure either disease with Fleming's

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—even bad old cases that skilled doctors have abandoned. Easy and simple; no cutting; just a little attention every fifth day—and your money refunded if it ever fails. Cures most cases within thirty days, leaving the horse sound and smooth. All particulars given in

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Removes Bursal Enlargements, Thickened Tissues, Infiltrated Parts, and any Puff or Swelling. Cures Lameness, Always Pain without laying the horse up. Does not blister, stain or remove the hair. \$2.00 a bottle, delivered. Pamphlet 1-C free.

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MADISON, WIS.,

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CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

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NEWTON'S HEAVE AND COUGH CURE

A VETERINARY SPECIFIC.

15 years' sale. One to two cans will cure Heaves. \$1.00 per can. Of dealers, or express prepaid. Send for booklet. The Newton Remedy Co., Toledo, O.

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We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

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# SCALES

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ALL STYLES—LOWEST PRICES—

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# ANCHOR FIRE INSURANCE CO.

BEST terms for farmers ever offered. Capital \$100,000.00. Address, J. S. Clark, president, Des Moines, Iowa.

# VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of neighbors. Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

### TUBERCULOSIS.

I have a full-blooded Short-horn cow nine-years-old that has something wrong with the udder. Since January she has had hard lumps come and go on the udder and the milk is stringy from first one teat and then another. Her eyes water and she is not as fleshy as she used to be. I have given no treatment. It does not seem to affect her milk supply.

The symptoms point to tuberculosis of the udder and system as the cause of the garget and lack of thrift. Under the circumstances it would be wise to have her tested with tuberculin and meanwhile do not use the milk.

### SWEENEY—WOUND.

(1) I would like to know what to do for a sweeney on a three-year-old gelding on the left front shoulder. (2) I also have a six-year-old horse which recently got cut in the wire on the left front foot just above the hoof. It is a very deep cut and no treatment has been given.

(1) Clip hair from wasted parts and blister once a month with cerate of cantharides. (2) Wash wound thoroughly; then sprinkle with a mixture of one dram iodine and four drams each of tannic acid and boracic acid; cover with cotton bandage and apply bandages to bring pressure on wound. Renew dressing once daily.

### SCOURS.

I have some suckling pigs about one month old. They have the white scours and some of them vomit. The sows eat all right. I have been feeding the sows corn and oats and shorts slop. I have about ninety little pigs and they were all doing well until they began to have the scours.

Cut the rations of the sows in half and leave out the corn. To each sow once daily give half a dram of dried sulphate of iron until pigs stop scouring. Separate the scouring litters from those that are well. Clean up, disinfect and whitewash houses. If trouble continues physic each pig with castor oil and then give ten grains each of salol and subnigrate of bismuth twice daily on tongue.

### CANKER.

What is the matter with my pigs and what is a remedy? From four to six weeks old their mouths get sore, their tongues swell and they die in a few days. The food of the sows is sweet milk and ground wheat slop.

The disease is canker of the mouth and it is due to germs in places that have not been properly cleaned, disinfected and whitewashed. Clean up, use disinfectants freely and whitewash once a month. Keep pigs out of filthy places. When pigs are born snip off the little sharp teeth to be found in their mouths and wash faces once daily with a 10 per cent solution of boracic acid as a preventive. Treat affected pigs by scraping each sore and ulcer, then painting each with tincture of iodine and afterward spraying or sponging the mouth and face with a 1-50 solution of coal tar dip once daily until well.

### BULLNOSE.

I am losing quite a number of my young pigs from a disease which I nor anyone else know anything about. The little fellows are all right when first born, but after three or four days some of them get a scab around their mouth, nose, side of head and the eyes. It seems as though the nostrils grow shut as they can't breathe through the nose. Some of them go blind and some lose their tails. They just get scabby and drop off close to the body. If I peel some of the scab off I will sometimes find the flesh under it looking as though it were rotten or some kind of a pus. Those affected seem to have black teeth in the upper jaw. Some get over it in time, but the most of them die. The same thing happened last spring. I have good, healthy sows and keep them in a good hog house. I feed the sows shelled corn, some oats and some ground oats in the slop, which is one-third of skimmed milk and two-thirds water. Could you please tell me the cause and a remedy?

This is a germ disease and in its worst form is incurable and hereditary. It seems akin to rickets and is induced by over feeding, breeding and growing hogs on corn. Stop feeding corn to sows and continue slop of milk, middlings, flaxseed meal or tankage and add lime water freely three or four times a week. Disinfect and whitewash the hog houses at least twice a year. Have the sows exercise daily outdoors and if possible feed some succulent food. When pigs come at once nip off the small sharp teeth to be found in their mouths and wash their faces with a ten per cent solution of boracic acid. Repeat the washing daily.

# IOWA STOCK FOOD



## LOOK OUT

For the WORMS that kill your Hogs.

# FREE

To any person who has never fed IOWA WORM POWDER we will send a \$1.00 package FREE on receipt of 25 cents in stamps for postage and packing.

will cure the mange and scab, kill lice, ticks and any vermin on your animals. Your animals can be kept clean of lice and skin diseases if you use Iowa Dip. Iowa dip is the best on the market. A trial will convince you. Write us for prices.

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# IOWA STOCK FOOD CO.

Jefferson, Iowa.

# Blacklegoids

Simplest. Safest, Surest Vaccination for the prevention of

## BLACKLEG IN CATTLE

NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

PARKE, DAVIS & COMPANY

HOME OFFICES AND LABORATORIES, DETROIT, MICH.

NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.

At the first sign of the canker sores scrape the part, then paint it with tincture of iodine once a day and afterwards souse well in a solution of one to two ounces of permanganate of potash in a gallon of warm water. Burn pigs that die. Change breeding stock as soon as possible.

### DRESS GOODS FOR SPRING WEAR.

Among the many different dress goods shown this spring are some extremely economical fabrics that make up into surprisingly handsome dresses. They come in a wide range of beautiful colors and attractive designs, and vary from neat pin stripes, polka-dots and plaids to elaborate figures in dignified effects. These fabrics are known as Simpson-Eddystone Prints and are appropriate to wear at any time of the year. The most popular spring and summer styles are in silver grays, indigo and black has a decided call and the black and whites are in good demand. Some of these designs have a new silk finish; all have permanent colors that will not fade, wash out or lose their brightness. Only the very best cloth is used, so that durability is assured. There is no waste of money, time or labor when dresses are made from Simpson-Eddystone Prints because they hold their color and wear well. Simpson-Eddystone Prints have been made by three generations of Simpsons, and have been the standard and calicos of America for more than sixty years. The high standard set by William Simpson when he printed his first piece of calico has always been maintained, and his grandson, William P. Simpson, now heads the Eddystone Manufacturing Company, which manufactures the Simpson-Eddystone Prints. These prints are still made with the same skill and care as in the days of the elder Simpson. A corps of artists is constantly turning out new designs of charming beauty that make these prints climb ever higher in popular favor. Simpson-Eddystone Prints are moderate in price and most economical. They are sold by thousands of first-class dealers all over the country. See page 12.

Light blues and shepherd plaids, although the and whites are in good demand. Some of these designs have a new silk finish; all have permanent colors that will not fade, wash out or lose their brightness. Only the very best cloth is used, so that durability is assured. There is no waste of money, time or labor when dresses are made from Simpson-Eddystone Prints because they hold their color and wear well. Simpson-Eddystone Prints have been made by three generations of Simpsons, and have been the standard and calicos of America for more than sixty years. The high standard set by William Simpson when he printed his first piece of calico has always been maintained, and his grandson, William P. Simpson, now heads the Eddystone Manufacturing Company, which manufactures the Simpson-Eddystone Prints. These prints are still made with the same skill and care as in the days of the elder Simpson. A corps of artists is constantly turning out new designs of charming beauty that make these prints climb ever higher in popular favor. Simpson-Eddystone Prints are moderate in price and most economical. They are sold by thousands of first-class dealers all over the country. See page 12.

### THE HAWKEYE INSURANCE COMPANY

is the oldest fire insurance company in the state of Iowa, having been organized forty-two years ago. Its growth has been phenomenal and a surprise to everyone except



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Sizes 2, 3 and 6 H. P.

We keep our cylinder cooler than it can be kept by water or oil. We have no frozen up water jackets or burst cylinders in cold weather like the old styled water cooled engines. Write for catalog and price list.

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You will earn the eternal gratitude of your Horses and Live Stock if you treat them with

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"A Medicine Chest in every bottle"

Guaranteed under the Pure Food and Drug Law! Formula a century old. Always ready, always reliable. Absolutely harmless. Unaffected by age or climate. Indispensable in every barn and stable. The best thing for any emergency. Large size bottle by mail, 65 cents. Send for booklet. Agents wanted.

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"There and Back."

Excellent Dining Car Service "Meals On Wheels—Serves you right."

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### Daylight Across the Rockies

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those who are closely acquainted with the able business men who are at its head. These men consist of some of the most influential business men in the capital city. The growth has been gradual until the volume of business written in 1906 reached the vast sum of \$370,017.43. The total amount of losses paid to farmers and others of its policy holders since its organization has reached the surprising size of \$2,984,347.12. Remember, this amount of money has been practically saved to those of your neighbors who were fortunate enough to hold a policy with this company. They will also insure your property against lightning, high winds, cyclones and tornadoes. If you wish to "insure with the Secure" write the Hawkeye Insurance Company, of Des Moines, Iowa, whose advertisement appears on page 3 of this issue of The Homestead.



## Saves Hours of Cleaning

Of course your wife would try to wash even the worst cream separator bowl properly twice every day. But why ask her to slave over a heavy, complicated "bucket bowl," like either



of the four on the left? Why not save her hours of cleaning every week by getting a Sharples Dairy Tubular Cream Separator with a simple, light, Tubular bowl, easily cleaned in 3 minutes, like that on the right? It holds the world's record for clean skimming.

Sharples Tubular Cream Separators are different—very different—from all others. Every difference is to your advantage. Write for catalog M-121 and valuable free book "Business Dairying."

**THE SHARPLES SEPARATOR CO.**  
West Chester, Pa.  
Toronto, Can. Chicago, Ill.

## OUR FREE CATALOGUE

Tells How You Can Easily  
Save \$20 to \$50

on the first cost of a standard high-grade cream separator by straight factory buying. Tells why and how you may make your cows pay you \$10 to \$15 more per cow per year while cutting your dairy work in two. Fully describes the latest improved 1907 model

## DAVIS CREAM SEPARATOR

the easiest running, easiest cleaned, most durable standard separator made and tells why it is. Contains valuable separator information that has cost us thousands of dollars, yet it's free to you—if you write today and mention catalogue 118. Write now. This offer may not appear again.

**Davis Cream Separator Company,**  
541 North Clinton Street, Chicago, Illinois.  
Cut this out, sign and mail at once.

When writing please mention this paper.

## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### The Bondage of the Dairyman.

To the Editor of The Homestead:

Americans do not take kindly to the idea of chains and slavery, but many a corn belt dairyman has unconsciously drifted into the condition of the man in the illustration given. He is not chained to a fellow prisoner or a post, but to a very common animal, a worthless, wilful cow.

The man doesn't know where he is going; he simply follows the cow. That is how he came to be tied up to this creature; he didn't know what he was doing, nor what the cow was doing—or rather what she wasn't doing. In fact, there has been altogether too little looking and knowing in this man's business. He has worked hard with his hands but little with his head pencil, and the dollars have come his way very reluctantly. As for the cow, the only thing she has done right well is to drag her owner after her and to pick up a living without paying for it.

The cow is not worried or disposed to look on the dark side of life. Thus far she has found no trouble in pulling her owner along without his asking any questions, and she now feels sure that her milk record will never be inquired into. This presuming creature doesn't know about the key within the dairyman's reach.

This cow has been satisfied to make 133 pounds of butter fat in a year, thus retaining a profit of only 77 cents in the 365 days. If the dairyman has 474 cows of this kind, he could make from them a total of one dollar a day, and with that he could keep soul and body together.

But do not mistake this cow for a rare specimen of an almost extinct family. On the contrary, she is very common and popular on all our prairies—a cow of consequence. She is actually a leader; she leads that dairyman (and a great many other dairymen) where she will, while grazing contentedly. She has a following of one-fourth the million cows in Illinois. Two hundred fifty thousand of them have used the dairyman's feed, barn, time and capital, and for these have returned him an average profit of only a cent and a half per week.

## THE SEPARATOR THAT PAYS FOR ITSELF.

Occasionally the intending buyer of a cream separator who has but a small amount of ready cash to invest is tempted to put his money into one of the so-called "cheap" machines which are being largely advertised. Although he recognizes the superiority of the DE LAVAL machine and his need of a good separator, he invests in the "cheap" trashy machine because he does not happen to have ready the full amount which he supposes to be necessary to buy a DE LAVAL. This is where closer investigation of the matter would pay him well. A

### DE LAVAL CREAM SEPARATOR

may be bought upon such liberal payment terms that it will more than earn its cost while the buyer is paying for it. In addition the DE LAVAL buyer has positive assurance that his machine will be good for at least twenty years of service, during which time it will save every possible dollar for him and earn its original cost over and over again. If he purchases the so-called "cheap" separator he must pay cash in advance and then take the chance of the machine becoming worthless after a year or two of use, to say nothing of the cream it will waste while it does last,—all of which means that the buyer has virtually thrown away the money invested in the "cheap" separator and wasted his time, labor and product in the bargain. The DE LAVAL is THE separator that pays for itself,—lasts on the average ten times longer than any other machine and insures the greatest possible profits in the end. This being the fact there surely can be no economy in the purchase of the so-called "cheap" separator, however small its first cost may be. Remember that the DE LAVAL pays for itself. Catalogue and full particulars gladly sent upon request. Write to-day.

### THE DE LAVAL SEPARATOR CO.

RANDOLPH & CANAL STS.  
CHICAGO  
1213 & 15 FILBERT ST.  
PHILADELPHIA  
DRUM & SACRAMENTO STS.  
SAN FRANCISCO

General Offices:  
74 Cortlandt St.  
NEW YORK.

173-177 WILLIAM ST.  
MONTREAL  
14 & 16 PRINCESS ST.  
WINNIPEG  
107 FIRST STREET  
PORTLAND, ORE

## Good Cows at \$15

Almost any man will pay that much for a first-class cow. Thousands of men have the cows but are losing \$15 on each one

because of faulty dairy methods. Government and State Experiment Station reports show that if the milk from every cow in the country was passed through a first-class separator the saving to the cow owners of the United States would amount to \$200,000,000. It looks big but it's a fact. It means just \$15 less on each average cow by the employment of milk pans, cans and other gravity processes of securing the cream. Your cows may be helping to swell this mighty fund. You can stop your part of the loss by the use of our

## Great Western Cream Separator

Our catalogue tells all about this latest improved and most thoroughly up-to-date machine on the market, embodying everything which is best, such as a Perfect Skimming, Self-draining, and Self-washing Bowl, Low-down Supply Can, High Crank, Ball Bearings—hence the easiest running separator made; a machine with shafts that never wear out. Bearings that can be easily and cheaply replaced; a machine with all its gears running in a spray of oil. It fully illustrates and describes a machine that is always ready for service, and will last as many years as you continue in the Dairy Farming Business. This book illustrates and describes all the

essential parts of the machine; it tells of what each piece is made and why. You will get more genuine information reading this book about separators than from any other source. You will get so thoroughly posted that no one can sell you a poor machine and get your good money. You want the very best and will find the GREAT WESTERN to meet every demand.

Our catalogue tells you all about milk, its composition, how and why the cream separates, how and why the milk sours, the changes that take place, why the cream does not separate by gravity when souring begins, why the sour milk is of so little value for feeding purposes, how much cream is lost by all the old methods of milk separation, i. e., the shallow pans, deep setting cans, dilution separators, etc. It explains how the GREAT WESTERN SEPARATOR saves all this cream, making a profit of 12 to 15 dollars for each cow you milk; it tells you of the best methods for raising calves and about the most prominent breeds of cattle; it tells what thousands of men have been trying for hundreds of years to accomplish and how we have succeeded; it tells you how to make your cows keep you instead of you keeping the cows.

If you are milking two or more cows, write us at once as follows:

"I am keeping.....cows. Send me your Book No 4578 of the Great Western Cream Separator." It is free. Ask for it today.

Don't buy a separator of any kind or milk again until you send for our catalogue. Address **Smith Manufacturing Co.,** 159-164 EAST HARRISON ST. Chicago, Ill.

It may be said for this cow that she is not a vicious animal. The dairyman has nothing to fear from her horns or her feet. She is well behaved and usually there is nothing suspicious about her manner. But when it comes to remorseless stealing of the bread from the mouths of the dairyman's family, her tribe may well be classed with the great business sharks and trusts that prey

cow for a year. He would have a vastly easier time of it if he were tied to this cow, instead of the other. And as sure as he uses the scales and test and comes to know each cow's production, he, like all other dairymen who have tried it, will gradually change his herd to this kind of high-producers. And that will inevitably lead to more profit in his business—to better education for

### TIED TO THE WRONG COW



upon the people. She has kept the dairy man of Illinois out of fully five million dollars the past year without the slightest shame or nervousness. And yet they follow this cow as though they had never known freedom from such an incumbrance. The man who says that dairying doesn't pay is ten to one boarding several cows of this kind in his herd.

The chain is heavy and tight, but the dairyman has carried it so long he thinks that burden belongs with his business, or he lays the blame for his failure to ill luck or a poor price for milk; or perchance he says he cannot afford to keep good cows, forgetting that he could much less afford to keep poor worthless ones.

The hand of science has provided him a key to the situation. As soon as ever he sees it, he will make use of the scales and Babcock test and find out what every cow on the place is doing for him—or against him. Armed with that knowledge, he will never again follow that worthless cow.

The cow for this dairyman stands behind him. She is a fine animal that has been bred to turn feed into milk and money. The dairyman should get better acquainted with her; she is a better cow than he thought. The truth is, he had not thought enough about her nor known how many such are in his herd. He cannot know without using the key—weighing and testing the milk of each

his family, to a more comfortable home, and to the conveniences and privileges that go with real prosperity.

The faults and failings of the worthless cow have canceled or concealed the profits of the good cow, just as human idlers are a tax upon their fellows. The good cow has to do the work for both. Not knowing the production of either, the dairyman has over estimated the poor one and underestimated the good one. When the dairyman knows the good cows in his herd—knows how good they are—he will be just as anxious to "tie to" them as they are willing and faithful to serve him.

W. J. Fraser.

Illinois Experiment Station.

At present writing the green bug has not tackled the onion crop, though they say that pie plant is on their bill of fare.

There are two kinds of green bugs; those that walk and those that fly. The government experts say that one is just as bad as the other and worse.

Record 238114: Horse having both Ringbone and Bone Spavin purchased for \$10; purchaser treated him with Fleming's Spavin and Ringbone Paste, and declined \$150 for him later. Fleming's Vest-Pocket Veterinary Adviser free if you write to Fleming Bros., 210 Union Stock Yards, Chicago. See advertisement on page 8.



## IN THE LIVE STOCK FIELD.

## COMBINATION HEREFORD SALE, SOUTH OMAHA.

On June 14th, at South Omaha, Neb., will be held a sale of Hereford cattle that should attract the attention of leading breeders. This sale is under the management of Mr. W. N. Rogers, of McCook, Neb., who is conceded one of the leading breeders of Herefords in this or any other state. This consignment is one of the very best that he has ever been able to offer the public and among them are cattle of show-yard character. It is the policy of Mr. Rogers to make up sales of nothing but the very best

class of cattle, and he informs us this time that the offering is of the very best, and consigned from the best herds of the business. The offering consists of forty head, twenty-one bulls and nineteen females, coming from such well-known herds as W. N. Rogers, McCook, Neb.; J. G. Von Seggern, Wilsner, Neb.; F. J. Beggs, Coon, Iowa; J. A. Broadfoot, Thayer, Iowa; Clans Bros., Bendma, Kan. and R. D. Morrasy, Dorchester, Neb. These forty head are about evenly divided as to sex, and it is described as the unparalleled bull opportunity of the year, almost every fashionably-bred strain known to this breed being represented. Among them are descendants of old Anxiety 4th predominating and presenting the last great chance to breeders to secure the very best blood obtainable to replenish and improve their herds. There will also be descendants of the great breeding bull, Anxiety Monarch 63204, that is a son of the great bull, Juryman 30279, that attained the weight of 2,800 pounds at the age of five years. Anxiety Monarch was shown at the Nebraska State Fair in 1900, winning first in his class, headed the first prize herd and two of his daughters in the same show. won first and third in their classes. Although this great bull was accidentally killed in a railroad accident he left a number of sons and daughters that were among the most prominent animals known to this breed. Others are the get of the great bull, Monarch of Shadeland 3d, a massive son of the great Anxiety Monarch that weighed 3,000 pounds at the age of four years. This bull was shown at the Nebraska State Fair as three-year-old, winning first and sweepstakes, and his get were among the best ribbon getters that were shown that year. He has been shown several times since, always getting a very prominent place, and his get are heading some of the very best herds now in the Hereford business. In this sale is also included the get of the great show bull, Beau Donald 28th 105168, whose record as a show animal is unequaled by any Hereford bull and whose get won more prizes in the year 1904 in state and national shows than any other family of Herefords. Taking this sale as a whole it is surely one of the great offerings of the year, and those in search of cattle that are richly bred and of show-yard type cannot afford to miss this great opportunity. We will make more of a mention of these cattle individually in our next issue and in the meanwhile it might be well to write Mr. W. N. Rogers, McCook, Neb., for a catalog and look over the breeding. When writing please mention The Homestead.

## COLE'S DISPERSION SALE OF ANGUS CATTLE.

The opportunity to buy Aberdeen-Angus cattle and buy them right will be at the dispersion sale of H. A. Cole, which will be held at the fair grounds, Des Moines, Iowa,

on June 18, 1907. Those of our readers who are intending to buy cattle of this breed should make it a point to attend this sale because there will be some good things offered, and as it is an absolute dispersion sale, it is fair to presume that there will be some good bargains in the sale. He will sell sixty-five head, among which will be eighteen head of bulls, including his richly bred Erica herd bull, Imp. Electrician. This bull is now seven years old, but is just in his prime and he is an excellent breeder, as his calves will show on sale day. Just as a prelude we desire to call the attention of our readers to the bulls that have been used in this herd. His first was the 2d Lad of Emerson, a son of old Gay Lad, that was in his day the most noted Angus bull in America. He was a richly-bred Trojan Erica and he left many good things in the herd. He was followed by Imp. Marmion's Eric, that died early in his career, and Mr. Cole thought enough of him that he at once proceeded to secure his full brother, Imp. Electrician, which did splendid service, and he will be included in the sale. There will be three imported cows in the sale. One of these is a K. Pride, another is a Queen Mother and another is a Drumin Lucy. There will also be a number of their descendants in the sale. There will be nine Prides in the sale, three Blackbirds, two Ericas, three Heather Blooms, five Drumin Lucys, four Queen Mothers, eight Easter Tulloch Duchesses, five Kinochtry Blue Bells, six Rose of Skeen and eighteen Georgians. Of the Pride family that are to be sold is the four-year-old imported K. Pride cow, besides three others that are five, seven and nine years old and one nineteen-months old heifer. Then there will be four Pride bulls in the sale. Two of these are two-year-olds and two are nine months. The imported Queen Mother cow will have a calf at foot by Imp. Electrician, and there will be one five and one six-year-old cow in the sale. The largest representation of any one family will be his Georgians. There will be thirteen cows and four bulls, the oldest cow being nine years and the youngest being nine months. The balance run from two to five years of age. There will be four Georgian bulls, ranging from nine months to two-year-olds. Fifteen head in the sale will be sired by the Gay Lad Trojan Erica bull, 2d Lad of Emerson; twenty are sired by Imp. Electrician and ten are sired by a son of Old Bamboo, a bull that is closely related to Barbara McHenry 13th. The man who wants to buy an imported bull to head his herd should attend the sale and look over Imp. Electrician and also his get, or the man that wants an imported cow will also find things in this sale that will do to put into any herd. A good bunch of well-bred heifers will also be offered, as well as some good young bulls. The thing to do is to secure a catalog and arrange to be at the sale. When writing address, H. A. Cole, 3218-3238 South Western Ave., Chicago, Ill., and kindly mention The Homestead. See page 19.

## C. C. NORTON SELLS HIS GREAT YOUNG BULL, SULTAN.

One of the best private sales that has been made so far this season was recently consummated when Mr. C. C. Norton sold his great two-year-old Cruickshank bull, Sultan, to Mr. A. M. Nash, of Tracy, Minn. Mr. Nash saw this bull last fall, but could not reconcile himself to pay the price asked for him. Since that time he has visited the best herds in Minnesota, Wisconsin, Illinois, Indiana, Ohio and Iowa, and recently returned and said to Mr. Norton that he was now ready to purchase a bull. The price paid is not made public, but is one of the most satisfactory sales that Mr. Norton has ever made. The critical Short-horn men who have seen this bull pronounce him one of the great young bulls of the time. He is a richly-bred Cruickshank Secret, was sired by Imp. Bapton Admiral, and is out of Souvenir by Imp. Salamis. Then comes Bonnie Scot, Imp. Lord Cardinal, Staplehurst, Roan Gauntlet, Pride of the Isles and Champion of England. He is an individual of pronounced show type, and is one of the smoothest and best lined bulls that has ever come from the Norton herd. The price was the only thing that prevented Mr. Nash from buying him when he saw him first, but after visiting all the other leading herds he concluded he was by far the cheapest bull, all things considered, that he had seen. He therefore returned and bought him. Mr. Nash has one of the best herds today in Minnesota and has a high class lot of cows and heifers to mate to this bull. Old Baron Rule, the sire of Village Rose, the only cow that ever beat the great Ruberta, and also Village Rose, the outstanding winner at the International a few years ago, formerly headed the Nash herd. This young bull Sultan will therefore be in good company and considering the class of cows that Mr. Nash has to breed to him he will certainly make good in his new home. Mr. Norton has another great Duchess of Gloster bull left that should also go to some good herd. This is Gloster's Favorite by Imp. Bapton Admiral out of Lady Gloster by Imp. Prince Bishop. He is an outstanding bull and as well-bred a Duchess of Gloster as was ever offered for sale. He also has a young Duchess of Gloster that he offers for sale, a splendid young Barmpton Rose and a Rosemary. If any of our Short-horn men are wanting a herd header it will pay them to go and see these bulls. Kindly mention this paper when writing about these bulls.

## LAWYER WHO COULD NOT SLEEP.

Mr. John M. Leyda, Attorney, Plattsmouth, Neb., writes, under date of Dec. 22, 1904: To Drs. Thornton & Minor, of Kansas City, Mo. "I was unable to sleep at nights from piles and fissure, and since your successful treatment in 1903, I have experienced no trouble whatever from my rectal disease." The institution of Drs. Thornton & Minor has been making a specialty of the treatment of rectal diseases for thirty years, and have a record of thousands of cures in this line. Those who have such trouble should write Drs. Thornton & Minor, 1009 Oak St., Kansas City, Mo., for particulars.

\$1.50 FT. DODGE \$1.50  
Account United Commercial Travelers Convention Ft. Dodge, June 7 and 8, the Minneapolis & St. Louis R. R. has arranged rate of \$1.50 for the round trip to this city. Special train will leave Des Moines 8:00 A. M., June 7th. For tickets see U. C. T. Committee, M. & St. L. ticket office, 512 Walnut St., or Union Depot.

## Lice and Profits.

The one most serious evil the poultryman has to contend with, and yet the one most easily avoided of all evils, is the louse pest. Thousands of farmers think it's impossible to raise hens without raising lice at the same time. They admit lice are a nuisance, but are too lazy, indifferent or ignorant to make the little fight necessary to rout them neck and crop. The surprising part of the whole thing is that farmers don't seem to realize how lice eat the very heart out of their profits. They take them because they come, without figuring the cost of the visit. If a few hens die, or the pullets don't lay, they call it a "dispensation" instead of frankly admitting it the reward of laziness. The actual truth is, lice are easily gotten rid of, and a little energy expended snaking Dr. Hess Instant Louse Killer about will do the business. One thorough application will quite likely be all that's needed, for if the powder goes down into the cracks and dark corners where the little mites hide during the day they will never live to come out at night. The big gray body louse that infests the hens themselves is best killed by subjecting each fowl to a personal dose of the powder; sift it into the feathers, on the head and under the wings for a quick cure. Little chicks, too, need the same treatment, though, of course, in a more gentle and particular way. The best policy for any hen keeper to pursue is to apply Instant Louse Killer before he even suspects the presence of lice. The old maxim about the "ounce of prevention" certainly holds here if anywhere. A few days of heedlessness, or simple neglect of the daily care that fowls require to keep them healthy may bring a perfect swarm of these little blood-thirsty terrors to give you double trouble later. One lousy hen from another flock; a visit on your part to a louse infested house; this or that or some other way may easily bring you the trouble, so we say again, the best way is to get Instant Louse Killer now and use it while you don't need it. Instant Louse Killer is very handy to have about. It's more than a louse killer; there is no better disinfectant or deodorizer known. When you sprinkle it about the henry you are actually guarding your flock against disease, because it kills germs, poisonous odors and gases as quickly as it does lice, and so makes the house healthful as well as louse proof. Then, further, if you find insect pests in the garden, on vines, cabbage plants or roses, Instant Louse Killer is the remedy. Be careful, however, when you go to buy. There are imitations on the market and you may be deceived unless you look for the word "Instant;" that insures the genuine. Dr. Hess backs his preparations with a positive guarantee. If you use this, or any of them, as he directs, and fail to get the results claimed, the dealer from whom you bought will return your money.

## POINTERS.

—For Single Comb White Leghorn eggs write to Mr. Adda A. Picken, Fairfield, Iowa. See page 11 for prices on single hatches or in 100 lots. Mention The Homestead.

—Mr. W. C. Jones, Richland, Iowa, breeder of S. C. White Leghorns will have a nice collection of eggs at greatly reduced prices after June 1st. Strains are the Wyckoff and Blanchard. Write him, mentioning The Homestead. See page 11.

—Now is the season of special prices. Our bargain counter this week holds a fine selection of Single Comb White Leghorn eggs which will be priced to those who will write Mr. R. E. Brown, Richland, Iowa. See page 11 and mention The Homestead.

—Besides having 100 Black Langshan hens for sale, Mrs. Margaret C. Daly, Anamosa, Iowa, offers a fine collection of eggs at popular prices. After June 1st her pens will be given free range. Anyone wanting eggs of this breed should write, addressing as above. Kindly mention The Homestead. See page 11.

—Reduced prices do not necessarily mean reduced quality. Many poultry breeders have made offerings this winter and it has not been difficult to fill the demand for eggs and birds. Mrs. Ella Tharp now offers eggs from her Rose Comb Brown Leghorns at prices that should bring hurry orders. See page 11 and mention The Homestead when you order.

—Two hundred and nine chicks from 224 Single Comb Brown Leghorn eggs is certainly a good record. This is what one of our advertisers claims and those wanting eggs of this kind will find them priced on this page. Sales have been made by this poultryman in eight states with the best of success. Write your wants whether for large or small amounts of eggs to Mr. Orlando Jacobs, Mediapolis, Iowa.

—Mrs. Frank Hart, Danbury, Iowa, informs us that she is all sold out of eggs for the season, and now will sell a few dozen choice Light Brahma hens. These fowls are some of the regular breeders in the flock, and must be sold to make room for young stock. If taken at once they will be priced very reasonably. Anyone who intends to add fowls to their flocks should not delay writing at once, as the offer is certainly a good one. Mention The Homestead when writing. See page 11.

## MINORCAS.

PURE BRED Single Comb Black Minorca eggs, 15 for \$1.50 for \$1.75, 45 for \$2.50, 100 for \$5. Large year's stock at reasonable prices. Nick Loewen, successor to Fitzsimmons & Loewen, Lawer, Iowa.

## COCHINS.

PARTRIDGE COCHIN Eggs, fancy show pens: \$2 per 15, 15 for \$25, 45 for \$75, 100 for \$150. W. H. turkey, 25c each. W. H. Collins, Viola, Ia.

## DUCKS.

COLORED Muscovy duck eggs, \$1.25 for eleven. Mrs. T. W. Glass, Route 4, Sac City, Iowa.

## DOGS.

## DOGS FOR SALE

AND ALL kinds of pet and live stock. Send 10 cents for sixty-page descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, Pa.



## Mining Stock Bargains

We are not promoters, but independent brokers. We can often furnish stocks far below the Treasury price. We guarantee the title and transferability of all stocks we sell. We do not say the stocks are not worth the Treasury price, but we can save you money by dealing with us.

TREASURY PRICE	OUR PRICE
\$.75.....Wellington (Breckinridge).....	\$.15
.30.....Mansfield Mining Co.....	.12
.25.....Nevada Commonwealth.....	.08
.35.....Lluvia de Cobre.....	.07
.25.....Double Eagle.....	.10
.50.....Sonora Chief.....	.33
.20.....Two Queens.....	.12
.15.....Consolidated Copper.....	.07
.25.....Chiploma M. & M. Co.....	.08
.50.....Great Western Oil.....	.12

We have some special information on the leading Nevada Mining Stocks, as well as the above mentioned stocks. If you wish to buy or sell Western Mining Stocks, write us.

CLAWSON-STREAN BROKERAGE CO., Kansas City, Mo

## THERE'S ONLY ONE

There's only one safe, sure, economical way to destroy lice, mites and vermin of every description on your poultry and in the poultry-house, and that is by using

## Lee's Lice Killer

No handling, dusting, dipping or greasing. No individual treatment of fowls. None of the laborious or disagreeable features so necessary with other preparations. Just paint or spray the roosts and walls. That's all. It never fails. Prices, 35c, 60c, \$1.00. Take no substitute. There is none "just as good." A 1907 Egg Record free.

GEO. H. LEE CO., OMAHA, NEB.

## Opportunities Along a New Line

Today the great opportunities in farming, in cattle raising, in timber and in commercial lines are in the country and in the towns along the Pacific Coast extension of the

## CHICAGO MILWAUKEE &amp; ST. PAUL RAILWAY

It has been a long time since a transcontinental railroad has been built. It will probably be a longer time after the completion of this one before another one is built. It is worth your while to investigate these openings. This you can best do by a personal visit. Such a trip is made inexpensive by the low rates via this railway to

South Dakota North Dakota Montana  
Idaho Washington

If you are interested, write for information, asking specific questions. A letter and descriptive book and map will be sent by return mail.

S. H. VAUGHAN  
Division Passenger Agent  
DES MOINES, IA.



Green Food for Chicks.

To the Editor of The Homestead:

It is often a problem to find green food for the early chicks, especially in seasons like the present. It may be new to some that potatoes raw, and finely chopped afford an excellent substitute. The chicks relish them exceedingly and race about after every tiny bit almost as if it were a fine worm or a morsel of meat. A proper amount should be given every day until there is a good supply of real green stuff. It gives a needed variety to the ration, and seem to agree famously with the chicks. At least that is our experience. This is a good way to utilize the very small potatoes. Wash them, and chop them in a chopping bowl without peeling.

One of the very best forms of green food is Swiss Chard, sometimes called Foliage Beet. It has no tuberous root, like its cousin, the common garden beet. The leaves grow large, with a broad mid-rib. These leaves can be pulled just the same as pie-plant leaves, growing again like that vegetable. The fowls will eat every particle, even the thick mid-rib. Swiss Chard is good also for culinary purposes. The leaves make finer greens than the garden beet, while the mid-rib, white and waxy, can be cooked and served like asparagus. It is a showy plant, and is quite decorative in the garden.

Last fall, when the garden was stripped of its varied crop, the fowls were allowed the run of the patch. A few lone plants of the Swiss Chard remained, but they were quickly reduced to mere skeletons, every vestige of the leaf having been devoured by the poultry. Other green things offered themselves to the chickens' appetite, but none of them were touched till the Chard was entirely eaten.

It will be found a profitable venture to add this vegetable to the garden next year, if you have not already tested its value. An increasing number of seedsmen are cataloging it. Peter Henderson, New York, Northrup, King & Co., Minneapolis, are among the number from whom seed may be ordered. One package of seed will plant quite a long row.

Subscriber.

LEGHORNS.

S. C. WHITE LEGHORN EGGS

Greatly reduced prices, from June 1st. From Wyckoff and Blumhard strains. Satisfaction guaranteed.

W. C. Jones, - - - Richmond, Iowa.

S. C. White Leghorn Eggs

I WILL MAKE SPECIAL PRICES ON EGGS for hatching during the month of June. All eggs carefully selected. Write for prices.

R. E. BROWN, - - - RICHLAND, IA.

S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

ROSE COMB BROWN Leghorns, exclusively. Eggs for hatching, single sitting of 1, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmond, Iowa.

PRICES REDUCED.

ROSE COMB BROWN Leghorn eggs, 22, \$1; 50, \$2. 100, \$3. Address, Ella Tharp, Mt. Sterling, Iowa.

SINGLE COMB BROWN Leghorns, Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

FOR SALE: Single Comb White Leghorns, both eggs, 75 cents for fifteen or \$4.00 per hundred. Adda A. Picken, Rural route No. 1, Fairfield, Iowa.

S. C. B. LEGHORN EGGS Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. V. Lambert, Anthon, Iowa.

ROSE COMB BROWN Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. 1 pay express charges. D. W. Nickerson, Marble Rock, Ia.

ROSE COMB WHITE LEGHORNS Eggs, thirty for \$1.50; \$4.00 per hundred. M. T. McEvoy, Emmetsburg, Iowa.

ROSE COMB BROWN Leghorns exclusively. Eggs for hatching, \$1.50 per thirty. \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

ROSE COMB White Leghorns. State Fair prize winners. Eggs 75c per 15; \$2 per 40; \$1 per 100. Mrs. Grant Davidson, Muson, Iowa.

Rose Comb Brown Leghorn eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Charlesville, Ia.

SINGLE COMB BROWN LEGHORN Eggs, 75 cts. per 15, \$1.25 per 50. Address, Collins Brothers, Viola, Iowa.

SINGLE COMB White and Brown Leghorns. Each variety on separate farm. Eggs 60c per 15; \$2.50 per 100. Address, George F. Blake, Maquoketa, Ia.

FOR SALE—Single Comb B. Leghorn eggs, 75 cts. per 15; \$2.00 per 45; \$4.00 per 100. Address, Mrs. John Erickson, Manilla, Iowa.

MY ROSE COMBED WHITE LEGHORNS are sold fair prize winners. Cockerels \$1, six for \$5. Mrs. Grant Davidson, Muson, Iowa.

FOR SALE—Rose Comb Brown Leghorns. Eggs \$2.00; 100, \$3.50. Satisfaction guaranteed. Mrs. Nelson Hyde, Muson, Iowa.

Why Poultry Die

An enormous amount of money is lost to poultrymen through simple neglect. Hens die for want of a proper tonic to prevent indigestion or ward off disease. All fowls, especially those in confinement, need a corrective or tonic—something to assist digestion, and compel a healthy activity of each organ.

DR. HESS Poultry PAN-A-CE-A

is such a tonic. It contains iron for the blood, and nitrates to eliminate poisonous matter from the system. Poultry Pan-a-ce-a is not a stimulant; it acts in a natural manner, compelling the organs of digestion to convert the largest possible amount of food into bone, muscle, feathers, eggs, etc. Hence, it makes the hen healthy and prolific.

Dr. Hess Poultry Pan-a-ce-a has high medicinal properties, being a cure for gapes, cholera, roup, indigestion, etc., and by its special germicidal principle, it destroys the cause of nearly all poultry disease. It is the prescription of Dr. Hess (M. D., D. V. S.) and is endorsed by the leading poultry associations in United States and Canada. Sold on a written guarantee. It costs but a penny a day for 30 fowls.

1 1-2 lbs. 25c, Mail or Express 40c } Except in Canada  
5 lbs. 60c, 12 lbs. \$1.25 } and Extreme  
25 lb. pack \$2.50 } West and South.

Send 2 cents for Dr. Hess 48-page Poultry Book free.

DR. HESS & CLARK, Ashland, Ohio.  
Instant Louse Killer Kills Lice.



BRAHMAS.

OTTUMWA Poultry Yards—Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

LIGHT Brahma Eggs, 15 for \$1.00; 45, \$2.50; 100, \$4.50; from stock scoring 90 to 93½; Polish and Mammoth strains. J. G. Goddard, Deep River, Iowa.

LIGHT BRAHMAS Eggs at 50c a sitting. \$1.75 for 50 and \$3.00 per hundred. Address: Mrs. J. M. Dries, Ashton, Ia.

LIGHT Brahmata bred exclusively for twenty-five years. Large size, farm range. Address, W. O. Fritchman, Route 2, Muscatine, Iowa.

SEVERAL dozen choice Light Brahma hens at a bargain if taken soon at \$10. Mrs. Frank Hart, R. R. 2, Dumbury, Iowa.

WYANDOTTES.

WHITE WYANDOTTES, standard bred. Right in size, color and shape. Eggs 15 for \$1.00, 30 for \$1.75. Address, Johnson Allen, Earlville, Iowa.

TWO GRAND PENS Of Buff Wyandottes, Brey and Benth strains. Eggs \$1.50 and \$2.00 per 15. Clarence McClellan, Lowden, Iowa.

WHITE WYANDOTTE EGGS, \$1.25 per 15. \$2 per 30, \$5 per 100. Hens score 95 to 96½. Address, Mrs. L. M. Estes, R. 2, Audubon, Ia.

WHITE WYANDOTTE EGGS REDUCED TO 75c per fifteen, \$3.50 per 100, remainder of season. W. S. Gregory, Roselawn Farm, Keota, Ia.

SILVER LACED WYANDOTTE EGGS FOIC \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

PLYMOUTH ROCKS.

25 BARRED PLYMOUTH ROCK COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN, - - - ALTA, IOWA

219 EGG STRAIN BARRED ROCKS

My whinnies show their quality as to fancy and utility. At Winter set Show in Dec. won 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213th, 214th, 215th, 216th, 217th, 218th, 219th.

W. A. HARTMAN, - - - Winterset, Iowa.

Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. 15 Males scoring 91 to 92½ and weighing 8½ to 11½ lbs; females scoring 88½ to 92½, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley Bros. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, - - - Montezuma, Iowa

NEEDAR Lawn Poultry Farm. 16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by cks. scoring from 90 to 93. pullets score from 90 to 93½. Eggs, pen 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$5.00; 15, \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

SOME FINE Cockerels at \$1.50 each up to \$2.50 each. Twenty years breeder Barred Rocks. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand yards mated, 3 for cks, 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva K. Girard, R. F. D. 2, Schleswig, Ia.

PLYMOUTH ROCKS.

Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, - - - Portsmouth, Ia.

BARRED Plymouth Rocks exclusively, Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers, \$1.50 per 15 eggs. Twenty years a breeder.

J. L. SLICK, - - - LANARK, ILL.

B. P. ROCK EGGS From extra large boned stock, straight barring to the skin. Yards headed by cks. and cks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners, sired by state show prize winners; females 7 to 11 lbs. Reduced prices, \$1 per 15 eggs; \$1.50 per 30. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

Barred Plymouth Rock Eggs

FROM pen headed by my 92 point cockerel and out of high scoring females; \$1.50 for 15; \$2.50 for 30. Write me, Mrs. L. C. Ittee, Prescott, Iowa.

WHITE Plymouth Rocks eggs, Flisel strain, 26 extra good flocks, score up to 94 points, farm range. Address, Mrs. O. J. Early, Bristow, Iowa.

BARRED P. ROCK Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; per \$2.00. C. G. Good, Ogden, Ia.

Plymouth Rocks exclusively. Sixteen, \$1; 100, \$4. Bradley strain, choice cks \$1.50. Send for circular. Address, E. E. Healy, Bedford, Iowa.

EGGS FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa.

10,000 BARRED PLYMOUTH ROCK EGGS for sale. Bradley Bros. and Judge Norval Stock. \$1 per 15, \$4 per 100. Aye Bros., Blair, Neb.

BARRED P. Rocks for hatching. All orders given prompt and careful attention. \$1 per 15, \$2.75 per 50, \$5 per 100. W. J. David, New Hampton, Ia.

BUFF P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa.

BARRED Plymouth Rocks, eggs; 18 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

BARRED Plymouth Rocks exclusively. Eggs from large, vigorous, well barred birds, 15, \$1; 50, \$2.50; 100, \$4.00. Arthur White, Ired Oak, Iowa.

WHITE PLYMOUTH Rock eggs from extra fine laying strain. \$1.00 for 15; \$1.75 for 30. Elmer E. Carty, Delaware, Iowa.

BARRED Plymouth Rock, eggs of Bradley and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

BARRED ROCK Cockerels, \$1.50 to \$3.00. Scores 88 to 93. Eggs in season, \$1.50 for 15. Address, L. R. Kane, Adrian, Michigan.

BUFF Rock eggs exclusively, 15, \$1.00; 30, \$1.75; 50, \$2.50; 100, \$5.00. Flock in fine shape, have run of farm. Mrs. J. J. Rink & Son, Shelby, Iowa.

LANGSHANS.

Phillips' Black Langshans

EGGS for hatching from three grand matings. Pen No. 1, scoring from 94 to 96, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 2, scoring from 94 to 96½, eggs \$3.00 per 15, \$5.00 per 30. Pen No. 3 has farm range, scoring from 92 to 95, eggs \$2.50 per 15, \$4.00 per 30, \$10.00 per 100. Write for free circular.

C. W. PHILLIPS,

New Sharon, - - - Iowa

Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, - - - New Sharon, Iowa

BLACK LANGSHAN eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

PRIZE-WINNING Black Langshans exclusively, scoring to 94 at Dubuque, 1907. Eggs, 13 for 85c; 26 for \$1.50. W. W. Bakerville, Earlville, Iowa.

ORPINGTONS.

Mike's S. C. Buff Orpington Ranch

EGGS from scored birds. Cook strain. Pen No. 1 scores from 92½ to 94. 15 eggs \$2, 26 \$3; Pen No. 2 scores from 90 to 92, 15 eggs \$1.25, 30 \$2. Sire of male birds of above Pens was imported from England. Write for circular. M. S. Heland, Slater, Iowa.

GOLDEN S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.75 for 26. A. LeFevre, Earlville, Iowa

MISCELLANEOUS.

Pheasant, Duck, Goose, Brant & Chickens Egg.

VARIETY. NO. PRICE. VAR. NO. PRICE. Wild geese, 7, \$3.00. PHEASANTS - Wild Mallard duck, 13, 3.00. Golden, - 13, \$5.00. Bar'd Rock Hen eggs, 13, 1.50. Silver, - 13, 5.00. White, - 13, 1.50. Sing. R. Neck, 15, 3.00. Wild White Brants, 7, 3.00. L'y Amherst, 7, 5.00. Address, DEER LAKE PARK, SEVERY, KAN.

AFTER JUNE FIRST

I WILL turn all pens on free range and sell eggs at \$1 per 15, \$5 per 100. 100 hens for sale at \$1 each. Send for catalog. Margaret C. Daly, - - - Anamosa, Iowa.

White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high score birds. White Holland turkey eggs \$2.50 per 11, Barred Plymouth Rock eggs \$1 per 15. Mrs. Jessie Teale, Route 4, - - - Lamoni, Iowa

Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahmas and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address, Mrs. J. C. Webber, - - - Montezuma, Iowa

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, 11oudans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Muck, Spencer, Iowa.

EGGS FOR HATCHING

PURE bred White Wyandottes, White Holland turkeys, Toulouse geese. Write for circular. Forest Home Poultry Farm, Box 253-14 Audubon, Ia.

EGGS FOR HATCHING

FROM prize winners at reduced prices. M. B. turkeys, \$3.00 for 10 eggs. B. P. Itcks, \$1.25 per 15. Pekin ducks, \$1.25 for 12. Eggs fertile.

G. M. Grinstead, - - - Mitchellville, Iowa

STANDARD AND UTILITY—Barred Rocks, Lt. S. Brahmas and Silver Laced Wyandottes. Eggs, \$1.00 per 15; \$2.50 per 50. Special matings of Light Brahmas and Barred Rock cockerel matings, \$1.50 per 15. Wm. Michael, Box 120, Lawler, Iowa.

BARRED ROCK EGGS 15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Blue barred, Ringlet strain, scoring to 92. Also M. B. turkey eggs, Missouri King and Giant strains. Prize winners, scoring 96, \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

BARRED PLYMOUTH ROCKS Single Comb Brown for hatching. Thompson and Bright strains. Pekin duck eggs, \$1.00 per 15, \$1.75 per 30, \$4.50 per 100. Address, Mrs. H. L. Jones, Montezuma, Iowa

EGGS FROM CHOICE MATINGS.

Rose Comb B. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

SILVER LACED WYANDOTTE

EGGS \$1.00 for 15. Buff turkeys' \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

BRONZE TURKEY EGGS \$2.50 per 11. White P. Rocks, \$4.00 per 100 or \$1.00 per 15; \$2.50 per 100. Mrs. W. P. Miller, Allison, Iowa.

ROSE Comb White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 26, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa

20 EGGS \$1.00 Barred, Buff, White Rocks and White Wyandottes from birds that always win prizes. J. T. Molloy, Albion, Ia.

FOR SALE Burred P. Rock eggs, 26 for \$1.00; 100 eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

EGGS Barred Plymouth Rock, \$1 and \$2 per 15; \$3, 50; \$5, 100. W. Wyandottes, \$2, 15. Mating list. W. C. Frazier, Atlantic, Cuss Co., Ia.

EGGS S. L. Wyandottes, \$1, 15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys \$2.50 per 9. Choice stock. Mrs. F. R. McLaughlin, Manning, Ia.

MAMMOTH BRONZE Turkey eggs. Turkey, \$2.50 per 9; duck, \$1 per 11. Mrs. A. Kison, Audubon, Iowa.

SILVER Spangled Hamburg, Rose and Single S Comb Brown Leghorn. 15 eggs, \$1.00 from high scoring birds. Edward Dooley, Selma, Iowa.

AGENTS wanted among poultry raisers to sell WALKER'S ROUP and CHOLERA CURE. Guaranteed cure. No canvassing. Sample 10c. Walker Remedy Company, Lamoni, Iowa.

UPLAND Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$7.50. Albert Haas, Vanocoma, Iowa.

PURE bred black and white Langshan, Lt. Brahmas and M. B. turkey eggs, prices right. Mrs. S. E. Newell, Houte 6, Audubon, Iowa.

EGGS for hatching, S. C. Buff Orpingtons, \$1.50 per 15; Golden Buff Rocks, \$1.00 per 15; \$5.00 per 100. Mrs. G. R. Fuller, Route 4, Rolfe, Iowa.



# KRESO DIP



**"KRESO" KILLS ALL KINDS OF LICE. KRESO-DIP CURES MANGE & SCAB, CUTS, WOUNDS, SORES, RINGWORM etc. KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT**

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SHEEP POULTRY DOGS

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Home Offices and Laboratories,  
DETROIT, MICHIGAN.

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**Co. Dixon, Ill.**

THAT will kill all the weeds in your lawn. If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small seeders of roots, the grass will become thick and the weeds will disappear.

The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12 in. Mower, \$5; No. 2—16 in. Mower, \$6; No. 3—18 in. Mower, \$7; No. 4—21 in. Mower, \$8. Send draft, money order or registered letter. Mention the Homestead when writing.

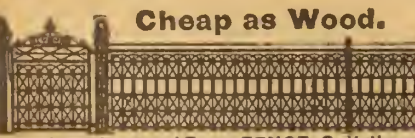
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REMNANTS for fancy works, beautiful pieces, corners and squares, new bright colors. Large Package 50 choice pieces with embroidery silk and 5 yards pretty Silk Rib

Send all post paid only 10 cents, 8 lots for 25c; 12 lots for 75 cents postpaid. Address Seville Lace Co., West Orange, New Jersey.

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We manufacture Lawn and Farm FENCE. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is free. Write for it to-day.

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## DON'T RUST FENCE



Galvanized so heavily can't rust. 40 Carbon Spring Steel. No agents. 30 days free trial. Farm and Poultry Fence Catalogue No. 57. 40 Styles Lawn Fence. Catalogue O. One or both free.

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## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

### WITH THE EDITOR.

This is the day of wonderful happenings, of truth that is stranger than fiction.

The other day a woman met with an accident that caused the loss of so much blood that her life was despaired of. A great physician who was called in consultation looked very grave, but in reply to the husband's agonized "Is there no hope, doctor?" replied, "There is one chance. If we could give your wife blood she might recover." Perhaps there was a suggestion in the great man's eye or tone. At any rate the husband throwing off his coat, said, "Here I am; use me," and a little later physicians were pumping his blood into the arteries of the exhausted woman. Reports to the press a few days later stated that the woman was doing well. She is probably restored to health before this, a walking miracle illustrative of the power of modern surgery.

For ages men have been seeking to discover the secret of transfusing base metal into gold. They are still seeking, but a French alchemist has discovered some wonderful process by which tiny rubies can be manufactured. These crystals defy detection under the microscope, it is said. Even when they are joined so as to produce superb stones only experts can distinguish them from veritable rubies. Science is so clever, so expert, she is outwitting Mother Nature.

Marvelous as the phonograph is we have grown accustomed to—some of us have grown unutterably weary of—bottled sounds which can be uncorked at will, so to speak. We are to be treated to a new and even more wonderful thing. A machine which was invented a few years ago has proved its claim that by it an audience can hear a concert given twenty-five or thirty miles away. This telharmonic instrument so receives and so distributes sound that guests in large hotels and boarding houses are now able to have an orchestra at dinner at expense so slight that dining to musical accompaniment is likely to become quite general. It is the hope of Dr. Cahil, the inventor of this amazing machine, that telharmonic companies will become quite general; that private homes will be reached as they now are by telephone; that daily concerts will be given in large cities, and that thousands of people will enjoy the music comfortably seated in easy chairs in their own homes.

Science has treated us to so many surprises that our faculties have become a little dulled; we refuse to be amazed at anything that is not extraordinarily remarkable. The most jaded will probably start at the announcement that experiments have been made which go to prove that that intangible thing we term the soul has weight. A Dr. MacDougall has been experimenting along the line of weighing bodies just before and immediately after death. The result is that he has established "a loss of substance from the body, not accounted for by known channels of loss." The amount of this loss runs from three-eighths of an ounce to an ounce and a half. As might be expected, Dr. MacDougall found much difficulty in securing human subjects for experimentation. He does not feel that his experiments have been on a large enough scale to establish definite results at all and he regrets that the public should have gotten hold of the facts so prematurely. Students of psychology do not agree as to the value of Dr. MacDougall's discovery, but it is worth while to note that no difference was found in the weight of dogs treated precisely as were human beings.

### HOME AND HOMEMAKING.

#### LITTLE HELPS BY THE WAY.

Plant patience in the garden of thy soul! The roots are bitter, but the fruits are sweet; And when, at last, it stands a tree complete, Beneath its tender shade the burning heat And burden of the day shall lose control—Plant patience in the garden of thy soul!

—Henry Austin.

Heed not the envious tongues! True innocence Despite them all unspotted still remains; 'Tis like the sea, so mighty and immense That naught withstands it and that nothing stains.

Hast thou an enemy? Make him thy friend. So hast thou gained a double con-

## Simpson-Eddystone Black & Whites

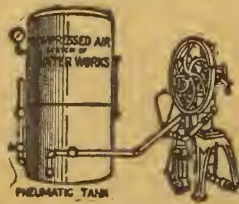


The standard for over sixty years. Absolutely fast color. Every year has added to their quality. Some designs have a new silk finish.

Ask your dealer for Simpson-Eddystone Black-and-Whites.

Three generations of Simpsons have made Simpson Prints.

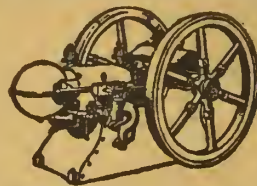
The Eddystone Mfg. Co. (Sole Makers) Philadelphia.



## PRIVATE WATER WORKS

**ECONOMY HOT AIR PUMP** constant, permanent water supply at even temperature and any desired pressure the year around. **RUN BY HEAT. NO EXPLOSION. NO EXHAUST. NO TROUBLE. NO NOISE.** A child can run it. We equip your **WATER SUPPLY COMPLETE** with either Hot Air or Electric Pump, pneumatic or open tank. **TEN DAYS TRIAL.**

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## Lightning Gasoline Engine

**STATIONARY AND PORTABLE 2 TO 25 H. P. NEW PLAN FOR COOLING CYLINDER. REDUCES WATER TANK TO A FEW GALLONS. SEND FOR CATALOG. SPECIAL FARM ENGINES.**

**KANSAS CITY HAY PRESS CO., 621 Mill St., Kansas City, Mo.**

quest, for thou hast conquered both thyself and him.

### MAY TIME.

Spring is waking.  
Trees are shaking  
Tasseled plumes to greet the May;  
Birds are cooling  
Ardent, wooing  
Love songs through the livelong day.

Hearts grow tender  
And surrender  
Unto other hearts that sigh;  
Youth and maiden,  
Blossom laden,  
Breathe soft vows of constancy.

O what gladness!  
Care and sadness  
Change to jocund nymphs of mirth;  
We'll go Maying,  
Pipes a-playing;  
Love is king of all the earth.

—Lillie Holliday Kellam.

### HEARD AT THE CIRCUS.

The "perfessor" was assuring his auditors that the strange animal they now beheld was the only one of its kind in captivity. A mild mannered man edged his way to the front and waited for a pause in the oratory. "Is this an amphibious animal?" he asked timidly when his chance came. "Amphibious?" retorted the "perfessor." "Amphibious," nothing. Why, he'd bite you in a minute."

### THE HOME-MADE REFRIGERATOR.

Every housewife can have a refrigerator of this kind: "Make your frame work the size you want the refrigerator. Make the bottom a trifle larger than the top. Cover the framework with ordinary gunny sacking. Stretch this covering tightly and secure with small nails. The door is made of the same material and can be made to open and shut; or you can have a hanging door, which simply drops over the opening. Now, set a vessel of water on top of the refrigerator. Of an old white woolen cloth make strips two inches wide (or wider) and dip them in the water. Stretch them over the side of the vessel, the long end of the strip hanging down the side of the refrigerator. This makes a wick or siphon for gently draining the water onto the gunny sacking. The vessel should be filled morning, noon and night. The object is to have free circulation of the air force evaporation and keep the sides of the refrigerator wet at all times." We have tried it and find that it acts very well. I hope this may benefit some tired housekeeper.

### FRUIT SHORTCAKES.

To make the sweetened dough for these cakes, add to a quart of flour three teaspoonfuls of baking powder, one of salt, and two tablespoonfuls of sugar. Sift twice to mix thoroughly. Rub into this two tablespoonfuls of butter if the dough is to be made with cream, or four if milk is used; a cupful and a half of liquid is required. Mix the dough rapidly, and place it upon a well-floured board. Have ready three huttered pie plates, and cutting the dough into six parts, roll each to fit the plates; place one piece on each plate, spread it lightly with soft butter, then add another layer the same size. Bake at once, ten minutes being sufficient if the oven is at proper heat. When done, separate the double cakes, add the fruit while hot, and serve immediately. If it is to be served cold, put in the fruit about fifteen minutes before it is required. For three cakes, three pints of fruit will be required; when fresh fruit is used, sugar should be sprinkled on the fruit at least half an hour before it is required. Sugared fruit should be kept in a cool place. Arrange the fruit between and on top of each pair of short-cakes, and, if liked, a cupful of whipped cream may be spread over the top. If sour milk, buttermilk or sour cream is used in making the dough, omit baking powder, and use a tablespoonful of baking soda.

### CHILDREN AS CHICKEN RAISERS.

Many a man who takes first-rate care of his stock seems to think that chickens are "too small fry" for him to give any attention to,

so they are neglected or turned over to his wife and children. In many ways a woman can give better care to chickens, little chicks in particular, than a man, but it is hardly right to ask her to attend to the hens in midwinter or at any other time, when there is a large family of children to care for and several hired men to cook for, especially if there is no help in the kitchen, as is too often the case. Children usually take great interest in chickens and like to care for them, especially if a few are given them to be "their very own." I would recommend that fathers give each child a hen or more and let them have all the chickens she raises, also the money they bring for their own; in this way the children are not only led to show greater zeal in their work but also learn to save their money, as they do not when some is given them which costs no labor on their part. Nevertheless the chickens ought not to be turned entirely over to the children, because they may forget some things that will make a material difference in the profits accruing from the hens.

### A LITTLE BROWN TOAD.

I.  
Hippety-hop, little toad,  
Why do you stop in the road?  
Waiting for me to talk with?  
Four little feet to walk with,  
Four little legs to race with,  
Enough to run any place with.  
Why do you sit on the ground  
While I am skipping around,  
Happy with only two feet?  
And I can easily beat  
You with your four, little toad.

II.  
What makes you blink, little toad?  
Sunshine too bright in the road?  
You'd rather sit in the shade,  
Maybe, where eyes never fade.  
Couldn't catch flies in the light,  
Could you, were the sun very bright?  
What do you think, little toad?

III.  
You have no teeth, little toad,  
Can't bite me hard if you would.  
How do you manage your food?  
Mamma tells me it's not good,  
Eating things whole as you do.  
But, if 'twere worms, I'd want to,  
Indeed I would, little toad.

IV.  
Since you can't bite, little toad,  
Good thing for you your warts grewed;  
No one likes them very well;  
Dogs, even, drop you and yell,  
Just as they would if you bit,  
So you are safe when you sit  
Under a leaf to get rest,  
So I am sure warts are best—  
Yes, best for you, little toad.

V.  
How many toes, little toad?  
Shouldn't have guessed, but you showed  
Eight toes in front, ten behind.  
Thanks for the sight. You are kind.  
Why more behind than in front?  
Hind legs must suffer the brunt  
When there's hard toad work to do,  
So I've been told; is it true?  
Hope toads never sucked the thumb,  
Stunting it till it didn't come—  
Hope that isn't so, little toad.

VI.  
Where did you stay, little toad,  
When it was cold and it snowed?  
Under some leaves, so I heard,  
Slept till the song of a bird  
Told you 'twas time to come out  
And see what folks were about.  
When you have found the right spot,  
Nearby in our garden plot,  
Hide every worm, every bug,  
Inside your little brown jug—  
Pa says you will, little toad.  
Forest City, Iowa. —Eugene Secor.

### AMONG OURSELVES.

If the young Indian girl who addressed the circle a few weeks ago cares to reveal her identity to inquiring friends, will she please send the editor her address? A Bachelor Girl may do the same.

Two of the men of this circle have



dropped in this week prepared to say a word on the subject of dancing. For the sake of interest and spirited debate I could wish they had not been on the same side, but as they will bring out somewhat different points, I doubt not both will receive an attentive hearing. A Wisconsin Farm Reader will take the floor first:

I would like to enter the Home Department for just a little talk on amusements, as that subject in the department has attracted my attention of late. Mr. R. Thomas, in the April 25th issue, upholds dancing, but does not want church members to dance because they would be overstepping the bounds of church discipline by so doing, thus insinuating that the church has placed a ban on dancing without good reason for doing so and because of some mere sentiment. It is true that dancing, together with card-playing and theater-going, is under the ban of the highest Christian sentiment, but not without due reason. The church stands for righteousness, truth and purity, and cannot uphold anything that is destructive to these virtues. So we must analyze the dance to see what reason the church has for objecting to it. The conspicuous things of the dance are music and that the dancers always dance with a member of the opposite sex. And we notice that the music is of a particular kind, so composed as to inspire the desire to dance. But if it is the love of music alone that causes one to dance, why always have the mingling of the sexes in the dance? Why do not girls in their clubs and gatherings have music and dancing without the presence of men? They can have their card parties, sewing societies and all other forms of amusement without the thought of having the presence of men in order to have the fullest enjoyment of them. The same can be said of men's clubs and gatherings and a dance of men only would be a subject of ridicule in any community and the idea is never thought of. So we must conclude that the consciousness of sex enters into it and lends it zest and greater pleasure. There are so many amusements that are pure and good that no one need suppress his desire for merriment, and no one need be called pessimistic or narrow who objects to these questionable amusements.

While no one can deny the truth of some of the statements made by "A Wisconsin Farm Reader," I doubt not there are those who know of girls, at least, dancing alone. Some of the merriest dancing I have ever witnessed (I do not dance myself) was that of a crowd of girls, half of whom wore ribbons on the left arm to indicate that they were men for the time being. While there can be little doubt that the contact of the sexes is an element in the pleasure of the dance, I think that music and motion are also elements. When we were girls at home together a younger sister of mine who was studying very hard used to come flying down stairs about half after nine or ten o'clock of an evening and beg some one to play a waltz for her. As the player went to the piano the chairs would be shoved to one side and a moment later the student "all by her lonesome" was moving to the strains of the music. She was finding relaxation and refreshing which enabled her to return to her books for a couple of hours' further work, or, if she studied no more that night, to fall asleep the moment her head touched the pillow. We are to have a further word from Mr. Herschel Short, but before he speaks will the friends pardon me for saying that

more and more it seems to me that what we need is not sweeping condemnation of certain amusements, but such cultivation of our moral forces as shall enable us to absorb the good they hold and at the same time to be immune to their possibilities for evil:

While I have the greatest respect for others' opinions I am not ashamed of my own convictions. Let us hear both sides and hold fast that which is best. I wish to thank our kind editor and circle for the discussion in favor of, as well as against, dancing. I am opposed to dancing because I do not believe it is morally elevating. My observation is that persons are not quite so well respected, in most communities, who attend dances as those who do not. This should be reason enough, but there are many others. True, dancing is about the strongest cure for bashfulness we have; in fact, it produces the other extreme, for which there is no cure. Bashfulness, or modesty is a priceless virtue. The sweetest thing on earth is a bashful girl. I have noticed, too, that dancing makes one walk gracefully, especially the next morning after being up all night. Those who are in favor of dancing should read the book written by a noted dancing master, entitled "From the Ballroom to Hell." How many would attend dances if the boys and girls danced separately and the men had to waltz with their own wives? Not many, I am sure. Carrie Nation says dancing is just plain, unvarnished hugging of the most promiscuous variety.

It is a pity there should not be more of the old-time dancing, the minuet and the lancers and those other beautiful stately dances which used to be popular with our forefathers. The waltz which offers, perhaps, the greatest excuse for "promiscuous hugging" nowadays, used to be danced in an inoffensive manner; it might be so again. Young people will dance; it is as natural for them as for lambs to gambol; it is for their elders to so safeguard them and the amusement that the harm resulting will be minimized as far as possible.

Speaking of safeguarding the young people, Mrs. Polly has something to say:

We cannot be too careful of what our boys and girls read. I was always an omnivorous reader, and began to read everything I could lay my hands on at the age of eight. The stories I read then colored my whole after life. I read the little Sunday school library through and through. Some of these stories were very bad for me. They were too high flown, the "goody, goody" kind, leading me to form false notions of the world. If I had not had the best of mothers, and had not been well sheltered from all outside influences I should certainly have taken many false steps. And that same little Sunday school library, paradoxical though it may seem, would have been to blame.

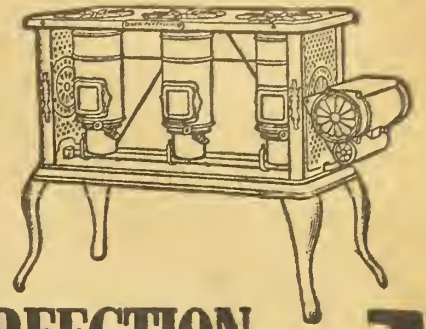
I wish some of the friends who feel that their early reading has helped or hindered them, would come and tell us about the things they read. Let me start the ball rolling by saying that I think no thing that I am definitely conscious of had larger formative power in my life than the books I read not once, but over and over again—because they happened to be in the home library. "The Wide, Wide World," "Queechy," "The Old Helmet," "The Lamp-lighter," "Melbourne House," and "Daisy," and that set of which "Scepters and Crowns" is one did so much to form my girlish ideals that I sometimes wonder how much of me would disappear were their influence to be extracted from my make-up. Then, too, there were those exquisitely spiritual little daily portion books of Frances Ridley Havergal, "My King," "Loyal Responses," "Royal Beauty," and "Little Pillows." But time fails me; some other meeting, perhaps, I shall tell you of other books and authors to which and to whom I am forever indebted for weal and for woe.

I had planned that we should have a book talk from Mrs. Lowater today, but I think I'll hold it over until next meeting and let Mrs. Lowater give us something not nearly so pleasant, but perhaps just as helpful at this time.

Do those who use corrosive sublimate on bedsteads know that its fumes are very poisonous to many people? I was once poisoned by staying half an hour in a bedroom where it had just been applied. My face swelled until my eyes were closed, the skin was red and inflamed, and it was several hours before the pain left me. I knew one woman who slept in such a room who was so badly poisoned that she required a doctor and nurse for two or three weeks, and another who suffered nearly as much. The symptoms are very similar to those of poisoning by ivy, but I think the illness is more dangerous. It is not necessary to use any poison. Kerosene, applied with an oil can to every crevice of bed or room, is a perfectly sure insecticide. I have twice moved into a house which was badly infested, and completely exterminated them by the weekly application of kerosene for a short time. And I have seen inquiries in several papers for something to kill vermin in a child's hair. Grease or oil, fresh lard, castor or sweet oil, is a perfect and speedy cure. Sometimes one application is sufficient, but it is best to repeat it two or three times, at intervals of three days. Saturate the hair and rub it into the roots, and do not wash it off. Wipe with a dry cloth, and let the child wear a cap at night, until the cure is certain. And the oil is excellent for the growth of the hair, which is too often

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made dry and harsh by excessive washing.

Sometimes such knowledge is needed by the cleanest housekeepers and the most careful mothers and because needed but seldom, is not available at the hour of need. There should be a scrap book or a scrap box for every house for clippings of this kind.

One of the younger women also comes with practical hints concerning caring for the beds:

It is a good plan to keep a nice, clean whisk broom in some convenient place and give the mattress a good sweeping off every two or three days to keep it free from dust and lint and a small new paint brush is excellent for brushing the back, slats and sides of the bed and these useful brushes can be bought for a trifle. As a feather bed or mattress cannot be aired easily, they should be kept well protected by covering with a mattress pad, made like a comfort of white muslin, and while these can be bought ready-made, they can be made just as well at home and at much less expense. If the beds are covered with dust sheets when sweeping a room, both the woodwork of the beds and the bedding may be kept clean twice as long, and these covers can easily be made from old sheets or from any old soft material. If a white iron or white wooden bedstead simply needs cleaning it can be made shiningly clean by washing with a strong lather of white soap with a tablespoonful of borax in the suds, then it should be rinsed immediately with warm water to which a little of the borax is added, and as fast as a small portion is washed it should be rubbed perfectly dry with clean, soft cloths. After the whole surface has been thus treated, rub briskly, but lightly with a piece of soft silk or flannel, and unless the woodwork or iron is decayed, this cleaning will be all that is necessary to make it look fresh and new. If the furniture has become old or shabby it can be completely transformed by giving it two or three coats of white enamel paint, and any girl can make the furniture look like new with a paint brush and a few small cans of cheap paint.

Apropos of the care of furniture and woodwork, let me second Miss A's plea for the use of the paint brush. Paint is cheap and easily applied and its renovating powers are little short of miraculous; its use should be much more general. Miss A's hints for cleansing are admirable, but I believe furniture treated to borax and soap would be improved by being rubbed with something more than a clean cloth. Who will give us a recipe for a good, home-made furniture polish? Please let us have it soon.

After a little talk on gardening by Mrs. A. Irwin, the meeting will stand adjourned:

I am an interested reader of Among Ourselves column and as Aunt Belle has asked about flowers, I will try to help her by giving my experience. We were leasing a farm and had to make all improvements, so did not wish to expend much money on shrubbery which we must leave. I had a piece of

ground fenced with wire netting, large enough for a garden and the expense of fencing was \$12. We sold vegetables enough to pay for fencing the first year, beside having all we could use for a family of six, and I canned eighty quarts of tomatoes, a large quantity of pickles and other things the housewife likes to have in the cellar. About the flowers: At the front side I planted scarlet runner beans and cypress vines the whole length of the fence. It was a beautiful sight all summer. Then I worked a strip of ground about four feet wide just next the fence inside and sowed flower seeds, pansies, candytuft, four white California poppies, the common poppies, balsam, asters, marigolds, periwinkles and nasturtium. On the west side of the garden next to the road I put dahlias in hills, with a purple flowering bean on the fence and a row of sweet peas on a wire trellis, about two feet inside the garden fence. This row was about one rod long and furnished flowers for the house until frost came. I never let the beds get weedy, and if the weeds are kept down at first it is not hard work to keep them clean. Nasturtiums will give you cut flowers all summer of such cheery colors, and so many shades, and as easily grown as radishes. They are prettier for vases if not mixed with other kinds of flowers, but arranged loosely with their own foliage. In a little bed in front of my west window I had gladioli and verbenas. The gladioli bloomed earlier, and the verbenas covered the ground and bloomed until November. With rose moss for edging my garden bed was a picture and some people from town who were taking views of the country brought their cameras and took a picture of garden and flowers. And there was always flowers for friends who had none. I planted my pansies, asters and verbenas in boxes in the house the first of March, so had plants ready to set out by first of May. My asters bloomed beautifully for a short season, then died down while in full bloom. Can anyone tell me why?

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at all times of CLOVERS, TIMOTHY, and seeds of all kinds. Send sample and get our offer. We are paying high prices for WOOL. Send us a trial shipment. The Adams Seed Co., Decorah, Ia.



## Dressmaking and Millinery, No. 571.

Sylvia Silverthorne, Muscatine, Iowa. (All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper or to the editor of the Home Department.) Among the many dainty and pretty dress accessories the fichu is taking a leading place, and as this is something that may be worn at will with any costume, as may a collar or tie, it is well to add one or more to one's summer outfit, for wear on appropriate occasions, and with the waist or costume to which they are adapted. And when I say adapted I mean that the material of which the fichu is made and the material of the garment with which it is worn determines to a great extent its appropriateness. The fichu seems especially suited to wear with the waist that is at least slightly low at the neck, and many of the season's waists will be cut out in some way to give the low effect. Again for wear with the costume of sheer or transparent fabric the fluffy or ganzy fichu is the appropriate accessory. For wear with costumes of linen, gingham, and other general wear materials fichus of linen or at least of medium weight fabrics are suitable. Handkerchief linen



[5628 Girl's Bertha Collars, 6 to 12 years.]

trimmed with swiss or similar embroidery, or with valenciennes lace and insertion makes up attractively for wear with the shirt waist costume, giving it the needed dressy touch when the occasion calls for the slight change. Mulls, chiffons, uets and soft silks make the dainty creations called for when these are to be worn with very dressy gowns. These fichus may be long enough to extend to the belt where the ends are tucked in or they may terminate at the bust line, and the ends be held in place by a fancy pin, or be knotted and have short ends that hang free.

Quite as popular and somewhat in the same



[5627 Boy's Overalls, 4 to 8 years.]

Now are the cape collars now so much worn, but I need not enter into an extended description of these as they are in a general way modifications of the fichu. The shape is different, of course. Many of them are cut on circular lines, and are wide enough to extend quite to the edge of the shoulder. These are made separate and are to be worn on occasion as desired.

One of the most favored decorations for these and other garment accessories is the application of braid in a pattern, and while this is not new, there is an idea that is new in the use of white soutache braid on thin materials, as chiffon, net, and the sheer muslins. Revers, berthas, and all kinds of waist features are made up in this way, and they add a dressy touch that can scarcely be imagined.

In the design pictured in 5628 is shown a set of bertha collars for girls of from six to twelve years of age, and I may assure you that it will be an easy matter to adapt them to larger or smaller sizes if one desires. The picture shows these so fully that I will not attempt to go into a complete description of each. There are four different collars in the set, the patterns for the four being enclosed in an envelope as one pattern, (or number). One may choose which she will use or may make in the different shapes. These bertha collars may be made of the dress material or of white, or of anything suitable for a fancy collar. They are shown variously trimmed, with lace insertion and edging, motifs, and with embroidery. The trimming described above will prove another charming mode of decoration. These collars are cut for ages 6, 8, 10 and 12 years. Give age when ordering pattern. The schoolboy will want to go fishing,

or work on the farm, when "school is out," and for him then there must be the "brownies" pictured in 5627. I need not take space to describe these, as they are simple and familiar to all. Pattern 5627 is cut in sizes for boys of 4, 6 and 8 years. Give age when ordering.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

## Carpenter &amp; Ross Short-horn Sale.

Breeders from several states were present at the first annual public sale of Messrs. Carpenter & Ross, at Mansfield, Ohio, on Wednesday, May 22d. Col. Bellows opened the sale and introduced in turn Col. W. A. Harris and Mr. I. M. Forhes, both of whom gave valuable information concerning the Short-horn. The recently imported lots were the attraction of the day and were widely distributed to some of the best herds of the country. Mr. Thos. Johnson, of Columbus, Ohio, topped the offering, paying \$905 for Imp. Cadboll Gwynne, a show heifer of the late importation. This heifer was safe in calf to Diamond Star, a winner of eleven firsts and eight championship ribbons, as a yearling in 1906 at the noted shows of Scotland. This heifer will make a valuable addition to the good herd of Mr. Johnson. Mr. D. R. Hanna, of Ravenna, Ohio, was the largest buyer of the day and he secured many bargains; among the number being Imp. Spicy Peggy at \$500, one of the heifers just imported; Imp. Astes, with roan bull calf at foot, by Clarendon, first prize yearling bull at Aherdeen show, at \$600 and Imp. Betsinda, at \$450. Mr. Hanna secured a bargain in Merry Robin at \$480, a candidate for show honors, by Imp. Royal Robin. Col. F. O. Lowden, of Oregon, Ill., topped the bull offering, securing Imp. Keir Sceptre, a yearling bull of much promise. Messrs. W. H. Lincoln & Son, of Woodstock, Ohio, took another of the imported bulls, Imp. Royal Crown, at \$725. Imp. Diamond Victory sold to Mr. E. W. Bowen, of Delphi, Ind., at \$750. Imp. Stronan Star went to Mr. H. Keifer, of Humboldt, Neb., at \$500 and Mr. W. H. Schafer, of Keensburg, Ill., secured Imp. Royal Fusilier, at \$400. This firm are deserving of much credit for the enterprise shown in placing for sale at public auction such a good lot of imported animals. The entire lot of these sold at an average of \$595. The home bred sorts were in demand as well and the get of White Hall Count, a bull used with much success in this herd and afterward sold at public auction for \$1,000, found ready sale. Females safe in calf to Avondale, the noted son of Whitehall Sultan, the present herd bull, found ready sale at remunerative prices. Col. Bellows was assisted by Col. Jones, Lincoln and Urton. A full list of animals sold follows:

## MALES.

Imp. Royal Crown, 1-year, Vice President, W. H. Lincoln & Son, Woodstock, O. \$725  
Imp. Stronan Star, 1-year, Montrave Bar-on, H. Kuper, Humboldt, Neb. 500  
Imp. Royal Fusilier, 1-year, Royal Velvet, W. H. Schafer, Keensburg, Ill. 400  
Imp. Keir Sceptre, 1-year, Lord Elgin, F. O. Lowden, Oregon, Ill. 800  
Imp. Diamond Victory, 1-year, Diamond

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We give you \$4.20 worth of the Best Soap Absolutely Free if you accept our "4 Months Free Trial Offer" for the Wonderful, New, Ball Bearing, "Dan Patch Washer." This marvelous new machine washes clothes snow white, in less time and without tearing off buttons or injuring the most delicate fabrics. A small child can easily and safely work the ball bearing "Dan Patch Washer." It is the Easiest, Fastest, Cleanest, Most Economical and Best Made Washing Machine. Name This Paper and we will mail you Free a Finely Illustrated Catalogue of the "Dan Patch Washer," also a Splendid Colored Lithograph showing the Beautiful and Intelligent Head of Dan Patch, 1:55 and also a "Free Trial Offer Blank" to mail us if you accept offer. We do not require a cent of money, note or deposit. We give you \$4.20 in soap whether you keep the "Dan Patch Washer" or not. Write to THE INTERNATIONAL FACTORIES CO., Minneapolis, Minn.

Mine, E. W. Bower, Delphi, Ind. 750  
Gloster Lad 2d, 1-year, Golden Hero, Darling Bros., Nellie, Ohio 280  
Merry Robin, 1-year, Imp. Royal Robin, D. R. Hanna 480  
Strathclyde, 2-years, White Hall Count, John Pickering, Kenton, Ohio 38  
Count Nicholas, White Hall Count, Wm. Miller, Bellevue, Ohio 175  
Scottish Chief, 1-year, New Year's Gift, Darling Bros. 200  
Goldicotte, 1-year, White Hall Count, S. E. Findlay 130  
Socrates, 6-months, White Hall Count, H. R. Williams, Bondsville, Ohio 105  
Red Monarch, 1-year, White Hall Count, D. R. Hanna 115  
Lovat's Champion 2d, 1-year, Lovat's Champion, Theodore Rink, Mansfield, Ohio 115  
Lord Archer, 1-year, Kelley Archer, J. B. Gorham, Lexington, Ohio 150

## FEMALES.

Royal Girl 5th, 1-year, Missie's Crest, D. R. Hanna 120  
Cherry Missie, 2-years, New Year's Gift, E. W. Bowen, Delphi, Ind. 250  
Lady Zoe 6th, 8-years, Blue Ribbon, D. R. Hanna 350  
Primrose, 2-years, Golden Hero, same 225  
Missie's Isabella, 1-year, Missie's Diamond, S. E. Findlay 130  
Orange Blossom Queen 4th, two years, Bapton Gloster, D. R. Hanna 200  
Rose Bredwell 2d, 2-years, Sir Bredwell, J. A. Gerlaugh, Harshman, Ohio 215  
Gilia 10th, 9-years, Baron Linden, S. E. Findlay 110  
Twin Rube 1st, 2-years, White Hall Baron, D. R. Hanna 200  
Twin Rube 2d, 2-years, White Hall Baron, same 200  
Snow Drop, 5-years, Royal George, H. A. Gordon & Son, Mt. Gilead, O. 150  
Dew Drop, 1-year, Fine Morning, Jos. E. Hoffer, Mansfield, Ohio 105  
Ruth Rustic, 5-years, Rustic Chief, D. R. Hanna, Ravenna, Ohio 350  
Evening Baroness 2d, 5-years, Cherub of

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Ashburn, same 400  
Imp. Spicy Peggy, 4-years, Spicy King same 600  
Cadboll Gwynne, 2-years, Baron Butt, Thos. Johnson, Columbus, Ohio 905  
Imp. Astes, 2-years, Violet's Victory, and b. c., D. R. Hanna 600  
Imp. "Mona's Mint," 2-years, Royal Mint, B. F. Hawley, Woodstock, Ohio 400  
Imp. Marion 7th, 2-years, Prairie King 2d, H. F. Brown, Minneapolis, Minn. 510  
"Betsinda," 2-years, Royal Mint, D. R. Hanna 450  
Lady Dorothy 4th, 2-years, Imp. Best of Archers, A. Chrystal, Marshall, Mich. 220  
Gold Dust Oak Leaf, 6-years, Baron Gold-dust, Thos. Johnson 265  
Broadhooks Violet 2d, 2-years, White Hall Count, A. M. Rawlins, Springfield, O. 415  
Blythesom Girl 3d, 9-years, Royal Mem-ber, D. R. Hanna 225  
Mary Ann, 4-years, Bold Count, W. E. Jones, Lima, Ohio 135  
Mary Lancaster 4th, 10-years, Golden Lavender, D. A. Teeuer, Cumberland, Ohio 165  
Golden Lavender, 2-years, Golden Hero, F. M. Harding, Wankesha, Wis. 345  
Fairy Maid 2d, 7-years, Missie's Champ-ion, S. E. Findlay, Mansfield, O. 125  
Roan Mina, 2-years, White Hall Count, D. R. Hanna 450

## SUMMARY.

29 females sold for \$8,715, average... \$300  
15 bulls sold for \$5,135, average... 342  
44 head sold for \$13,850, average... 315

## Northwest Iowa Breeder Sells Prolific Durocs.

Mr. Geo. W. Custer, Merville, Iowa, who sold bred sows the last of February sends in his report which though late, bears in-teresting news pertaining to the prolificacy



Fire King 231873, an all red, Scotch bull that has been retained to use on Lord Bant's heifers. This bull is included in M. E. Jones' sale of Short-horns, at Williams-ville, Ill., June 4, 1907. See advertisement on page 20 of this paper.



# LANDS AND HOMES FOR SALE

## All Aboard for MENDOTA!

### HOMESEEKERS' EXCURSION TO MENDOTA, TEXAS.

A.T. &amp; S.

## Go to Mendota Cheaply and See What Texas Offers You

What's the use of struggling along to make an expensive farm pay when you can move to MENDOTA, TEXAS, now, get good land there for very little—\$8 to \$18 an acre—and quickly become independent, living all the time in the pleasantest and most healthful climate in the United States?

Stop working against heavy odds. Go to Texas, make more money, own a bigger, easier worked and more productive farm. The possibilities there are just as good as you can find anywhere; the climate is better than in most places, and you will still be under the Stars and Stripes.

When thousands of other men no smarter or richer than you are doing all that, don't you think it's worth your while to look into this matter seriously at once?

Now, while prices are very low and before all the best land is taken, is the time for you to get a farm in the fertile, healthful, well watered country around Mendota. The terms of purchase are easy—less than four cents an acre a week.

The Colony Farm Homes Association has just placed on the market a fine tract of rich, virgin soil—25,000 acres—surrounding the new townsite of Mendota, in fertile Hemphill County, on the Atchison, Topeka & Santa Fe Railroad. Until now the land has been used by cattle raisers and not

cultivated. Soil is a rich, deep, chocolate loam. Abundant rainfall, pure water and no irrigation or fertilizing necessary. Free town lot in Mendota to every purchaser of at least 80 acres.

Read all about it in our free book, "Mendota Colony Farms." Learn how farms are producing big crops of corn, alfalfa, wheat, milo, maize, kafir corn, potatoes and cotton. Find out from the actual experience of persons who have lived and farmed in Hemphill County for years just how pleasant and healthful and profitable a place it is to make your home and prosper in.

But, MOST IMPORTANT OF ALL, see the Mendota land with your own eyes and choose right on the spot the land you will buy.

Prepare to go to Mendota on the next Homeseekers' Excursion. Write today for full particulars about MENDOTA and the low-priced excursions to this Land of Promise.

This association is composed of successful business men and land experts. We give St. Louis bank references as to our reliability.

Sending for the big illustrated book will not obligate you in the least, but getting more information about this wonderful opportunity may prove to be the wisest thing you ever did.

Do it Now—today.

THE COLONY FARM HOMES ASSOCIATION, 21 Equitable Bldg., St. Louis, Mo.

**FOR SALE, RENT OR EXCHANGE:**  
Good improved grain and stock farm of 740 acres in Chautauque county, Kansas. Write for particulars. Box 81, Independence, Iowa.

**WASHINGTON FARMS.**  
FARMERS send for our special bulletin of Fruit Farms, irrigated and planted, \$325 an acre. 2c stamp brings it. Calloun, Denny and Ewing, Inc., Alaska Building, Seattle, Wash., U. S. A.

**TO EXCHANGE:** Have a good improved farm. well located, to exchange for registered cattle or stallions. Write giving description and prices. Box 81, Independence, Iowa.

**CORN LANDS** Write for State Map, Book let and Weather Report. Sent free. Bazel J. Meek, Chillicothe, Missouri.

**FOR FARMS AND EXCHANGES,** write in your first letter what you want to buy, or have to exchange. Fraley & Graham, Ulrich, Missouri.

**WANTED** farmers to locate on well improved and prairie land, near Mitchell, \$15 to \$50. Write M. Loftus, Mitchell, South Dakota.

**WELL IMPROVED** 180 acre farm in Clay Co., Illinois. Price \$40 per acre. J. J. Smith, Clay City, Illinois.

**CORN and Alfalfa farms** for sale; good improvements. Write for prices. Jas. S. Sheeran, Solomon, Kansas.

of his sows that were taken away. Gratifying results have been heard from buyers regarding the vigor and fine condition and number to the litter. Messrs. Bennington & Sons, local buyers, who topped the sale as shown below report a fine large litter sired by Jumbo Perfection. The crowd was representative of breeders in that part of the state and as the size, bone and prolificacy of the offering was well advertised those who came were sure to buy. The news of Mr. Custer's returns is pleasing. Below is a list of the sales:

No.	Price.
1, J. H. Bevington & Sons, Menville, Ia.,	\$95
2, Ed. Rush, Pierson, Iowa	75
3, A. C. Cummings, Leeds, Iowa	57
4, A. Luther, Lemars, Iowa	45
5, C. Norling, Menville, Iowa	61
6, A. Lentz, Pierson, Iowa	41
7, Wm. Hansberger, Correctionville, Ia.	38
8, A. Luther,	49
9, H. W. Goreham, Menville, Iowa	60
10, Ira Newton, Menville, Iowa	45
11, A. C. Cummings,	57
12, Ralph Spencer, Menville, Iowa	41
13, A. Lentz	46
14, G. Atchison, Kingsley, Iowa	41
15, John Wilkin, Correctionville, Ia.	40
16, A. Sibal, Storm Lake, Iowa	46
17, E. G. Spencer, Menville, Iowa	51
18, E. G. Spencer	56
19, Joe Jahns, Menville, Iowa	75
20, A. Sibal	69
21, A. Sibal	47
22, A. Wickstrom, Bronson, Iowa	50
23, Paul Glasnapp, Sac City, Iowa	47
24, G. Atchison	41
25, H. W. Goreham	35
26, F. O. Walker, Correctionville, Ia.	31
27, Sam Walker, Correctionville, Ia.	31
28, L. G. Walker, Correctionville, Ia.	30
29, A. Sibal	33
30, George Rockefeller, Menville, Iowa	34
31, F. O. Walker	35
32, P. J. Julch, James, Iowa	38
33, Will Plendl, Kingsley, Iowa	40
34, S. G. Butts, Mason City, Iowa	43
35, C. E. Johnson, Bronson, Iowa	43
36, C. O. Ashmore, Cushing, Iowa	28
37, F. W. Johnson, Leeds, Iowa	23
38, Fred Kuhennen, Kingsley, Iowa	39
39, L. G. Shoemaker, Bronson, Iowa	30
40, F. Bern, Bronson, Iowa	32
41, J. H. O'Donell, Jackson, Neb.	25
42, F. Bern	22
43, John Bahmer, Menville, Iowa	50
44, P. A. Rose, Menville, Iowa	41
45, F. Bern	32

## RICH, FERTILE PRAIRIE LANDS OF WESTERN CANADA

Offer a Golden Opportunity to Both the Farmer and Investor.

We have for Sale

### Over 500,000 Acres.

THE FAMOUS SASKATCHEWAN VALLEY,  
THE GREAT QUILL LAKE PLAINS,  
THE GOOSE LAKE DISTRICT,  
THE YORKTON DISTRICT.

THE FARMER will find here the finest land in the world. Deep, black, loam clay sub-soil, clean, open prairie that will produce 30 to 50 bushels of No. 1 hard wheat to the acre. **THIS IS YOUR OPPORTUNITY—TRY IT.**

THE INVESTOR will find an absolute safe investment. The country is being fairly networked with new railroads, settlers are pouring in and land values will advance tremendously in the next two years. Our advice is to **BUY NOW.**

Write for Maps, Printed Matter, etc.

**STEWART & MATHEWS CO., LTD.,**

187 Water St., WINNIPEG, CANADA. 305 Jackson St., ST. PAUL, MINN.

## LET ME SELL YOU A FARM IN SOUTHWEST TEXAS

THE LAND OF THE POOR MAN'S CHANCE.



HERBERT HURD.

Southwest Texas is the Land of the Poor-Man's Chance. I will sell you a farm on easy terms—about like rent in your country. Be independent—why pay rent to a landlord or interest on a mortgage when you can buy a farm? All southwest Texas needs is people. We have the best of climates and a splendid soil. We have 32 inches of annual rainfall. I want to send to you, free, "Hurd's Pipe and a splendid soil." This is a little illustrated magazine about southwest Texas. I don't say much in this magazine about the land I have to sell—the farmers who have bought land from me do most of the talking. You'll be interested in what they say about the country. Write for "Hurd's Pipe Dreams" now, before you forget it.

I want you to see this country and talk to the farmers who live there. I will pay your expenses of the entire trip if I misrepresent conditions. I can't afford to tell you wrong because I get most of my business in communities where I have operated for years, then the men who compose our company are wealthy and influential citizens of Texas and we could not afford to misrepresent. The facts are we don't need to.

HERBERT HURD, V.P. & Gen. Mgr., The Fidelity Immigration Co., 1046 Union Ave., KANSAS CITY, MO.

**FOR SALE OR EXCHANGE:** 240 acre east prairie and pear orchard, located within 2 miles of growing city of 18,000 population. The owner will sell on easy terms or will exchange for northern farm or city property. Northern Iowa Land Co., Independence, Iowa.

### FORCE SALE

I HAVE three farms in southeastern Minnesota, (Dodge County) which are being sold under foreclosure. My loss will be your gain. If you want a good farm at a bargain come and look them over and make me an offer. The first good offer takes either of them. Write for description. DON'T WAIT. Address J. L. Griswold, Dodge Center, Minnesota.

### FREE TRIP TO TEXAS.

WE offer a free trip to the Panhandle of Texas to one reliable farmer of any township in the state. Always state township and county. For particulars write: Ben L. Tanner Land Co., Cedar Rapids, Iowa.

### A FINE HOG FARM FOR SALE.

14 ACRES, right near town, 6 blocks from car line, 9 room house, barn, hog and chicken houses, corn cribs, in fact everything. A bargain. Write, Sol Frank, Sioux City, Iowa.

### AN INVITATION.

YOU are of course coming to the JAMESTOWN EXPOSITION, at Norfolk, Va. When you do, you are invited to visit and inspect the splendid farming and timber lands offered for sale cheap along the lines of the NORFOLK & SOUTHEAST RAILWAY. No such lands to be had anywhere else for the price. Now is the time to get a home in a good climate, where the soil is virgin and fertile, on easy terms. Write for farm list and descriptive pamphlets. F. L. Morrill, Land and Industrial Agent, Norfolk & Southern Ry., 302 Citizens' Bank Bldg., Norfolk, Va.

FOR sale or exchange, stock farm, central Minn. 820 a.: 620 a.: fenced with woven wire, 1 barbed wire at bottom, 2 at top; 2 mi. of running water, good well, 2 story house, icehouse, barn, sheep shed for 1,000 sheep, 250 a. tame grass, plenty of wood on place, R. F. D. and phone, good roads. Best grass land in N.W., good fishing and hunting. Full blooded sheep, goats and cattle go with place if desired. For best of reasons will sell for \$25 per a. on easy terms. Geo. W. Somerville, Sleepy Eye, Minn.

**FOR SALE** "Glenbury," 900 a. plantation, 750 a. in cult.; new brick mansion colonial style, 14 rooms; 14 tenant houses; best in land; prettiest place in Tennessee. Owner returning to England. Make ideal home, hunting preserve; paying investment; \$33,000. Ad will not appear again. Harry Shaw, Somerville, Tennessee.

**FOR SALE** or trade for South Dakota land, 80 acres in Paloalto county, Iowa, well improved. George J. Sahn, R. F. D., Manchester, South Dakota.

## LAND VALUES IN THE GARDEN SPOT OF TEXAS

Will increase faster and go higher than anywhere else, because the soil is richer and deeper; will produce larger and more varieties of crops; is clear, ready for plow; crop failure impossible, because some crop can be planted any month in year; climate healthy; not cold in winter nor hot in summer; ample rainfall; competing railroads within two miles; close to best markets in world; good neighbors. Save agent's commission by buying direct from us. Do it now. Prices \$10 to \$20 per acre in any sized tract to suit. Next fall will be \$5 an acre more. Write or call for booklet, "Truth About Texas," and state map free. Cheap R. R. rates. Free fare to buyers.

PICKERT-HAMMOND LAND CO.,

Opposite Grand Central Station,

Houston, Texas.

N. W. Branch, 1039 and 1040, Lumber Exchange, Minneapolis, Minn.

## INVESTIGATE

Beltrami and Clearwater Counties, Minnesota.

A grand dairy, sheep and general farming country.

WILL OWN 35,000 acres (UT-OVER) lands never before on the market, with rich, creamy soil, clay sub-soil, natural grasses, timber, lakes, close to good towns, saw mills, railroads, highways, schools, churches, with Duluth, St. Paul and Minneapolis markets competing for our products. To actual settlers we offer choicest lands at from \$10 per acre up, on easy terms, and in such compact bodies that whole communities can locate together if desired. Of this section, Prof. Thomas Shaw says, "The possibilities are away beyond the popular estimate." Good farmers who want homes, will be given every encouragement. Colored map and illustrated folder free. Don't locate till you have seen this country. For full information address Roger C. Spawner, Pres., Donald Land & Lumber Co., Drawer N, Bemidji, Minnesota.

## REWARD!!

I WILL pay \$100 in gold to any person who will furnish me the name of a person who will buy 160 acres of good farm land in southeastern North Dakota, the most famous wheat belt in the world. Canada is frozen out and the southwest has failed. But Dakota, the choicest of all the country, has a bumper crop coming. Fine people, good towns, churches and schools, in fact, everything as you have it at home. Write me for particulars.

**John Mueller, - Lisbon, N. D.**  
(Agents wanted in every town.)

### IOWA

## THE GREATEST CORN STATE.

IOWA beats all other states, Illinois included, in corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, and some to exchange. Send for it early.

Northern Iowa Land Co., Independence, Iowa.

## THE CATTLE RANCHES MUST GO

and we have control of one of the finest fertile tracts of land to be had in southeastern Wyoming where wheat and other small grains are never a failure. Potatoes and other vegetables grow in abundance. We will sell 160 acres or more of this land one-fourth down, balance on deferred payment, 8% interest. Write for circulars and other information. Excursions each first and third Tuesdays. Arctide Land Co., No. 7 News Arcade Bldg., Des Moines, Iowa.

FOR sale—Choice farm lands in central Wisconsin, improved and unimproved. Good soil, well watered, well adapted to stock raising and general farming. Well located near churches, schools, creameries and cheese factories, and none of 12 over 8 miles from a railroad. Don't buy land until you have investigated, as we can give you more for your money than you can get elsewhere. Write for book telling more about this; write today. Mattoon Railway Company, Mattoon, Shawano county, Wis.

LARGE highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.



### Dates Claimed for Live Stock Sales.

#### ABERDEEN ANGUS.

June 4, Lakeside Farm, Storm Lake, Iowa.  
L. H. Lamar, Mgr.  
June 12, Combination sale, Kankakee, Ill.  
M. A. Judy, Mgr.  
June 18, H. A. Cole, at Des Moines, Iowa.  
June 25-26-27, L. H. Kerrick Est., Bloomington, Ill.  
W. C. McGavock, Mgr.  
Oct. 16, John E. Griffith, Washington, Iowa.

#### SHORT-HORNS.

May 31, W. A. Forsythe, Greenwood, Mo.  
May 31, Walter Teel, Rushville, Ill.  
June 4, Milton E. Jones, Williamsville, Ill.  
June 8, W. E. Cutler, Corydon, Iowa.  
June 11-12, F. O. Lowden, at Chicago, Ill.  
June 13, Thomas, Jameson & Mitchell, Allen, Kan., at Kansas City, Mo.  
June 14, H. H. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 12, Geo. H. Dietz, Manning, Iowa.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 24, S. W. Hogate and J. T. McMahon, Bladen, Neb.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

#### HEREFORDS.

June 18, Hood & Baker, Dunlap, Iowa.  
Feb. 25, 26, 27, C. A. Stannard and others, Emporia, Kan., at Kansas City, Mo.

#### POLAND CHINAS.

Oct. 10, W. D. Fulton, Villisca, Iowa.  
Oct. 15, John Blain, Pawnee City, Neb.  
Oct. 23, Jens Jensen, Exira, Iowa.  
Oct. 26, H. L. McKelvie, Fairfield, Neb.  
Oct. 30, Ralph Mecham, Larabee, Iowa.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.  
Feb. 19, W. W. Wheeler, Harlan, Iowa.

#### POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

#### RED POLLS.

June 12, W. H. Lake, Hampton, Neb., H. F. Stubbs, Bradshaw, Neb., at Lake farm.

#### DUROC JERSEYS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 1, W. H. Haith, Tecumseh, Neb.  
Oct. 2, W. M. Putman, Tecumseh, Neb.  
Oct. 3, Elmer Lamb, Tecumseh, Neb.  
Oct. 4, R. F. Miner, Tecumseh, Neb.  
Oct. 5, F. C. Crocker, Filley, Neb.  
Oct. 9, Frank Butterfield, Polk City, Iowa.  
Oct. 10, Lein Bros., Story City, Iowa.  
Oct. 10, W. S. West, Hanna City, Ill.  
Oct. 12, Preston & Yustin, Corning, Iowa.  
Oct. 15, Boar sale, Claude Huffman, Scranton, Iowa.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Oct. 23, Geo. W. Seckman & Son, Mt. Sterling, Ill.  
Oct. 24, J. F. Nichol, Pierson, Iowa.  
Oct. 25, Rlsser Bros., Sanborn, Iowa.  
Oct. 26th, J. A. Russell & Son, Corning, Iowa.  
Oct. 29, Geo. R. Manifold, Shannon City, Iowa.  
Oct. 29, Watson Bros., Creston, Iowa.  
Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
Nov. 6, O. L. Mossman, Polk City, Iowa.  
Nov. 7, S. L. Hopper, Neola, Iowa.  
Nov. 9, Boar sale, Hood & Baker, Dunlap, Ia.  
Nov. 9, H. G. Warren, Inland, Neb.  
Jan. 16, S. G. Collicott, Lake City, Iowa.  
Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
Jan. 21, Weighton & Ashby, Audubon, Iowa.  
Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
Jan. 23, Relsser Bros., Sanborn, Iowa.  
Jan. 23, Robt. Pritchard, Carroll, Neb.  
Jan. 24, B. A. Shafer, Sanborn, Iowa.  
Jan. 24, W. M. Lessman, Wayne, Neb.  
Jan. 25, Henry Wallersdorf, Hartley, Iowa.  
Jan. 31, Hood & Baker, Dunlap, Iowa.  
Feb. 1, Dr. J. A. Downs, Gliddeu, Iowa.  
Feb. 3, Robt. Schaal, Polk City, Iowa.  
Feb. 4, Frank Butterfield, Polk City, Iowa.  
Feb. 6, W. R. Bennethum, Madrid, Iowa.  
Feb. 7, O. A. Olson, Madrid, Iowa.  
Feb. 10, Claude Huffman, Scranton, Iowa.  
Feb. 11, Perry Livengood, Castana, Iowa.  
Feb. 12, D. F. Counts, Mapleton, Iowa.  
Feb. 13, Isenbarger Bros., Battle Creek, Iowa.  
Feb. 14, Marion Booth, Battle Creek, Iowa.  
Feb. 15, Geo. R. Manifold, Shannon City, Iowa.  
Feb. 18, Lein Bros., Story City, Iowa.  
Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
Feb. 21, Fred Frazier, Ankeny, Iowa.  
March 3, Geo. W. Custer, Moville, Iowa.

#### O. I. C. SWINE.

Oct. 10, J. S. Kennedy, Blockton, Iowa.  
**PERCHERONS, CLYDES AND SHORT-HORNS.**  
June 27, A. H. Brett, Mason City, Iowa.  
**POLAND CHINAS AND DUROC JERSEYS.**  
Oct. 19, E. A. Olive, Scranton, Iowa.  
**POLAND CHINA AND O. I. C. SWINE.**  
Oct. 23, F. G. Paul, Laurel, Iowa.

### FIELD NOTES.

A few good Galloway bulls are offered for sale by Mr. W. W. Scholes, of Onawa, Iowa.  
Shropshire rams and ewes are offered for sale by Mr. Geo. Allen, of Lexington, Neb.

Some excellent Poland China fall boars are offered for sale by Mr. F. W. McIntyre, of Red Oak, Iowa.

Three Duroc Jersey sows bred for July farrow are offered for sale by Mr. Austin Renshaw, of Blair, Neb.

A couple of good Meddler boars are advertised for sale by Messrs. Wm. Ray & Son, of Defiance, Iowa.

Mr. Carl Hansen, of Herman, Neb., offers four fall Duroc Jersey boars for sale at \$20 apiece if taken right away.

A few high-class Cruickshank bulls good enough to head herds are offered for sale by Mr. C. C. Norton, of Corning, Iowa.

Messrs. C. W. Daws & Son, of Harlan, Iowa, have a few good young Scotch bulls for sale. It will pay any breeder to go and see these.

A chance to buy well-bred steers weighing from 800 to 1,150 pounds is offered by the advertisement of some 280 head of the low-cut, blocky sort on page 18. They are de-

horned and must be sold at once. Call or write, mentioning The Homestead. Address Mr. H. I. Ball, Fairfield, Iowa.

S. L. Hopper, Neola, Iowa, offers a good yearling Duroc Jersey boar for sale at \$50 if taken soon. He is worth the money to the man who wants a boar.

A fine bunch of fall Berkshire sows, bred in the purple, and good individuals, are offered for sale by Mr. C. J. Martin, of Churdan, Iowa. If taken soon he will make some special prices on these.

Sale dates listed this week in the Short-horn department include that of Mr. Geo. H. Dietz, of Manning, Iowa. The event will be held in town and will offer, no doubt, some very seasonable numbers.

Mr. W. W. Wheeler, of Harlan, Iowa, of mastodon Poland China fame, claims February 19, 1908, for his bred sow sale. This event, as in the past, will no doubt attract wide attention. It is none too early to plan for your shopping nine months ahead of time.

Village Stock Farm, Carlinville, Ill., is prepared to supply a few October Duroc Jersey boars to those wanting this kind of stock. The spring pigs are doing well and orders will be taken on these. Write your wants to this farm. Address Messrs. Comer & Gilliland, Carlinville, Ill., and kindly mention The Homestead.

Mr. W. R. Bennethum, Madrid, Iowa, who sells some of the most growthy and strong-boned Durocs every season informs us that his crop of pigs numbers seventy-five and are making rapid progress, so much so that it is going to be a problem to pick out the best ones for the state fair this fall. February 6, 1908 is the date for the winter sale of breeding animals.

Ten Percheron mares in foal are wanted by Mr. H. Tucker, Box 603, Mason City, Iowa. The ages of these horses may be from three to eight and the preferable weight is that of a good heavy drafter. If you have a good mare to sell write your best cash price, mentioning the fact that you saw this advertisement in The Homestead. See page 18. Address as above.

Mr. O. A. Olson, Madrid, Iowa, heretofore in a partnership, known as Sundberg & Olson, has chosen February 7, 1908, for the time of his winter sale of breeding Duroc Jerseys. We have not heard whether he will hold a fall sale, but whether he does or not, buyers looking for some real good boars this fall should drop off and visit his farm just a mile or so out of town.

Don't wait if you want a chance at the three Minnesota farms offered for sale, because of foreclosure, on page 15. They are located in Dodge county, southeastern part of the state and the first good offer gets them. Descriptions will be furnished prospective buyers by writing Mr. J. L. Griswold, Dodge Center, Minn. Kindly mention this paper when writing for particulars.

Messrs. Preston & Yustin, Corning, Iowa, breeders of Duroc Jersey swine, are much pleased over their bunch of spring pigs and write that they represent a very choice variety of breeding, being sired by Orion and Proud Advance boars out of high class sows. These breeders expect to sell October 12th and are accordingly making preparations to show the breeding fraternity a good assortment of blood lines and profitable animals. Watch for their announcements later.

Walter Bowen, Neola, Iowa, has a crop of sixty spring pigs this season, together with a goodly number of fall sows, which he is saving for his spring sale. Mr. Bowen is one of the enthusiastic young Duroc Jersey breeders in his section of the state, and has Neola Chief 56455, a son of Ohio Chief, and out of Lady Harris, a daughter of old Duroc Challenger, at the head of his herd. He is a good breeding boar, and there are some nice pigs by him on the farm. The most of the sows sold in Mr. Bowen's last winter's sale were bred to him, and he has the best reports from them. He has a good brood sow called Silene, by Alfonso Wonder, and she has a splendid litter of eight pigs by the Iowa State Fair winner, Kruger Lad. She farrowed ten pigs and is now raising eight, and it is one of the best litters on the place. He has another nice litter of ten pigs out of a Perfection Boy gilt and these are sired by the third prize Iowa State

Fair boar, Crimson Wonder I Am II. Mr. Bowen has a nice bunch of ten pigs by Golden Jim, a son of Junior Jim, and he has six granddaughters of Crimson Wonder that he is retaining for his sale. Mr. Bowen also breeds Chester Whites and has about fifteen nice pigs and a few sows to farrow yet. Much of his Chester White stock comes from the Kerr and Frost herds of Missouri. We will have more to say of this herd later in the season.

Any farmer who wishes to take a free trip to the Panhandle of Texas can do so as follows: The Ben I. Tanner Land Co., of Cedar Rapids, Iowa, will give one free trip to one reliable farmer in each and every township. For particulars, and when the excursion will start application must be made to Ben I. Tanner Land Co., Musquakie Bldg., Cedar Rapids, Iowa. The wise farmer will make application early, as positively only one free trip will be granted from each township. See proposition on page 15.

Hereford bull buyers will find quite a variety in age and breeding in the bull offering made by Mr. A. F. Hager, of Avoca, Iowa. Of the young ones there are quite a number ranging from thirteen to twenty-six months. Two St. Elmo bred bulls are included that are just twelve months and tip the beam close to 1,000 pounds. A five-year-old is also offered, he being the imported Islam. Write your wants to this breeder, or visit the herd and make your selections. Kindly mention this paper when so doing. See page 20.

Mr. Chas. Cooper, Ferris, Ill., writes that the pigs which he has saved for breeding stock from his spring crop of Durocs are very nice ones and the man who can show better ones will need to do the Missouri stunt. The dams represent a wide variety of leading strains of blood and the pigs are mostly the get of Tip Top Notcher, Hanley, Hambletonian, Ambition 2d, Peter the Great and others. Victor Paul, first prize under a year at the Illinois fair is responsible for some of the crop. Orders should be mailed early and will be given good selections. Wonder Boy, the well-known boar, is half owned by Mr. Cooper.

Messrs. Hood & Baker, of Dunlap, Iowa, have 175 head of Duroc Jersey spring pigs this year. These are sired by Dunlap Banker, a son of old Iowa Banker, now doing service in their herd. They also have litters by Kruger Lad, the Iowa State Fair prize winner; Arion, Redwood Chief, Tokio and Kruger Jr., a son of old Kruger. They have a nice line of breeding in brood sows, some of which are daughters of the old sweepstakes boar, Advance, Arion, Tolstoy, Glendale Critic and Junior Jim. They will make a boar sale this fall and a spring sale also, and they always have something for sale, both in the way of boars and sows. They will be glad to show their herd to intending purchasers at any time. Should any of our readers want anything in their line we can recommend the above firm as one of the most reliable.

A representative of The Homestead recently called upon Messrs. J. A. Russell & Son, of Corning, Iowa, who own one of the good Duroc Jersey herds in that section of the state, and found them growing a nice crop of spring and fall pigs. The last couple of years this firm have purchased some high-class sows and these have come from some of the very best herds in the West. The boars that they are using at the head of their herd are Tip Top Notcher Jr., a son of Tip Top Notcher; Proud Lady's Best, a son of Orion and out of the \$1,275 sow, Proud Lady, and Higgins' Improver by old Higgins Model out of an Improver II. dam. All the pigs of their own breeding are sired by these two boars, but they also have a number of litters by other well-known sires. They have two litters by Ohio Chief, one out of a granddaughter of Nebraska Belle, the other out of a granddaughter of old Brilliant. They also have one litter by the sweepstakes boar, Crimson Wonder Again, out of a Top Notcher Again sow; one litter by R. J.'s Proud Orion, out of a granddaughter of Nebraska Belle; one litter out of an Improver II. sow by Iowa Standard; one litter out of an Ohio Chief sow by Crimson I Am, and a litter of four fine fall sows by Tip Top Notcher Jr. out of one of his Lady May sows. One of these gilts is toppy enough to go anywhere and she is going to



## PILES FISTULA NO MONEY to pay UNTIL CURED.

I treat and cure permanently by mild and painless methods, all diseases of the Rectum, such as Piles, Fistula, Hemorrhoids, Ulcer, etc. I do not use the knife nor put you to sleep with chloroform or ether. I guarantee a cure and take no money until cured and satisfied.

**Protection for Life**—Every case when cured and discharged is given a written "Legal Guarantee" of cure which provides for Free Treatment at any time during life, should further treatment ever be needed. In other words, "I agree to keep you cured."

Write me full particulars and I will send New Illustrated Book FREE. Also letters from hundreds of cured Iowa patients.

Write these cured patients:  
W. H. Swartzendruber, Wellman, Iowa.  
A. Nicholas, Plover, Iowa.  
L. B. McAlpin, Clarinda, Iowa.  
T. B. Atkins, Grinnell, Iowa.  
August Weible, Rolfe, Iowa.  
B. A. Armstrong, Zealing, Iowa.  
Wm. Converse, Hancock, Iowa.  
T. M. Harris, Atlantic, Iowa.  
J. A. Boller, Kalona, Iowa.  
Jas. Reid, Mitchellville, Iowa.  
Isaac Clites, Emerson, Iowa.  
J. R. Fairchild, Altoona, Iowa.  
J. I. Nau, Thornton, Iowa.  
T. W. Naylor, Perry, Iowa.  
C. H. Oates, Clarinda, Iowa.  
Thos. Armstrong, Curlew, Iowa.  
J. E. Foshier, Sr., Pleasantville, Iowa.  
Edw. E. Jenkins, Villisca, Iowa.  
John J. Kaue, Emmetsburg, Iowa.  
J. M. Thompson, Webster City, Iowa.  
C. D. Brown, Clarinda, Iowa.  
W. S. Johnson, Kellogg, Iowa.  
D. L. Reid, Earlham, Iowa.  
A. L. Baker, Sioux Rapids, Iowa.  
W. C. Spicer, Bloomfield, Iowa.  
J. M. Rorabaugh, Colfax, Iowa.

Address me,  
**JOSIAH JOHNSTON, M. D.**

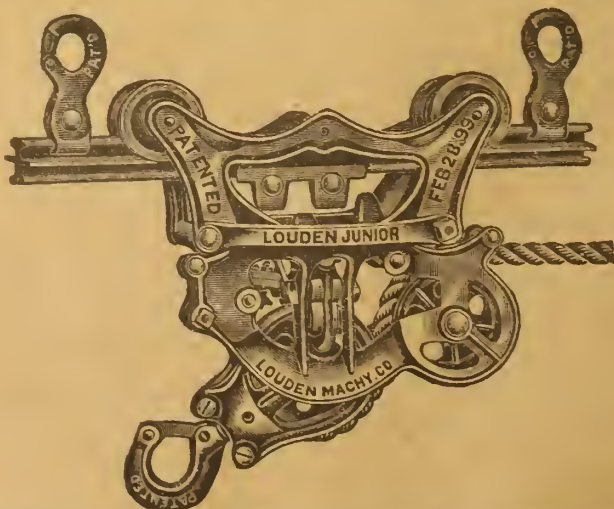
512 Walnut St., Des Moines, Iowa.

make this firm some money one of these days. The entire litter is above the average and they demonstrate the fact that they have a good breeding boar in this son of old Tip Top Notcher. They have five litters out of daughters of Proud Advance, two litters out of daughters of Orion, Improver II, Higgins' Model and Ohio Chief. Altogether they have five Proud Advance sows in their herd. It is a collection of the very best breeding and they will have something good to offer the trade this fall, at which time their advertisement will appear in The Homestead.

Mr. E. A. Olive, of Scranton, Iowa, is building up a good herd of Duroc Jerseys and has a nice crop of spring pigs on hand. At the head of his herd is I Am Proud Advance 54843, a son of old Proud Advance, and most of his spring pigs are sired by him. He has three Junior Jim sows in the herd, and one very good one, and all have litters of pigs. He has an excellent brood sow in Kate Kruger, a daughter of old Radiator, that he purchased of Messrs. Manley & Co., and she is suckling a good litter by I Am Proud Advance. Mr. Olive is nicely situated to do a good business, being right in the city limits where he has a few acres. His farm is near Bayard, Iowa, where the most of his hogs are raised. He will make a fall sale at which time we will tell Homestead readers more about what he has to offer for sale.

One imported German coach stallion and one Percheron stallion are offered to trade for land in either eastern, North or South Dakota. The coach stallion is represented to be an exceptionally good horse weighing around 1,400 pounds, with plenty of bone, size and style, and good action. He is only seven years old and a sure breeder. The Percheron stallion is a five-year-old, is sound, and weighs 2,040 pounds. He is claimed to be an exceptionally good styled horse with the best of action. Is nicely turned, and is as good as many horses that have been sold this year for \$1,500 or better. Many companies have sold horses no better than this horse for \$2,000 and over. Write, describing whatever you have to exchange in North or South Dakota land, to Mr. Harry Tucker, Box 603, Mason City, Iowa. Kindly mention The Homestead.

Mr. S. L. Hopper, Neola, Iowa, will be remembered by many of the Duroc Jersey breeders who held sales the past two seasons as the enthusiastic young man who bought liberally of the best sows in several of the prominent sales. He has a bunch of eighty spring pigs sired by his three herd boars, Tip Top Chief by Ohio Chief II, out of a Tip Top Notcher dam; Perfection Again by Perfection Boy, he by old King Perfection; and Hopper's Duroc, a son of Wehr's King, out of an Echo King dam. He also has litters by Grant Hockett's great boar, I Am Advance, A. L.'s Chief, Iowa Notcher, Proud Advance Jr., I Am A Wonder and Golden Jim by Junior Jim. This will furnish him a variety from which buyers can certainly make a selection this fall and winter. He has two good litters by Tip Top Chief, one out of a daughter of Hambletonian, the other out of a daughter of Echo King. The fall yearling sow that he bought of Grant Hockett has four boars and two sows by I Am Advance, and they are very good pigs. Rosebud 2d, a granddaughter of Advance, also a granddaughter of Orion, and a member of the first prize yearling herd at Minnesota, has a litter of six boars and one sow by Iowa Notcher. Orion's Topsy by Orion, has a litter of three boars and three sows by I Am A Wonder, and Lady Perfection by Munson's Perfection, (the first prize Iowa State Fair pig in 1904) has a litter of ten good pigs by Proud Advance Jr. He also has a nice



Hay storing with a Louden Junior steel swivel carrier means the elimination of much hard labor during hay making season. The illustration herewith attached is that of a Louden Junior Carrier manufactured at Fairfield, Iowa. The distinctive feature of the carrier is its strength and ease of operation. Being made of the best steel on the swivel pattern it satisfies every demand made on it whether slings or a harpoon fork is used. In addition it has the superior feature of never failing to lock, at the same time it cannot wedge fast. These two points are perhaps the most important ones to consider in a carrier. The defective operation of either makes no end of annoyance for the farmer. Aside from these points of merit there are others, all of which are fully described in the catalog of barn equipment which will be sent to any who ask for it. Address, Louden Machinery Co., Fairfield, Iowa. Mention The Homestead when writing.



# PILES

## FISTULA--NO MONEY TILL CURED

Lem Gammon, Dealer in General Merchandise, Ramah, Colo., writes: "Feb. 19, 1902. It is with pleasure I recommend your treatment for Fistula. I had a severe case, but believe I am permanently cured. I was afflicted for eight years and it has been six months since you treated me, without a day's loss of business."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed.....

Town..... State.....

litter of seven by A. L.'s Chief out of a granddaughter of Roycroft's Sensation, another litter out of a granddaughter of Proud Advance and sired by W. D.'s Ohio Chief, and still another litter of seven out of a granddaughter of old Tolstoy; and sired by a son of Glendale Critic. He now offers for sale his yearling boar, Hopper's Duroc, as he cannot very well use him in his herd. He is making the price right on this fellow, and will be pleased to hear from anyone wanting a good yearling boar.

Some extra good year-old Scotch-topped Short-horn bulls are on inspection for buyers at the herd of Mr. Geo. A. Bonewell, Grinnell, Iowa. These bulls are sired by the good Scotch sire, Victor Royal 216553 and will be sold right to make room for new comers. When writing for particulars mention The Homestead. See page 18.

Sixty pigs from the spring crop of Poland Chinas have been selected by Mr. Fred Ebendorf, Strawberry Point, Iowa, for filling his orders for this season. Orders should be booked now as Mr. Ebendorf wishes to ship pigs at three months. At the head of the herd are several very well-bred boars, including Hustle On, Perfect Spellbinder and others. A few sows bred for July and August farrow will be spared for those who want them. These weigh around 225 pounds and are a good-boned bunch. A few good males are still on hand. Recently Mr. A. P. Fox visited the farm and took eight fall gilts away that crated 2,100 pounds. Besides the swine offering, there are several red Short-horn bulls ready for service. These, as well as some heifers, are being priced very reasonably to anyone looking for this kind of stock. Write your wants to this breeder and kindly mention The Homestead.

### SHORT-HORN BULLS FOR SALE.

Anyone wanting a good young Short-horn bull should read the advertisement of Mr. A. B. Clark, of Wayne, Neb., in this week's issue of The Homestead. He can fill a carload order if anyone should want that many.

### HEREFORD BULLS FOR SALE.

A carload of good young Hereford bulls are offered for sale by Mr. A. Spooner, of Mondamin, Iowa. These are sired by Beau Mondamin 12th, a son of the noted sire, Beau Donald. They are making special prices on these bulls for the next thirty days. Write him at once about them and get his prices.

### SOME SPLENDID ANGUS BULLS FOR SALE.

Any of our readers who want a high-class Aberdeen Angus bull at a living price should read the advertisement of Mr. W. H. Jones, of Quimby, Iowa. He offers to sell a twenty-two-month-old Erica bull, sired by the noted bull, Imp. Edward R., also a twelve-month-old Pride bull and a ten-month-old Blackbird. Here is a great opportunity to buy a high-class herd bull at a reasonable figure. Any of our Homestead readers can well afford to pay Mr. Jones a visit and purchase one of these youngsters.

### UNITT'S DUROC JERSEYS.

To those who are in search of a good fall Duroc Jersey boar or a yearling Short-horn or Hereford bull, we wish to refer you to Mr. W. G. Unitt, of Seward, Neb. The fall boars now for sale are sons of Shamrock, one of the great Duroc sires now in service, and are from a daughter of Gold Dust Jim, and a granddaughter of Higgins' Model. They are very growthy, weighing 260 pounds at eight months old. If you are in search of a good fall boar write Mr. Unitt and he will gladly send you description and prices of these boars. He also offers his two-year-old herd boar, Sensation Jr. 1 Am 42689, he by the great Sensation Jr. 22461. Among the bulls offered are some choice individuals, both Short-horn and Hereford, that can be bought at a very reasonable figure. Write him for breeding, description and prices and mention this paper. See advertisement on page 18.

### WARREN'S DUROC JERSEYS.

It takes a lot of nerve to pay \$1,575 for a Duroc Jersey sow, but this is exactly what Mr. H. G. Warren, of Inland, Neb., did at the sale of Gilbert Van Patten, at Sutton, Neb., last February. In this purchase Mr. Warren opened the eyes of the Duroc Jersey world, as it was at that time the highest price ever paid for a sow of this breed. This great sow was Rose Bud Lady, a daughter of Van's Perfection, the boar that won first and sweepstakes at Nebraska, Iowa and Kansas in 1902, and was a winner wherever shown three years in succession. Her dam was Blue Belle by Glenwood King. This sow as a producer has few equals, having produced some of the best show animals that ever came from the Van Patten herd. She now has a fine litter of five pigs by Medoc, a son of the \$6,000 Kan't Be Beat. At the sale of Geo. Briggs & Son, the day following, Mr. Warren topped that sale at \$600 for the great sow, Garnet, a daughter of Morton's Prince, and having for her dam Rose II by Higgins' Model. This great sow has a fine litter by Improver II which are among the very best we have seen this year.

Another of the good sows on the Warren farm is Rose K. by the great show boar, Billy K. This gilt was second prize at the Iowa State Fair in her class and third at Nebraska. She now has a fine litter by Tom Davis. This is the class of sows that can be found in the Warren herd and from here are sure to develop winners that will be recognized in the best shows in the West. At the present time Mr. Warren has about 100 good pigs on his place, mostly the get of Improver's Model, he by Improver II and having for his dam Garnet, the top sow in the Briggs & Son sale last February. This hog is proving a wonderful breeder, as his get will show that are now on the Warren farm. He is assisted in service by Red Rover, a son of Hambletonian's dam, Rosie Perfection by the great Jumbo's Perfection.

Red Rover was the top pig in the Warren sale last fall and Mr. Warren thought enough of him to purchase a half interest in him to place back at the head of his herd. He is considered by all who have seen him a very prospective show hog and those who visit the state fair this fall will have a chance to see Red Rover, if nothing happens to him. We earnestly recommend Mr. Warren's herd as a good place to put an order for a boar this fall, as he will offer nothing but the very best. Get in line with him and when writing mention this paper. See advertisement on page 18.

### LAMB'S DUROC JERSEYS.

A recent visit to the herd of Duroc Jerseys owned by Mr. Elmer Lamb, of Tecumseh, Neb., found him caring for fifty good spring pigs of the very choicest breeding. Although very young in this business Mr. Lamb is starting with the very best material that money could buy and his good judgment has surely been a great help to him in the many good purchases he has made. At the head of his herd is Purple Quality, a son of the great Crimson Wonder 1 Am, and having for his dam Orion Belle by Dandy Orion by Orion. This pig is one of the most promising youngsters we have looked at this year. He has a wonderful back, good even side lines, a good head and ear and extra good limbs and feet. Mr. Lamb has a full brother to this pig that he will price at a reasonable figure if taken at once. Mr. Lamb has quite a combination of breeding on the farm and we think he will be able to supply the wants of those who are looking for new blood. One of the best litters is by the great Hanley, another by Ambition. Others by such boars as Buddy L. by Buddy K. IV, Crimson Jim, Lincoln Top and Tip Top Notcher J. by the \$5,000 Tip Top Notcher. If you are looking for a well-bred pig and a good individual get your order in with Mr. Lamb and mention The Homestead when writing. See page 18.

### RED POLLS AT PUBLIC AUCTION.

A sale of Red Polled cattle that should interest every breeder of this great breed is that to be held at the farm of Mr. W. H. Lake, near Hampton, Neb., on June 12th. The consigners to this sale are two of Nebraska's veteran breeders, namely, Mr. H. F. Stubbs, Bradshaw, Neb., and Mr. W. H. Lake, Hampton, Neb. Mr. Stubbs is consigning twenty head and among them are some very choice individuals. Most of the cattle included in the Stubbs consignment are the get of the great bull, Sprite's Perfection he by Governor McKinley and having for his dam Sprite's 3d, a great show cow and the dam of three of the greatest show bulls in the Red Polled business. This great bull has a show record that few can boast of and among his produce included are youngsters that look equally as good at this age as did their sire. Mr. Stubbs consigns eight young bulls that are extra good and are in just the best breeding condition, ready to go right into service in good herds. They are very growthy, are of the low-down, beefy type and are all the get of the great herd bull, Sprite's Perfection. It is seldom that one gets a chance to see as uniform a lot of young cattle as Mr. Stubbs will offer in this sale, but when one takes the time to look over the many good matrons that he has got together as his foundation and to use as breeding stock it tells the tale without further question. Mr. W. H. Lake, of Bradshaw, will consign twenty-two head from his well-known herd which are mostly the get of the great bull, North Star, which is too well known among Red Polled breeders to need further mention, as his get are doing service in some of the best-known herds in the business. This great bull is by the Ensign. His dam was Nancy and he was good enough to win first and sweepstakes at the Nebraska State Fair in 1900. He breeds a very uniform type and his get are proving very valuable additions to the many good herds in which they are now in use. Mr. Lake has reserved seven young bulls for this sale which would be a credit to any good herd. It has always been a hobby of Mr. Lake to breed for as much size as possible

along with good quality, and if you will take a good look at the many great beefy cows now on the place it will surely look to you as if this great desire had been accomplished. He is offering eight good cows of which the greater part will have calves at foot by the great breeding bull, North Star. He also offers seven good heifers which will all be safe in calf to this great bull. Taking into consideration that these two breeders are combining in this sale we feel safe in saying that we think there will be few opportunities to buy good cattle of this breed that will equal this one and we earnestly request those in search of this breed to be with them on sale day. We will have more to say of the female end of this offering in our next issue and in the meanwhile it would be well to send for a catalog and get acquainted with the breeding of these cattle. For catalog address Mr. H. F. Stubbs, Bradshaw, Neb., or Mr. W. H. Lake, Hampton, Neb. In writing please mention this paper. See advertisement on page 20.

### SOME SPLENDID FALL BOARS FOR SALE.

On page 18 of this week's Homestead will be found the advertisement of Mr. F. W. McIntyre, of Red Oak, Iowa, one of the well-known Poland China breeders of southern Iowa. Just now he is offering for sale about ten head of fall boars, and they are cracking good ones. They are sired by Red Oak Sunshine 104037, a son of the noted boar, Iowa Sunshine. They are out of daughters of P. W. Perfection, R. O. Perfection, Sanders' Perfection, Proud Corrector and other well-known sires. A representative of The Homestead has seen these boars and can say to Poland China breeders and farmers who are wanting a herd boar that there are some extra good bargains among this bunch. They are big-boned fellows, with good backs and hams and good in head and ear. He is offering the pick of these at \$30 and \$40. The first man who sends an order gets the pick of the bunch. He also offers fifteen good fall sows for sale bred for fall farrow to P. W. Giant, a son of P. W. Perfection, out of a daughter of old Nelson. This boar topped the Fred Rood sale last fall and he was one of the best boars ever sold from the Rood herd. He has done a great work in the McIntyre herd and he has a crop of eighty spring pigs that are the best bunch of Poland China pigs we have seen this season. We will have more to say about these later in the season. Just now it is fall boars and sows that he wants to dispose of. Any of our readers who want a good fall boar can get one by writing to Mr. McIntyre and sending him an order. These are all right. Kindly mention The Homestead when writing.

### THE CHERRY GROVE SHORT-HORN SALE--LAST CALL.

There never has been a time in the breeding business when a good bull was as hard to find as at the present time. Breeders are beginning to realize the importance of a good bull at the head of their herds and the offering from Cherry Grove herd of Short-horns, the property of Mr. Milton E. Jones, of Williamsville, Ill., which will be sold at the farm on Tuesday, June 4th, offers exceptional advantages in the bull line. The herd bull which Mr. Jones has used for the past few seasons is the noted show and breeding bull, Imp. Lord Banff, and a number of his sons are listed in this sale. Lord Banff stands today one of America's greatest bulls, and his get have been widely distributed. Mr. Jones has been using two of his sons in the herd, and were it not for the fact that he has an exceptionally good bull out of the champion cow, Cicely, which he bought at the Tebo Lawn dispersion sale last season, he would not offer them for sale at this time. He has refused to price them at private treaty, preferring to offer them for sale at public auction so that some breeder would be able to secure a herd bull at his own figure. Fire King by Imp. Chamberlain's Heir and out of Imp. Scottish Rose, has been used in the herd with very good success, many of the best cows having been bred to him. He has proven a sure breeder

### Big Immigration to Southwest Texas.

Southwest Texas will grow any crop almost, even to fawn, as shown in the picture. The most profitable crops, however, are alfalfa, corn, cotton, sugar cane, rice, as well as vegetables and fruits of almost every variety. This wonderful district, known as the Coast country, has a very prolific soil. In fact, it surpasses any country now known for profitable farming. Thousands of northern farmers are going into southwest Texas and buying cheap lands. Land here is worth \$100 in less than five years, for it is doubling in price every few months. In fact this land would all have been taken up years ago, but for lack of railroad facilities. The farmer that wants land either to farm or for an investment cannot miss it to buy in this country. It will pay and pay big. A representative of this paper called on the Fidelity Immigration Co., at their Kansas City office, a few days ago. This company controls large bodies of land in the Coast country and is made up of some of the leading bankers and large land owners in southern Texas. The company is sending out literature free to all who will write for it, and the statements they make are correct, as they are financially responsible. Read their advertisement on page 15 of this issue and write Herbert Hurd, V. P. & Gen. Mgr., 1046 Union Ave., Kansas City, Kan., for particulars, mentioning this paper.



Fawn captured by the Seasholm children in Ricefield, near Eagle Lake, Texas.

and would not be sold but for the reason given above. This is an exceptional opportunity to secure a tried bull. Cherry Grove Banff 17th is a red two-year-old bull of strictly show-yard merit. He has been used in the herd and is one of the best bulls of his age that will be sold at auction this season. Another son of Lord Banff that will please those present sale day is Cherry Grove Banff 18th. He is one of the thickest two-year-old bulls the writer has seen. He is a straight Scotch bull, and has been bred to many of the best cows in the herd. The breeder in search of a herd beader will do well to inspect this fellow. He will not be found faulty in any respect. Cherry Grove Banff 29th by Lord Banff and out of Ruby of Fairview is a yearling bull from one of the best cows of the herd, she being both an International and state fair prize winner. Cherry Grove Banff 28th is a yearling bull by Lord Banff and out of Imp. Golden Wellcome 3d, one of the best cows in the sale. Mr. Jones selected this cow from the herd of Mr. Duthie and is only placing her in the sale as an attraction. This bull is good enough individually and in point of breeding to head any herd. There are a number of bulls in the offering sired by Lord Banff, that will suit the breeder and farmer, and the offering throughout is one of the best of the season. Mr. Jones has decided to hold the sale on his farm, and breeders will have an opportunity to see Lord Banff sale day and the breeding matrons which have made this herd noted in Short-horn circles. Those who wish to attend this sale will find it an easy matter. Williamsville is one-half hour's ride from Springfield, one hour from Bloomington, two hours from Peoria, three hours from St. Louis and five hours from Chicago on Chicago & Alton railway. The Interurban line runs cars every one and one-half hours from Springfield to Lincoln, passing through Williamsville. Parties from Peoria can take these cars at Sherman. Interurban cars also connect at Springfield with cars from Decatur and St. Louis. Plan to be present at this noted sale. The cattle will please both in point of individual merit and breeding. Look up the advertisement on page 20 of this issue and write for catalog, kindly mentioning The Homestead.

### SOME GREAT SCOTCH SHORT-HORNS AT AUCTION.

In the last issue of The Homestead attention was directed to a very important sale of Short-horn cattle, the dispersion sale to be made by Mr. H. H. Diers, at Farmersburg, Iowa, June 14th. We refrained purposely heretofore from entering into detail relative to this very superb offering, withholding that privilege for this and our next issue. It seldom occurs that any breeder of Short-horns that has been able to build up such a class of cattle as Mr. Diers is offering, is willing to dispose of them in toto, as is the case in this instance. A representative of this paper has recently spent a day inspecting these cattle and was much surprised at the high character, not only of the individual offering, but of the breeding the catalog contained. His sale catalog is now out and is a choice piece of work from the Bedford Catalog Printery, Bedford, Iowa. It reveals the fact that there are twenty beautifully-bred Scotch females and six Scotch bulls consigned. In this article we shall deal with the female contingent, leaving the mention of the bulls for next week. Lot 2 of the sale catalog is Imp. Sunflower 22d. This is a very choice red cow, possessed of true Scotch type and character, sired by Count Sunbeam. She was imported by I. M. Forbes & Co. and was considered one of the choicest things in that importation. Count Sunbeam was by Count Arthur and out of Scottish Sunshine by the celebrated Scottish Archer. This beautiful cow has been carrying a calf since December 18th to the service of Imp. Great North. While this cow is but seven years old, she has a fine lot of daughters to her credit, among which is Snowdrop, Lot 3 of the catalog, and sired by the 2,200 pound bull, Imp. Avalanche. This is a beautiful red cow, dropped Feb. 6, 1905, and was bred January 15th to Imp. Great North. Another beautiful daughter of this Imp. cow is Sylvia D., also a red heifer sired by Crown Imperial; she was calved Dec. 17, 1905, thus demonstrating the great rapidity of Imp. Sunflower 22d's breeding. Snowdrop having been dropped Feb. 5, 1905 and Sylvia D. Dec. 17, 1905, with the beautiful roan heifer Sweet Dreams by Imp. Gladstone, dropped Nov. 5, 1906. Such cows as Imp. Sunflower 22d are rare, and fortunate indeed will be the buyer of this most beautiful and prolific Scotch cow, whose capabilities will make any breeder possessing her rich in a few years. Another splendid Imp. cow is Imp. Minorka Maid, which has three good daughters in this sale. Minorka Maid was by Crabstone 2d out of Minorka, she by Beau Ideal, and is of this famous Cruickshank Mayflower tribe. Her breeding is all that could be desired from the Cruickshank standpoint and she too was imported by I. M. Forbes & Co. and was bred by Alex. Milne of Scotland. A splendid daughter of hers is listed in Lot 7, Minorka's Gem, a red roan calved Nov. 23, 1902, sired by Imp. Cockrobin. Cockrobin, it will be remembered, is the sire of the show cattle that have been shown by I. M. Forbes & Son for several years and Cockrobin himself was a show bull of no mean proportions. This beautiful young cow was bred Dec. 5th to Imp. Great North. Minorka's Pride is a red cow with her second calf dropped Nov. 28, 1903. Her sire was Imp. Avalanche and her dam Imp. Minorka Maid. She is carrying a calf to the service of Imp. Great North since December 12. Lot 9 of the catalog, Mildred, is a very choice roan heifer calved Nov. 5, 1905, and bred April 6th to Imp. Great North. She is by Imp. Gladstone, hence is a half sister to Minorka's Gem and Minorka's Pride. Lot 10 is Duchess of Center, she is a Duchess of Gloster of the true Cruickshank sort. Her sire was Warrior, he by Starlight and out of Lancaster Queen



# HEREFORDS AT AUCTION

AT SOUTH OMAHA, NEB., JUNE 14, '07, AT SALE PAVILION

**40 CHOICE SELECTED ONES FROM THE WELL KNOWN HERDS 40**

Claus Bros., Bendina, Kan. Ferd Friedly, Verdon, Neb. J. A. Broadfoot, Thayer, Ia. F. J. Beggs, Coin, Ia.  
W. N. Rogers, McCook, Neb. J. G. VonSeggern, Wisner, Neb. R. D. Morrasy, Dorchester, Neb.

Their offering will consist of choice breeding and good individuals. 21 Bulls and 19 Females. There are show bulls in this offering and females that have won in the strongest competition at Nebraska State Fair. A good chance for ranchmen and farmers to secure good bulls, and parties wanting show material will find it in this offering. Remember the date and don't fail to be on hand to get some of the good ones. For catalog, address,

Auctioneers: RAY PAGE  
O. I. PURDY  
T. C. CALLAHAN

**W. N. ROGERS, Mgr., McCook, Neb.**

6th by Commander. This was also the sire of the great bull, Baron Gloster, the best bull ever owned by I. M. Forbes & Co. Her dam was the 29th Duchess of Gloster by the Bellows-hred bull, Scottish King, he by Girdle's Hero, a son of Scotland's Pride and out of Imp. Girdle by Pride of the Isles. Scottish King's dam was the great breeding cow Carrie B., a daughter of Imp. Lord Glamis; the next dam was Duchess of Gloster by Imp. Julius, and she out of Imp. 22d Duchess of Gloster by Barmpton Prince. The next Cruickshank sires are Master of Arts, Royal Oak and Lord Raglan. Thus it will be seen that from a Cruickshank standpoint there is probably no better or more desirable family of Cruickshank cattle than the Duchess of Glosters, they being fully on a par with the Victorias, Lavenders, Brawith Buds and Orange Blossoms. Duchess of Center was bred the middle of December to Imp. Great North. Lots 11, 12 and 13 are of this same family. Lot 11 being a half-sister to Duchess of Center, while Lots 12 and 13 are daughters of hers. Lot 12 being by Imp. Crown Imperial and Lot 13 by Imp. Gladstone. Lot 18 is a very select Duchess of Gloster, red, calved September 28th, by Imp. Crown Imperial and out of Lot 11. She was bred December 7th to Great North. Lot 19 is out of the same cow and is a roan calved Sept. 25, 1906, by Imp. Gladstone. Lot 20 is Mermaid, calved Oct. 20, 1906. She is a rich roan, sired by Imp. Gladstone and out of Imp. Minorka Maid. Maid of Honor is listed as No. 21, and was by Imp. Gladstone and out of Minorka's Gem, she by Imp. Cockrobin. This beautiful yearling heifer was bred May 13th to the red bull, Imp. Great North. Lots 22, 23 and 24 are all Brawith Buds, but trace to the imported cow Imp. Foxglove by Perfection. The next cow above in the pedigree is Cuprose by Imp. Cupbearer; then Golden Rose by Imp. Ducal Crown, then Pride of Meadow Ridge by Scottish King. Lot 22 is out of Pride of Meadow Ridge and is sired by Imp. Prince Oderic. Lots 23 and 24 are out of Lot 22, Pride of Center, No. 23, being by Imp. Crown Imperial, while Lot 24 was by Imp. Gladstone. Center Valley Bud, Lot 22, was bred December 12th and Lot 23, Pride of Center, was bred January 13th, both to Imp. Great North. The remainder of the offering, so far as females are concerned, are descendants largely of the one cow, Imp. Adelaide by Magnum Bonum. As has been before stated, we are dealing at this time with the female contingent, and in our next issue will have something to say of the choicely-bred Scotch bulls to be sold. The Scotch topped Adelades, previously mentioned, are from a standpoint of individual excellence, fully on a par with the Scotch cattle. They have been bred for a number of generations by Mr. Diers or his father, and the same character of bulls have been used on them that have been used in bringing their Scotch herd up to its present proportions. The catalogs are now ready to mail and will be sent on application to Mr. H. H. Diers, at St. Olaf, Iowa. This post-office of St. Olaf should not be confounded with the place at which the cattle will be sold. The sale will take place at Farmersburg, the railway station some three miles from St. Olaf. The sale will begin at one o'clock p. m., sharp, June 14th. Kindly mention The Homestead when writing for catalogs. See the advertisement on page 24 of this issue.

## GO TO TEXAS.

For many years to come farmers will be going to Texas. Why? Because of its possibilities. Farming in Texas has all the possibilities that are offered anywhere. But the question of visiting this grand, promising country is a present one. If you are wise you will not wait for the crowd. When the crowd goes, it means that even fools have been convinced of the good things there are to be found there. A fine tract of some 25,000 acres in fertile Hemphill county on the Atchison, Topeka and Santa Fe Railroad has just been placed on the market. Virgin soil it is, and you are to be the first buyer. Mendota is the new townsite and is situated in the center of this tract which grows all of the leading field and vegetable crops of the south. You may read all about this offer in a booklet, "Mendota Colony Farms," which gives valuable information, prices, situation, crops and particulars of excursions to this land. Write for the booklet today. Address The Colony Farm Homes Association, 21 Exchange Bldg., St. Louis, Mo. See page 15.

## CUTLER'S DISPERSION SHORT-HORN SALE.

On Saturday, June 8th, Mr. W. E. Cutler, Corydon, Iowa, will close out his well-

known "Canna Hill herd" of Short-horn cattle at his farm, near the inland town of New York, ten miles northeast of Corydon, and ten miles south of Charlton, Iowa. This has been one of the best herds in southern Iowa. Of the forty-five head to be sold, fourteen will be bulls. Among these is his splendid two-year-old Cruickshank bull, Baron Victor 250111, a richly-bred Victoria and a bull of outstanding merit. This bull was sired by Victor Knight 177893, a son of the \$1,000 bull, Baron Dudding, and of Cruickshank's noted Violet family. His dam is Victoria of Meadow Farm 4th by the noted Forbes hull, Baron Goldust 3d. He is probably one of the best Cruickshank bulls that will be offered at public sale this season and some enterprising breeder who is looking for a bull to head his herd will not make a mistake if they attend this sale and buy this bull. He is a solid red in color, is good in his lines, a splendid head and horn, and a bull of good length. Besides him there will be about thirteen young bulls, mostly all sired by his former Victoria herd bulls, Victoria Maple and Vallency 2d. These bulls are strong, rugged fellows, and the most of them are ready to do active service. There will be a number of Scotch cows and heifers in the sale of the Victoria, Rosemary and Lavender tribes. One of these, Victoria Funke 7th, is a three-year-old daughter of Golden Champion, formerly at the head of the Ernest Funke herd and now at the head of Mr. Hugh Bates' herd at Orient, Iowa. This young cow was purchased at the Funke sale at a long price and she goes into the sale with a heifer calf at foot by Victor Maple. (This bull, Victor Maple, is now used in the C. A. Saunders herd, and he is a half brother to Golden Lavender that recently sold in the George Bothwell sale for \$995.) There will be a couple of Rosemarys in the sale, one sired by Victor Maple, the other by Pilot, the bull that formerly headed the F. P. Healy herd at Bedford, Iowa. Miss Lavender 2d is a six-year-old daughter of Imp. Fairhaven, bred by Messrs. Benj. Whitliff & Sons, of Preemption, Ill. She also has a heifer calf at foot. There will be a great many of the cows and heifers that will have from two to four Scotch tops on them, and among these are some of the best milkers we have ever seen. There will also be a nice bunch of heifers in the sale, mostly sired by Vallency 2d. This herd is uniformly red in color and is as good a working herd as there is in southern Iowa. To Short-horn men who are seeking bargains we will say come to this sale. Southern Iowa is not noted for any exceptionally high prices, and we know full well that the breeder who buys here will buy worth the money and will get full value for his investment. Any of our best breeders can attend this sale and put money in their pocket by purchasing some of these cattle. Mr. Cutler is doing an unusual thing in this sale. Notwithstanding he is making a dispersion sale, he is standing behind everything that he sells, and everything will be guaranteed, and Mr. Cutler's guarantee is worth 100 cents on the dollar. These cattle are in nice condition, and we urge the readers of this paper to



One of the barns and a group of Scotch Short-horns, at Sinsissippi Farm, of Mr. Frank O. Lowden, Oregon, Ill. Sixty-five head of this sort of Scotch Short-horns will be sold at auction in Chicago, June 11th. Write Mr. F. O. Lowden for sale catalog.

## TOO LATE TO CLASSIFY.

### 10 SPLENDID FALL POLAND CHINA BOARS FOR SALE

I AM offering 10 of the tops, the best I have ever raised. These are big boned fellows, are sired by Red Oak Sunshine 104637, and are out of my best sows. I am also offering 10 fall sows for sale, bred to my noted boar P. W. Giant. I am offering the choice of these boars for \$30 and \$40. Address F. W. McIntyre, Red Oak, Iowa.

### FALL BOARS AND YEARLING BULLS FOR SALE

I HAVE a number of good Duroc Jersey fall boars by Shamrock 20473 and out of a daughter of Gold Dust Jim and a granddaughter of Higgins' Model. They are very growthy, weighing 280 lbs. at 8 months old. I will also sell my herd boar Sensation Jr. I. Am 42683, a two year old son of the great Sensation Jr. 22481. I also have some extra good Short-horn and Hereford bulls that I will price right if taken at once. Write me for prices and mention this paper. W. G. UNITT, Bell Phone 133, SEWARD, NEB.

### Walnut Grove Herd Duroc Jerseys

HOME of the \$1,675 Rose Bud Lady with her litter by Medoc, a son of the \$8,000 Kant Be Bear. The \$600. Garnett with her litter by Improver 11. Many others of choicest breeding and individuality. Look me up at the Nebraska State Fair. Nothing priced at present.

H. G. WARREN.

INLAND, NEB.

attend his sale. Write Mr. W. E. Cutler, of Corydon, Iowa, for catalog and kindly mention this paper. See display advertisement on page 24.

### HARDING AND HIS OHIO CHIEFS.

The name of Ohio Chief, today recognized as one of the greatest living Duroc Jersey boars; Nebraska Belle, the undefeated sweepstakes sow, and one of the most noted brood sows living; Proud Lady, the sow that cost \$1,275, and others almost equally noted, are inseparably connected with the name of Mr. R. J. Harding, of Macedonia, Iowa. Few Duroc Jersey breeders of recent times have risen more rapidly than Mr. R. J. Harding, and it has all been brought about by his buying high-class material for foundation stock. Good judgment has marked his buying, until today his herd is looked upon by the entire Duroc Jersey breeding fraternity as one of the most noted in the land. His earlier selections were of the best, but his first noted purchase was when he stood at the ring side of Mr. Smith Brown's sale a few years ago and bought the undefeated sweepstakes sow, Nebraska Belle, at the then unheard of price of \$600. This old matron has made Mr. Smith Brown a reputation and had put him in the forefront as a breeder. She was destined to do the same for Mr. Harding, and has been one of the most profitable brood sows he has ever owned. He next formed a company and they purchased the boar, Ohio Chief, that stands today as one of the greatest living representatives of the breed. As a show boar he won first at the World's Fair and several noted state fairs, but it is as a sire that he is destined to make his greatest reputation. His get have always been in great demand and it was one of his daughters that sold for \$2,000 in the Sam Murphy sale at Savannah, Mo., last winter, making her the highest-priced Duroc Jersey gilt ever sold. His next purchase was Proud Lady, for which he paid in cold cash the sum of \$1,275, breaking the record at that time for a Duroc Jersey gilt. Mr. Harding has sold from her two litters \$1,850 worth of boars and gilts and

### Lawndale Short-horns

SCOTCH and Scotch topped, the best families represented. Imp. Augustina 51st, Victorias, Emmas, Orange Blossoms and Alexandrias, Young Marys. Scotch bulls old enough for service all sold. Some extra Scotch topped bulls for sale, will weigh about 1,000 pounds at year old, sired by the good Scotch bull, Victor Royal 216553. Will be sold right to make room for the young calves. Address

George A. Bonewell,

Grinnell, Iowa

### NORTON'S Cruickshank Herd Headers

I HAVE two excellent Duchess of Gloster bulls, a very choice Barmpton Rose, a Rosemary and several others, sired by Imp. Bampton Admiral and Banker's Victor. I also have some Secrets, Lavenders and Charity tribes. Come and see me.

C. C. NORTON,

CORNING, IA.

### TO EXCHANGE FOR LAND

ONE Imp. German Coach stallion 7 years old and sound. Also one Percheron stallion 5 years old and sound, weighing over a ton, for a good piece of land in eastern N. or S. Dakota. These horses are absolutely all right and sure breeders. Address Harry Tucker, Zoller Bldg., room 5, Box 603, Mason City, Ia.

### Smith Brown's Duroc Jerseys

THE home of the winners, 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address, SMITH BROWN - Waterloo, Neb.

### LAMB'S DUROC JERSEYS.

HERD headed by Purple Quality, a son of Crimson Wonder I Am, dam Orion Belle. I have a full brother to him for sale. A fine bunch of spring pigs on hand by the most prominent sires. Litters by Hanley, Ambition, Bully L. by Buddy K. 4th. Book your order early. Elmer Lamb, Tecumseh, Neb.

### Village Stock Farm, Carlinville, Ill.

HAS a few October boars. Will also take orders for spring pigs. Write your wants.

Comer & Gilliland, Carlinville, Ill.

### STEERS FOR SALE

286 HEAD well-bred steers, the low-down, blocky kind, dehorned; weight 600 to 1,150 lbs. Must be sold at once. Call on or write

H. I. BALL, FAIRFIELD, IOWA

### MARES WANTED

WANT 10 registered Percheron mares in foal; ages from 3 to 8 years and sound. Weight from 1,500 lbs. to 1,900 lbs. Give lowest cash price. Address H. Tucker, Box 603, Mason City, Iowa.

### TOP CHIEF 52177

HEADS my herd, assisted by Perfection Again 52179. I am offering a good yearling boar for sale. Address S. L. Hopper, Neola, Iowa.

he has two of her best left in the herd. These will be seen in his show herd this fall. One of these is Proud Chief by Ohio Chief, and Mr. Harding considers him the best pig he has ever raised, and he is a good one from end to end. He has 125 spring and twenty-five fall and winter pigs now on hand. These are sired by Ohio Chief, Brighton Wonder, R. J.'s Proud Orion and Keep On Protection, a boar that is proving an



# Dispersion Sale of the Entire Herd of Aberdeen Angus Cattle

Belonging to H. A. Cole at Iowa State Fair Grounds, Des Moines, Iowa, June 18, 1907.

THERE will be 65 head in the sale. Among these will be 18 bulls, including my herd bull Imp. Electrician, a richly bred Erica bull, weighing 2,200 lbs. The rest will be two-year-old bulls. There will be 47 head of cows and heifers in the sale, 15 of which will have calf at foot. Among these are several Imported Cows of the Pride, Queen Mother and Drumin Lucy families. There is also an excellent representation of Ericas, Blackbirds, Barbaras, Heatherblooms, Easter Tulloch, Duchess, Georgians, Kinochtry Blue Bells, Rose of Sken and Lady Fern families. There never was a better opportunity offered to buy good Angus cattle, as we only bought the best for foundation stock. There will be a splendid lot of young heifers in the sale and some excellent young bulls. A change in business and having sold my farm necessitates my disposing of the herd. If you want to buy Angus cattle here will be the greatest opportunity of the year to buy right. Write me for catalog at once. Address,

COLS. F. M. WOODS AND CO AUCTIONEERS.

H. A. COLE, 3211 S. WESTERN AVE., CHICAGO, ILL.



excellent breeder in the Harding herd. He also has litters by Perfection Chief and Kruger Lad. His Ohio Chief litters are out of the following sows: Hoffman's Pride, a granddaughter of Tolstoy, saved four good gilts; Improver Lady, by Improver II, has seven; Harding's Beauty, a daughter of King Perfection, has ten; Crimson Queen, a Tolstoy sow out of a King Perfection dam, has eight; Fancy Belle by Red Chief I Am out of Nebraska Belle, has eight; L. H.'s Choice by King Perfection has nine, and Nebraska Belle has five, all by Ohio Chief. Old Belle did not suckle her pigs this year,

are great prospects and should fall to herds where they will be given every opportunity. The years spent by Mr. E. K. Thomas, of Paris, Ky., the senior member of the firm, in founding this herd and the thirty or more years of improving it, should add to the value of each and every animal that passes through the ring. Mr. S. D. Mitchell, the junior member of the firm, shares with Mr. Thomas the later laurels won by their cattle, as he has been actively managing the herd for some years and no one regrets more than he that the cattle must be scattered. Of the fifty head sold the two herd bulls,

is a wonderfully well-developed cow, showing a magnificent front, is smooth over shoulders, covers well over back and loin and is set on legs of the proper length. She was got by Blood Royal, a Princess Royal bull that won as a calf at the International, and was out of Rose of Strathendrick by Imp. Sittytton Stamp. Her second dam was by Imp. Vice Consul. Then follow an unbroken line of Cruickshank sires for several generations. Another valuable breeding cow is Imp. Bessie 51st, dam of White Goods. She was got by Sittytton Pride and out of Bessie 33d by Athasca; second dam, Bessie 21st by Cherub 4th; third dam, Bessie 14th by Heir of Englishman. Bessie 51st is well along in calf to Orange Viscount and should find an appreciative buyer, as brood cows of her equal are rarely exposed at public treaty. Lavender Bud, a Canadian-bred cow got by Oswald, and out of Lavender Blossom by Victor Hugo, is another of the valuable breeding cows of the herd, as is proven by her two-year-old daughter, Lavender Bud 2d, got by Orange Viscount. Lavender Bud 2d was the junior show heifer last year and has made great improvement within the year. Another show heifer is Victoria Queen 4th, picked by Mr. Mitchell for this year's show. She was got by Orange Viscount and out of Victoria Queen by William's Cruickshank. Then follow such sires as Grand Master, Lord of Linwood, Earl Marshal, Favorite, Roan Gauntlet, etc. The Brawley and cow, Gratitude 2d, with roan bull calf at foot by White Goods, should please some critical buyers. She was got by Scottish Prince and out of a full sister to Lavender Viscount, sire of Orange Viscount. A clipper, Cowslip's Pride and roan heifer calf at foot by White Goods will be found a desirable pair to buy. Cowslip's Pride was got by Lavender Viscount and out of a daughter of Imp. Patriot. Other desirable things among the Scotch sorts will be found and the twelve daughters of Orange Viscount will be found great things from which to select. The Barrister Young Marys cannot be appreciated until seen. Every cow or heifer of breeding age is bred to one of the herd bulls, Orange Viscount or White Goods, unless it be a heifer or two held open for show purposes. Catalogs with illustrations of many of the animals that sell and full information are being mailed to all who make inquiry for sale. See page 22 for advertisement and when making inquiry for catalogs kindly mention this paper.

in America, Canada and from foreign countries when he was shown on two occasions at the International at Chicago, will be sent through the ring. In our last issue we made some effort to give the reason for the sale of this bull, but for fear that we were not clearly understood, we again repeat that after this sale the cattle left at Sinnissippi will be the old and unsalable matrons, or some young calves, and as Ceremonious Archer, the other herd bull, is not as youthful and salable as Cumberland's Last, he will be retained as lord of the harem. Cumberland's Last needs no introduction nor encomiums from us, as his history made by intrinsic worth and merit speaks for itself. We will say, however, that this great bull never looked so thick and massive and bore the mark of the great Short-horn bull that he is, more forcibly than at this time. He has made great growth and is in the pink of condition for the sale. His breeding is all that can be desired by the most critical. We shall not enter into the detail concerning his pedigree at this time, as the catalog fully explains that. Second to Cumberland's Last, among the four bulls to be sold in this sale, is Lavender Archer 242432. He is a son of Ceremonious Archer, a beautiful, rich roan, two years old January 4th. His dam was the splendid-bred Lavender cow, Lavinia 2d. She was sired by the Campbell Mina bull, Martinette, and he by Imp. Northern Light. Lavinia's second dam was the imported Lavender cow, Imp. Lavinia by First Choice. First Choice was a roan bull bred by Mr. Sylvester Campbell, sired by Gravesend, and belongs to the famous Scotch Claret tribe. The breeding of Lavender Archer is without a flaw and he is one of the most desirable families in the old Sittytton herd. Individually this bull is an exceptional animal. He has a splendid head and horn, great length of body and will unquestionably make a star herd bull for some critical judge. Already at private treaty \$1,100 has been refused for this bull, Mr. Lowden preferring to hold him for this sale without regard to what he may bring at auction. Another bull that will certainly command attention is one of the herd bulls that has been used in conjunction with Ceremonious Archer and Cumberland's Last. We refer to the thick roan son of White Hall Sultan, Gladstone. This bull belongs to the Campbell Mina tribe, as bred by Sylvester Campbell, but is founded on the same identical cow, Mary Ann of Sillery, on which Mr. Cruickshank founded his Bashful or Crocus family. This thick bull, Gladstone, has a wonderful back and loin and has every indication of being a great sire, as he is possessed of much masculine character, being very vigorous, robust and rotund looking. Certainly his breeding could scarcely be improved upon, and being sired by White Hall Sultan, the great show bull whose sons are in such active demand, that his owner cannot supply the orders, should certainly not go begging in this sale. He is a rich roan, not quite three years old, on sale day. Nevertheless he has been used and proven satisfactory in every way. The remaining sale bull of the four offered is Sinnissippi Nonpareil. This bull was sired by Imp. Nonpareil and out of Imp. Missa Dorothy, she by Prince of the Vale. Her dam was Lady Dorothy Fox by the Duthie-bred bull, Scottish Victor, a son of Scottish Archer, out of Sittytton Victoria by Gondolier. This is a splendid type of Scotch bull, a rich roan, calved January 3, 1906. This Dorothy family is founded on Mary Ann of Sillery, the same as Gladstone, the top of the pedigree being different. We wish to say to Homestead readers that it seldom occurs, if ever, in any sale, that four as good bulls pass under the auctioneer's hammer as will be the case in this sale. It would seem useless to take the time and space for a more extended description of these bulls. It is



WHITE GOODS  
234975

White Goods, the subject of the accompanying illustration, was got by the champion, White Goods, and out of the Marr Bessie cow, Imp. Bessie 51st, she by Sittytton Pride. In 1905 and 1906 White Goods was seen at all the leading western shows. As a yearling he made an enviable record. As a two-year-old he was a stronger factor, winning first in several shows and standing well up in others. In his three-year-old form he shows a greater improvement than was made from calfhood to yearling or from yearling to two-year-old. If shown at the coming fall shows he will be a factor to be reckoned with in the aged bull class. As a sire he is fulfilling the highest expectations of Messrs. Thomas, Jameson & Mitchell, of Allen, Kan., who on June 13th make a partial dispersion of their herd of Short-horns. White Goods sells, and it is hoped to an appreciative buyer who will carry him on and let him gain the laurels justly due him. See page 22 for sale advertising.

owing to lack of milk, and Mr. Harding had to take them away and put them on another sow, but they will come on all right by fall. Proud Belle by Proud Advance has eleven good pigs by Ohio Chief II.; R. J.'s Pride has a nice litter by Keep On, and Our Model by Lafollette out of S. F.'s Model 8th has one of the good litters on the place. Ohio Belle by Ohio Chief has one of the most fancy litters by Ohio Chief, making them line-bred Ohio Chiefs on both sides. He also has a daughter of Crimson Wonder I Am with a nice litter by Kruger Lad. He has just three good fall Ohio Chief boars on the place now, and he is not caring to sell any of them. One is out of Proud Lady, that he intends to show; another is out of Harding's Beauty by King Perfection, and he is a toppy, fancy, well-lined pig, excellent in color and full of quality. The other is out of one of his good sows and will make a good boar later on. He has some winter pigs, but he is not caring to price these just now. By fair time they will be all right. He is breeding Nebraska Belle back to Ohio Chief for fall litter and he is also breeding the Iowa State Fair sweepstakes sow, Royal Blossom 5th, and Minnie Watson. These last two sows belong to outside parties and are two of the best sows in the West. Litters from these by Ohio Chief will be worth something. Mr. Harding will be out to the fairs this fall with a nice show herd and has several good things that will be a credit to his herd. His advertisement will be found in these columns later in the season when he will have something to say about what he has for sale.

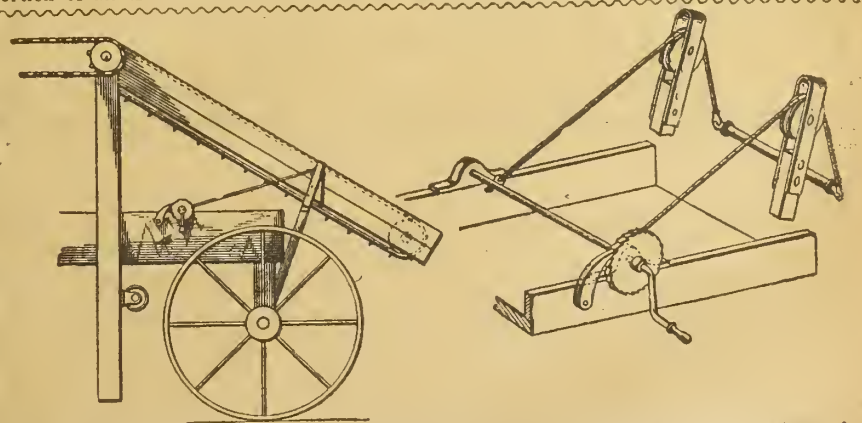
## MORE OF THE THOMAS, JAMESON & MITCHELL SHORT-HORN SALE.

It is only in dispersion sales, such as that of the greater part of the herd of Short-horns owned by the firm of Thomas, Jameson & Mitchell, of Allen, Kan., that buyers get a chance at stock that is ordinarily held above price and that would not under any circumstances be sold except that this firm must settle all partnership affairs. The sale is to be held at Kansas City, Mo., in the fine stock pavilion, on June 13th, and not in recent years, if ever, has there been offered a like number of cattle as well bred and of as great individual merit. There is not an animal in the sale but whose pedigree, or individuality, will bear the most careful inspection. Only in the Tebo Lawn sale last June were there more show animals offered than will go in this sale. Some of these have been winners and should be carried on for the coming shows. Others

Orange Viscount and White Goods, both show bulls of great merit, and breeding bulls second to none, should attract attention of the entire breeding fraternity in America. Their past records are such that mention here is unnecessary. Orange Viscount should go where a great sire of thick-fleshed, low-down cattle is needed. White Goods should be carried on for the coming shows, as he bids fair to make all kinds of trouble in the class for three-year-olds and over. As a breeding bull he is in a class with the absolute high-class sires of America. In the female section of the offering there will be found probably more absolutely high-class females than have been sold in recent times—breeding and individual excellence considered. Not one for which the slightest apology is necessary is listed, and if breeders are hunting either high-class breeding matrons or show cattle a better place to buy cannot be found. Selecting the best from the forty-five females will be no easy task. Thirty are either pure Cruickshank or Scotch, the balance being the Barrister Young Marys. Among the most valuable of the Cruickshank sorts is Duchess of Gloster 45th, with bull calf at foot by White Goods. She was got by Symmetry, one of the best sons of Barbister, and was out of 41st Duchess of Gloster by Imp. King James; second dam, 37th Duchess of Gloster by Imp. Indian Chief; third dam, Imp. 34th Duchess of Gloster by Dunblane. She is probably as valuable a brood cow as goes in any sale this year and is herself a desirable individual, being an evenly-built cow with good lines and a most desirable head. Her daughter, 47th Duchess of Gloster, a two-year-old show heifer, is undoubtedly the greatest heifer to sell in the West this year. Last year she stood first and second at each of the leading shows and had the distinction of beating every heifer that had at any time been placed over her. She shows the value of her dam, Duchess of Gloster 45th, as a brood cow, and if carried on will make the strongest show of her life this fall. The Secret cow, Sunbeam, and roan bull calf by White Goods, will be found one of the double-decker sort, massive and smooth, with a wonderful back, deep through the heart and a cow that impresses one as being the type to tie to. Her calf is a great herd bull prospect. She was got by Scottish Prince and out of Sunflower 3d by Baron Lavender 3d; second dam, Imp. Sunbeam by Royal Violet. Rose of Strathleven, with red heifer calf at foot of the sale, as a more promising three-year-old cow that should be carried on for the 1908 shows would be hard to find. She

## SHORT-HORNS FROM SINNISSIPPI FARM.

As was announced in last issue, Col. Frank O. Lowden, of Oregon, Ill., will sell at the new pavilion in Chicago, on June 11th, the choicest lot of Scotch Short-horn cattle (numbers considered) that has ever passed through a sale ring in America. The Homestead is not unmindful of the fact that many great Short-horn cattle have been sold in America in the auction ring during the past twenty-odd years and that this country has been reaping the benefit of the north country cattle. Yet the writer has been familiar with practically all the important sales since the Scotch Short-horns were first used extensively in America, and he can say unhesitatingly that he cannot call to mind any offering of strictly high-class Scotch Short-horns, the cream of Aberdeenshire and America, that compare with the Sinnissippi offering to be sold as above stated. It is needless to enter into more detail at this time concerning why Colonel Lowden is letting go of the choicest matrons at Sinnissippi. The fact is, nevertheless, that the cream of this great breeding establishment will be offered at auction to the highest bidder without any apology. As has been stated, Mr. Thos. Stanton, superintendent for Mr. Lowden, has topped the major portion of all the best and choicest offerings



The above illustration represents an attachment for the adjusting of the feeders of corn shellers, manufactured by C. E. Armstrong, Lewis, Iowa. Those who have operated shellers have long felt the want of something whereby they could raise and lower the feeder at will. For a sheller to shell fast the feeder must be the right height. With this attachment you can raise or lower the feeder with the aid of a crank, and it is all done in a minute. This attachment can be readily adjusted to all kinds of shellers, is very simple in construction and easily operated. Write to Mr. Armstrong for prices and further particulars.

in America during the past three years. It is also true that Mr. Lowden was compelled to part with a good stiff sum of money in order to secure a herd of Short-horns of this high character. We find the bulls occupy the first position in the new sale catalog, being only four in number. Some will doubtless wonder why Cumberland's Last, the great white show bull that has provoked favorable comment from the best breeders

sufficient, however, to say that they must be seen to be fully appreciated. Of the many great matrons to be sold we must say they are a distinguished lot. In reviewing the offering the writer asked Superintendent Stanton how he had cataloged the offering, and if he had put in ten or a dozen of the best cows in the forefront of the catalog. Said he, "If you can tell me which are the best ten or twenty of the sixty-one females



# THE LORD BANFF SALE

WILLIAMSVILLE, ILL., TUESDAY, JUNE 4.

60 Scotch-Bred Short-horns 60



You will notice this sale is unique in character inasmuch as the great show and breeding bull, Imp. LORD BANFF, is connected in some way with almost every lot. This warrants me in calling this a strictly Lord Banff sale. You know what Lord Banff blood is worth to your herd and there will be sixty head in this sale. You certainly cannot afford to lose this opportunity to secure some of this breeding. I would suggest that you watch the advertisement of this sale from week to week, as it will contain much of interest to you.

**Cattle** here for Farmers who want to buy the best at reasonable prices to improve their stock; cattle not loaded down with fat.

**Cattle** suitable for Short-horn Breeders who want the best. Sale includes both Imported and home-bred Scotch Cattle.

**MILTON E. JONES**

Address after May 10, for catalog or other information,  
HENRY DODGE, Secretary, Box 68, Williamsville, Ill.

WOODS, JONES, BELLOWES AND MERRIMAN, AUCTIONEERS.

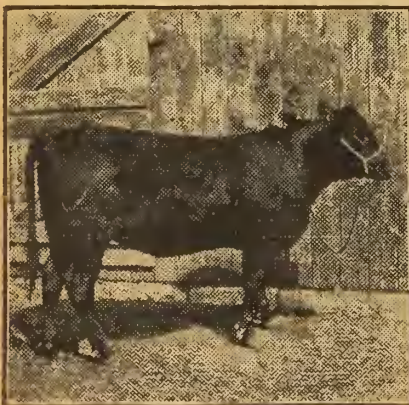
## GREAT COMBINATION SALE OF

# RED POLLED CATTLE

To be held at the W. H. Lake farm  
Hampton, Neb., June 12, 1907

42 HEAD

OF RICHLY BRED RED POLLS CONSIGNED  
BY TWO OF NEBRASKA'S OLDEST BREEDERS



**AMONG** them are young bulls good enough to head the best of herds. The cows and heifers are the best selections from our herds and those not with calf at foot are bred and safe in calf to as good bulls as are known to this great breed. Write for catalog and arrange to be with us at the sale.

CALLAHAN, AUCT.

W. H. LAKE,  
Hampton, Neb.

H. F. STUBBS,  
Bradshaw, Neb.

## POLLED DURHAM CATTLE.

# Botna Valley Herd Double Standard Polled Durhams

BULLS all sold large enough for service. Oct. 30 we will sell forty heifers and fifteen bulls, as good a lot of Polled Durhams as ever went through a sale ring. Forty head of them sired by Marshal of Orange, one of the good polled bulls. James Wilson & Sons, Avoca, Iowa.

to be sold, I would then be able to catalog according as you have asked." This led us to consider that there was a great deal of force to this question, as it would certainly take a very superior awarding committee to make the distinction of the twenty or twenty-five best cattle in this offering. For this reason we do not deem it essential or possible to individualize on any of these females without doing an apparent injustice to those not mentioned. The student of Scotch pedigree will find rich reflection and instruction by studying the sale catalog. The best of the life work of Cruickshank, Duthie, Marr and the best breeders of Scotch cattle in America is represented within the pages of this sale catalog. The so-called plain cattle, both individually and in breeding, are entirely missing. When we say that there are plenty of cows in this sale closely approaching the type of Princess Alice, Gwendoline, Miss Ramsden 9th and 11th, Lady Emma, Imp. Lavender 34th and many other celebrities of the earlier importations

of Cruickshank cattle, the old-time lovers of Scotch cattle will fully appreciate the high character and quality of the Sinissippi offering. We make the above statement unqualifiedly and without fear of successful contradiction. To make this offering doubly valuable, nothing is contributed but what has calves at foot or is bred to one of the great herd bulls at Sinissippi. What would make a more attractive purchase than one or more of these great Scotch matrons with calf at foot or bred to Cumberland's Last or Ceremonious Archer, two of the best among latter-day American-bred Scotch Short-horn bulls? The sale will be held at Chicago, for the reason of convenience, and we trust that every reader of this article will apply to Mr. Frank O. Lowden, of Oregon, Ill., for the sale catalog. It is nicely illustrated and is a volume of rich information that should be in the hands of every lover of Short-horns. It will be sent free to all who say they saw this article in The Homestead. See page 24.

## HEREFORD CATTLE.



BEAU BRUMMEL.

## 8 Young Bulls for Sale

from 6 to 14 months old, sired by

**BEAU BRUMMEL 4TH**

Also a few cows and yearling heifers for sale. Popular prices for high-class stock. Address

**G. W. WAY & SON,**  
New Sharon, - - - - Iowa

Cull at Way's Hardware Store for free conveyance to the farm.

# BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

**John Secor, - Mechanicsville, Iowa**

## TWENTY-FIVE

**Beau Donald Bulls** Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Minson, Cadillac, Archibald and Hesiod cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once.

**A. SPOONER,**

**MONDAMIN, IA.**

**KATER & SMITH,** ST. ELMO 13th 72074, KEEP ON 23d 125151 AND  
Grant City, Mo. TROT ON 181064 HEAD HEIRD.

**BREEDERS OF HEREFORDS** 20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr. A finer string of range bulls cannot be found. Some herd bull material will be found among these. Come and see them as they are right every way. Visitors met at Grant City on C., B. & Q., or Sheridan on C. G. W.

## YOUNG HEREFORD BULLS FOR SALE

**R**ANGING in age from 6 to 20 months, all bred in the best blood of Anxiety 4th, and out of daughters and granddaughters of Beau Brummel, Dale 3d and other noted bulls. We will also sell a few choice heifers, bred to St. Elmo of Shadeland 17th, weight 2,280 pounds. Write or come and see us. Address,

**HOOD & BAKER,**

**DUNLAP, IOWA.**

## Table Backed Herefords

**THIRTY-THREE** bulls from 12 to 23 months old. Five of them are herd headers. Prices about half what you would have to pay for the same individuality and breeding from others. Try me. **W. W. Wheeler, Box 11, Hartan, Ia.**

## MAPLE LAWN HEREFORDS

**F**ORT sale, (Imp.) Islam 145736, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals. **A. F. HAGER, AVOCA, IOWA.**

## 40 Choice Hereford Bulls 40 Choice Bred Heifers

**R**ANGING in age from twelve months to two years. All sired by prize-winners. **EDMONDS, SHADE & CO., Kingsley, Iowa**

**20** HEAD of reg. Hereford cows and heifers with calf at foot by Doncaster 102334, a son of Lamp-lighter, very cheap. **Frank Festl, Nora Springs, Ia.**

When writing to advertisers please mention this paper.

## RED POLLED CATTLE.

### Thoroughbred Red Polls for Sale.

**OVER** 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, **W. H. Seaman, Rural Route No. 5, Carl II, Van Evert, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.**

### THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

**P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa** Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

### HEDGE LANE HERD OF RED POLLED CATTLE.

**I** HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once. **OTH O BOYD, Virginia, Neb.**

## RED POLLED CATTLE.

**Joseph Kestel. John Schrotberger.**

### Red Polled Cattle

**E**ITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. **Kestel & Schrotberger, New Lenox, Ill., or Gardiner, Ill.**

**ST**ADY Lane herd of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, **G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. I. & P. Railways.**

## ABERDEEN ANGUS CATTLE.

**P**LEASANT HILL ANGUS. SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride Bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners. **J. Nissen, Meservey, Cerro Gordo Co., Iowa**

## JERSEY CATTLE.

**JERSEY CATTLE.** **EMANON** was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers. **HUNTER & SMITH, BEATRICE, NEB.**

## POLAND CHINA HOGS.

# MEDDLER FALL BOARS

AT BARGAIN PRICES

**OUT** of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. **MUST BE SOLD** to make room for show herd and spring pigs now on hand.

**H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA**

Mention The Homestead.

## TWO YEARLING MEDDLER BOARS

**F**OR SALE. Sired by the great sweepstakes wonder Meddler 99999. Also one by Perfection I Know 33192, and a few fall boars sired by our Dude's Wonder 42564 and Happy Medium 31334. Also booking orders for spring pigs sired by our great herd boar **L. & W. Perfection and Independence 3d, Dude's Wonder and Perfection L. & W.** Address, **WM. RAY & SON, DEFIANCE, IOWA.**

## HORNUNG'S BIG BONED POLAND CHINAS

**I** HAVE 75 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd headers. I will book your order for a good one at once if you want your pick. Nothing but the very best will be shipped. Write me and mention The Homestead. **ERNEST HORNUNG, RAYMOND, NEB.**

## POLAND CHINA FALL BOARS FOR SALE

**I** HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd headers. I will also offer my herd boar **Neb. E. L.** he by **Perfection E. L.** He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead. **E. F. Jackson, Raymond, Neb.**



## POLAND CHINA HOGS.

## POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, **J. L. SLICK, LANARK, ILL.** Twenty years a breeder.

**HIG-BONED PROLIFIC POLAND CHINAS** I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me book your order for a good pig. **H. L. McKelvie, Fairfield, Neb.**

**STANDARD HERD of Poland Chinas.** I have a fine bunch of pigs on hand at present, mostly the set of my herd boar, Dude's Wonder, he by the great Nemo 1/2 Dude. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. **John Schmal, Sutton, Neb.**

## WILCOX HAS BRED SOWS FOR SALE.

**M. R. Gerald Wilcox** of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, **GEO. B. PATCH, Blandinsville, Illinois.**

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to heat. A big-boned young hog good enough to head a good herd. **O'Brien Bros., Waukon, Iowa.**

**FALL BOARS FOR SALE** Ready for service, weighing 200 lbs. or better, farrowed September 1906, sired by Enough Perfection 100205 and Preamble 100203. All out of mature sows. These are the kind you are looking for. Write for prices. Shipped on approval. **L. S. Fisher & Sons, Edgewood, Iowa.**

## GALLOWAY CATTLE.

## WE HAVE

## 5 Young Galloway Bulls

**EXTRA GOOD, RECORDED.** Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks, cockerel or pullet mating, \$2.00 per 15. **W. W. SCHOLES, ONAWA, IOWA**

## CHESTER WHITE HOGS.

## 100 CHESTER WHITE March Pigs and More Coming

SHTED by such noted boars as Pioneer, Neponset Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

**E. L. NAGLE & SON, Deep River, Iowa**

## James Fisher, Eastman, Wisconsin.



Write for Prices and Catalog.

**J. J. LEHR, Ransom, Ill.** is offering 6 Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. It. eggs, \$1.50 per 15. Mention Homestead.

**HOME OF THE BIG WHITE HOG.** 85 SPRING pigs on hand to supply the season's trade. I am booking orders for spring pigs sired by Teddy R., 1st prize hog in class at Nebraska State Fair. I breed for size and quality. Write me your wants and mention The Homestead. **F. C. Tatro, Geneva, Nebraska.**

**Iowa Herd Chester White Swine** SOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best.

**GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa**

**IMPROVED CHESTER WHITE SWINE.** AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 18223, a grandson of Laverne King 12757, heads the herd. Address, **John H. Krehbiel, Donnellson, Iowa**

**CAMERON HERD O. I. C'S.** 150 HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L. 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock. **W. B. Porter, Cameron, Mo.**

**CHESTER WHITES** 100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Aug. and Sept. gilts; very growthy and to farrow in August. Prices reasonable. **MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.**

**I PAY EXPRESS** charges, and ship C. O. D. **CHOICE CHESTER WHITE PIGS**, either sex or skin **B. M. BOYER, Farmington, Van Buren Co., Iowa**

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, **J. T. Scarff, Salem, Iowa.**

## CHESTER WHITE HOGS.

## MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices. **ERNEST L. MEAR, NEPONSET, ILLINOIS.**

## BLUFF ROAD CHESTER WHITES

I AM offering for sale at reasonable prices The Winner 13785, an Illinois State Fair winner, and Perfection 16419, two of my herd boars. 15 fall and winter boars at prices that will move them. Am booking orders for spring pigs from prize winning ancestry. Write for particulars. **D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.**

## MODELER 13235

The sensational record breaker of 1906 at head of herd.

**FOR SALE.** Ten choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. & Sept. farrow. Ten extra good fall boars litter mated to above gilts, guaranteed as represented. Illustrated catalog free. **W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA.**



**STRONG LOT OF CHESTER WHITES & O. I. C. HOGS.** We have one of the best lots of pigs ever raised by our firm. We are making good prices on the set of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All boars are eligible to record in the O. I. C. Association. Write for our prices on the set of Col. Cody, Crescent King, Kelsner Fisher Live Stock Co., P. O. BOX X, HASTINGS, NEB.

## DUROC JERSEY HOGS.

**FARMERS' HEADQUARTERS FOR GOOD DUROCS.** "MAPLE LAWN," Duroc-Jerseys are giving satisfaction in 23 states and territories. Herd established in 1883. Two fall boars of head leading quality, and a splendid bunch of March pigs now ready for shipment. Buy now, get the best, and save express. Prices reasonable. Satisfaction guaranteed. Send for a free copy of THE DUROC JERSEY BREEDERS' POCKET MANUAL, (copyrighted). Publisher's price, 25 cents. Address, **C. H. SEARLE & SONS, R. F. D. 4, EDGAR, NEBRASKA.**

## DUROCS DUROCS DUROCS

OWNED by W. H. Haith, Vesta, Neb. Herd headed by Ed's Improver 43637, one of the greatest living sons of Improver II 13365. 125 good pigs on hand from most fashionable strains. Am booking orders for spring pigs. Write me for prices. Inspection invited. Mention Homestead when writing.

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come **WATT & FOUST, CEDARVILLE and XENIA OHIO**

## BUDDY K. IV HIGHEST PRICED DUROC BOAR

...EVER SOLD AT AUCTION.... **HANLEY**, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices. **MCNEIL BROTHERS, BOWEN, ILL.**

## AMERICA'S GREATEST DUROC HERD

Owned by **S. E. MORTON & CO., CAMDEN, OHIO.** We are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

## TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address, **FAGAN, BROWNING & MCABE, HERSMAN, ILL.**

## GOLDEN HERD DUROC JERSEYS.

HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good. **L. E. Thomas, Golden, Illinois. R. E. Hogsett, La Prairie, Illinois.**

## PENNYRILE HERD OF DUROCS.

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address, **AMOS W. HARRIS & SONS, WAVERLY, KY.**

## THREE SPLENDID FALL BOARS

Sired by I Am a Wander, a son of the sweepstakes boar Crimson Wonder I Am, and out of the \$1500 sow Ruberta. Come and see these if you want a herd header. Address, **F. E. Garrett, Lohrville, Iowa.**

## CRIMSON WONDER I AM 34697 HEADS THE AMERICAN HERD.

12 CHOICE gilts sired by him and bred to American Lad for sale at \$35 to \$50 each. Write today and mention Homestead. **U. G. DAVIDSON, MANSON, IOWA.**

**DUROC FALL BOARS** THEY are good ones, got by Perfection Chief 23367, and Choice Goods 43367, a litter brother to W. L. A's Choice Goods. Write me if you want something good at a moderate price. **GEO. M. McMURRY, MARYVILLE, MO.**

## CLAREMONT

HOME of S. B's, Model VIII and IX, Claremont Model, Proud Model and Proud Advance. 250 pigs of spring crop. 7 fall boars for sale. Orders booked for future delivery. Address, **Wrighton & Ashby, Audubon, Iowa**

## PANCAKE'S DUROCS

HERD headed by Kant's Top Notcher. One of the best sons of Kant he beat. 150 spring pigs representing most noted blood of the breed. Write for prices and descriptions, mentioning Homestead. **Ernest Pancake, Ransom, Illinois**

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I AM OFFERING THREE SOWS FOR JULY farrow, and I am now booking orders for fall farrow. Only the best strains in my herd. **AUSTIN RENSLOW, BLAIR, NEB.**

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for sale. Two fall boars and one yearling. Write me at once. **C. F. KIRK, Ponca, Nebraska.**

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FOUR fall boars for sale at \$20 each if taken soon; sired by prize winners or sons of prize winners.

**WOLF CREEK HERD OF DUROC JERSEYS.** Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to **T. L. Livingston, Birchard, Neb.**

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CHAMPION 1a, State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1906, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,

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OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, phone, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

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80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. **JAMES T. DOLLISON, SAC CITY, IOWA.**

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Bred sows that carry the blood of Gold Dust Jim, Improver II, 2d Surprise, Red Chief I Am, Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

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BY TOM DAVIS, first at Nebraska Fair 1906. Also two yearlings, one by Proud Advance and one by Top Notcher Again. Price reasonable. **W. J. Prather, Russell, Iowa**

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FALL BOARS for sale sired by Red Knight Again 43325, and yearling sows sired by Crimson Wonder I Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped. **AUGUST VOGEL, PORTSMOUTH, IA.**

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150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. **FRED KRASCHEL & SON, MACON, ILL.**

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I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. **Geo. L. Reed, Sumner, Nebraska.**

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I HAVE 6 extra good fall boars that I will price right if taken at once. They are sired by such boars as Fancy Crimson Wonder and Crimson Wonder's Brother. Write me for prices and description. We will also breed a limited number of sows to Lincoln Wonder by Ohio Chief at \$100 each. **W. A. RIRPATRICK, Lincoln, Neb. A. WILSON, BETHANY, NEB.**

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140 SPRING PIGS, sired by such noted boars as Junior Jim, American Royal, IXL Advance, Reisser's Tip Top Notcher and other sires. We have some good boar prospects. Write us. **REISSER BROS., Sanborn, Iowa.**

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LENDALE CRITIC, the greatest son of Crimson Wonder, at head of herd. Booking orders for fall delivery. 125 pigs to pick from. Address, **E. Z. RUSSELL, BLAIR, NEB.**

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Breeds POLLED DURHAMS.STOCK that will please you at prices you can af-  
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1907 Crop of Berkshires  
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HEAD. 30 straight Cruickshank and Scotch; also  
the famous Barrister Young Marys.45 Cows and two year old heifers, all in 45  
calf to or with calves at foot by our great  
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50

Attention is called to the following great brood cows: Duchess of Gloster 45th,  
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Ten two-year-old daughters of Orange Viscount all alike and all in calf to the  
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not been offered in recent years if ever in a single sale in America. The famous  
Barrister Young Marys, all of one type will be found as great a lot of square  
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## 5 - BULLS - 5

Our herd bulls, Orange Viscount, a straight Cruickshank Orange Blossom bull,  
got by the Champion Lavender Viscount, and White Goods got by the champion  
Choice Goods and out of Imp. Bessie 51st, by Sittytton Pride are included. Two such  
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able young Scotch bulls, just of serviceable ages. Write today for illustrated cat-  
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175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aberlorn 41201,  
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BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices, \$100 gets a good bull.  
W. Prices, Queen Mothers, Heather Blooms, Ho-  
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breeds good, fine disposition, weighs 2,200. Also  
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GRUICKSHANK  
....Herd Bulls....FIVE Top Notchers, four reds and one dark roan.  
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100 HEAD in herd. Will make attractive prices  
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These heifers are from best cows in herd. Imp.  
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HOGS. Twelve red Short-horn bulls for sale.  
Geo. A. Haun, proprietor, Newton, Iowa. Farm two  
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They vary in age from a few months to two years.  
A catalog giving the pedigree of each bull will be  
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FOR SALE—Six good bulls from 6 to 18 months  
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Walnut Grove Short-horns & Poland Chinas  
CLEAR The Way 231482, winner 1st in 2-year-old class  
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Herd boys Defender 98447, by Corroctor 63379, one  
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We milk all cows and have raised calves. Only  
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Three straight Cruickshank.  
These are bred in the purple and are good  
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One good Poland China Boar 11 months old. Prices  
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FOR SALE.I HAVE for sale both bulls and heifers, some  
choice Short-horns, sired by Scottish Baron.  
Address, J. H. MOYER, - Newton, Iowa



SHORT-HORN CATTLE.

ARDMORE SHORT-HORNS

VICTORIA'S PRIDE.

Red; calved September 9, 1905.  
Dams.

Sires.

Breeders.

Got by Imp. Scottish Pride 128543....Wm. Duthie  
Victoria of Meadow Lawn 3d.....Victor Baron 127266....C. B. Dustin & Sons  
Victoria Veech.....Favorite 56041.....Wm. Duthie  
Imp. Victoria 73d.....Roan Gauntlet (35284).....A. Cruickshank  
Victoria 58th.....Pride of the Isles (35072).....A. Cruickshank  
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Victoria 36th.....Baronet (15614).....A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

ARDMORE STOCK CO., - HOLSTEIN, IOWA

9 Cruickshank  
Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysie, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

SHORT-HORN CATTLE SALE!

At Evergreen Stock Farm, Vinton, Ia., June 19.

ABOUT 50 head of imported and home bred Scotch and Scotch-topped young cows, heifers and bulls, including the splendid Cruickshank herd bull, Prince Royal. The females are mostly two and three-year-old heifers, sired by Prince Royal and bred to Scottish Fancy, he an exceptionally good young Scotch bull from an imported dam, and included in the sale. The 15 bulls include several Scotch herd headers. All are nice reds and good. Catalog June 1st. Write for it, mentioning The Homestead.

N. P. HALGREN,

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A SPLENDID LOT OF SHORT-HORN BULLS

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshall. Can sell one or can fill out a load. Address.

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CATALOG  
Of Young Bulls For Sale  
Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

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REAL DUAL SHORT-HORNS

HOME of Howena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

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Bulls and Heifers For Sale

WE have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two year-old heifers of best Scotch tribes, mostly reds and all bred.

I. BARR & SON,  
Davenport, Iowa.

FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs  
AND  
BARRED PLYMOUTH ROCK CHICKENS.  
Good Individuals a Specialty.

Eggs from our excellent flock for sale at right prices. Hog sale in the fall.  
Address C. E. McCOLLOUGH, HUMESTON, IA.

SCOTCH BULLS  
FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

SCOTCH BULLS

Got by  
IMP. MUTINEER 172547.

MUTINEER is of Narr's Mistle tribe and was got by Banton Chief and out of Imp. Mistle, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

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WILDWOOD SHORT-HORNS

ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write.

W. W. VAUGHN, Marlon, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Mahie Valley Stock Farm.

BULL BARGAINS

From The Jones County Herd of  
SHORT-HORNS.

10 CHOICE yearling bulls for sale at bargain prices. These bulls are by Sittytown Sort 173649. They must be sold to make room for our sale cattle to be sold at auction Oct. 2d. Our herd bulls Sittytown Sort and Wampum of Wayside 243046 are conceded to be among the best Scotch bulls in the state.

G. P. Tyrrell & Son, Oxford Junction, Iowa.

HORSES.

LEFEBURE'S BELGIANS

BELGIAN STALLIONS  
B and mares, imported and American bred, on hand and for sale at all seasons of the year. Henry Lefebure is now in Belgium making his selections for a choice importation to arrive about July 1st. Catalog free.

Henry Lefebure, Fairfax, Ia.  
8 miles west of Cedar Rapids.



Percheron Stallions  
FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., iron gray, one of the best horses in the west; four years old; measurements: girt, 7 ft., 11 inches; 17 1/2 hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address,

J. S. GOLDER, SCRIBNER, NEB.



Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every horse breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular.  
I. O. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

Draft Mares  
For Sale

THE IOWA STATE COLLEGE is offering for sale three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address:

DIVISION OF AGRICULTURE,  
Iowa State College - AMES, IOWA

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champin Bros., Clinton, Iowa

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS.—Imported horses, \$1,000; home bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

HORSES.

FRANK IAMS'

"Peaches and Cream"



"Black Boys"

Largest pair of Stallions in U. S.

Sweepstakes Winners. -:- A Whole Horse Show

All of Iams' "Superb bunch" of "show stallions" are offered for sale. Dad, it's a "100 to 1" they are the "best ever." Get into "Iams' band wagon." All railroads lead to Iams' Importing Barns at 2 cents a mile, and Iams'

SUMMER PRICES

are pushing competitors "off the roof" hypnotizing buyers with "top notchers" at "LET-LIVE-PRICES." John, if you pay cash or bankable note you will buy a stallion of IAMS. IAMS' "SELLING CLOTHES" "FIT" "all the boys." He saves thousands of dollars to stallion buyers. He is not in the "STALLION TRUST." He places \$1,000 or \$1,500 Insurance.

\$1,000 — SAVED AT IAMS — \$1,000

Ikey! what a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth rate stallions at \$2,000 to \$5,000. Iams sells "top notchers" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes his competitors "HOLLER." He is knocking "HIGH PRICES" out of the Xmas tree. Iams saws wood, "BUTTS IN," sells more stallions each year. He makes every statement good. Georgie, dear! Buy a stallion of Iams. His 1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear the diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no buyers, salesmen or interpreters, has no two to ten men to divide profits with. Iams guarantees to sell you a BETTER stallion at \$1,000 to \$1,500 (a few higher), than are sold to Stock Companies at \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horse's freight and buyer's fare; gives 60 per cent breeding guarantee.

Write for eye-opener and greatest horse catalog on earth.

References: St. Paul State Bank, Citizens National Bank

ST. PAUL, - NEBRASKA



PINE RIDGE  
STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and P. D. 12610 now at head of the stud. Prices below competition.

Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.  
L. M. HARTLEY, SALEM, IOWA.

Rhea Bros., Arlington, Neb.

Breeders of Percheron Stallions. We exhibited 11 stallions at late Nebraska State Fair and won 9 prizes as follows: 2d and 4th on four year-olds, 1st on three year-olds, 2d, 3d and 4th on 2 year-olds and 1st, 2d and 3d on yearlings. At Interstate Fair at Sioux City, Ia., we had 7 entries and got 5 places, 2d on 4 year-olds, 1st and 3d on 3 year-olds, 2d on 2 year-olds, 1st on yearlings. Our horses are home bred and acclimated, have size, bone, quality, are raised in pastures, not pampered with grain and drugs, thus insuring good service from the start. Every stallion sold under a positive breeding guarantee. Arlington is on main line N. W. Ry., 25 miles northwest of Omaha, eight miles east of Fremont.

M. L. AYERS - SHENANDOAH, IOWA.

Importer and Breeder of

PERCHERON HORSES

100 Stallions and Mares. Big tou stallions and a fine selection of young two and three year-old home bred stallions, home bred and imported. The imported Brilliant bred stallion Blande (36577) at head of stud. Thirty years draft horse breeding. Red Oak Branch C. B. & Q. R. R.

PERCHERON STALLION COLT FOR SALE

I HAVE a fine yearling stallion colt that I will price at a very reasonable figure. He is by the great prize-winning stallion Casino 27830; his dam was Marcella 19377, an 1,800-lb. mare. Write me for prices or come and see this great colt.

E. C. Gwinner, Holdrege, Neb.

PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans preferred. Address: E. B. Thompson, Cumberland, Ia

FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion; will weigh 1,800 lbs., a worker and sound, coming five years old.

Buy from the breeder, not the dealer.  
BERT RY, PLAINFIELD, IOWA

TWO PERCHERON STALLIONS

BLACK U. S. 47895 (black) and Billy U. S. 47894, each three years old. Good ones with good and plenty of bone and are broke to harness.

J. L. SLICK, LANARK, ILL.

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Bilbo, Creston, Ia. Successor to Bilbo & Wilson also Bilbo & Van Patten.



# OFFERING OF SCOTCH SHORT-HORNS

## EXTRAORDINARY

..... FROM SINNISSIPPI FARM AT CHICAGO, ILLINOIS, JUNE 11, 1907 .....

On June 11th I will sell 65 head, 4 bulls and 61 cows and heifers. All of breeding ages. Forty females have calves at foot, and all are bred to Ceremonious Archer, Cumberland's Last, or other noted bulls.

**JUNE  
11,  
1907**

**E**VERY female is fit to grace any herd and every bull a herd header, including Cumberland's Last. Many of the best imported females from Aberdeenshire and the cream of America's best breeding establishments are to be found in this consignment. I am told that no breeder ever offered at one day's sale the equal of this selection (numbers considered). Every animal is of breeding age. It has been my ambition to sell an offering of Scotch cattle second to none. In parting with Cumberland's Last I am selling what I believe to be the best individual Short-horn bull I have ever seen. His calves are very promising. Every breeder and admirer of Short-horn cattle in America is earnestly invited to be with me at Chicago, Ill., June 11, 1907, to inspect these cattle.

**JUNE  
11,  
1907**

**F. O. LOWDEN,**  
THOS. STANTON, MANAGER.

**OREGON, ILLINOIS.**  
COLS. WOODS, BELLOWS, JONES AND GARDNER, AUCTS.

## Dispersion Sale of Scotch and Scotch Topped SHORT-HORNS

**ON JUNE 14th**  
at Farmersburg, Clayton County, Iowa,

I will disperse my entire herd of Scotch and Scotch topped Short-horn cattle, consisting of

**29 FEMALES AND 12 BULLS**



**T**HERE will be 20 Scotch females and 6 Scotch bulls in the offering, among which are as good Scotch Short-horns as are to be found in America to-day. The cows are in calf to Imp. Great North 179848. This is the best lot of Scotch cattle ever offered in this section of Iowa. Farmersburg is on the Elkader branch of the Milwaukee system southwest of North McGregor, Ia. Parties from Illinois, Wisconsin and Iowa will find this a convenient point to reach by way of the Milwaukee system. Good judges pronounce much show material in this offering. All parties from the west coming the night before the sale should get off at Monona, where free livery will be in waiting the following morning for the sale. All others from the southeast and north get off at North McGregor and arrive at Farmersburg at 10 o'clock the morning of the sale. Send for catalog, now ready. Mention Homestead.

**H. H. DIERS, Proprietor.**

Auctioneers: Cols. F. M. Woods, R. W. Barclay and F. O. Cubbage.

## .... DISPERSION SALE .... OF THE "CANNA HILL" HERD

# Short-horn Cattle

## SCOTCH AND SCOTCH TOPPED

**New York, Ia., Saturday, June 8, 1907**

Located 10 miles south of Chariton, Ia., 10 miles northeast of Corydon, Ia.

**LOT 1. BARON VICTOR 250111.**  
Red; calved Oct. 2, 1904. Bred by M. L. Logan, Lineville, Iowa.  
Dam Sire Breeder  
Got by Victor Knight 177893....J. W. Smith & Son  
Victoria of Meadow Farm 4th Baron Goldust 3d 127367....Forbes Bros.  
Victoria of Meadow Farm .. Lord of Linwood 93476.....W. A. Harris  
Victoria of Glenwood 5th .. Earl Marshall 92167 .....Wm. Duthie  
Victoria Veach ..... Favorite 5641 .....Wm. Duthie  
Imp. Victoria 73d ..... Roan Gauntlet 45276 .....A Cruickshank

**45 HEAD--13 bulls including my Cruickshank  
Herd Bull, 20 cows, 12 choice  
two year old Heifers.**

BARON VICTOR 250111, considered one of the best Cruickshank Victoria bulls in Iowa, will also be sold. There will be eight head of Scotch cattle of the Victoria, Rosemary and Lavender tribes in the sale. The rest are well Scotch-topped. Most of the young things are sired by Victor Maple, a son of George Bothwell's Grand Victor, and Vallery 2d both richly bred Victoria bulls. My cattle are good milkers and there will be some excellent cows and some very choice heifers in the sale. While I am dispersing my herd I am also guaranteeing everything, and it will be a splendid opportunity to buy Short-horn cattle. Parties from a distance can come to Chariton and stop at the Bates House or at the Rhea hotel, Corydon, Iowa, at my expense, and there will be free conveyance to and from the farm. Address me for catalog as follows:

**W. E. CUTLER, - CORYDON, IA.**

Col. Geo. P. Bellows, Auct., Fennell and Hasbrouck, Assistants.





### SETTLING THE RAILROAD QUESTION.

From the earliest settlement of the middle West, the transportation problem has been a matter of prime importance to the farmer. At first, the vital question was how to secure railroads. Later, when this great, prosperous section had become a network of railroads, the issue became one of equal and reasonable rates. More recently, the questions of speed and facilities of service have been uppermost in the public mind; scarcity of cars and slow trains being the subject of more complaint than excessive or discriminating rates. All these problems have had their political as well as their economic side; and the action or non-action of congress and the state legislatures respecting their varying phases has kept public opinion more or less in a ferment for the life-time of a generation.

For a long time, the railroads vigorously opposed legislation placing the carrier under either state or federal control. They successfully resisted, for a time, even legislation prohibiting discriminations between shippers and localities; prohibiting the granting of rebates and making it unlawful to issue free passes to favored shippers, public officials and others. Little by little, however, the pressure of public opinion secured the incorporation into the national and many of the state laws of provisions recognizing the public character of transportation and the obligation of the carrier to give adequate and equal service to all at reasonable rates. The "granger" legislation of the early '70's; the uprising of the people twenty years ago which resulted in the enactment of the interstate commerce law and a long series of judicial decisions established these principles at least in theory. To an impatient public, however, it often appeared as if little real progress had been made in bringing the common carrier under the domain of law.

Such was the situation at the opening of the Twentieth century; but since that time, the most thorough and radical revolution in public conditions respecting transportation that ever occurred in this country has occurred. The vast official influence of the president of the United States has been thrown into the scale in favor of strict public regulation of railroads. The interstate commerce law has been made far more stringent in its provisions. The interstate commerce commission has been given increased power over rates. The whole power of the government has been used to enforce these new laws and the neglected prohibitions of the older statutes. The free pass has been done away with. The railways have been given to understand that they must scrupulously obey the laws against discriminations of all kinds. The entire course of the government has added emphasis to these admonitions. For a time, there was a great outcry against the new policies. Next, entreaties were addressed to the president, who was told that if he persisted in his course a financial crisis would result. A violent panic actually took place among the speculators of Wall street and it was pointed to as proof of the damage to business which would result from firm regulation of the railroads. Through all these demonstrations, the president adhered to his original position, declining to modify his policy or make public any statement indicating that it was to be abandoned or changed.

A large proportion of the legitimate

railroad interests of the country have now apparently accepted the new situation as foreshadowing a permanent change in the attitude of the government. They have been led to accept this view in part from the conviction that, unless they accepted regulation, they would ultimately have to face the alternative of government ownership. It now seems probable that the last vestige of the railroads' opposition to federal regulation will soon disappear.

An address delivered by the president at Indianapolis on Memorial day has attracted wide attention by reason of its emphatic reiteration of the president's well known views on the entire railroad question. There was nothing radical in the president's contentions. He maintained only that the railroads must submit, once for all, to government regulation as to their rates and that they must be subjected to additional regulation such as would prevent the further watering of their stocks. He expressed the opinion that their methods of operating their properties, issuing securities and keeping accounts should be as strictly supervised as the affairs of national banks are now controlled. This, he believed, would safeguard the interests of their stockholders, greatly increase the disposition of the public to invest in their stocks and bonds and thus provide capital for the added facilities so badly needed. He emphasized the importance of refraining from doing anything which would cripple this great and important

interest or deprive it of just and even generous rewards.

The president's Indianapolis speech really settles this greatest economic problem of the generation. Details will have to be worked out in the next few years, but there is no reason to doubt that the problem will be speedily and completely solved. It is a safe prediction that railroad opposition to the president's policy will gradually cease, and that the railroad question will be measurably removed from politics for the future.

Of all the great industries of the country, none will derive greater benefits from the settlement of this vexed question than that of agriculture. Assured of just, reasonable and equal rates for the transportation of its products, and of the general prosperity of other interests upon which it depends for a market, a prosperity which reasonable rates of transportation cannot fail to promote, the future of agriculture becomes permanently brighter and better.

### GRAIN FOR GRASS CATTLE.

The following communication has been received from a Missouri subscriber:

I am a beginner in the pure-bred stock business and would like a little advice concerning methods of feeding young stock during the summer months. I am handling the Short-horns and have on hand cows, calves and also some yearling heifers and bulls. What I would like to know is this: Where pastures are good, do you think it will be necessary to feed yearlings and calves over six months old grain during the summer

months? My stock has been brought through the winter in good shape and they are fairly thick-fleshed at this time, so that the question with me is, will they hold their flesh on grass alone or will it pay to feed some grain in addition? I would like especially to be informed as to what is the custom among breeders who have established herds about feeding in the summer months.

The condition of the herd itself is the best index by which a man must decide whether it is advisable to feed grain or not. This year, because of short rainfall during the spring months, pastures are rather shorter than usual, and under the circumstances where one is ambitious to keep his herd in good shape for inspection at all times, we believe that it will pay to feed grain, not only to the cows, but to the calves, under as well as over six months old, and also to the yearlings. The breeder who has a reputation to maintain finds it necessary to do a good deal of grain feeding the year round, and we see no reason why the same rule will not apply to the man who has his reputation to make. There is only one way to determine whether a Short-horn will flesh up evenly or not, and that is to put on the flesh; and this is why men in making their purchases generally take the so-called "fat" ones. In the case of the heifers not intended for sale, but to be kept for breeding purposes, there is nothing to be gained in making them overly fat, but we do think that it pays to keep them at all times in a thick-fleshed condition.

On a very well managed farm the feeding of grain during the hot summer months should not be regarded as an extravagance, apart from the labor involved, because every pound of grain fed simply means that the equivalent in food elements will be saved in grass. Of course, where one is better fitted for the growing of grass than grain, it will cost more to feed the grain; but, as said before, on the average farm the one almost balances the other apart from the labor involved.

When it comes to handling young bulls nothing but heavy grain feeding will bring them into that condition of flesh where they will sell well on inspection, or satisfy the purchaser if sold on a mail order. One can hardly ever make a mistake in judiciously feeding a young bull about all the grain and succulent fodder that he will consume during the summer months. Their general characteristics, together with the fight they must make against flies and the effect of the hot weather, makes it a question that calls for considerable skill if the young bulls are brought through the summer and fall in a thick-fleshed condition.

The beginner in the pure-bred business generally makes the mistake of under-feeding his young cattle and the presentation of this fact alone should answer this subscriber's inquiry. There is little danger of making the mistake of going to the opposite extreme.

Seeing that small towns rely absolutely on the support they draw from the surrounding farms, it is surprising that better provision is not made for rest rooms for farmers' wives and daughters. In many towns the only place where women can rest and wait for the men folks is the office of the feed barn. It is a wonder that some of these smart club women haven't caught onto that idea and done a little work along that line.



The subjects of our illustration are the two beautiful white heifers, Sinnissippi Lady and Sinnissippi Rose 2d, daughters of Ceremonious Archer. They were bred and are owned by Col. Frank O. Lowden, of Oregon, Ill., and are consigned to his forthcoming sale on June 11th, at Chicago, Ill. This pair have provoked favorable comment by every one who has seen them. It falls to the lot of few breeders to produce as good a pair as these; one of them is a straight Scotch heifer out of Imp. Guelder Rose, and the other is a Scotch-topped Lady Elizabeth, being one of the two animals in the entire sale that are not Scotch. Her daughter was Lady Hamilton by Imp. Marquis of Zenda, a full brother to the famous Imp. Missle cow, Missle 153d, sold by the late Mr. W. S. Marr in Chicago, in 1901 for \$6,000. This pair look near enough alike to be twins, and we believe that no man can tell from their picture which is the Scotch heifer and which is Lady Elizabeth. These are only fair samples of the other sixty-three head consigned.



## CLASSIFICATION FOR CARRIAGE HORSES.

The National Department of Agriculture, in co-operation with the American Association of Trotting Horse Breeders, has prepared a classification for American carriage horses to be used by the various state and national fairs. The type desired for the American carriage horse is as follows: Not under fifteen hands for mature horses; smooth, compact and symmetrical conformation; neck of good length, inclined naturally to arch; sloping shoulders, well set legs of medium length; sloping pasterns and good feet; short, strong back; well sprung ribs, well ribbed up to coupling; smooth loins; full flanks; straight croup with well set tail; full, round buttocks.

The classes are as follows:

- Class 1. Stallion four years old or over.
- Class 2. Stallion three years old and under four.
- Class 3. Stallion two years old and under three.
- Class 4. Stallion one year old and under two.
- Class 5. Stallion with three of his get of either sex; get need not be owned by exhibitor.
- Class 6. Mare four years old or over.
- Class 7. Mare three years old and under four.
- Class 8. Mare two years old and under three.
- Class 9. Mare one year old and under two.
- Class 10. Mare with foal of either sex.
- Class 11. Foal under one year old, either sex.

Classes open only to horses of American blood.

Stallions in classes 1 and 5, inclusive, must be registered either in the American Trotting Register as standard; in the American Morgan Register or the American Saddle Horse Register, and certificate of such registry must be shown in the ring if required.

Entries in all classes for mares, entries as get of sire in Class 5 and produce of mare in Class 10, and entries in Class 11 must be sired by a stallion registered as above, but the dams of such entries need not be registered mares; the breeding of dams, however, so far as known, must be given when entry is made.

No mare having any draft cross will be eligible.

Any exhibitor falsifying the breeding of entries will be barred.

Entries in all classes must be practically sound.

The following percentages will govern judges in Classes 1, 2, 3, 4, 6, 7, 8, 9: General conformation and all round suitability as a carriage type, 60 per cent; style, action and manners, 40 per cent.

The following percentages will govern in Class 5: General conformation and all round suitability of sire as a carriage type, 30 per cent; style, action and manners of sire, 20 per cent; general conformation and all round suitability of get as a carriage type, taken as a whole, 30 per cent; style, action, manners and uniformity of type in get, 20 per cent.

The following percentages will govern in Class 10: General conformation of dam as a brood mare of the carriage type, 50 per cent; general conformation, style, action and manners of the foal, 50 per cent.

The following percentages will govern in Class 11: General conformation of entry as a carriage type, 70 per cent; style, action and manners, 30 per cent.

The purpose of adding this new class is to encourage the production of the "full-made" driving horse of combined speed and action—action in this case referring to free knee and hock movement. It is the type of horse that the government is trying to produce and "fix" at the Colorado Experiment Station.

### IOWA SWINE BREEDERS' MEETING.

As announced previously in the columns of The Homestead, the summer meeting of the Iowa Swine Breeders' association will be held at Des Moines, on Tuesday, June 11, headquarters being at the Savery Hotel. The secretary, C. C. Carlin, has prepared the following program which will be carried out on the date mentioned:

#### TUESDAY AFTERNOON.

- President's Address, Wm. D. McTavish, Coggon, Iowa.
- "Influence of Proper Sanitary Conditions in Prevention of Disease Among Swine," Dr. J. H. McNeill, I. S. C., Ames, Iowa.
- "Piggy's Troubles," Harvey Johnson, Logan, Iowa.
- "Care and Management of Litters," J. M. Stewart, Alnsworth, Iowa.

#### TUESDAY EVENING.

- "The Iowa State Fair and Its Object; the Duties and Privileges of Exhibitors," R. S. Johnston, Columbus Junction, Iowa.
- "Relative Value of Spring and Fall Litters," Geo. S. Prine, Oskaloosa, Iowa.

The farmer who is not making progress is retrograding. It is practically impossible to stand still. If it were possible to remain stationary, the effect of it would be the same as going backward; for the rest of the world is advancing, and the farmer who knows no more today than he knew yesterday is just that far behind the rapidly moving procession of agricultural knowledge and practice. Your knowledge of soils, seeds, methods of cultivation, harvesting and marketing your product; your information regarding live stock and the breeding, feeding and disposal of the same; and your ideas of farm management in all of its details should always be distinctly up-to-date. A scientific writer has defined life as the capacity of an organism to readjust itself to its ever changing environment. The live farmer is he who constantly readjusts his theories and practice so as to keep abreast of the best wisdom of his times. The Homestead is the exponent of agriculture of that kind. It speaks to and for the farmer who is constantly learning and applying, with practical common sense, the principles of agricultural science.

The Homestead is proud of its great constituency of progressive farmers and stockmen. It believes in them and has faith in them. Thousands of its readers rank as the leaders of their respective communities, for the very reason that they are intelligently progressive. The Homestead is edited with special reference to the needs of such men. Every one of its departments; every editorial and contributed article, is written largely with the view of serving their interests. At the same time, we aim to make our pages so clear in meaning, so definite in teaching, so simple, direct and straightforward in doctrine, that the young and inexperienced will find The Homestead a safe and reliable guide, while the expert will be benefited as well by its solid instruction.

It is our ambition to have readers who carefully read and digest every word of The Homestead, from first page to last. He who glances over a farm paper, skimming its contents or selecting an article here and there as it may happen to catch his fancy, falls much short of being our ideal subscriber. The farmer who is a thorough reader is much more likely to be a thorough farmer than he who turns the leaves of his paper casually and selects a few articles for special consideration. The very act of mastering every part of a paper helps to fix the habit of thoroughness upon the mind of him who practices it. The subject which, at the first glance, appears unfamiliar and unattractive will become interesting upon closer familiarity. Your mind is broadened by study of new fields of thought; and every new

subject you master gives you new views of the old subjects which are most familiar. Do not get into ruts. Read every line of your Homestead. You will like it better; and it will help us to realize our motto, of making every issue of the paper worth the price of a year's subscription to every thoughtful reader.

Do not omit the advertisements when reading The Homestead. Both the live stock announcements and the commercial propositions exploited are worthy of your attention. This is an age of new ideas; and many of the best ideas are developed and exploited through advertising, and can be learned only by reading advertisements. Good advertisements contain much information about processes of manufacturing, different strains of stock, and new phases of a multitude of subjects. Do not despise the advertising columns. They may mean both financial and intellectual gain for you.

Mr. William Lampmann, of Omaha, Neb., land and immigration agent of the Oregon Short Line railroad, is pleased with The Homestead's methods of doing business and says so in a recent cordial note to the publisher. "You may feel assured," writes Mr. Lampmann, "that I shall always say a good word for The Homestead. I have done it in the past simply because the results from my Homestead advertisements were much greater than the same advertisements in other farm papers and dailies of large country circulation; but since I have become acquainted with your broad-gauge business methods, I have still greater incentive to recommend your paper." Live stock, land, poultry, commercial and all other advertisers write us in a similar spirit of appreciation.

Mr. George C. Mosher, of Kansas City, Mo., owner of Hillcrest Farm herd of butter-bred Holstein-Friesian cattle, president of the Missouri State Dairy Association and vice-president of the Missouri Live Stock Breeders' Association, recently made a crucial test of the advertising value of The Homestead and its allied publications, using them alone so that weak and inefficient mediums did not get credit for Homestead results. He writes: "Please discontinue my classified advertisement of Duroc pigs in The Homestead, Farmer and Stockman and Wisconsin Farmer. These publications are the only ones which have carried this advertisement; and to show you their value as advertising media, I would simply say, we have booked orders for our entire spring crop of pigs, and shall probably have to return the money to some of our correspondents."

The above is cited to prove a fact which is sometimes disputed—the fact that papers of large circulation are much

better mediums for the live stock advertiser than papers which reach but few farmers and breeders. Absurd though it seems to the rational mind, some breeders insist that circulation cuts little or no figure in live stock advertising. If one of those who put forward this contention were at a county fair, for example, and there was a crowd of five thousand people present, to whom he wished to distribute circulars on some important subject, would he feel just as certain of results if one or two thousand circulars were distributed in the crowd as if five thousand were placed in the hands of those present? If he distributed catalogs by mail to five hundred breeders, would he expect the same results as if he sent out a thousand? It is self-evident that a paper which is read in a hundred thousand farm homes, as The Homestead is, will sell more horses, cattle, hogs, sheep, poultry, lands, farm machinery or any other property desired by farmers than would be sold by a paper of small and scattering circulation. It should be remembered that The Homestead has a larger circulation by many thousands in Iowa alone than any other weekly agricultural paper published in Des Moines has in all the states of the union combined—not to mention The Homestead's vast circulation in Illinois, Nebraska and other neighboring states.

Mr. Mosher's results from a classified advertisement in The Homestead, Farmer and Stockman and Wisconsin Farmer are a striking proof of the value of this department of our paper. We cordially recommend our classified department to advertisers of land, poultry, live stock and all classes of miscellaneous articles. The three papers reach nearly a million farm readers, in the great states of Iowa, Illinois, Wisconsin, Minnesota, North and South Dakota, Nebraska, Missouri, Kansas and Oklahoma. An advertisement of not more than twenty-four words is inserted in all three papers for \$1.20. The rules governing the department are printed at the top of the page on which it appears.

It is not too late for those who have not availed themselves of our Red Letter combination offer to do so. This combination consists of The Homestead, the foremost agricultural weekly in the world; The Chicago Weekly Inter-Ocean, a splendid general family newspaper, teeming with interesting news and miscellany; The Kansas City Weekly Star, a courageous and independent general newspaper; The Homemaker, a delightful monthly for farmers' wives and daughters, and The Farm Gazette, a beautiful monthly magazine of profitable agriculture. All five of these great publications are sent to any address in the United States for \$1.25 a year. Send your order to The Homestead.

"Which is Most Detrimental to the Business, the Breeder Who Undersells or the Boomer and High Seller?" J. A. Benson, Primm, Iowa.

"Care and Treating of a Crop of Pigs for the Greatest Profit," R. J. Harding, Macedonia, Iowa.

On the following day, Wednesday, June 12th, the National Association of Expert Swine Judges will hold its annual meeting. Scoring exercises and examination of candidates for certificates as expert judges will take place in the forenoon beginning at 9 o'clock. In the afternoon, beginning at 1 o'clock, a practical demonstration of the value of the score card as an index to the market hog will be given under the direction of Prof. J. J. Ferguson, of Chicago.

The Homestead desires to emphasize the importance of a large number of swine breeders attending this annual meeting. No man is so successful in the business or so well advanced in the art and science of feeding and breeding hogs but what he will learn much from the splendid program that has been prepared, while, in addition, there are always benefits derived from men of the same calling meeting together in a social way. We have said before, and we repeat it again, that there are hundreds

of swine breeders in Iowa who can scarcely afford not to attend a meeting of this character, though the excuse is often given by men that they cannot afford to lose the time required to attend this meeting at this time of year. We put it the other way and again repeat that many breeders cannot afford to miss the meeting.

The Western Passenger Association has made a reduced rate and persons buying a ticket to Des Moines at the regular rate should take the agent's receipt, thereby entitling them to a return ticket for one-third fare, plus 25 cents.

### THE HORSE DEPARTMENT OF THE IOWA STATE FAIR.

We are informed by the superintendent of the horse department of the Iowa State Fair, Prof. C. F. Curtiss, that the classification has been so extended and the premiums raised so that now they aggregate the sum of \$3,000. The stall fees have been reduced to a merely nominal fee.

A new classification has been added for American carriage horses. This is the first time that such a class has been made at any state fair or public show. The contract has just been let for a

new \$10,000 horse barn to be erected on the Iowa State Fair grounds this year. This will constitute the first section of a barn that, when completed, will have a capacity of over 600 horses and will cost from seventy-five to eighty thousand dollars.

### Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa section, from the central station at Des Moines, Iowa, for the week ending May 27, 1907:

The week began and ended with temperature at or near the frost line, and the average ranged from 2 to 4 degrees below the normal. There was an excess of cloudiness with copious rainfall, and reports indicate that the drouth has been effectually broken in all parts of the state. In extensive areas there was considerable excess of rainfall, which caused damage to crops in some localities, and retarded farm operations several days.

On the whole the week was favorable to the growing crops. The weather was sufficiently warm two to three days to quicken germination of seed in fields, meadows and pastures. Early planted corn appears to be coming up fairly well, and there will be not more than the usual amount of replanting. Cultivation is in progress, and the general crop situation is encouraging.



## Farm Furrows

Turned by a Practical Farmer.

Wire grass should make attractive feed for goats.

House-warming has been a pretty regular entertainment at our home this spring.

Some steers are built for feeding while there are a much smaller number built for fattening.

The remote effect of licking a boy may be straightening; the immediate effect is certainly not.

Success is always achieved by the sacrifice of others. One could think up a big sermon along this line.

If the foretop of a horse's mane does not meet with your ideas of good looks, then cut it off. Hair wouldn't feel good over my eyes.

It is said of churches that the average congregation is as a company of old women sailing close to shore instead of being courageous seamen.

The all-absorbing idea of to-day is to catch up with the future. Men are wrecking their lives to do it. Eventually they recruit our sanatoriums.

Milk and honey are the only two commodities which seem to exist exclusively for good purposes. Every other food product plays a part in its own reproduction.

I have this advice for boys: If you must sow wild oats, let the seeding period be short or the harvest may be monotonously long. If you cut the seeding operations out altogether a good

## 397,000 Bu. of Corn in 4 Yrs. Without a Hitch!

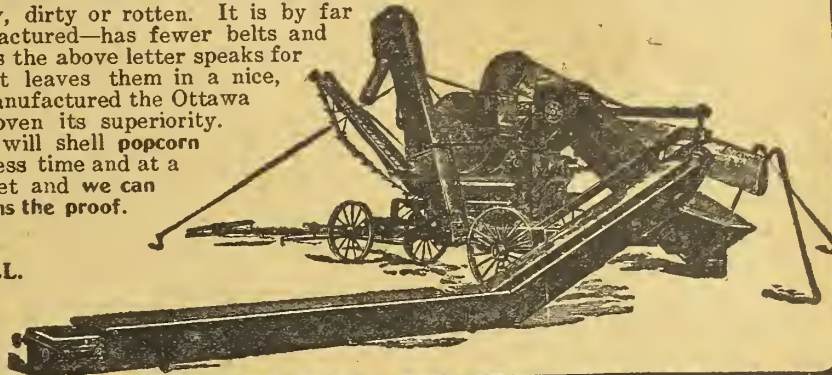
That is only one of the many good records made by the Ottawa Dustless Cylinder Corn Sheller. Here is a letter from a man who knows—a man who has used an Ottawa Sheller for four years. We have many more just as good.

Dear Sirs:—I turned the cylinder around as you told me and it works like a new one. I never run a sheller with which I could do anything I wanted to until I purchased an Ottawa "C" Sheller. I never found any corn I could not shell from the cob. I have operated this sheller less than four (4) years and shelled 397,000 bushels of corn and these are the first repairs I have ever ordered, amounting to \$14.44, so let the good work go on. Yours truly,  
OMER KINSEY, Minier, Ill.

## The Ottawa Dustless Cylinder Corn Sheller

will shell corn in any condition—wet, dry, dirty or rotten. It is by far the simplest corn sheller ever manufactured—has fewer belts and less gears. As to durability and repairs the above letter speaks for itself. It does not crush the cobs, but leaves them in a nice, clean condition for fuel. We have manufactured the Ottawa Sheller for 50 years. Time has proven its superiority. Absolutely dustless. Only machine that will shell popcorn perfectly. It will shell more corn, in less time and at a less cost, than any sheller on the market and we can prove it. Our illustrated catalog contains the proof. Write for a copy now and be convinced.

Manufactured by  
**KING & HAMILTON CO., OTTAWA, ILL.**  
General Agents:  
**Pioneer Implement Company,**  
Council Bluffs, Iowa.  
**Rock Island Implement Co.**  
Kansas City, Mo.



job may be offered you and as you are not busy harvesting your crop you will be at liberty to accept.

Every farmer should know how to ground his wire fences. Simply thrust a length of heavy wire down the side of the post several feet and staple to the fence wires where they cross.

Asparagus is being greatly improved in quality at some of the experiment stations. It is said that stalks ten inches long and one inch through may be grown and still be as tender as any on the market.

Those who have found that cement floors in hog houses tended to keep the bedding damp and subjected the animals to colds, have found the objections speedily overcome by placing a false board floor on the cement.

Farm folks bewail, as a rule, the seclusion of their homes. In the city, on the other hand, this very seclusion is persistently sought at the expenditure of thousands of dollars. How little we appreciate our advantages.

Right at present I would rather have my money invested in plain black dirt than in the finest fruit orchard in the frost-belt. The past winter and present season has been unusual in many respects. People in Iowa report ideal weather, and it seems that that state has been favored at the expense of those around it with Missouri as a possible exception. The spring weather so far has been a "frost," figuratively and literally.

I recently heard a boy laughed at by his companions for calling the color of a horse red. He ended his discomfiture by saying, "Well, what's the difference 'tween red and bay, anyway?" How many grown folks can tell?

No doubt every person has known individuals who have lived a lifetime with a bullet in their brain. It is a still more remarkable fact that there are individuals who live long lives with nothing in their brains.

A good horseman does not spend all of his time with the brush and comb. He regularly inspects the feet of his charges. I have known a piece of corn cob to lodge in the grooves of the sole and cause acute lameness.

The acme of unwillingness in hired help is pretty well suggested in the commonly heard phrase, "I wasn't hired to do that." It is a most-grating sentence to an employer, for it marks at once a discontented spirit.

A young farm-lad said to me the other day: "I wish I could learn to be able to know a good animal from a bad one at first sight." Little did he realize how big a subject he had taken in hand—a worthy ambition nevertheless.

Butchers in the West are seldom asked to remove the blade from a shoulder of

**RIDING**  
\$20.75

**DISC**  
\$10.95

**Tongueless**  
\$10.25

## CULTIVATORS

All the different Styles of Beams.  
**4 and 6 SHOVEL, EAGLE CLAW, SPRING TRIP, Etc.**

Made with best hardened soft center shovels, steel wheels with boxes, steel hitch. Best lifting spring ever invented. All at

**WHOLESALE PRICES**

Write for big free catalogue.  
**HARGOOD PLOW CO., Box 36 ALTON, ILL.**  
The only plow factory selling all implements, Buggies, etc., direct to the farmer.

**FOR \$10.00 PAID ON INSPECTION**

You can secure a genuine JONES 5 Ton \$45.00 Wagon Scale, all steel trussed levers, brass complete beam without loose weights, beam box, platform 14 x 8, for pit or without. Warranted against all defects. I, EDWARD F. JONES, personally guarantee this scale. Pay balance when ship comes in. Send me a postal for my new plan.

Address only JONES He Pays the Freight. Box 418-A, Binghamton, N. Y.

## FRUIT GROWING

The rich irrigated lands of the Arkansas, Grand, North Fork and Uncompahgre Valleys of Colorado, and the Farmington District of New Mexico, offer exceptional opportunities for the fruit grower. Pears, Peaches, Apples, Grapes, Apricots, Plums, Melons of all kinds and small fruit of every variety are raised with a greater average yield per acre—and a finer quality—than in any other section of the United States. Markets are close at hand and the demand exceeds the supply.

### The Denver & Rio Grande R. R.

"Scenic Line of the World"

reaches all the above districts and offers special inducements to those seeking locations. Write to-day for free descriptive booklets.

**S. K. HOOPER,** GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.

mutton for a stuffed roast. Few, indeed, know how to do the trick properly. By detaching the flesh around the joint, the blade may be neatly withdrawn, leaving a cavity for stuffing.

A close coupled driving horse is the conformation to be desired, nevertheless there is such a thing as a driver being too short in the body. In such cases there is a constant tendency for the rear feet to hit the fore feet in action. A long stride is hindered.

The life history of the salmon as portrayed in a recent popular weekly is a most interesting piece of nature study. This fish dies, without exception, after depositing its spawn and tons of the

dead bodies are used as fertilizer along the Columbia river in the state of Washington.

There is nothing more disgusting than to see hogs compelled to root for feed submerged in six inches of mud. It seems to me that the man who throws ears over the fence under such circumstances possesses sensibilities not much superior to the beasts themselves.

A thorough change is the idea of a vacation. The country is refreshing to the city man because everything is fresh-air food and nature. The farmer often finds an enjoyable vacation in a few days spent in the very busy city which the business man seeks to get away from.

# KRESO DIP

**KRESO KILLS ALL KINDS OF LICE.**  
**KRESO-DIP CURES MANGE & SCAB.**  
**CUTS, WOUNDS, SORES, RINGWORM etc.**  
**KILLS ALL GERMS.**  
**EASY & SAFE TO USE.**  
**TRY IT**

FOR  
**ALL LIVE STOCK**

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SEND FOR FREE BOOKLET ON  
**CATTLE HORSES HOGS SHEEP POULTRY DOGS**

For sale at all drug stores.

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Home Offices and Laboratories,  
DETROIT, MICHIGAN.

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2 Men can run it 3 tons in one hour. Easy draft. Smooth bales. Will save its cost. Shipped on trial. Satisfaction Guaranteed.

**THE AUTO-FEDAN HAY PRESS CO., TOPEKA, KANSAS, Box 62**



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

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Address all communications and business letters to  
**THE HOMESTEAD COMPANY,**  
Des Moines, Iowa.

## CLASSIFICATION FOR INTERNATIONAL EXPOSITION.

We are informed by General Manager B. H. Heide of the International Exposition that at the last directors' meeting the classification for the 1907 exposition was passed on. In the main the classification will be the same as in 1906, though several horse and sheep record associations that have never been recognized in the past at the exposition have been admitted and liberal premiums have been set aside for the newer breeds. A number of special awards in the shape of silver cups, gold medals and cash premiums were offered by firms and individuals, and a list of these will be furnished in the near future.

It was decided, owing to the danger of disseminating disease, not to add classes for breeding hogs this year, and the show will continue to exhibit barrows only.

The International will be held this year from November 30th to December 7th, and so far as present prospects indicate, it will be larger than ever before.

## A POST-MORTEM EXAMINATION RULING.

The large packers of Chicago have made a ruling by the terms of which they will on and after a certain date buy cows and heifers subject to post-mortem examination. They plan to pay the commission houses full value for the animals on foot, the responsibility for settlement with the producer being placed upon the commission firm by withholding payment until after the post-mortem examination.

The Chicago Live Stock Exchange is resisting this innovation with all the forces it can command, claiming that the questions involved are much more far-reaching than the loss on condemned cows and heifers. The Drovers Journal points out that the ruling is unfair as between the seller and the independent buyer who does not ask for this favor. It upsets the time-revered cash market system which has worked so satisfactorily since the market was established. It is thought by the Exchange that the ruling, when once placed into force, will soon include steers, sheep and hogs. It will tend to throttle competition by eliminating the shipper, speculator, butcher and small packer.

At the present time about 2 per cent

of the animals slaughtered at the Union Stock Yards do not pass government inspection, and this loss is of course borne by the packers. It has always been considered that prices were fixed after due allowance has been made for this percentage of loss, so that even at the present time the producer and not the packer shoulders the loss finally that results from government condemnation.

Members of the Live Stock Exchange, of Chicago, have always prided themselves on the fact that their customers were paid on the very day that a given consignment of animals were sold, but if the packers are able to enforce the ruling that is now contemplated delay in settlement will result, and this will unquestionably tend to discourage the feeder who has not for years made more than a small margin of profit on his feeding operations.

In their attempts to resist putting into force this seemingly unreasonable ruling the commission merchants of Chicago unquestionably have the support of producers, not only in the corn belt, but throughout the range territory.

## SOCIAL PROBLEMS OF THE FARM.

The farmer is used to being misunderstood. His life is so different and is lived under conditions so distinctive that it seems difficult for most persons engaged in other callings to put themselves in the farmer's place and look at matters from his point of view. One of the strangest aspects of this tendency to misunderstand the farmer is the forgetfulness shown by many who were themselves reared on the farm, but who have permitted later impressions and experiences to obliterate their understanding of farm conditions. Some of the worst cases of wrong views of farm life we have ever observed have been among people who once lived on farms but have in later life been absorbed by activities amid other scenes. It is, indeed, so rare that men engaged in other pursuits show a clear view and strong grasp of conditions in the rural districts that the exceptions to the rule are gratifyingly refreshing.

One of these pleasing instances of true appreciation of the farmer's position in and relation to the social structure came to light last week at the celebration of the fiftieth anniversary of the founding of the Michigan Agricultural College. President Roosevelt was the principal orator of the occasion; and his address revealed an insight into farm life and its internal and external relations as commendable as it is rare, and the more so because the exalted station of the speaker insured a wide reading for his remarks.

The president showed a surprising familiarity with the problem of education in general and technical agricultural training in particular. He predicted that agricultural education would still accomplish a vast amount in the way of increasing production; but he insisted that "the best crop is the crop of children; the best products of the farm are the men and women raised thereon," and strongly enforced the lesson of history, that "the permanent greatness of any state must ultimately depend more upon the character of its country population than upon anything else."

As to the problems of keeping the boys and girls on the farm and making the life of the farmer's wife not only endurable but happy, the president expressed deep and earnest convictions. He made no pretense of wanting a life of ease and idleness for either the children or the women folk on the farm; but, while favoring those genuine forms

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Instead of paying a salesman's railroad fare to show you a small model of a hay press, we will pay your railroad fare to the nearest one of our many agencies to examine our New Century, full circle, all steel, self feed, Hay Press, and all the others on sale. It makes no difference which hay press you buy, we pay your railroad fare just the same. We are so sure that the New Century is the best hay press that we know you will agree with us after you have examined it and every one of the other 25 hay presses on the market. It has 7-inch stop-over, pull power, high balancing chamber, positive plunger rebound; it stands up to its work, no taking off of wheels; 2 or 3 strokes to the round. All we ask of you is to see it. If you can't come we will send you a New Century for ten days' free trial. We pay freight both ways. Write for literature now.

**Western Steel & Wire Company,**

105 Osage Avenue, Kansas City, Kansas

of happiness which arise from duty performed, he insisted that everything practicable should be done to make the strenuous life of farm folk bright, pleasant and well worth living. He spoke of the mission of the farmer's wife with an intelligence and sympathy which bespoke remarkable familiarity with his subject. He pleaded for better social and economic conditions on the farm as well as elsewhere. He demonstrated the worth of manual labor and urged the establishment and conduct of industrial technical schools for the rank and file of our great industries, not simply for the leaders of the people. Incidentally, he spoke a word for the right sort of light and entertaining literature.

The time was when such homely questions as those discussed by the president in his address were ignored by statesmen, who thought that statecraft had to do only with statistics, and tariffs and dry economic problems. It is a matter for congratulation that a new school of politics is arising which comes close to the people and deals intelligently with the sacred interests of the home and family, on the farm as well as elsewhere.

## All Knowledge Summarized in One Great Work.

One of the great writers of France has said that "history teaches everything, even the future," and a more recent American writer has declared that to study history "is to familiarize ourselves with the whole realm of literature, science, art, philosophy, conquest, exploration, romance and human biography."

This being true, a complete history of the world from the remotest antiquity to the present day would be a summary of all knowledge; and to master such a work would be, in a real sense, a liberal education.

Unfortunately, however, most of the great historical works of the past have dealt with a brief epoch of periods, so that many years of reading, covering numerous large separate works, were once necessary to give one a complete mastery of the world's history as a whole.

"Ridpath's History of the World" has supplied this long-felt want. This great work, charming as a delightful novel, yet historically accurate, embraces all history from the earliest days down to the present. All the fabled greatness of Egypt, Assyria, Babylon; the more recent, but still remote wonders of Greece,

Rome and Carthage; the marvels of medieval and modern times are unfolded with the skill of a master hand. Our own country, its colonization, its heroic revolution, its enthralling history as a republic, the growth of its possessions down even to the acquisition of Panama, its struggles over slavery, the tariff and other problems—all this is told, and in its true relation to all other events. The work—it embraces nine handsome volumes—is in every sense of the word complete. It is complete as a history and also as a review of science, art, literature, politics, war and peace. To follow Dr. Ridpath through its luminous pages is to acquire that eminent scholar's broad grasp of human progress in all its aspects.

The Homestead heartily commends this splendid work to its readers. We wish that it might have a place on every farmer's book shelves. It will prove a mine of instruction to any family wise and fortunate enough to secure it. It is published by the Western Newspaper Association, No. 204 Dearborn Street, Chicago, Ill., who make interesting announcements respecting it on page 12 of this issue.

## A Book on Plant Breeding.

Plant breeding is no longer a mysterious science to the farmer of the corn belt. Those who have not done scientific work along that line themselves are familiar with the character of the work as conducted at their experiment station.

The subject has recently been brought up to date in the most excellent work by Hugo DeVries, professor of botany in the University of Amsterdam. This book is devoted especially to the work of two men, namely, Dr. Nilsson, director of the Swedish Agricultural Experiment Station, and the noted Luther Burbank of Santa Rosa, Cal. The horticulturists will be specially interested in the author's description of Mr. Burbank's work, while the farmer will find much that is interesting in the description of the plant breeding work as carried on at the Swedish Experiment Station. The book is not so technical as to be beyond the reach of the average intelligent man, but it is sufficiently scientific so that its accuracy may be depended upon.

This book at its regular price, \$1.50, postage prepaid, is for sale by the Homestead Company.



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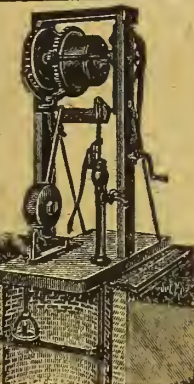
First. By buying direct from the mills you save the jobbers and dealers profits. Second. By putting it on yourself you save the expense of hiring a roofer.

We want to quote you our Beacon-ite prices. You will find them to be about one-half the cost of tin or shingles, and considerably less than any other ready roofings. We want to send you FREE samples of Beacon-ite so that you can compare its quality with others. If you want better, cheaper roofing send for our FREE samples.

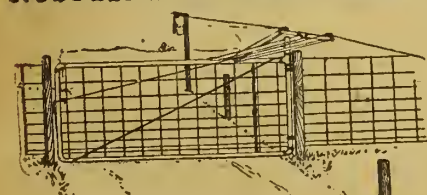
BEACON-ITE MILLS, 154 Olive St., ST. LOUIS, MO.

## Fresh Water

Get our Automatic Pumping System to supply fresh water as needed in feed lots, barns and under pressure, in house all at same time. No Tank; No Stagnant Water. Great demand for machines everywhere. Agent wanted in each county. For information write or call WESTERN PUMP & MFG. CO. Best Building, 6th & Wyandotte, Kansas City, Mo.



## Nebraska Automatic Gate.



OPENED from wagon or carriage. Any lady or eight year old child can operate this gate. All steel. Can be hung on any gate post. Nothing to get out of order. 12 ft. gate \$10. You can't afford to be without this gate for the price. Hog and cattle proof. Also Rice's Automatic Tilt Gate. Ornamental steel. Gates and rod fences a specialty. Catalog upon application. RICE BROS. MFG. CO., HARVARD, NEBRASKA.

## THE Hoover Digger

Clean, fast work. It stands the wear and tear.



Favorite in every great potato growing district. Get free catalog. The Hoover-Prout Co., Lock Box 41, Avery, O.

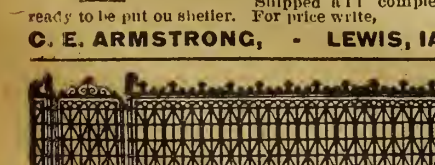
## MONEY WITH BEES

KRETCHMER, from his 45 years' practical experience, can tell you how. Write for his Hints to Beekeepers, and his illustrated catalog. It is FREE for the asking; it describes the BEST, practical, up-to-date goods, required to make MONEY with BEES.

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## Armstrong's Sheller Adjuster

NO shell fast sheller must be right height. With this device can raise or lower sheller to any desired height. Easily operated and can be attached to any sheller. Shipped all complete ready to be put on sheller. For price write, C. E. ARMSTRONG, LEWIS, IA.



Ornamental Fence cheaper than wood—for lawns, churches and cemeteries—also heavy steel picket fence—sold direct to consumer. Catalogue Free. WARD FENCE CO., MARION, IND.

## The Jewell Nursery Co.

(Box 16), Lake City, Minnesota Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1868. Hardy seeds, trees and plants. Agents wanted—Good pay.

When writing to advertisers please mention this paper.

## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### WIDOW'S DOWER.

A Subscriber, Monroe, Neb.—A married man died leaving a widow and also children by his first wife. What share of his real estate does his widow get?

Answer.—One third of it for and during her lifetime.

#### BREACH OF CONTRACT—TEACHER.

A Subscriber, Ottumwa, Iowa.—A school teacher made a contract with a school board to teach school for eight months. At the end of four months he quit, after giving the board three or four days' notice. Can the board recover damages from him?

Answer.—It can recover damages for the teacher's breach of his contract. How much, would depend on what amount it could prove.

#### INSANE PERSON—REAL ESTATE.

Mr. A. W. W., Novelty, Mo.—A is an aged single person and has always been mentally deranged and is now in a hospital, hopelessly insane. A is the owner of real estate in Missouri; B has been appointed by the court guardian of A. Has B the right and power as such guardian to sell A's real estate, and give good title to it?

Answer.—Not without an order of court. B must petition the court for an order to sell, setting forth good reasons why such sale should be made, before he can obtain such an order.

#### EXPENSES OF DRAINAGE DISTRICT.

A Subscriber, Boone, Iowa.—A slough has its source on A's land; it runs thence down upon B's land; then on the lands of C and D. Some time ago A wished to tile drain his land, and tried to make arrangements with B for an outlet. He did not succeed in this, so he discharged his drain on his own land at the division line between his land and B's, which made a good outlet. Now B, C and D wish to establish a county or district drain in this slough. Can they have part of the cost of it assessed to A?

Answer.—If B, C and D succeed in having a drainage district established, the expenses will be assessed upon all property within the general benefit caused by such improvement. In such cases the county auditor appoints three persons one of whom must be a civil engineer, to inspect and classify the lands which will be benefited, and apportion the assessment of expenses upon them. If these persons find that A's land will be benefited, they have the power to make an assessment on it.

#### VAGUE LANGUAGE.

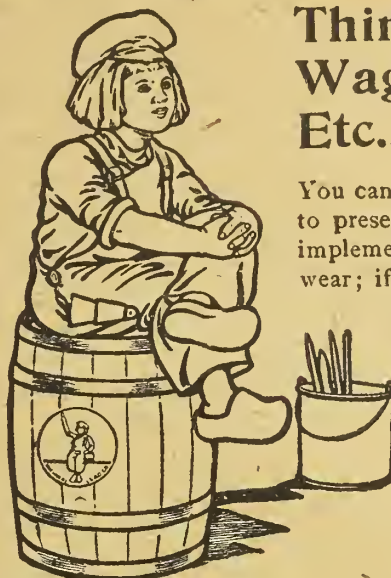
A Subscriber, Kellerton, Iowa.—At a public sale recently held by A, he sold to B the successful bidder, a sow represented to be "a thoroughbred Poland China sow," and agreed to furnish "the papers." On settlement A offered to B all necessary blanks, but not filled out or recorded. Another case, C is a breeder of Poland hogs, and sold D some brood sows, agreeing to furnish "the papers." After the hogs were paid for, and taken home by D, the papers were filled out and handed over to D, but were not recorded. In these cases what would legally be implied or meant by the term "the papers?"

Answer.—In the first case we think that probably a court would decide that "the papers" meant that A should furnish to B such a certificate of pedigree duly executed as would entitle B to have the sow he bought registered as a pure bred Poland China sow. The facts stated in the other case are so vague and dim that it is difficult to say what a court would decide in such a case. Men get into such fool trouble as this by paying no attention to the language they use in a deal. It is astonishing that men who make important deals about fine stock do not say exactly what they mean,—for instance, certificate of pedigree instead of "the papers."

#### HUSBAND AND WIFE—REAL ESTATE.

A Subscriber, Allen, Neb.—A made a deed to his wife, conveying to her certain real estate. A clause of said deed reads like this:—(hereby relinquishes his right of curtesy instead of dower) the word dower being scratched out, and the word "curtesy" written in its place. (1) What does the word curtesy mean? (2) Does that deed give the wife good title, so that when A dies his children have no lawful claim to the land? (3) If a man has good title to land can he deed it to his wife and bar out claims of his children as heirs when he dies? (4) If a deed to land is made to husband and wife does it have a different legal effect from what it would if made to the husband alone?

Answer.—(1) When a married woman owns real estate and dies without issue her surviving husband becomes entitled to a life estate in said real estate. If she leaves children by him the husband



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You can then see how necessary it is to preserve their value. Good farm implements will stand a great deal of wear; if they don't stand as much of

it as they ought to, the manufacturer will usually make good.

But no farm implements will stand continued exposure to weather without a protecting coat of good paint; and there is no one to make good loss by rot and rust but the farmer himself.

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is entitled to a life estate in one third part of such real estate. These rights which the husband has in land owned by his wife are called curtesy; that is, he is said to have an estate by curtesy, or to be a tenant by curtesy. (2) It does. (3) He can. (4) It certainly does. In one case both husband and wife become owners of the land. In the other case the husband alone is vested with title.

#### SUBSCRIPTION FOR CHURCH.

A Subscriber, Massena, Iowa.—If a man subscribes his name to a subscription for \$100 on a subscription list for the purpose of building a church, and later refuses to pay, can it be collected by law?

Answer.—If the man is financially responsible it can. A judgment can be recovered against him for the amount.

#### MARITAL TROUBLE.

An Iowa Subscriber.—A and B are husband and wife. They have a child about six months old. B deserted A without just cause, taking the child with her. In case A should sue for divorce after two years, could he be made to support the child? A has no real estate, but has some personal property. What is best for him to do?

Answer.—(1) A could be compelled to support the child in such a case. (2) Effect a reconciliation with his wife if possible, for the sake of all concerned, and especially for the child's sake.

#### BREACH OF CONTRACT—DAMAGES.

A Subscriber, Reedsburg, Wis.—A signed a contract by which he agreed to plant one acre of cucumbers for the H. J. Heintz Pickling Co. (1) Must A plant the cucumbers, or is he liable to pay damages if he does not plant them? (2) In case A is liable for damages how much would they amount to?

Answer.—A cannot be compelled to plant the cucumbers, but if he does not do so, he will violate his contract and be liable to pay damages. (2) Whatever

amount the Heintz Company could prove it suffered by reason of A failing to perform his contract.

#### LAWFUL FENCE IN NEBRASKA.

A Subscriber, Sparland, Ill.—I have a farm in Nebraska, and wish to fence it with a hog-tight fence. An adjoining owner has a three barbed wire fence on the division line; the other adjoining owner has no fence at all on the division line. Suppose they refuse to put up a hog-tight division fence, what can be done?

Answer.—You cannot compel the owner of land adjoining yours to make his part of the partition fence hog tight, but only what is deemed a lawful fence which is not hog tight. For instance: A wire fence with four barbed wires well fastened to posts one rod apart with a stay between posts, wires not to exceed one foot apart, and the fence four and a half feet high, is a lawful fence.

#### LAND AGENT—COMMISSION.

A Subscriber, Rosedale, Ill.—A employed B, a land agent to sell real estate at a certain price, and agreed to pay him therefor a certain sum as commission. B was unable to make a sale at that price, and A agreed to take \$1,000 less than the price, and if B would effect a sale at such reduced price within ten days, to pay him a commission, but if no trade was made within that time, the deal would be off, and A would consider something else. B failed to effect the sale within the ten days, and after four more days, A listed the property with another agent, reserving the right to sell it himself. Afterwards A sold the property to C for \$500 less than he authorized B to take. The contract between A and B was oral. B claims a commission. C is the man to whom B tried to sell the property. Can he recover?

Answer.—We think not. There were two contracts between A and B. The first one was abandoned and the last one was made upon a price basis of \$1,000 less than the first and limited in time to



ten days. B failed to comply with the terms of the last contract—to sell the property at the reduced price within the time agreed upon, therefore he cannot recover commission.

#### HUSBAND AND WIFE—CHILDREN.

A Nebraska Subscriber.—I own land in Nebraska, on which there is scarcely any improvement. The title of the land is in my name. I inherited the money with which it was bought, from my father. (1) In case my husband should put improvements on the land at his own expense, could he recover the value of them from me by law? (2) Where the home of a family is on land owned by the wife can the husband lawfully take the girl children away from the mother?

Answer.—(1) He could not, unless there be an understanding between you to that effect. (2) He cannot without an order of court based upon a good cause.

#### A DEAD SOLDIER.

A Subscriber, Plator Lake, Minn.—A soldier who served in the civil war, died five years ago. He drew a pension for several years before his death. I have the number of his regiment, places of enlistment, and discharge, dates, etc. I do not think he applied for or filed on any claim for government land. Let me know whether or not he is entitled to a claim?

Answer.—While living he was entitled to enter a homestead and count the time he served in the army to reduce the time required for residence and cultivation under the homestead law, but being dead he is not in a physical condition to perform the things required of a homesteader, and therefore is not entitled to a claim.

#### FRUIT TREE DEAL.

A Subscriber, Peru, Kan.—Last July a fruit tree agent came to B who is a farmer, and sold him a bill of fruit trees. About the first of September B countermanded the order by writing the agent a letter telling him that he would not take the trees. B received no answer to this letter, and in November the agent came to B's place with the trees. B was not at home, but his wife told the agent that B had countermanded the order, and would not take the trees, and to not leave them. The agent did leave the trees and said he would be back in two or three weeks, to settle about it. The agent did not come back, and B has so far heard nothing from the nursery represented by the agent. The agent claimed he did not receive the letter of countermand and can prove it by his postmaster. B has not touched the trees. They remain where the agent left them. Can B be compelled to pay for the trees?

Answer.—B could not legally get out of his contract by merely countermanding the order by letter. We suppose that the agent took a written order signed by B for the trees, to be delivered at a certain time. If this be so, B could not rescind such

contract merely because he had changed his mind, and did not want the trees. So if the agent and the nursery he represented delivered the trees according to the order given for them B is liable for the price and a judgment can be obtained against him therefor.

#### FENCES—HERD LAW.

A Reader, Glen, South Dakota.—A and B own adjoining farms. A has valuable horses. He does not want them to get cut and injured by fighting across a partition wire fence on the line between his farm and that of his neighbor, so he built his partition fence four feet inside of the line, and he wants his neighbor to do likewise, thus making a lane eight feet wide between their farms. (1) Can A compel his neighbor to do so? (2) Can the neighbor build a partition fence on the line against A's objections? (3) Can the neighbor join his fences to the fence that A built without A's consent? (4) Has that portion of South Dakota east of the Missouri river, a herd law?

Answer.—(1) He cannot. (2) He can. (3) He cannot. (4) Except as to the counties of Lawrence, Pennington and Custer, which are exempt from the herd law, it applies to all counties organized since the 12th day of March, 1885, and to all counties which were unorganized at the time of its passage in 1891.

#### TEXAS LAND.

Mrs. L. M. N., Spickards, Mo.—A and B are husband and wife. Each one owns land in Texas. (1) In case the husband should die first how would the lands be divided? (2) In case the wife should die first how would the lands be divided? (3) Can each of them make a will that will hold good? (4) What division would be made of personal property?

Answer.—(1) One-third of the husband's land would go to the surviving wife for her life, then to her children. The other two-thirds would go at once to his children. (2) In case the wife should die first, her land would be divided the same way between her children and her surviving husband. (3) Each one can make a good will. (4) If they live in Texas, one-third of the personal property of the deceased one would go to the survivor, the other two-thirds to the children of the deceased one.

#### WASTE OF RENT CORN.

A Subscriber, Lamoni, Iowa.—A leased his farm to B for grain rent, reserving only the right to store corn in the crib, which was located in the hog lot on the rented premises. B put the rent corn in the crib; then A bought corn and finished filling the crib. (1) B's hogs ate the overthrow corn and A demands that B pay him for it. Can A recover? (2) The corn is to be moved. While this is being done, must B shut his hogs up?

Answer.—(1) There should have been no overthrow corn at all. If B, in putting the rent corn in the crib, allowed his hogs to eat part of it, he is liable to A for its value. B is not liable for the corn eaten by his hogs while A was finishing the filling of the crib. (2) He is not required by law to do so. If A in moving the corn allows some of it to drop on the ground so that the hogs get it, he must bear the loss.

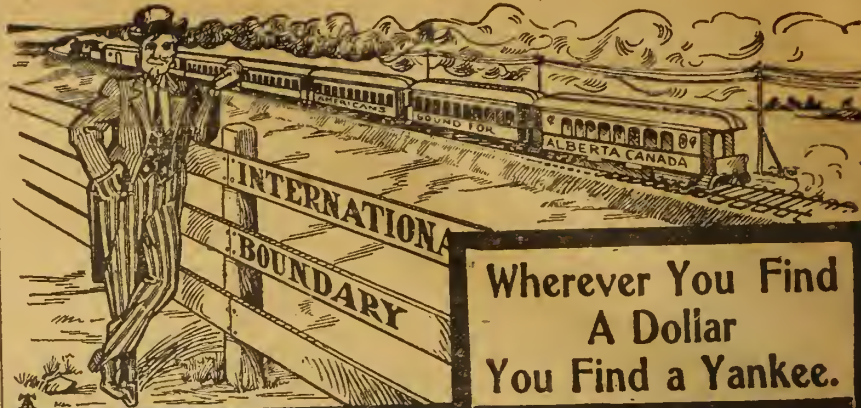
#### U. S. CITIZENSHIP.

An Iowa Subscriber.—A has been in the United States five years, and has his first naturalization papers. (1) Can he vote at a common school election? (2) In case he does, could B cancel his vote, and oust the director elected at such election? (3) Can A be lawfully elected and hold the office of director?

Answer.—(1) He cannot. Section one of Article two of the constitution of Iowa provides that every male citizen of the United States of the age of twenty-one years, who shall have been a resident of the state six months, and of the county sixty days, shall be entitled to vote at all elections. The same qualifications are required of a voter at a school election that are required at other elections, except that women may vote at a school election. A foreigner does not become a citizen of the United States until he is admitted to citizenship. First papers are not sufficient. (2) If a foreigner, with first papers only, should vote, his vote should be cast out, but that would not necessarily oust the director then elected. (3) He cannot.

#### R. H. Hadley's Sale of Short-horn Cattle.

May 22d was a fine day on which to hold a public sale and Mr. R. H. Hadley, of New Providence, Iowa, was favored with the best of weather. A splendid crowd greeted Col. A. P. Mason when he ascended the auctioneer's block. While the sale was in the name of Mr. Hadley, yet several of his neighbors contributed to the sale. The sale was well conducted and all was done that could be to make the sale pleasant and agreeable to the visitors. There were no so-called straight Scotch cattle outside the herd bull, Golfman 2d, owned by Mr. Hadley. This great bargain went to Mr. Henry Swart, of Eldora, Iowa, at the bargain-counter price of \$160. This was perhaps the greatest sac-



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pleted. Thousands of acres are now under irrigation ditches and are being offered for sale at prices so low that every man should have a farm.

In a few years more the low priced land will be gone—settlers are entering the last great west in hundreds and thousands—Prices of farming lands are bound to rise by leaps and bounds and the man who buys now in the right spot is the man who will reap the harvest of dollars.

The right spot is the great irrigated tract of the Canadian Pacific and anyone who takes the trouble to write and find out about it cannot help but acknowledge that the best opportunity for investment in farming lands is here.

We don't ask you to buy until you are thoroughly satisfied—The only way you can be satisfied is to send us your name and address and let us tell you how to visit this favored locality at small expense and see for yourself.

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Calgary, Alberta, Canada.

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Sales Department, Canadian Pacific Railway, Irrigated Lands.

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### A METAL BALL

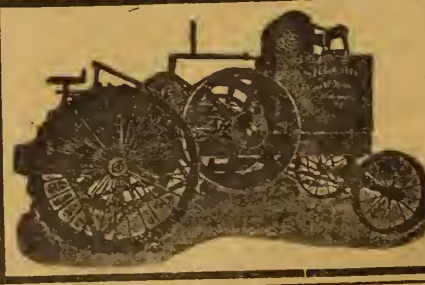
Of non-corrosive babbit resting on a rubber seat forms the valve guaranteed for 5 years in this Hawkeye Automatic Hog Waterer. Leakage is therefore impossible as the union is close, without sticking. Substantially constructed and large enough for four hogs to drink together. Recommended by agricultural colleges and practical breeders. Thousands in use. Satisfaction guaranteed or money refunded.

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rice Mr. Hadley made on his entire lot. The young bulls sold more snappy than did the females, yet no high prices were obtained for anything. Messrs. John Lister, of Conrad, Iowa; Lewis Bros., of Bangor, Iowa; and Jacob Kinzer & Son, of Bangor, Iowa, were contestants and bought the best cattle. Those selling at \$100 and over are reported below with buyers' names and addresses:

#### COWS.

Orange Bell, two years, sire Hampton Fashion, Lewis Bros., Marshalltown, Iowa . . . \$120.00  
Golden Blossom 4th, three years, sire Duke of Oakland, John Lister, Conrad, Iowa . . . 160.00  
Glendale Phyllis 2d, two years, sire Roan Duke of Riverside, Jacob Kinzer & Son, Bangor, Iowa . . . 100.00

Maid of Honor, three years, sire Duke of Oakland, Carl Sparhoe, Ellsworth, Iowa . . . 105-00  
Bonnie Leslie, five years, sire Double Victor, and b. c., E. Mason, Union, Iowa . . . 120.00

#### BULLS.

Golfman 2d, three years, sire Golfman, Henry Swart, Eldora, Iowa . . . 160.00  
Lord Trooper, one year, sire Red Trooper, H. H. Brunemer, Hubbard, Iowa . . . 125.00  
Billy Hampton, one year, sire Hampton's Fashion, J. N. Lynch, Green Mountain, Iowa . . . 122.50

#### SUMMARY.

31 females . . . \$2,301.50; average . . . \$74.29  
15 bulls . . . 238.50; average . . . 72.13  
46 head . . . 3,383.50; average . . . 73.55

### 10 Points to Consider When You Buy A Buggy.

Buy direct from the factory. My \$45 Knox Special Top Buggy is sold that way. No dealer's profit for you to pay. No salesmen or jobbers for me to pay to sell my buggies. I sell direct to you. Get my Knox Buggy on 30 days' trial. Use it a month, test it in every possible way, and send it back if not satisfied. And I will pay the freight both ways.

Be sure your buggy is guaranteed by a reliable maker. I guarantee the Knox for two years. That is another advantage of dealing directly with me.

My \$45 Knox Top Buggy is a comfortable rider. It has a wide, roomy seat. That very same buggy at your



local store sells from \$75 to \$90. So you easily save \$30 in jobber's and dealer's profit.

The body is 24 inches by 54 inches. The gear is oil tempered. Long distance, full clipped axles. Easy riding spring. Full plated reaches.

The shafts and wheels are guaranteed to be split hickory. Oval edge tires.

My Knox buggy is handsomely painted and tastily upholstered.

It has a four bow leather top. In short, it's the leader of my big line of buggies, carriages and vehicles of all kinds. Remember, I sell them all straight from shop to buyer, guaranteed, and a big saving to you.

Send for my big buggy book. It's free. Tells more about my line. But order my \$45 Knox Buggy now, right from this advertisement. You are safe. Address

R. M. Knox, President, Western Harness & Supply Co., 613 Commercial St., Waterloo, Iowa.

P. S. Have been advertising in The Iowa Homestead for six years.

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## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## Story of Gold and Gilt.

To the Editor of The Homestead:

At the Illinois Experiment Station are two cows, the story of whose work is well worth telling. They were brought up alike on a farm near Elgin, Ill., and obtained their early education in the same herd of 100 cows. Here at the university, with the very same surroundings and equal opportunities, they have drifted far apart in character, and their progress has been in opposite directions. It is not a difference of hide, or horns, or temper; it is not that one is wild and the other a pet. It is not a difference of beauty or intelligence, but solely a difference in the way they have worked, a difference in the money they have earned for the owner.

All the milk of these cows has been weighed and tested for three years. A record has been kept of every pound of feed consumed by each animal, both summer and winter.

Each year Gold produced on the average 11,390 pounds of milk containing 405 pounds of butter fat, but during the

same time, Gilt averaged only 3,830 pounds of milk with 138 pounds of butter fat.

These cows were both cared for in the same way; they were given the same kinds of feed and allowed to eat all they wanted. Gold ate one-half more than Gilt, but produced nearly three times as much milk.

Equal amounts of feed made in the one case 188 pounds of butter fat, and in the other 100 pounds. The one cow produced nearly twice as much as the other from exactly the same feed in kind and amount.

Counting the butter fat at twenty-three cents a pound, and taking out the exact cost of feed in each case, the one cow brought in a profit of \$34.59, while the other lacked \$5.62 of paying for her board at market prices of feed, each year.

This comparison, exact and complete for three years and including the record of both milk and feed, means a great deal more than a single year's comparison or one in which it is necessary to introduce an estimate.

It would be very gratifying indeed if it could be truthfully said that these two records are extreme and exceptional and therefore do not stand for any general condition of the dairy business in Illinois. But the very opposite is true. Illinois Exp. Station. W. J. Fraser.

## Butter Fat Variation.

To the Editor of The Homestead:

The following questions asked by one of your subscribers living at New Hampton, Iowa, have been submitted to me for reply:

Can you explain why the test of butter fat should fall from 50 to 80 per cent on the same amount of feed and the same quality? Will milk produced from corn, oats, barley and hay test lower than milk from timothy alone? Also, will milk produced from corn and hay test lower than corn, oats, barley and hay? Why should milk test 4.20 at one creamery and the same milk test 3.20 at another? Where can I send my milk samples to have them correctly tested? Why should a man's milk test lower last month than in five years, including winter and summer, with the same cows and feed?

The increase in flow of milk at this time of year, due to an abundance of green feed, might cause a slight decrease in the test, but not to such an extent as you speak of.

A sudden change from corn, oats, barley and hay to hay alone would reduce the flow of milk materially, and as a consequence the fat test would be abnormally high for a while but would come down to the normal test in a short while. It has been found by experiment that it is possible to increase test of milk by feeding foods rich in fat content. However, as was shown, cows poorly cared for and receiving scanty food often test very high although the yield is very low.

The same milk should test the same wherever it is tested, although great care must be exercised if a representative sample is to be secured. The milk should be thoroughly stirred before sampling. The fat comes to the top with surprising rapidity, so it is essential that the sample be taken directly after stirring. If not, the sample taken from the bottom and the one taken from the top will have a variation in test, the

IMPORTANT  
CROP FACTS

Farmers generally in almost every section are very "blue" over the unfavorable grain crop outlook at this time, but there is one crop that they need not feel doubtful about and which becomes of more than usual importance to them by reason of the uncertain outlook as to other crops, and this is the MILK CROP, which continues month in and month out and of which it has well been said "the harvest never ends."

There is nothing doubtful about the outlook for the MILK CROP. Dairy product prices have been high and promise to continue so. The uncertainty about other crops makes it all the more important to make the most of the one that is sure. There is only one way to make the most of it, to be certain of recovering all the butter-fat with the least effort and under the most favorable conditions, and that is with the help of

## A DE LAVAL CREAM SEPARATOR

Every farmer with milk to separate needs a separator, and there never was a better time to make the purchase of one. There can hardly be good reason to defer putting in a machine or replacing a poor one with a DE LAVAL. Machines are made in all sizes to meet all conditions, and may either be bought for cash or on such liberal terms that they will actually save their own cost while you are paying for them. Catalogue with full particulars is to be had for the asking.

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Wide awake farmers want the cream separator that skims the cleanest. It means more profit—better living. That separator is the Sharples Dairy Tubular—the separator that's different.

Sharples Dairy Tubulars have twice the skimming force of any other



separators—skim twice as clean.

Prof. J. L. Thomas, instructor in dairying at the agricultural college of one of the greatest states in the Union, says: "I have just completed a test of your separator. The skimming is the closest I have ever seen—just a trace of fat. I believe the loss to be no greater than one thousandth of one per cent."

That is one reason why you should insist upon having the Tubular. Tubulars are different, in every way, from other separators, and every difference is to your advantage. Write for catalog S-121 and valuable free book, "Business Dairying."

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You put your money in the strongest, safest, "most certain" bank you can find—a National Bank—because it's backed by the Government. That's the only kind of a Cream Separator you will find it safe to buy—a "National" because it is backed by 40,000 satisfied users, 1000 dealers who heartily endorse it, and by us, the reliable makers, who Guarantee it to you. Let us send you 100 Reasons why The National Cream Separator will do for you everything that any other Separator can do—do it better and in three-fourths of the time. Let us tell you what others say—how it pays for itself faster—gets more Butter-Fat—runs easier than others so even a boy can run it—why it's the easiest cleaned with only 2 parts to clean in 3 minutes. Read what this man says:

"We have used a NATIONAL for 7 years and it is doing as good work as ever. Have made the price several times in extra cream it saves. Simply could not get along without The National. We sell cream for ice cream. It runs light and is easy to clean."  
—M. W. MORELAND, New Haven, Pa.

Don't skim your milk and lose 1/2 of it. Write us and let us arrange for you to have a demonstration of what a National will do saving cream and money and hard work for you. We are perfectly willing to have you try a National for 30 Days before buying it.

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some Catalog in Colors  
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Only  
2 Parts  
to Clean  
in 3 Minutes

Write for our Free Hand-  
some Catalog No. 133, in col-  
ors, addressing nearest office.

**THE NATIONAL DAIRY MACHINE CO., Goshen, Ind.**  
**THE HASTINGS INDUSTRIAL CO., Chicago, Ill.**

Stands  
Only  
48  
Inches  
High

Just Write the Davis Boys  
For a Catalog and Prices Today

They will send it by return mail post-paid and you will be surprised at the low, reasonable prices they are asking for their improved 1907 model

**DAVIS CREAM SEPARATOR**  
direct from their large factory. They'll quote you save you 20 to 50% if you want to buy a standard, up-to-date cream separator. Note cut of new machine in this ad. It's a little beauty with the small, wonderful, cone bowl, always in balance because it's made so true it balances itself. There's fore bound to run easier, more easily regulated to skim close and produce heavy or thin cream. Low supply can, large capacity, simple enclosed gearing, easy running, easy to clean. It's made of best materials and fully guaranteed. They prepay freight and guarantee safe arrival at your nearest depot. Say on a postal or in a letter right now. "Send me your Money Saving Catalog No. 116" **Davis Cream Separator Co., 54 L. North Clinton St., CHICAGO, U. S. A.**

We Manufacture the Davis

amount of which will depend upon the time the milk was allowed to stand.

There might be several reasons for your test being low last month. A large number of fresh cows would reduce the test some, as milk tests a little lower at the beginning of the lactation period than at the end. The early spring with its abundance of grass would suddenly increase the flow of milk to such an extent that the test would fall off a little. The variation would probably be no more than about 4 per cent.

Because the test falls off a little is by no means any reason for thinking that your cows are not doing well, for the increase in flow of milk would make the actual number of pounds of fat very much greater. Herman Horneman.  
Story county, Iowa.

Early cultivation is what does the most good. Plow the berry middles as early as possible, throwing the dirt away from the plants. Then go over the rows with hoes to clean out weeds and grass. Next, work the earth back to the plants with harrow and cultivator. A one horse disk is a fine tool for this. If your raspberries need a support, stretch a single wire about two feet high over the row and tie the canes to it or bend them over to the opposite side so they will stand up. Red raspberries need no support. Instead of drawing a furrow, try planting raspberries and blackberries with a spade. Prepare the ground fine and well compacted, as for strawberries, mark the rows with marker or line and then set with the spade exactly as with strawberries, making a cleft in the ground, slipping the roots in and closing it with the foot. This is far the quickest and easiest way and is just as good as planting in a furrow.

The Homestead and the Homemaker  
\$1.25 per year.

SILO AND ENSILAGE  
CUTTER.

I EXHIBITED a Silo and Ensilage Cutter at Iowa State Fair, seasons of 1905 and 1906. There were about 10,000 farmers who saw the exhibit and who told me they were thinking of building one this season. Anticipating some shrinkage I have arranged to take care of 5,000 of them, and am now ready to hear from you.

**H. C. HARGROVE,**  
316 E. Walnut St., Des Moines, Iowa.

Traction Engines  
For Sale.

We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, and that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

**THE O. S. KELLY MFG. CO.,**  
IOWA CITY, IOWA.

**SCALES**  
U.S. STANDARD  
FREE CATALOG  
ALL STYLES—LOWEST PRICES—  
**AMERICAN SCALE CO.**  
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## LIVE STOCK SALES

## The Fair Acres Dispersion.

The dispersion of the Fair Acres Herefords, owned by Mrs. C. S. Cross, of Emporia, Kan., on May 15th, may well be classed among the successful sales although prices might have ruled higher and yet come within the limit of conservatism. Every animal sold bids fair to give good returns to the purchaser. Mrs. Cross did not murmur, but showed plainly that the scattering of the herd was to her a loss of work in connection with a business to which she was thoroughly devoted. The top of the sale was the herd bull Christy, bought by Miss Lou Goodwin, of Blue Rapids, Kan., at \$530. The next highest price was \$300, paid by Mr. C. G. Steele, of Barnes, Kan., for the yearling bull, Bellairs. Mr. Steele was the contesting bidder on Christy. The top on females was \$250, paid by Prof. R. J. Klnzer, of the Kansas Agricultural College, for Lot 45, a Tranquility heifer. She is a free martin heifer and goes to the college for demonstration purposes. Professors Mumford, of the Missouri Agricultural College; Smith, of the Nebraska Agricultural College; and Professor Kinzer were looking after Mrs. Cross' steers. Matchless went to Missouri at \$86, Cleo went to Nebraska at \$57.50 and Albion Real went to Mr. R. M. Hall, of Cambridge, Neb., at \$50. Mr. Hall was one of the good bidders on the breeding stock. Colonels Woods and Bellows conducted the sale. Following is a list of all sales over \$100 and the averages, the steers not included:

## BULLS.

Bellairs 234414, twenty months, C. G. Steele, Barnes, Kan.	\$300
Betham 234415, yearling J. C. Darr & Son, Plymouth, Kan.	105
Christy, two years, Miss Lou Goodwin, Blue Rapids, Kan.	530
Dehonair 2d 260785, yearling, D. M. Sutton	105
Happy Real 234426, sixteen months, R. M. Hall	110
Java Beau Real 260793, twenty months, T. H. Gideon	130
Merry Real 234436, nineteen months, A. & P. Schmitz, Alma, Kan.	150
Micmac 234437, twenty months, D. W. Sutton	105
Osmyn 234440, nineteen months, Jas. Edwards	100
Saxon—Beau Real 260796, twenty months, I. A. Lambert, Emporia, Kan.	105
Thor 234444, eighteen months, W. H. White, Council Grove, Kan.	145
Valmond 2d 234446, twenty months, T. E. Welch	100

## COWS.

Clarchen, four years, I. A. Lambert	200
Farlee's Pride, seven years, G. W. Newman, Emporia, Kan.	150
Blossom, six years, and b. c., G. W. Lemly, Emporia, Kan.	235
Doris, two years, and c. c., T. H. Gideon, Adrian, Kan.	175
Diana, eight years, and c. c., A. & P. Schmitz, Alma, Kan.	170
Dinorah, yearling, D. A. Lee	140
Dewdrop 3d, eleven years, A. C. Jones, Olpe, Kan.	130
Snowdrop, seven years, and b. c., A. Sweazey, Olivet, Kan.	140
Sweetheart, and c. c., Geo. & J. O. Snyder, Admire, Kan.	110
Constance, two years, and c. c., G. W. Newman	125
Trulove, four years, same	175
Lenora, yearling, J. C. Darr & Son, Plymouth, Kan.	100
Thankful, five years, and c. c., Geo. C. Lemley, Emporia, Kan.	225
Twinkle, two years, and b. c., Roger Jones, Reading, Kan.	100
Bethiah, four years, G. W. Newman	150
Bonita, three years, same	220
Betsy Rea, eight months, same	110
Faith Mortimer, six years, same	110
Faith, twenty months, R. M. Hall	100
Electress, five years, T. E. Welch, Hartford, Kan.	100
Electress 2d, twenty months, Nebraska Agricultural College, Lincoln	110
Lady Matchless 5th, seven years, R. M. Hall	140
Lady Matchless 6th, twenty months, C.	

G. Steele	125
Sweet Alice 3d, five years, T. E. Welch	100
Fairy Lady, nine years, A. Sweazey	185
Fairy Lady 3d, twenty months, Jno. Guthrie, Dunlap, Kan.	125
Capitola 18th, six years, and c. c., C. A. Stannard	205
Lady Capitola, fifteen months, same	150
Young Lassie, six years, G. W. Newman	120
Lass, two years, Kansas State Agricultural College, Manhattan	250
Donation, twenty months, C. G. Steele	140
Hazleta, two years, Thomas Evans, Hartford, Kan.	100

## SUMMARY.

20 bulls	\$2,600; average	\$130.00
44 females	5,635; average	128.00
64 head	8,235; average	128.67

## Kuper Makes Good Short-horn Sale.

The sale of Short-horn cattle made by Mr. Henry Kuper, of Humboldt, Neb., on May 28th, was a very satisfactory one, the whole consignment being disposed of at an average of \$127.55. In no one sale outside of Omaha has so many good, high-class Scotch cattle been offered in one auction, and the great crowd of breeders that gathered to this sale showed that this was the kind of cattle that is being appreciated at this time. The top price of the sale was \$570 paid for the great cow, Scottish Daybreak, by the great breeding bull, Imp. Prince Oederic. She is conceded the greatest pure Scotch milking cow known to the Short-horn breed. The Scotch females that were safe in calf to Mr. Kuper's herd bull, Secret Champion, seemed to be in good demand and any man getting one of these surely has something that he can be proud of. Below is a list of those selling at \$100 and over:

## Gudgell &amp; Simpson Held a Successful Sale of Herefords.

Messrs. Gudgell & Simpson, of Independence, Mo., held another successful sale at Kansas City, Mo., on May 2d. Representative breeders were present from Illinois, Missouri, Nebraska and Kansas. Col. Edmonson opened the sale with very appropriate remarks, introducing to the audience Mr. John Gosling, of Kansas City, Mo. Mr. Gosling's connection with the Hereford breed dates back beyond the date on which old Anxiety was led on the boat for shipment to America and his remarks were received with deep interest by all, even to his experience of personally leading this grand old father of all the Anxiety's onto the boat for shipment to America. The offering was composed of two-year-old heifers and young bulls just passing one year of age and were presented in just nice breeding condition. More flesh

## Hay Makers Implements

### Clean Sweep Loader

The business hay loader, but not the kicking kind. Does not bunch, wad, tangle nor thresh hay, and does not elevate manure nor trash. Divides a swath—the only machine for satisfactory cloverseed gathering. Works on hillside or level, in wind or calm. Carrier raises as load increases. Detach without getting off load. Light draft, strong and durable.

## SANDWICH Side-RAKE

### TEDDER AND RAKE IN ONE—BETTER THAN EITHER

Does not rope the hay, but teds it into light, fluffy windrows so it cures perfectly. No need for second stirring, which breaks up stems and leaves. It rakes clean and it requires no damping. The easiest of all rakes to operate, a boy old enough to drive can do it. Best Pair Hay Making and Saving Tools on the Market. Send for catalog and get all particulars.

**SANDWICH MFG. CO.,**  
143 Main St., Sandwich, Ill.

might have brought Gudgell & Simpson a few more dollars, but the buyers got these cattle in the best possible condition for future usefulness. Prices ruled very even and on the forty-seven lots an average of \$149.70 was made. The top of the sale was \$385, paid by Geo. F. Smith, of Craig, Neb., for Beau Roosevelt, a thirteen months son of Beau President. The \$300 mark was reached on three other animals and the evenness of prices throughout the sale indicates the uniformity of the Gudgell & Simpson cattle. Cols. Edmonson, Sparks and Zaun were the auctioneers. Following is a list of all sales of \$100 and over:

## FEMALES.

Bonny Lulu 22d, 2-years; M. J. Hildebrand, Lostant, Ill.	\$145
Capitola 28th, 1-year; A. M. Nash, Tracy, Minn.	300
Dainty 15th, 2-years; M. M. Edmonson, Kansas City	170
Domestic 15th, 2-years; T. W. Whittenberg, Pleasant Hill, Mo.	145
Domette 3d, 1-year; A. M. Nash	300
Donna Anna 27th, 2-years; J. A. Larson, Everest, Kan.	160
Gestic 2d, 2-years; M. J. Hildebrand	105
Graceful 2d, 2-years; M. J. Hildebrand	100
Grannary 3d, 2-years; D. A. Lee, Dunlap, Kan.	110
Grandeur 4th, 2-years; M. J. Hildebrand	110
Greatly 2d, 2-years; R. E. Edmonson, Kansas City, Mo.	105
Gloomy 2d, 2-years; M. J. Hildebrand	175
Goddess, 2-years; M. J. Hildebrand	120
Gratify 2d, 2-years; H. M. Edmonson	130
Mable 12th, 2-years; E. E. Young, Lexington, Neb.	180
Mariette 21st, 2-years; F. E. Davis	185
Miss Callie 2d, 2-years; R. E. Edmonson	200
Penelope 3d, 2-years; E. E. Young	180
Pertinent 14th, 2-years; E. E. Young	195
Petrolia 9th, 2-years; A. M. Nash	255
Petunia 19th, 2-years; T. P. Whittenberg	180
Petunia 20th, 2-years; M. J. Hildebrand	175
Honora 8th, 2-years; T. P. Whittenberg	155
Sprite 18th, 2-years; A. M. Nash	280
Welcome 19th, 2-years; R. E. Edmonson	200
Wenona 8th, 2-years; E. A. Lee	100

## BULLS.

Beau Dominant, 1-year; W. A. McVey, Trenton, Mo.	\$125
Beau Roosevelt, 1-year; George F. Smith,	

Craig, Neb.	385
Don Jose, 1-year; F. E. Davis, Bronaugh, Mo.	150
Gasconade, 1-year; John A. Dooley, Salt Lake City, Utah	130
Gladmont 3d, 1-year; John A. Dooley	105
Galstonbury, 1-year; John A. Dooley	105
Grammian, 1-year; Peter Koch, Baileyville, Kan.	120
Mainstay, 1-year; J. E. Phillips, Canadian, Tex.	300
Patriot, 1-year; F. M. Gray, Blairstown, Mo.	200
Saturff, 1-year; Charles Struebin, Holden, Mo.	105
Cameron, 1-year; W. S. Allen, Raymore, Mo.	140

## SUMMARY.

30 females sold for \$46.80, average	\$156.00
17 bulls sold for \$2,355, average	138.53
47 head sold for \$7,035, average	149.70

## HAY PRESS SALESMAN LOSES JOB.

Every prospective buyer of a hay press is now his own salesman. Formerly the salesman came to you. Instead of that you go to see the real full sized press as it stands set up in the shop of your nearest agent. In other words every buyer is given the best deal that any arrangement can give. The company that is making this offer is a large Kansas City firm. Their leader in hay presses is what they call the "New Century." It is a full circle, all steel, self feed press. It stands up to the work which saves the work of removing the wheels. Two or three strokes to the round may be had. Now you will want to know more of this offer and if you will write the company they will tell their nearest shipping point and other things for you to know. Address, Western Steel & Wire Company, 105 Osage Ave., Kansas City, Kan. See page 4.

## THEY WANT YOUR WOOL.

The Adams Seed Company has made arrangements to contract for a large eastern firm all the wool they can secure. To that end they are prepared to buy your crop of fleeces and will pay the regular market prices, generally better than can be secured at home. Sacks and twine will be furnished shippers on request. See their references on page 15. When writing kindly mention The Homestead. Address, The Adams Seed Co., Decorah, Iowa.

OHIO



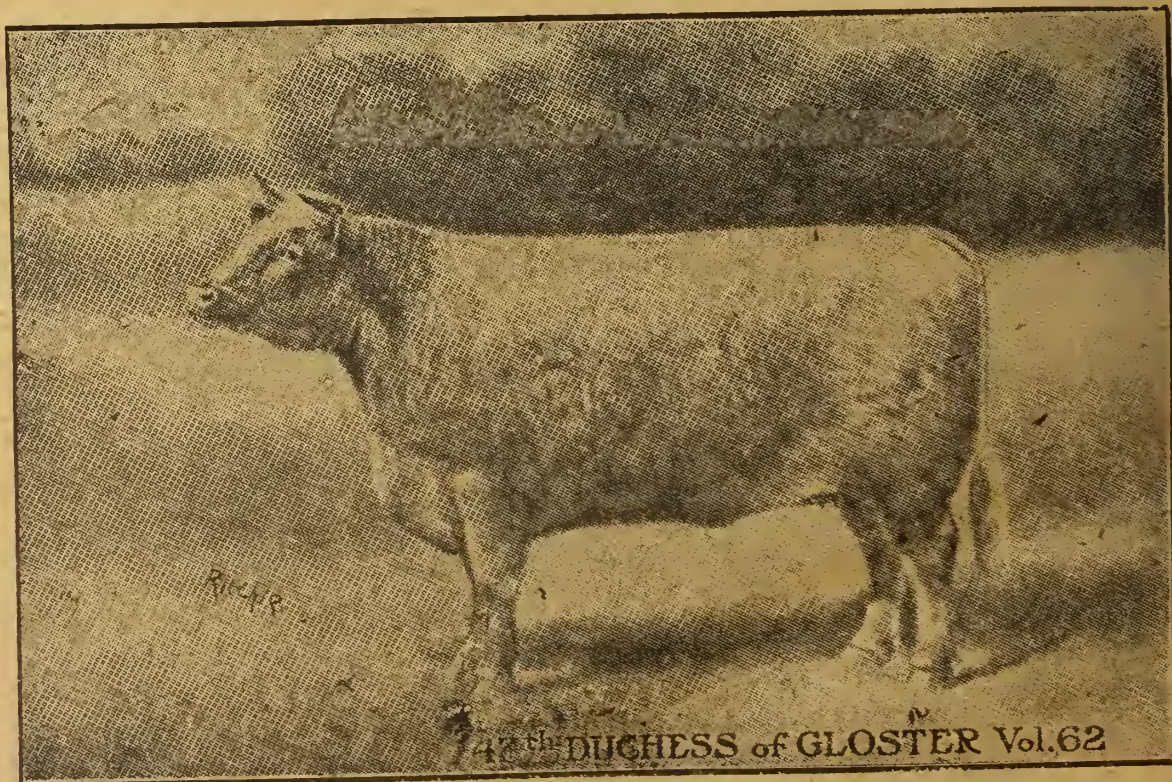
80 BALES AN HOUR IS EASY

and they are smooth and solid. It's an all-steel press, angle steel frame with angles turned out. Strong where strength is needed.

## Automatic Friction Clutch

stops press instantly. FOOT BUTTON BLOCK DROPPER, drops right time and right place. Returns automatically. "New Idea" feeder—no play or lost motion and no rolls to run through. When you start up with an Ohio Power Press the work goes right along. No chance for breakage and no repair bills. No question but that it is the press of durability, speed and economy. Send for catalog and investigate.

THE OHIO CULTIVATOR CO.,  
DEPT. 13  
BELLEVUE, OHIO  
Our two-horse self feed press is the best built.



47th Duchess of Gloster. Illustrated above was got by the pure Cruickshank bull, Orange Viscount, and was out of 45th Duchess of Gloster. She was the senior yearling shown by Thomas, Jameson & Mitchell, of Allen, Kan., in 1906 and sells in their sale at Kansas City, Mo., June 13th. As a two-year-old she promises better than ever before and should be carried on for the fall shows. Her dam sells with roan bull calf at foot, a full brother to the 47th Duchess of Gloster.



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

WHITE ROCKS—Won five prizes at Oelwein. 15 eggs, \$1.50. George Blake, Oelwein, Iowa.

HIGH Scoring White P. Rock eggs. 50 for \$1.50. Mrs. J. Holmgren, Gilmore City, Iowa.

BUFF ROCK eggs, \$1.00 for fifteen. Mrs. J. W. Martin, Mason City, Illinois.

## LEGHORNS.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York, prize winners. 25, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

JOHNSON'S laying strain R. C. Brown Leghorns. Every day layers in winter. Score 93; sitting, \$1.00. Send for circular. C. M. Johnson, Formosa, Kan.

ROSE COMB W. Leghorn Eggs, 50cts. per sitting; \$3.00 per 100 for balance of season. Circular. M. F. Hornung, Alden, Minnesota.

S. O. W. LEGHORNS, exclusively, standard bred. Choice select eggs, 15, 75 cts; \$3.00 per hundred. Geo. Gaul, Tipton, Iowa.

## RHODE ISLAND REDS.

SINGLE Comb Reds, exclusively. Eggs from prize winners at reduced price in June. Hites Bros. Route 2, Beacon, Iowa.

## WYANDOTTES.

WHITE Wyandotte Eggs, \$1.00 per 15; \$1.50 for 30; \$4.00 for 100 from birds scoring 93 to 98. \$2.50 per 100 from range flock. Mrs. Ira J. McKinley, Melrose, Iowa.

SILVER LACE WYANDOTTES, exclusively. Guaranteed eggs. Circular free. John A. Johnson, Route 1, Dayton, Iowa.

## LANGSHIANS.

BLACK Langshan eggs from high scoring and prize winning birds, \$2.00 for 15; \$3.50 for 30. Philip Stalcup, Lorimer, Iowa.

## MISCELLANEOUS POULTRY.

WHITE Guinea Eggs, \$1.50 per 15. White Lily Poultry Yards, Union, Iowa.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

## DOGS AND BIRDS.

DOGS AND BIRDS—Dogs, pigeons, poultry, rabbits, ferrets, cattle, sheep and swine for sale. 10 cents for 60 page illustrated catalog. Charles H. Landis, Dept. F, Reading, Pennsylvania.

## TOBACCO CURE.

TOBACCO CURE—Harmless home treatment. Cures every time. Information for 2 cent stamp. The N. K. Co., Wichita, Kansas.

## POEMS.

THE RIVER BEND and other poems, The Hussey. Sent to my address, prepaid, one dollar. The Hussey, Des Moines, Iowa.

## HORTICULTURE.

CELERY PLANTS—500,000 transplanted Celery plants. 15 varieties. Send for price list. W. B. Dutrie, Rahway, New Jersey.

## Forbes-Prather-Ayres-Hanna Short-horn Sale.

Good values were the rule in the sale of Short-horns from the herds of Messrs. I. M. Forbes & Son, J. F. Prather, F. W. Ayres and D. R. Hanna which was held in Chicago on Thursday, May 23d. Messrs. Carpenter & Ross, of Mansfield, Ohio, topped the sale, paying \$725 for Moss Rose 4th, a show cow consigned by Mr. Hanna. Mr. Thos. Johnson, of Columbus, Ohio, secured a bargain in Queen of Scots 19th, consigned by Messrs. I. M. Forbes & Son, at \$535. The bull offering was topped by Mr. R. C. Jones, of Oregon, Wis., who secured the good son of Imp. Bapton Diamond, Diamond's Mariner, consigned by Mr. D. R. Hanna, at \$600. No sensational prices were received and those present were able to get good Scotch cattle at very reasonable prices. Colonel Woods conducted the sale and was ably assisted by Colonel Bellows and Jones and Manager McGavock in the ring. A list of animals selling for \$100 or over is given below:

### FEEMALES.

Queen of Scots 19th, calved March 6, 1902; sire, Imp. Royal Robin. Consigned by I. M. Forbes & Son. Sold to Thomas Johnson, Columbus, Ohio. \$585  
Star's Red Queen, calved April 9, 1900; sire, Imp. Star of the North. Consigned by I. M. Forbes & Son. Sold to H. C. Stuart, Richmond, Va. 170  
La Belle 2d, calved Feb. 21, 1905; sire, Imp. Cock Robin. Consigned by I. M. Forbes & Son. Sold to H. C. Stuart. 500  
Linwood Clara, calved Sept. 15, 1904; sire, Imp. Cock Robin. Consigned by I. M. Forbes & Son. Sold to Earles & Stanton, Oakwood, Wls. 240  
Scotch Rose 3d, calved Sept. 22, 1905; sire Imp. Cock Robin. Consigned by I. M. Forbes & Son. Sold to A. J. Ryden, Abingdon, Ill. 200  
Gem of Linwood, calved Jan. 5, 1905; sire, Imp. Cock Robin. Consigned by I. M. Forbes & Son. Sold to D. R. Hanna, Ravenna, Ohio. 300  
Moss Rose 4th, calved Nov. 5, 1902; sire Imp. Crescent Knight. Consigned by D. R. Hanna. Sold to Carpenter

& Ross 725  
Imp. Cluny Flora 85th, calved March 13, 1901; sire, Royal Pride. Consigned by D. R. Hanna. Sold to F. O. Lowden, Oregon, Ill. 400  
Imp. Miranda, calved Jan. 1, 1899; sire, Prince Victor. Consigned by D. R. Hanna. Sold to M. E. Jones, Williamsville, Ill. 160  
Silver Necklace, calved June 21, 1902; sire, Imp. Silver Mist, and b. c. Consigned by D. R. Hanna. Sold to N. W. Walsh, Verona, Ill. 100  
Silverine, calved Feb. 5, 1903; sire, Imp. Silver Mist, and c. c. Consigned by D. R. Hanna. Sold to A. J. Ryden, Abingdon, Ill. 505  
Early Bud 8th, calved Jan. 6, 1905; sire, Imp. Brave Ythan. Consigned by D. R. Hanna. Sold to F. W. Harding, Waukesha, Wls. 435  
Secret Sultana 12th, calved Jan. 16, 1902; sire, Victor Brawlth, and c. c. Consigned by D. R. Hanna. Sold to Carpenter & Ross. 350  
Augusta of Cargill, calved March 24, 1905; sire, Imp. Golden Drop Victor. Consigned by D. R. Hanna. Sold to S. M. Quaw, Wausaw, Wls. 175  
Imp. Marigold 4th, calved Jan. 23, 1900; sire, Diamond Jubilee. Consigned by F. W. Ayres. Sold to D. R. Hanna, Ravenna, Ohio. 400  
Clara 62d, calved July 9, 1905; sire, Imp. Royal Robin. Consigned by F. W. Ayres. Sold to I. M. Forbes & Son, Henry, Ill. 700  
Mademoiselle 14th, calved Aug. 16, 1903; sire, Imp. Golden Crest. Consigned by F. W. Ayres. Sold to J. A. Gerlaugh, Harshman, Ohio. 355  
Golden Venus 7th, calved April 10, 1905; sire, Missie's Robin. Consigned by F. W. Ayres. Sold to A. J. Ryden. 305  
Victor Missie's Victoria, calved Nov. 8, 1905; sire, Victor Missie. Consigned by F. W. Ayres. Sold to N. H. Gentry, Sedalia, Mo. 565  
Athene of Anoka, calved Aug. 3, 1898; sire Viscount of Anoka. Consigned by F. W. Ayres. Sold to D. H. Hybarger, Seward, Ill. 150

## DOGS.

FOR SALE—Fine registered Scotch Collie puppies. Bred from trained parents; natural heelers. Males \$7; females \$5; also one yearling Scottish Terrier. Female, vicious rather. Price \$10.00. A. H. Gerot, Riverside, Iowa.

## SCHOOLS.

TELEGRAPHY and Railroad Accounting—Summer rate for June. Work for your board. Tuition refunded to you by railroad company; position guaranteed; salary fifty to seventy-five. Railroad wire in school. Most thorough railroad school and cheapest. Wisconsin School of Telegraphy, Oshkosh, Wisconsin.

## VETERINARY.

\$100 WORTH RECIPES. Lump jaw cure, salve formula worth \$20, liniment formula to cure spavin, mange, corns, warts and running sores on man or beast. All for \$1. George Burns, Canton, S. D.

## AGENTS WANTED.

AGENTS—Ited hot seller, something new for kitchen; every woman buys on sight. Write for territory and astounding terms. Sample postpaid, 25c. McCall Clipping Cover Co., 145 W. Jackson, Chicago

AGENTS—Sell automatic self-cleaning curry-comb. Money-making opportunity for hustlers. Write for introductory offer. Clean Comb Co., Dept. 10, Racine, Wis.

GENERAL AGENTS TO SELL SUPERFINE stereoscopic views, commissions \$75 to \$300 monthly. Standard Science Co., Kansas City, Mo.

## REAL ESTATE.

IDAHO IRRIGATED Land, at Mountain Home, Idaho, with perpetual water-right, only \$23.25 per acre. Rich, level land with immense reservoir system of irrigation. Big crops and big prices. Seeded to alfalfa it rents for \$10 per acre. Climate same as Southern California, but no fleas. This land will sell for \$300 per acre in two years, as other poorer irrigated land there has increased that much in same time. Therefore an investment now of only \$4,200 for 160 acres will make you \$48,000 in two years. It is the biggest land bargain in the U. S. Write for booklet. E. D. Pratt, Agent Great Western Beet Sugar Company, Tekamah, Nebraska.

A CHEAP HOME IN FORD COUNTY. 640 acres of fine farm and pasture land with running water fed by springs; good improvements; 320 acres in cultivation, 250 acres in wheat; one-third goes with sale; near town and railroad and good school; price is \$17.50 per acre on easy terms; write for smaller or larger tracts. Jonathan Scott & Co., Spearville, Kansas.

"WRITE FOR FREE BOOKLET" descriptive of eastern South Dakota farms, well improved, for sale on easy terms. Desirable settlement. Prosperous stock feeding farmers." Gold & Co., Big Stone, South Dakota.

FOR TRADE for good improved farm, good business, buildings, stock of vehicles and harness, etc., valued at \$16,000. Apply to the Erhardt Carriage and Harness Co., Atchison, Kansas.

FOR SALE—Northeastern Colorado wheat lands from \$5 to \$8 per acre. Homesteads going fast. Can locate you. Write J. B. Reinhardt, LeRoy, Colo.

I MUST Have Money—Therefore 5½ sections fine Ellis County, Kansas, land will go at low price of \$850 per acre. Wm. Robbins, Thayer, Kansas.

TEXAS. If you want a home cheap, in the center of the Staked Plains, write us for full information. Hartford Land Co., Lubbock, Texas.

SAY, if you want to buy a farm or offer a good trade, write Buckeye Agency, Williamsburg, Kan.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

HARPER COUNTY, KANSAS, where they raise winter wheat, corn, alfalfa, fine cattle and hogs every year. 320 acres sub-irrigated second bottom land, gently undulating, dark, sandy, loam soil, one year from the soil. 100 acres winter wheat, 100 acres corn, 100 acres kaffir corn now growing, 20 acres fine pasture fenced, good well and pump. ½ cent delivered at elevators in good town on two railroads. A great bargain at \$20 per acre! \$4,500 cash, balance three years at six percent interest. Must be sold at once. Write or see Theo. B. Marsh, Anthony, Kan.

ARE YOU going to California? The land of sunshine, fruit and flowers. If you do, I have a job for you in the woods or sawmills of Humboldt county. A splendid opportunity for young men. Good wages, steady work. For full information address C. O. Dreks, 225 W. 4th St., Chicago

NORTHEASTERN NEBRASKA IMPROVED farms. Note: Profitable production of corn, cattle and hogs. Improved and unimproved farms in South Dakota, listed direct from owners. Write for information, stating what you want. W. T. Bartlett, Jackson, Nebraska.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert E. King, Goodland, Kan.

FOR QUICK DEAL—220 acre farm, well located, Union County, Iowa. \$70 per acre; will take 80 acres on this at same price. Write at once for complete description and terms. J. A. Stearns Land Co., Creston, Iowa.

The best place to buy farms is in Henry, Bates and Cass Counties, in old Missouri. Tell in first letter what you want. See how quick we can fix you out. Fraley & Graham, Ulrich, Missouri.

WILL SELL to settle an estate any fraction of four sections of the best land in the Panhandle, close to Oklahoma. Ten dollars per acre. J. C. McKean, Ivanhoe, Oklahoma.

FOR SALE—120 acres, northern Iowa. Highly improved; near good town. Mail delivery and telephone; good buildings. Address owner, A. Upcraft, LeRoy, Minnesota.

FOR SALE—Fine 156 acre farm; fair improvements. Adjoining Vernon, Woodson county, Kansas; might exchange for Iowa farm. K. H. Knight, owner, Spencer, Iowa.

BARGAIN IN COFFEY COUNTY—100 acres improved Neosho river bottom farm; 3 miles, two good towns. Price, \$30 per acre. Lane & Kent, Burlington, Kansas.

FOR SALE—½ section in Lake Park region. Good improvements. Near town, church and school. Write the owner, N. D. Gleason, Clear Lake, Minnesota.

BARGAINS IN KAY COUNTY LANDS. Come to the best farming section in the southwest. For full particulars write Chas. E. Voegel, Newkirk, Oklahoma.

SOUTHWEST MINNESOTA CORN LANDS. Iowa soil and conditions at half the price in this locality. E. H. Craudall, Montevideo, Minnesota.

FOR SALE—320 acres Bourbon, Kan., fair buildings. Would make good stock farm. \$6,600. J. I. Case Threshing Machine Co., Itasca, Wisconsin.

FOR SALE—240 acre improved farm, 1½ mile from good railroad town, northeast Kansas. For particulars address H. E. Moreman, Soldier, Kan.

BEAUTIFUL HOMES in southwest Missouri, level fertile farms, no stone. \$30 to \$40 acre. M. Wight, Iantia, Barton County, Missouri.

SPECIAL—Write for circular my Turtle Lake, Michigan, tract. Mrs. Nellie W. Merritt, Marquette, Michigan.

## REAL ESTATE.

FOR SALE—640 acres improved reclamation; improvements cost \$1,000; land rolling; sandy soil; 100 acres in corn; 20 acres hog tight fence; 25 miles north of North Platte, Neb. 4 miles U. P. R. It. staked survey; 4 miles general store; ½ mile school. This place raised 3,000 bu. corn last year; good water; have other business. For quick sale, \$1,800. Harry G. Lamb, Kinggold, McPherson county, Neb.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

TEXAS SCHOOL LAND—better than Oklahoma. Over 8,000,000 acres to be sold by state, \$1 to \$5 per acre, only one fortieth cash, balance 40 years after date, only 3½ interest. Secure a home now. Send \$1 for book of instructions, state law and map. Ashby James, Special Land Atty., Austin, Texas. Reference: American National Bank, Austin.

FIRST-CLASS farm, 480 acres. Level; excellent soil and water. Four miles from good town. Raise all Iowa and Illinois crops. Great bargain; \$20 per acre. Reason for sale, other business. Come and see it. Mention this paper. Address F. M. Walcott, Valentine, Nebraska.

JACKSON and Jefferson counties, Kansas; 230 acres, splendid, modern, new buildings, adjoining elation, good land, all tame and wild grass. (atholic settlement. Price, \$14,000. Write for prices on 40 acres in a section. W. A. Gilliland, (Farmer,) Mayetta, Kansas.

BARGAIN—240 acre farm in Sumner county, Kansas. Well improved; good 5 room house; new barn; all smooth level land. Adapted for corn, wheat or alfalfa. Price \$5,200. We have other bargains. Write. Gile & Bonsall, South Haven, Kan.

FOR SALE—400-acre stock farm; best buildings; extensive water system, fenced, large grove, mail, telephone, two railroads, 3½ miles to Welcome, 5 to Fairmont, 12 to Iowa line. Particulars of owner, T. M. Anthony, Welcome, Minnesota.

WE sell farms anywhere in the United States. If you buy or sell through us, owner and purchaser deal direct. Write for lists and terms for selling. No commission charged. Globe Realty Co., 824 Kansas Avenue, Topeka, Kansas.

SPECIAL BARGAIN in large tracts of Michigan land suitable for sheep or cattle ranches. Also small tracts for farms and fruit. Write for map and particulars. J. E. Merritt, Marquette, Michigan.

FOR SALE—Good cattle ranch in western Nebraska with or without cattle. It will be sold reasonable; buy of the owner and save commission. Address owners, box 22, Redington, Nebraska.

DEEDED LANDS and homestead locations; large and small tracts. Enclose dime for maps. Agents wanted. Address W. H. Gammon, Oacoma, Lyman county, South Dakota.

HOMESTEAD—RICH, PERFECT LYING land, close to town, main line Great Northern; moderate expense for locating. Frank F. Root, Lakota, N. D.

WHEAT FARM—Half crop payments. E. A. Wadsworth, Langdon, North Dakota.

## MISCELLANEOUS.

MERCHANDISE BARGAIN—Invoice \$3,500; annual sales, \$20,000. \$30 per month. Postoffice in store. Buckeye Agency, Williamsburg, Kansas.

NEURALGIA—Positive, permanent cure. One dollar guaranteed. A. S. Way, Springfield, Ohio.

POST CARDS—For 10 cents we send you biggest and best pack. John Henderson, Medford, Okla.

In six places to the bone and after healing up was three times its natural size. Today you can scarcely tell he has a blemish, and at the time he was cut, two veterinary surgeons told me that the first time I had ever used it. To all I see in need of a liniment I recommend Absorbine to them. I would not be without it for double the price. I just cured a pup of the itch, or some other breaking out, with the first application. The last time I wrote you, I asked about removing a spavin on a colt. The colt had caught its leg in a fence, and in struggling caused a spavin. It belonged to a friend of mine. I gave him your letter to me and he got the first bottle of Absorbine. After using about two-thirds of it the enlargement was all gone. He says now that he will never be without it. The colt is as sound as a dollar. My neighbor had a colt with distemper; its jaws and throat badly swollen and he was almost choking. I loaned him my Absorbine to bathe the throat with. He says that it gave instant relief, the enlargement has broken and the colt doing nicely." Many customers write of the satisfactory results Absorbine gives. You try a bottle. Price \$2 at druggists or delivered. Manufactured by W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass. See advertisement on page 13.

## A VALUABLE BUGGY BOOK FREE.

Mr. H. C. Phelps, president of the Ohio Carriage Mfg. Co., Station 31, Cincinnati, Ohio, who is the originator of the famous free trial plan of selling buggies from factory to consumer and who is doing the largest business of this kind today, has just published a remarkable buggy book, giving the facts of buggy making as never before placed before the public. He has sent out over 150,000 of these valuable books to interested buggy buyers throughout the United States and would be glad to send you one free if you are interested and wish to learn something about how buggies are made. Write Mr. Phelps for one of his famous books today on a postal card and you will receive it free by return mail. Address, Mr. H. C. Phelps, Station 31, Cincinnati, Ohio. See page 6.

SUMMARY.  
28 females....\$ 8,820; average....\$315.00  
5 bulls.....1,260; average....252.00  
33 head.....10,080; average....305.45

## ABSORBINE RELIABLE IN EMERGEN-

CIES.

Mr. Daniel I. Diehl, of Roosevelt, Okla., writes December 12, 1906: "I used Absorbine on my stallion's leg when it was cut



## DAY BY DAY

Agricola

Memorial day has come and gone again. This is the most pathetic holiday of the year. Fourth of July comes close on its heels, and this is the noisiest and least reflective holiday we have. A family or neighborhood picnic generally proves the best observance of our nation's birthday. The public observance has become largely a farce.

Memorial day was inaugurated by Gen. John A. Logan, the first commander-in-chief of the Grand Army of the Republic. It was at the close of the war of the rebellion.

Thanksgiving day was first observed by the Pilgrim Fathers in 1621. Half the pilgrims were dead from exposure and disease, but a good harvest had been secured and they invited the Indians to join with them in giving thanks.

The northern states were alone in observing Thanksgiving until after the civil war, and the governors of the states issued the proclamations. Since the war the president has done so and it has become a national holiday.

The originators of Thanksgiving day were opposed to observing Christmas as a religious holiday. They thought it savored of paganism, but they could not kill the Christmas spirit, and so we have not only Christmas, but the Thanksgiving which they instituted to kill Christmas.

Agricola believes in observing holidays, and he believes in being up and doing between them. Were life one holiday it would be wearisome and useless. Activity, "going around doing good," and staying at home doing good, are features of good citizenship and of genuine Christianity. Idleness here or hereafter has nothing to recommend it except passively. The good old lady who hoped Gabriel would not blow his horn for a thousand years after her decease, so she could have a needed rest, had evidently been deprived of the earthly holidays to which everyone is entitled.

Agricola is firmly convinced that the inventors of the road graders are all brainy men, and that the King drag inventor stands at or near the head of the whole class. There is another idea interwoven with this, and this is that the value of any road drag or grader is in direct proportion to the brains of the man using it.

This has been forcibly and disagreeably brought to recognition once more just now. The road past this farm was graded and a mass of loose dirt left piled up in the middle. Along came a soaking rain and there was no road left, just a quagmire spread all over the pike.

Where the grader man did not get in his work the road remained firm and good. Grading should be done after a rain rather than before it, and to keep a graded road in repair, frequent shaving off of the small ridges and filling the ruts is the proper thing, not a once or twice a year digging up of the whole pike. Yes, brains are required to run machines designed by brainy men.

Does a riding plow draw easier than a walking plow? It is claimed that it does, but I notice that two horses with a walker seem to make as easy work as three horses with a rider, and yet I have seen a demonstration of showing that a plow with the weight carried on a greased axle has less friction than where the weight is dragged on the ground, consequently a riding plow is lighter draft.

This is the theory. The demonstration was in offering to have a riding plow, with rider on the seat, and the plow cutting a furrow of full depth and width, drawn by one man. That was a bold challenge.

Well, at the appointed time and place, with a big crowd of farmers present, the demonstrator made a well memorized speech, took one of the farmers, harnessed his light team to the plow, then

unhitched the two horses and harnessed up the farmer, and he did pull the plow all right, and turn over the regulation furrow.

Why, then, in practice, do we see three horses worn out pulling a riding plow, if it pulls lighter than a walking plow? And if one man can pull it and cut a full furrow, does not that prove it light draft? Yes, but this plow was adjusted by an expert. The hard running plows are adjusted by farmers who do not understand just how to adjust, and the weight of plow, frame and rider all have to be dragged on the ground.

And the blacksmiths,—too often when a riding plow goes to the shop to be sharpened it is returned all out of adjustment, out of line, and pulls hard as a result. Educated blacksmiths are needed to repair modern machinery.

There is in Minnesota a man who has pushed fodder corn to the front, and his name is Prof. Haecker. Two things about fodder corn are due to his teaching,—drilling it thick in the row, and planting it late.

After hearing the professor speak two different times in advocacy of these two points, Agricola tried them, and the results have fixed the methods as a permanent practice.

Planting late—the first half of June—makes it grow from the start and get ahead of the weeds. It makes it hustle to "get there" and when harvested it has relatively more protein (because it did not have time to form so much carbonaceous material) and it is therefore better dairy food.

Planting it thick makes the stalks softer, easier to masticate, and there are no large ears but a host of "nubbins" which are easy to swallow. About three pecks to one bushel of seed per acre is the right quantity for best results.

Last summer a neighbor mowed hay, plowed the sod and planted to fodder corn the 22d of June. He had two crops, hay and fodder, and both of them good.

## Palmer &amp; Son's Short-horn Sale.

The dispersion sale of Short-horns owned by Messrs. J. W. Palmer & Son, of Albion, Ind., attracted the attention of breeders from Illinois, Wisconsin, Indiana and Ohio. The cattle were sent forward in good breeding condition, and in most cases good bargains were the rule. Messrs. Herr Bros. & Reynolds, of Lodi, Wis., topped the sale, paying \$750 for Choice Master, a grandson of Choice Goods. They also secured several head of good females at bargain prices. Messrs. Carpenter & Ross, of Mansfield, Ohio, secured a good heifer by Whitehall Sultan in White Sultana at \$200. Col. Carey M. Jones conducted the sale and was ably assisted by Colonels Reppert and Bowers. Mr. T. E. Adams, of Columbia City, Ind., consigned six head to the sale. A list of animals selling for \$100 and over is given below:

## FEMALES.

Primula, four years, sire Nonpareil, Herr Bros. & Reynolds, Lodi, Wis. . . .	\$140
Cinderella 5th, six years, sire Imp. Pure Gold, same. . . . .	175
Lovely Lass, two years, sire Valkyrie's Stamp, same. . . . .	150
White Sultana, two years, sire White Hall Sultan, Carpenter & Ross, Mansfield, Ohio. . . . .	200
Fair Sultana, one year, sire Fair Sultan, John Gerlaugh, Harshman, Ohio. . . .	100
Lovely Nell, seven years, sire Imp. Master of the Clans, Herr Bros. & Reynolds. . . . .	265
Crimson Fuchsia, one year, sire Valkyrie's Stamp, Raydown Stock Farm Co., Larwell, Ind. . . . .	100
Gladys 4th, four years, sire Sittytan Hero, and b. c. J. M. Alnsworth, Hicksville, Ohio. . . . .	145
Brawth Lady, two years, sire King of Diamonds, John Gerlaugh. . . . .	210
Queen City Lass, seven years, sire Grand Gloster, and c. c. G. J. Groukuk, Ligonier, Ind. . . . .	100
Highfield Belle, seven years, sire Prime Minister, John Ranick, Syracuse, Ind. . .	115
Lady Violet, four years, sire Imp. Loyalty, and b. c. J. M. Alnsworth. . . . .	100
Roan Bess, four years, sire Sass-Me-Not, and b. c. C. S. Barnum, Albion, Ind. . . . .	100

## MALES.

King of Diamonds, five years, sire Valley Champion, A. A. Lemon, Albion, Ind. . . . .	125
Choice Master, two years, sire Choice Bud, Herr Bros. & Reynolds. . . . .	750
Scottish Cup, one year, sire Roan Cup, David Wilson, Hicksville, Ohio. . . . .	105
Favorite Cup, one year, sire Crimson Knight, O. L. Bowser, Ligonier, Ind. . . .	100

## SUMMARY.

23 females . . . \$2,360; average. . .	\$102.00
10 bulls . . . . 1,415; average. . .	141.50
33 head . . . . 3,775; average. . .	114.00

## Harvey &amp; Son and Wray &amp; Son's Short-horn Sale.

The dispersion sale of Short-horns held by Messrs. Bellows and Forbes, of Maryville, Mo., and Messrs B. T. Wray & Son, of Hop-

## SOUTHERN ALBERTA---THE SUNNIEST PLACE IN CANADA.

It may seem strange, but it is nevertheless true that not only agriculturists, but men of business are going northward to the "New Ohio" of North America, sunny southern Alberta, commonly spoken of as the California of Canada, on account of the delightful and invigorating climate and the remarkable productiveness of the soil.

What surprises the newcomer more than anything else respecting this country is the mild winter. Men frequently go about in their shirt sleeves in the winter months.

The city of Lethbridge is usually described as the railway and commercial center of southern Alberta; and, being situated in the heart of the most prolific agricultural district, is sure to be one of the largest cities in Canada.

Aside from the climate the visitor is particularly pleased with the excellent quality of the "home-grown" beef. He is surprised when he learns that this prime beef is range fed; nothing but the native grass and lots of pure water being fed cattle in this country of sunshine and warm winds; and they top the European market. The prairie is covered with a tall, luxuriant growth of wild hay, or "buffalo grass," which has been growing up and dying for ages, food for the buffalo and wild animals, that, with the red men, roamed over and ruled this vast expanse of country up to a few years ago.

Horse raising, mule breeding, sheep ranching, poultry and dairying as well as winter and spring wheat raising are bound to be the leading branches of agriculture followed in this country; not to overlook sugar-beet raising, an industry that is very profitable.

It is surprising the number of Americans that have found "gold-mines" in this new country, in farming or business. The facts that soil is better than that of their home state, a climate highly agreeable and conducive to bumper

crops, and land at \$8 per acre is offered the settler on very easy terms, are quite sufficient to induce investigation. The absence of stone and timber wins the visitor. It is certainly a grand sight to watch the undulating prairie being broken up by the plow for miles and miles as you can do on a clear day. The soil is principally a deep rich loam top soil with a clay or sandy subsoil.

The fuel and market topic is a very important one to the intending settler. In southern Alberta the whole country is more or less the possessor of the richest veins of coal in America. Upwards of fifty coal mines are being worked and will be supplying coal to the consuming millions for hundreds of years to come. In the city of Lethbridge the famous Galt Coal Mines and the Pioneer Mines ship car load after car load of the black diamonds all over the country. The farmer can buy at any of the local mines at \$3.00 per ton.

The local market is consuming much more of the farm produce in the way of poultry, eggs, butter and vegetables, than can be produced. This over-draft is, no doubt, due to the big lumber camps in the mountains to the west and the many new mines being opened up almost every week.

Speaking of crops, some of the heaviest crops of alfalfa that have ever been grown have been cut from the fields of southern Alberta, while the Alberta Red Winter Wheat which has never been defeated at any exposition for quality or weight is in great demand by bakers, while only a small portion of the call for this grain can be met.

At Raymond, quite near the city of Lethbridge, is located the famous Knight's Sugar Factory, which takes all the sugar-beets that the farmers care to raise. It would be well for readers interested in southern Alberta to write the land men who advertise this country in other columns of this paper.

F. G. L.

## ROOF FREE BOOK

Illustrated ROOF BOOK, just off the press, tells how to lay durable, water-proof, weather-proof and fire-resisting roofs on residences, barns, cribs, poultry houses, outbuildings, stores, etc. How to cover old shingle roofs. No tools necessary but a knife and a hammer. Tells all about the famous

## NO-TAR ROOFING

which is better and cheaper than shingles, slate or tin. Water-proof, fire-resisting and acid-proof. Contains no tar but is made from asphalt and cannot dry out or run in the sun. Flat-roofed, flexible and easy to lay. Best dealers sell NO-TAR ROOFING. Special mails and liquid cement FREE in every roll.

FREE SAMPLES TO TEST. When we send you the Free Samples of NO-TAR ROOFING, we will tell you TEN WAYS TO TEST IT and PROVE its superiority to any other roofing.

DEALERS—Write for our Roofing-Business Promotion Plan. Address THE HEPPESS CO., 2481 Fillmore St., Chicago

## If You Want to Increase the Value of Your Land

get rid of the quick grass in it. We are manufacturing a machine to do that work. Write for circulars.

AUSTIN WEED EXTERMINATOR MFG. CO., 300 West Main St., Austin, Minn.

Kins, Mo., at Maryville, Mo., on May 29th, may well be classed as a successful sale. No high prices were paid and on all an average of \$99.40 was made. The top of the sale was \$325 paid by Mr. Geo. McMaster, of Bedford, Iowa, for lot 7½, a Good Choice bull calf, eight months old. After the sale Messrs. Bellows and Forbes, of Maryville, became the owners of this calf and he will probably be seen at the fall shows. His dam went to Mr. H. R. Coffey, of Savannah, Mo., at \$150. Mr. Coffey also took Scottish Victoria, the top female of the offering at \$200. Both Mr. Harvey and Mr. Wray expressed their appreciation of the support of the breeders who attended the sale. Col. Bellows was in good form and worked hard for their interests. Following is list of all sales over \$100:

## FEMALES.

Scottish Victoria, 2-years, Gallant Son, H. R. Coffey, Savannah, Mo. . . . .	\$200
Violet Rose Victor, 9-years, Scottish King, and b. c. Jno. Brady, Lowell, Neb. . . . .	165
Longbranch Sybil 4th, 11-years, Victoria Baron, Bellows Bros., Maryville, Mo. . . . .	100
Lady Aberdeen 2d, 8-years, Columbian Lord, Jno. Brady. . . . .	100
Lady Aberdeen 4th, 4-years, Capt. Ramsden, same. . . . .	150
Elsie's Darling, 3-years, Morning Flash, H. R. Coffey. . . . .	150
Highland Gem, 5-years, The Lad for Ugly, and c. c. C. C. Fuller, Mound City, Mo. . . . .	100
Rosegold 3d, 3-years, Rosemont, and c. c. Dr. E. W. Bishop, Ravenwood, Mo. . .	150
4th Valley View Beauty, 6-years, Valley Knight, and c. c. C. Wells & Son, Maryville, Mo. . . . .	100
Minnie, 6-years, Oxford Barrington, and c. c. J. S. Gross, Maryville, Mo. . . . .	130
Rosana, 3-years, Rosemont, and c. c. E. H. Payne, Maryville, Mo. . . . .	100
7th Norwood Rose, 8-years, and b. c. C. E. Shumaker, Corning, Iowa. . . . .	155
Rosetta, 4-years, Rosemont, and c. c. Shumaker, Corning, Iowa. . . . .	110

## MALES.

Baron's Gloster, 3-years, Baron Barmpton, Jno. Brady. . . . .	300
Bull by Good Choice, 9-months, Geo. McMaster, Bedford, Iowa. . . . .	325
Roan Hampton, 2-years, Hampton's Best, R. L. Leady, Bedford, Iowa. . . .	195

## SUMMARY.

31 females sold for \$2,900.05, average. . .	\$93.55
14 bulls sold for \$1,572.90, average. . .	112.35
45 head sold for \$4,472.95, average. . .	99.40

## Cancer of Breast Cured.

Mrs. Harriet Chandler, 44 Blanch St., Battle Creek, Mich., recently returned home from Indianapolis, where she was treated, and cured of an advanced case of cancer of fifteen years' duration, covering the entire breast. Dr. Benj. F. Bye, Indianapolis, Ind., will mail a free book of his method of curing with soothing Balm Oil.

## Short-horn Herd Book.

Vol. 68, of the American Short-horn Herd Book, is now ready for distribution. It contains the pedigrees of bulls numbered from 263115 to 265186, and also the pedigrees of 6,483 cows. The price of this volume is \$3.00 to non-members at the office, or \$3.30 prepaid. Vol. 69 is in the hands of the printer and current receipts of pedigrees are being filed for Vol. 70. Address Jno. W. Groves, Sec., Union Stock Yards, Chicago.

## A CHANCE TO MAKE MONEY.

Since making my big hit in a Mexican gold mine, I get so many letters that I cannot answer them, and ask you to publish this statement:—

I believe any man or woman can make big money, with absolute certainty by buying stock in any of the rich operating mines, because Mexico has the richest mines in the world, and the Mexican laws do not permit fraudulent mining schemes. Be sure to invest in a mine that is actively operated, and owned by a reliable company, whose officers and directors are known to be men of integrity and honesty; a few dollars invested with such a company now, will bring you thousands in a year. The Pittsburgh-Oaxaca Mining Co., Block 1028 Pittsburgh, Pa., is absolutely reliable, and through them I made over \$20,000 in less than a year, having only a few dollars to begin with. A friend of mine invested \$10, and is now getting a dividend of \$5 a month. You do not have to go to Mexico; write to the above company, and you can rely implicitly on the information you receive. Jack Marston.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## June and July Hatchings.

To the Editor of The Homestead:

The long continued cold of early spring greatly reduced the usual output of chicks. If anything like the needed amount are raised, it must be by extending the hatching season into June and July. And there is no reason why such hatching should not be successful. People are learning how to overcome the summer difficulties, and each year sees an increase in the late hatchings.

If shade, either natural or artificial, can be provided, chicks need not suffer greatly from heat. Great care must also be taken in regard to the water supply, to see that it is clean and fresh. Never allow the water dishes to stand in the sun. It makes the water not only hot and unpalatable, but almost poisonous. Frequent renewal of the water supply in a hot day will help greatly in relieving the situation.

Given shade and fresh water, chicks will grow faster than in the chill and uncertain weather of early spring, their feed should be carefully chosen, sloppy food being especially avoided. It is in summer that dry feeding shows its greatest value.

Extra precautions need to be taken against lice and mites when hot weather is upon us. But with all the lice destroyers that are available, there is no need of being worried in the battle against insect foes. Care and watchfulness are always necessary, and at no season do they pay larger dividends than in the heated months.

The summer months also offer a rare opportunity to those desiring fine stock, but who are ill able to afford the cost of eggs earlier in the season. Nearly all breeders cut their prices in two June 1st.

Many ambitious men and women have gotten their start in fine stock by taking advantage of this opportunity. The possibilities of summer hatchings were impressed upon me by a letter recently received from a well known breeder of Rose Comb Rhode Island Reds in Iowa. He said that his egg trade had been so heavy, that he was expecting to set eggs from his best pens for his personal use during June and July. If he, with all his years of experience, is willing to risk his birds for next season from summer hatches, why should not the rank and file of poultry raisers increase their flocks in the same way?

Subscriber.

## Milk for Young Chicks.

To the Editor of The Homestead:

In a late issue of Successful Poultry Journal, an Indiana poultryman tells the story of an interesting experiment with young chicks. He had met with considerable loss from bowel trouble, and attributed it to the free use of water. He tried providing plenty of sweet milk, withholding water entirely for the first few weeks. Since milk is a food as well as a drink, he cautions against the use of both at the same time, since this will make their rations too liquid. Last season he raised a brood of twenty-five chicks that never saw water till they were almost two months old, and a fine lot of husky little fellows they were. They grew and matured more rapidly than any brood before in his experience. Milk was provided for them constantly. All the milk was boiled, and every drop that was left was thrown out. Sour, stale milk would have spoiled the whole business. Not a chick died of bowel trouble, and the result was most gratifying.

To continue the experiment farther, this season he is going to try boiled sour milk, wheat bran and cornmeal, sprinkled with pulverized charcoal for chicks more than two months old. He thinks that in this he will find a palatable, inexpensive and wholesome food. This will not do away with the feeding of grains, as these will be alternated with the milk mash, as it might be termed.

This Indiana poultryman has definite ideas, and his experiments are here given that others to whom bowel trouble in young chicks has proved a loss, may follow in his experiments, and perhaps at-

## KEEP THEM HEALTHY

Don't lose the chicks now. Success with poultry depends not so much on the number of chicks hatched as on the number brought to maturity. They need a tonic—a medicine—a preventive of disease; something to reduce to a minimum the dangers from Cholera and Bowel Complaint, their greatest enemies during the hot months of June, July and August.

## GERMOZONE

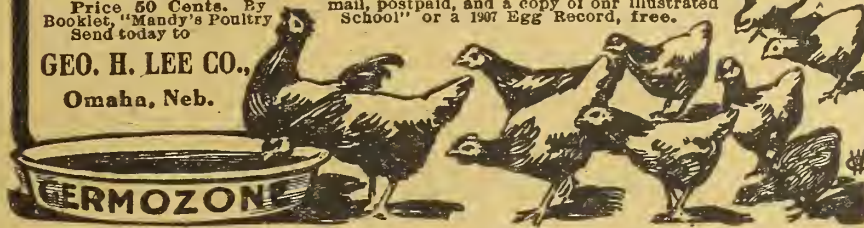
is a germicide—the best cure for poultry diseases such as Cholera, Bowel Complaint, Chicken Pox, Canker, etc., which cause so much trouble at this time of the year, and is used and endorsed by poultry-raisers all over the world.

Give it in the drinking water twice a week. It prevents disease as well as cures, keeps fowls healthy and insures profitable, vigorous birds later in the season. You can not afford to be without it.

Price 50 Cents. By mail, postpaid, and a copy of our illustrated Booklet, "Mandy's Poultry School" or a 1907 Egg Record, free.

GEO. H. LEE CO.,

Omaha, Neb.



## LEGHORNS.

## S. C. WHITE LEGHORN EGGS

At greatly reduced prices, from June 1st. From Wyckoff and Blanchard strains. Satisfaction guaranteed.

W. C. Jones, - - - - - Richland, Iowa.

## S. C. White Leghorn Eggs

I WILL MAKE SPECIAL PRICES ON EGGS for hatching during the month of June. All eggs carefully selected. Write for prices.

R. E. BROWN, - - - - - RICHLAND, IA.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100

FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

## ROSE COMB

BROWN Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Davenport, Belmont, Iowa.

## PRICES REDUCED.

ROSE Comb Brown Leghorn eggs, 22, \$1; 50, \$2; 100, \$3. Address, Ella Sharp, Mt. Sterling, Iowa.

## SINGLE COMB BROWN LEGHORNS.

pure bred, scoring to 93%; by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Medford, Iowa.

## FOR SALE: SINGLE COMB WHITE LEGHORNS.

75 cents for fifteen or \$4.00 per hundred. Adda A. Picken, Rural route No. 1, Fairfield, Iowa.

## S. C. B. LEGHORN EGGS

Thirty eggs for 80 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Antion, Iowa.

## ROSE COMB

Brown Leghorns, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. 1 penny express charges. D. W. Nickerson, Marble Rock, Ia.

## ROSE COMB WHITE LEGHORNS

Eggs, thirty for \$1.50; \$4.00 per hundred. M. T. McEvoy, Emmetsburg, Iowa.

## ROSE COMB

Brown Leghorns exclusively. Eggs for hatching, \$1.50 per thirty; \$3.50 per hundred. Write, F. Bowman, Eldora, Iowa.

## ROSE COMB

White Leghorns. State Fair prize winners, eggs 75c per 15; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa.

## Rose Comb Brown Leghorn

eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

## SINGLE COMB White and Brown Leghorns.

Each variety on separate farm. Eggs 60c per 15; \$2.50 per 100. Address: George F. Blake, Maquoketa, Ia.

## EGGS that hatch, Rose Comb Brown Leghorns.

50, \$2.00; 100, \$3.50. Satisfaction guaranteed. Mrs. Nelson Hyde, Manson, Iowa.

## DOGS.

## DOGS FOR SALE

AND ALL kinds of pet and live stock. Send 10 cents for descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, Pa.



tain the gratifying success which he reports.

Dry feeding combined with the milk would seem an ideal method. By boiling the milk, there is less danger in its use.

Great care is necessary to keep the drinking vessels clean and sweet when they have contained milk. In hot weather it is especially necessary to know (not guess) that they are always in sanitary condition. This means added work, of course, but it also means added profit.

Mrs. S. B. Titterington.

## POINTERS.

—Mrs. Laura Mather, Clarksville, Iowa, advises us that she is now filling orders from customers for the second and third time from her flock of Rose Comb Brown Leghorns. Mrs. Mather attributes the fact to the high number of chicks which have resulted from her hatches. (With not a single complaint to date, is a record of which anyone can certainly be proud. On this page eggs are priced. Kindly mention The Homestead when writing.)

—Fair and honest dealings" is the motto of Mr. H. W. Chestnut, of Centralia, Kan., who advertises "White-faced Black Spanish" cocks and hens on this page. As it is rather late, the eggs are being priced very low as will be seen by quotations in the advertisement. Mr. Chestnut has bred this kind of poultry for eleven years exclusively and should surely be able to satisfy the wants of any of our readers. His flock contains World's Fair and other prize winners. Kindly make mention of this paper when writing.

## PLYMOUTH ROCKS.

## 25 BARRED PLYMOUTH ROCK

## COCKERELS CHEAP

TO CLOSE OUT I will sell 25 cockerels cheap. All scored birds with good bone; E. B. Thompson strain. Also eggs at \$1.25 per 15, \$2.00 per 30, \$2.50 per 50, and \$4.00 per 100. Eggs from high scoring stock.

J. A. PENN, - - - - - ALTA, IOWA

## 219 EGG STRAIN

## BARRED ROCKS

My winnings show their quality as to fancy and utility at Winterset Show in Dec. won 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213th, 214th, 215th, 216th, 217th, 218th, 219th.

W. A. HARTMAN, - - - - - Winterset, Iowa.

## Barred Plymouth Rock Eggs.

15 for \$1.00, 30 for \$1.75, 45 for \$2.50, 100 for \$5.00. Males scoring 91 to 92% and weighing 8½ to 11½ lbs; females scoring 88½ to 92%, weighing 7 to 10 lbs. Hawkins, Thompson and Bradley's Rocks. strains. Also Toulouse geese eggs \$2.00 per 9. Circular free.

W. R. Warwick, - - - - - Montezuma, Iowa

## CEDAR LAWN Poultry Farm.

16 yrs. a breeder of Barred P. Rocks exclusively. 4 grand pens to select from, headed by chks. scoring from 90 to 93. pullets score from 90 to 93%. Eggs, pens 1 & 2, \$2 per 15; \$3 per 30; pens 3 & 4, \$1.50 per 15; \$2.50 per 30; \$3 per 50; \$5.00 per 100. Catalog free. W. J. Applegate, New Sharon, Iowa.

## SOME FINE

Cockerels at \$1.50 each up to \$2.50 each. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand yards mated, 3 for chks. 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva E. Girard, R. F. D. 2, Schleswig, Ia.

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address,

J. E. Wehr, - - - - - Portsmouth, Ia.

## BARRED

Plymouth Rocks exclusively, Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 93% points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

## BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers. \$1.50 per 15 eggs. Twenty years a breeder.

J. L. SLICK, - - - - - LANARK, ILL.

## B. P. ROCK EGGS

From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by chks. and chks. weighing 11 to 13 lbs.; scoring 91 to 93. are 1st prize winners, sired by state show prize winners; females 7 to 11 lbs. Reduced prices, \$1 per 15 eggs; \$1.50 per 30. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

## Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

## BARRED P. ROCK

Eggs for hatching from stock scoring 90 to 92%, 75c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

## EGGS FROM PURE BRED Barred Plymouth

Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

## BUFF

P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa

## BARRED

Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 38 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa

## WHITE PLYMOUTH

Rock eggs from extra fine laying strain. \$1.00 for 15; \$1.75 for 30. Elmer E. Cartz, Delaware, Iowa

## BARRED

Plymouth Rock eggs of Bradley and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

## COCHINS.

PARTRIDGE COCHIN Eggs, fancy show pens; \$3 per 15. Farm range, \$1 per 15; fancy W. H. turkey, 25c each. Floy Collins, Viola, Ia.

## DUCKS.

COLORED Muscovy duck eggs, \$1.25 for eleven. Mrs. T. W. Glass, Route 4, Sac City, Iowa.

## LANGSHANS.

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, - - - - - New Sharon, Iowa

PRIZE WINNING Black Langshans exclusively; scoring to 94. Eggs after June 25th, 13 for 60c; 28 for 85c. W. W. Baskerville, Earlville, Iowa.

## BLACK LANGSHAN

eggs, \$1.00 per 15 \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock, J. M. Chimeron, Oskaloosa, Ia.

## BRAHMAS.

OTTUMWA Poultry Yard—Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

LIGHT Brahma Eggs, 15 for \$1.00; 45, \$2.50; 100, \$4.50; from stock scoring 90 to 93%; Felch and Mammoth strains. J. G. Goddard, Deep River, Iowa.

LIGHT BRAHMAS Eggs at 50c a sitting, \$1.75 for 50 and \$3.00 per hundred. Address: Mrs. J. M. Dries, Ashton, Ia.

## WYANDOTTES.

WHITE WYANDOTTE EGGS, \$1.25 per 15, \$2 per 30, \$5 per 100. Hens score 95 to 96%. Address, Mrs. L. M. Estes, R. 2, Audubon, Ia.

WHITE WYANDOTTE EGGS REDUCED TO 75c per fifteen, \$3.50 per 105, remainder of season. W. S. Gregory, Roselawn Farm, Keota, Ia.

SILVER LACED WYANDOTTE EGGS FOR \$1.40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

## ORPINGTONS.

GOLDEN S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.75 for 25. A. LeFevre, Earlville, Iowa

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Pheasant, Duck, Goose, Brant & Chickens Egg.

VARIETY. NO. PRICE. VAR. NO. PRI.

Wild Mallard duck, 13, 3.00. Golden, - 13, 5.00

Hard Rock Heneggs, 13, 1.50. Silver, - 13, 5.00

White " " 13, 1.50. Eng. R. Neck, 15, 3.00

Wild White Brants, 7, 3.00. L. Y. Amherst, 7, 5.00

Address, DEER LAKE PARK, SEVERY, KAN.

## AFTER JUNE FIRST

I WILL turn all pens on free range and sell eggs at \$1 per 15, \$5 per 100. 100 hens for sale at \$1 each. Send for catalog.

Margaret C. Daly, - - - - - Anamosa, Iowa.

## White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scored birds. White Holland Turkey eggs \$2.50 per 11, Barred Plymouth Rock eggs \$1 per 15.

Mrs. Jessie Teale, Route 4, - - - - - Lamoni, Iowa

## Westview Poultry and Stock Farm

EGGS from Barred Plymouth Rocks, Light Brahma and Imperial Pekin ducks, \$1.00 per 15. Mammoth Bronze turkeys, \$2.50 per 11. Address,

Mrs. J. C. Webber - - - - - Montezuma, Iowa

MAMMOTH BRONZE White Holland turkeys

Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

## EGGS FOR HATCHING

FROM prize winners at reduced prices. M. B. turkeys, \$3.00 for 10 eggs. B. P. Rocks, \$1.25 per 15. Pekin ducks, \$1.25 for 12. Eggs fertile.

C. M. Crinstead, - - - - - Mitchellville, Iowa

## BLACK SPANISH EXCLUSIVELY

FOR 11 years. Winners at Kansas and Missouri's best shows; also the World's Fair. 50 hens, 7 cocks for sale at prices that will move. Eggs ½ price balance of season, 75c per 15. H. W. Chestnut, Centralia, Kansas.

## BARRED ROCK EGGS

15 eggs, \$1.00; 45, \$2.00; 100, \$4.00. Blue barred, Rinslet strain, scoring to 92. Also M. B. turkey eggs, Missouri Klug and Giant strains. Prize winners, scoring 96, \$5 per 10. Henry Schlatter & Sons, Lawler, Ia.

EGGS from thoroughbred Buff Orpingtons, R. I. Reds, B. and W. Rocks, B. and W. Leghorns Wyandottes, ducks and geese. 10 chicks guaranteed. Cat. free. Hampton Poultry Co., 23105, Hampton, Ia.

## EGGS FROM CHOICE MATINGS.

Leghorns, S. C. Buff Orpingtons and White Plymouth Rocks. Write for circular. F. L. Morse, Floyd, Iowa.

## SILVER LACED WYANDOTTE

EGGS \$1.00 for 15, Buff turkeys \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

## BRONZE TURKEY EGGS

\$2.50 per 11. White P. Rock eggs, \$1.00 per 15; \$4.00 per 100. Mrs. W. P. Miller, Allison, Iowa.

ROSE Comb White Leghorns and Black Langshans, Eggs, \$1.00 per 100 or 25, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa

## 20 EGGS \$1.00

Barred, Buff, White Rocks and White Wyandottes from birds that always win prizes. J. T. Molloy, Albion, Ia.

## FOR SALE

Barred P. Rock eggs, 26 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

## EGGS

Barred Plymouth Rock, \$1 and \$2 per 15; \$3.50; \$5, 100. W. Wyandottes,



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## VETERINARY MATTERS.

PROFESSIONAL Veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of one dollar. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### WARTS.

I bought a six-year-old white cow last week that has warts on her teats. I do not think she has ever been treated for same. She will calve soon and is almost dry now. Please tell me through your paper how I can remove the warts without hurting the cow.

Rub the parts thoroughly once daily with castor oil or goose grease. If this does not cause the warts to drop off in time, clip them off with scissors, a few at a time; then touch the bleeding places with lunar caustic pencil.

#### PERIODIC OPHTHALMIA.

Is there such a thing as wolf teeth making a colt go blind? I have a two-year-old bay filly that is blind in one eye, and a large spot on the other eye. Some of my friends tell me that it is caused by wolf teeth. Please answer this question and give me advice what to do for the colt.

Wolf teeth have no possible effect for good or bad on the eyes of a colt or horse, public opinion to the contrary. This disease is periodic ophthalmia (moon blindness), incurable and due to breeding from affected stock. The disease, therefore, is hereditary.

#### WHITE SCOURS.

Please give me information describing white scours in little calves. Can anything be done for a little calf that has it? How is the best way to eliminate the disease? If it once gets started, will it go through the whole herd?

The name indicates the nature of the disease which is characterized by liquid passages of bad smelling feces, soon followed by rapid emaciation ending in death. This disease is contagious (in some forms) and in such cases is due to a germ which enters the body by way of the raw navel cord at birth or by way of the mouth when the calf sucks a cow whose udder has come in contact with germ infected manure or other matter. Clean up, disinfect, ventilate, and whitewash the cow stable and calf pen and be sure that sunlight can freely enter both places. Wet navel of calf at birth and twice daily until fully healed, using a 1-500 solution of corrosive sublimate and wash belly of calf and nd-

der of cow daily with a 2 per cent solution of coal tar disinfectant for at least two weeks. Give affected calf a teaspoonful of the following mixture in each pound or pint of milk fed daily: formaldehyde, half ounce; distilled water, fifteen and one-half ounces. Keep solution in an amber colored bottle.

#### PUFF.

I have a two-year-old colt that has a wind puff in the hock. It has been there about a year. It is on one leg only. Does not lame him, but it is getting larger and spoils the sale of him by about \$25; that is, it takes about that much off the price of him. Can you tell me how to take it off, or how to reduce it?

Simply give the joint a thorough dressing with green tar and turn out in yard or pasture. Repeat when dressing becomes rubbed off. In young colts such swellings tend to disappear if treated in this way, as the tar acts as a truss when matted with the hair.

#### PAWING.

I have a seven-year-old pony, weighing about 700 pounds, that has one colt a year old and is due to foal in a day or so. For the last three or four months she takes spells at different times and stamps her front feet down and hits herself behind the front feet. Do you think it would hurt to breed her again? Please give me some advice.

By all means breed here again and in future see that she has a roomy box stall when in foal and is driven, worked or exercised thoroughly every day right up to foaling time, and has soft food to keep her bowels operating freely. It is probable that lack of exercise and constipation due to that cause and the feeding of too much coarse or rich food causes the collection of gas which induces pain and pawing.

#### BONE TUMOR.

We have a one-year-old colt that had a hard swelling come on one side of his nose last winter. It was about half way between the eye and the tip of the nose. It is now raised up in sort of a lump and seems sore to the touch. It affects his breathing, making him snore. He seems healthy in every other way. Within the past week one of our old horses has a swelling starting in the same location. Can you tell me what is the matter and if the disease is contagious? The old horse and the colt have not been running together.

There is no association between the two cases. In the old horse a diseased molar tooth gives rise to the tumor and will have to be removed by trephining, which will have to be done by an expert veterinary dentist. In the colt the tumor is associated with teething and may be relieved by painting with tincture of iodine or blistering with a mixture of one dram of biniodid of mercury in



# Blacklegoids

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## BLACKLEG IN CATTLE

NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

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NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.

an ounce of lard. Whichever is used great care will have to be taken to keep it out of the eyes and to tie the colt so that he cannot possibly rub the part. The iodine tincture may be applied several days in succession; the blister should be repeated in three or four weeks if required. There is a possibility that the colt is afflicted with osteoporosis (big head) which is incurable.

#### YEAST TREATMENT—CUT THIS OUT.

Several months ago I noticed in your paper a new method of getting mares with foal. It was some preparation of yeast, but I have forgotten what it was and cannot find the paper containing it. I have a mare which I would like very much to get with foal and I would appreciate it if you would reprint the information again.

A fee of one dollar must accompany an inquiry to which an answer is desired by mail. The yeast treatment formula has been repeated several times and it is therefore hoped and expected that this time the following will be cut out and preserved for future reference by all interested in the matter. Stir to a paste, with a little warm water, one cake of compressed yeast and allow to stand for twelve hours in a moderately warm room; then stir in a pint of luke warm, freshly boiled water and allow to stand for eight to twelve hours, as before, when it will be ready for use. Inject this mixture into the vagina of the mare or cow as soon as she is seen to be in heat and have her served when period of heat is about over. The injection may be made by means of any large syringe or a hose and funnel. The vagina may first be flushed out with warm water and if possible the mouth of the womb (os uteri) should be opened by hand before the injection if an examination shows it to be tightly closed. Re-



## NO MATTER HOW BAD

**HE CUTS UP** If he's hitched to a Champion Cart, the driver can dismount instantly in perfect safety as there is nothing to interfere with his legs or clothes. Absolutely no Horse Motion. That's why the Champion Cart is so pleasant and agreeable to ride in. It's surprising how smooth it rides over rough roads. The adjustable seat makes it self-balancing without hitching to horse or matter how heavy the driver. This takes all the load off the horse. Booklets free.

**CHAMPION CART CO.,**  
107 Calvin St.,  
Ligonier, Ind.



## Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

**Fleming's Spavin Cure (Liquid)** is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy like any other—doesn't irritate and can't be limited. Easy to use, only a little required, and your money back if it ever fails.

**Fleming's Vest-Pocket Veterinary Adviser** describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

**FLEMING BROS., Chemists,**  
210 Union Stock Yards, Chicago, Ill.



## Scar Tissue can be removed and hair grown on by

# ABSORBINE

used as directed on page 19 of Pamphlet with each bottle. Absorbine will heal a Cut quickly without leaving a Scar, reduce inflammation or any soft bunch without blistering, and horse can be used. \$2.00 a bottle delivered or at dealers. Book 9-C, Free.

**ABSORBINE, JR.,** for manking, \$1.00 bottle. Cures Strained, Torn Ligaments, Varicose Veins, Varicocele, Hydrocele, enlarged Glands and Ulcers. Allays pain quickly. Book "Evidence" free.

**W. F. YOUNG, P. D. F.,** 40 Monmouth St., Springfield, Mass.

## IN TIMES OF EMERGENCY

When a bad burn, scald, sprain, wound, cut, bruise or other accident demands instant attention **OLEO CUREINE** (guaranteed under the Pure Food and Drug Law) is invaluable. It is antiseptic—allays pain instantly—stops inflammation and cures with great rapidity. Indispensable in every household. By mail 35 cents a bottle. Send for booklet. Agents wanted everywhere in rural districts.

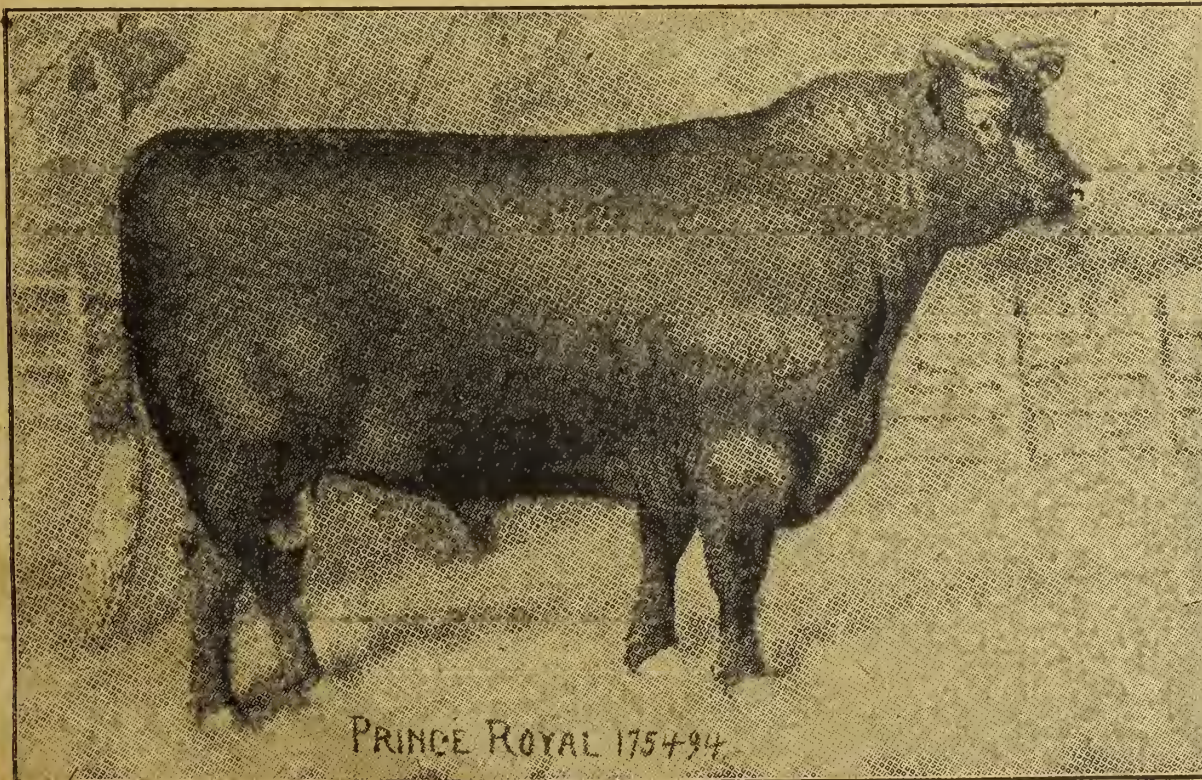
**THE OLEO REMEDY CO., 132 E. 23d St. NEW YORK, N. Y.**

## A. S. ALEXANDER, V. S.

MADISON, WIS.,  
Veterinary Editor The Homestead.  
CONSULTING VETERINARIAN. Advice and prescription by mail, \$1.00.

peat the treatment each time the animal is seen to be in season. In chronic cases the mixture may be injected as soon as ready and again when the first period of heat is noted. If compressed yeast cannot be obtained use any yeast suitable for the making of bread.

All kinds of bee supplies are manufactured and sold by the Kretschmer Manufacturing Company, of Council Bluffs, Iowa. This is one of the most important and reliable bee supply firms in the West. See their advertisement on page 5 and write them for free catalog. Kindly mention The Homestead.



### A GOOD SHORT-HORN BULL FOR SALE

The subject of our illustration is the splendid Scotch Short-horn bull, Prince Royal 175494, owned by Mr. N. P. Halgren, of Vinton, Iowa, and consigned to his sale, June 19th. This bull's picture is interesting at this time from the fact that practically all of the younger cows and heifers listed in this sale are sired by this bull and those not sired by him are bred to him. He is six years old, but is still in his prime; is active and is a sure and good breeder. His pedigree is exceptionally choice from a Scotch standpoint. He belongs to Mr. Cruickshank's famous Miss Ramsden family and is only three removes from the imported cow, while he himself was sired by the Marr bred bull, Imp. Prince Oederic. Prince Oederic belonged to the famous Upper Mill family of Princess Royal. Prince Oederic was sired by Sittytton Pride, he by Scottish Archer and out of Guelder Rose by Pride of the Isles and out of Princess Royal 39th by the Upper Mill's greatest sire, William of Orange. The catalog of this forthcoming sale has the accompanying picture of this bull with his pedigree in full; they can be had for the asking by addressing Mr. N. P. Halgren, Vinton, Iowa.



## ADVERTISING NOTES.

An unimproved quarter section of land, practically all tillable, is priced on page 19. The owner will make easy terms and will be glad to correspond with prospective buyers with the view of meeting them and showing the farm. Address Mr. A. N. Kane (owner), Ger. Am. Bldg., St. Paul, Minn.

Good wild lands and farm lands, also town property in Saskatchewan, Canada, is listed on page 19. These lands are offered by a well-known real estate firm and further particulars may be obtained by writing, mentioning The Homestead, to Mr. J. Morrison Bruce, Real Estate and Insurance Agent, Lashburn, Saskatchewan, Canada.

On very easy terms is offered a 313 acre Tennessee farm in our columns this week. It is situated within a few miles of Memphis, and is equipped with tools for working besides having a herd of Jersey cows. Write for terms and description, mentioning this paper, to Mr. H. M. Anderson, Capelville, R. F. D. No. 1, Tennessee. See page 19.

There is such an apparent shortage of pasture and hay crops everywhere that an unusually heavy demand has developed for millet and other seeds required for late sowing and it is stated that in some of the leading seed markets the supply is already exhausted. The Iowa Seed Company, of Des Moines, Iowa, however, still have some seed in stock which they purchased early in the season and they are enabled to offer same at reasonable prices. See advertisement on page 14.

Des Moines, Iowa, real estate is offered in trade or exchange for California property on page 19. The property in question consists of four double brick flats within five blocks of the business center of the city. Anyones having California property to exchange should write for consideration, describing what they have to trade. The same advertiser offers fruit and nut ranches in California. Write them for proofs and information. Address Shannon with Western Realty & Investment Co., 434 So. Hill St., Los Angeles, Cal.

Mistakes in business in any new country are common. As a rule they are the result of business ventures founded on illogical grounds by persons who are new to the ways and methods of the country. On page 19 is an offer made by a resident of California which should interest every person who has intentions of going West. Young men are bound to go. Big salaries and splendid opportunities for investments are awaiting those who know and can find them. Mr. John I. Stafford, G. 2421 Downey Ave., Los Angeles, Cal., is in a position to help people find these good things. Write him, mentioning this paper.

## TWO 320-ACRE FARMS

are offered in our columns on page 19. One farm is in Manitoba, Canada, all under cultivation and the other is near Regina. Prices are quoted in the advertisement. Mention this paper when you write. Address for particulars, Avery Casey, Barrister, Regina, Sask.

## ADVANTAGES OF STEEL ROOFING.

Steel roofing of good quality has many good points as a roofing. It is easy to put on, and requires no tools other than a hammer and a hatchet. With ordinary care it will outlast most other kinds of roofing. It is suitable for any building. It is fire and water proof, and does not taint the rain water. It is a protection from weather when used as ceiling or siding material. Steel roofing may be purchased in any quantity from the Chicago House Wrecking Co. Freight will be paid on all shipments.

sast of Colorado. This makes it an inducement to corn belt buyers to write for quotations. Prices are the lowest and a sample is given on this page. Ask for catalog W E 500, as advertised. Address, Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

## 160 TO 20 FAVOR OF CALIFORNIA.

It is not an uncommon statement that as much can be grown on twenty acres in California as on 160 acres on an eastern farm, that is, east of California. The ways and methods of farming in that state are intensely interesting. Full descriptions are set forth regarding these methods and the profits to be derived in six booklets. They will be sent if you write for them, mentioning this paper. Address, California Farmland Co., 58 Grosche Bldg., Los Angeles, Cal. See page 19.

## SAVE WASHDAY WORK

should be acceptable advice to any household. Far too many women in the land have ruined their health over the washtub. If the Royal Blue Washer had been in existence when our mothers started housekeeping their lives might have been much happier. Cut out the drudgery of washday. Get an up-to-date, easily operated washer like the Royal Blue. Write for descriptive booklet. Address, H. F. Brammer Manufacturing Co., 1457 Rockingham Road, Davenport, Iowa. See page 16.

## TIMBER AND UNCULTIVATED NORTHERN LANDS.

Fifteen thousand acres of uncultivated land, located within sixty miles of the great market centers of St. Paul and Minneapolis, are offered for sale to farmers on page 19. While the soil is a clay loam, it is the kind that produces the best of grasses, grains and vegetables. This land is partly timbered and well watered. It may be purchased in lots to suit the buyer and direct without commission from A. T. Moe, Midway, St. Paul, Minn. Mention The Homestead when writing for particulars.

## EIGHTY SMOOTH, SOLID BALES

is a good hour's work. But that is what the Ohio all-steel angle framed hay press can do in that time. All the modern and recognized improvements are embodied in the Ohio press. It is equipped with an automatic friction clutch which stops the press instantly. The foot button drop block dropper, drops right in time and place. It returns automatically. The Ohio is the press for durability, speed and economy. Send for catalog and investigate. Address, The Ohio Cultivator Co., Dept. 13, Bellevue, Ohio. See page 8.

## THE COMFORT SWING CHAIR.

On the lawn, under a cool shade tree, on the front porch, in seclusion of vines, or on the restful back veranda after the day's toil is over, there is a place for the comfort swing chair that no other reclining seat will fill. The Comfort chair that is advertised on page 16 is one of the kind that is just waiting for you to drop into at anytime, morning, noon, or night. It fits you everywhere. You should drop a postal today for a guide which tells how to make country summer days comfortable. Address, Haggard & Marcusson Co., Factory 427 So. Canal St., Chicago, Ill.

## JONES SELLS GOOD SCALES.

A genuine five-ton, all steel trussed, complete and carefully made wagon scales may be purchased of Jones for the moderate sum of \$45. Jones is the man who has made scales for forty years in New York. He is pretty well-known to our readers. He has a world of friends who are the best advertisement he has. Jones is still selling as high a grade of farm scales as ever. They are warranted against defect. What more could any buyer desire. See what is said about this scale on page 3. Write for the new plan of buying. Address, Jones, He pays the Freight, Box 418A, Binghamton, N. Y.

## SHELLED 397,000 BUSHELS OF CORN IN FOUR YEARS.

This is the record made by Omar Kinsey, of Minier, Ill., with an Ottawa Dustless Cylinder Corn Sheller Model "C". What is more wonderful about this feat is that Mr. Kinsey never had a breakdown during the entire four years. He recently mailed his first order for repairs to the King & Hamilton Co., of Ottawa, Ill., the manufacturers, amounting to \$14.44, with which he expects to put the sheller in such condition as to fit it for four years more of continuous work. This record, we believe, tells its own story regarding the high efficiency, durability and reliability of these shellers. The Ottawa of today is the culmination of fifty years experience in building cylinder corn shellers. It has many valuable features exclusively its own. For instance, it shells corn perfectly in any condition—wet, dry, dirty or rotten. With its perfected dust collecting apparatus it is absolutely dust proof. Unlike many other shellers it does not crush the cobs, but leaves them in a nice clean pile, making them ideal for fuel. By changing screens it will shell pop corn as perfectly as it does field corn. These are but a few of the many good features of the Ottawa Dustless Cylinder.

# PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 832-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.

DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

der Sheller. Sheller men or others interested should not fail to write for complete catalog and particulars. These shellers, we understand, are sold on an iron-clad guarantee, eliminating all risk to the purchaser. This company also claims that their shellers show the purchasers from 25 to 50 per cent more profits than other makes, which is no small item in making a selection. However, as the proof of the pudding is in the eating, we would advise our readers to investigate their proposition before placing their order elsewhere. For catalog address, King & Hamilton Co., Ottawa, Ill. See page 3.

## SOMETHING OF INTEREST TO EVERY-

## ONE.

There is no kind of roofing quite as cheap in the end as one which can get along without having to be painted. Such a roofing is Amatite. This roofing has a mineral surface, which is much more durable than paint, and as a result Amatite does not need any paint at all. If you have never seen a mineral surfaced roofing, you should inform yourself at once about this latest development in ready roofings. The manufacturers of Amatite will be glad to send you a free sample. Address this nearest office of the Barret Manufacturing Company, New York, Chicago, Cleveland, Allegheny, Kansas City, St. Louis, Minneapolis, Philadelphia, New Orleans, Cincinnati. See advertisement on page 17.

## PRESERVE FARM TOOLS.

With all the care you can give farm tools, there is nothing that adds so much to their usefulness and longevity as a coat of good paint now and then. Good farm tools will stand a great deal of wear when properly cared for. None will stand exposure to the elements for any length of time and remain efficient. In painting wagons, and other tools use only pure white lead paint. It requires the best kind of a paint to stick to surfaces exposed to much wear. A good reliable paint for this use is the brand called the Old Dutch Process of pure white lead paint. "A Talk on Paint" tells all about this process and about the colors, and other paint pointers valuable to know. (Write for the booklet to the National Lead Co., Chicago, Ill., or any of the points given in the advertisement on page 5 that is nearest you. Kindly mention The Homestead when asking for the booklet.)

## HAY MAKERS' PLANS.

Nothing is so disconcerting to the plans of the hay maker as to find his hay loader, tedder, rakes, or whatever the tool, breaking down frequently. In such cases the best thing to do is to throw the old implement away and buy a new one. When hay is ready to stack, delay is dangerous. Why not look over the tools now and plan to replace the old loader or the out-of-date tedder with a good Sandwich machine. The Sandwich tools are known the country over. Their announcement regarding their models for the season is made to readers in this week's issue on page 8. Sixteen years of successful operation is behind every Sandwich loader, tedder, or rake that goes to the hay field. Stop and consider whether prestige means anything in farm tools. If it does, then write for illustrated catalog of Sandwich hay tools. Address, Sandwich Mfg. Co., 143 Main St., Sandwich, Ill.

## "PAYS FOR ITSELF EVERY YEAR."

That's the experience of hundreds of users of good cream separators. It takes but little figuring to prove it, too. Say that the person who skims by hand or uses a poor machine loses one-fourth of the butter fat. This estimate is not an extreme case either. It is a common experience. Suppose a farmer sells 200 pounds, a little better than the average, of butter from every cow in a year. Fifty pounds is one-fourth and it represents the part that will go into the swirl harrel with the skim milk if a separator is not used. It further represents a value of ten dollars, and anyone can soon calculate how many cows it will be necessary to save this amount on to pay for a cream separator. "We have used a National for seven years and it is doing as good work as ever," writes a Pennsylvania dairyman, "simply could not do without it." So it goes with users of the National. It is said that a good account in a National bank and a National separator are inseparable. Details of the construction of the machine are fully outlined in the handsome catalog No. 133 which is free to any interested person. Address, The Hastings Industrial Co., Chicago, Ill. See page 7.

## HAVE YOUR WASHING DONE FREE.

What next! One of our advertisers, Mr. R. F. Bieber, general manager of the famous 1900 Washer Co., of Binghamton, N. Y., is so enthusiastic over the work done by his wonderful Gravity Washer that he makes a wide-open, unlimited offer to let the machine do all the family washing for a month on free trial. Everybody who has tried his washer has been delighted with the work it does. He not only takes all the risk of the full month's free trial, but even pays the freight. You don't need to send him any money in advance or sign any bonds or make any deposits. The hard part of the washing is all done by the machine itself. It washes a big tubful of dirty clothes spotlessly clean in six minutes. It washes fine lace curtains without tearing them. Yes, and it will even wash carpets! Any responsible person wishing to let the Gravity Washer do a month's washing as a free test can get a machine on free trial, without being obligated to keep it unless perfectly satisfied. Mr. Bieber will let you pay by the week or month out of what the washer saves. You can get full particu-

lars of this liberal free trial offer and "Pay as it Saves for You" plan by sending your name and address in a letter or on a postal to the General Manager of the 1900 Washer Co., Mr. R. F. Bieber, 289 Henry Street, Binghamton, N. Y.

## ARMSTRONG'S FEEDER ADJUSTER.

Those of our readers who are interested in a corn feeder adjuster should read the advertisement of Mr. C. E. Armstrong, Lewis, Iowa, on page 15 of this week's issue. This is one of the devices that saves time and money to those who operate corn shellers. Write for his free circular, giving detailed description and prices, and kindly mention The Homestead.

## A GOOD HOG FARM FOR SALE.

This man who wants a good hog farm right near town, and with a good business already established, should write to Mr. Sol Frank, of Sioux City, Iowa. He offers for sale this splendid place of fourteen acres with a good house and outbuildings, fenced and cross fenced, with an abundance of fruit, and just the place for some man who wants to raise hogs and fruit. Here is a great bargain. Write Mr. Frank about this place and mention The Homestead.

## HOW TO DESTROY QUACK GRASS.

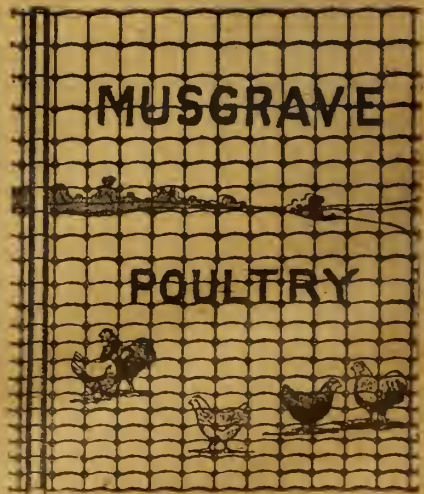
If you have a crop of quack grass it is time to harvest it. Those who are acquainted with this variety of grass will need no introduction to it. On page 10 one of our advertisers offers a machine which is guaranteed to accomplish more destruction to this pest than any farm tool that can be used. This company will be glad to answer any inquiries which our readers may wish to write them. They will be glad to explain the merits of this machine fully. If you have any of this pest on your farm you should investigate this machine. When you write for circulars address, Austin Weed Extirminator Mfg. Co., 300 West Mill Street, Austin, Minn.

## THE RIGHT SPOT

For you, Mr. Farm-seeker, may be exactly the country which we are going to call attention to right here. A good part of the farming population of our country is shifting around. One of the reasons for this is that people do not get started right to find the right spot. A good deal of the expense of traveling can be saved by a bit of study. Never has there been so much literature on the farming lands of the country available to the farmer as at present. The man who intends to buy a farm in the Northwest can learn probably more about the conditions of crops, climate and country by the descriptive material now at hand than could be learned from a summer's trip through prospective territory. In view of this fact, the proper thing then for Mr. Farm-seeker to do is to supply himself with some of this literature pertaining to lands in the great northwest. It consists of full descriptive circulars of prices, crops, people, irrigation and ways of visiting this country at the least expense. In the Canadian Pacific tract there are now the best of opportunities for investment. Write for these aids to find the right spot. Address, Canadian Pacific Colonization Co., Ltd., 71 Ninth Avenue West, Calgary, Alberta, Canada. See page 6.

## FENCES, GATES AND WIRE STRETCHERS

The accompanying illustration shows a section of the famous poultry fence handled by the Musgrave Fence Co., of Des Moines, Iowa. This reliable firm handles not only this high-grade poultry fence, but a large assortment of lawn and hog fences, orna-



mental gates, and the kind of all wire stretchers. Mr. Musgrave sells direct to the consumer, so can save you a large per cent on your investment. If it is anything in the fence line you wish, the Musgrave Fence Co., of Des Moines, Iowa, can fill the bill. Write them for prices and mention this paper.

## THE GOLDEN PRAIRIE COUNTRY.

When we look back fifteen or twenty years and remember that all that portion of northern Iowa that was then only pasture land, selling at \$5 to \$15 per acre, is now developed into high-class farms; when we note that during that period lands in central Ne-

## BALES 15 TONS HAY A DAY

Say "Baler Book" on a postal to us and we will send you free a book telling the results of our experience since 1867 making hay presses. You want profit, so should spend a penny to learn about our Gsm Full Circle Steel Baler and how we save you about \$5 in price and sell you a press which will save you as much more each year in repairs and do the most work. Patent power head, short trip levers arms, long plunger stroke with quick rebound, large feed opening and two charges for each round of the team are advantages of our presses.

Geo. Ertel & Co., Quincy, Ill.

## MILLET

Cane, Kaffir Corn, Flax, Buckwheat, Rape and other seeds for late sowing. Ask for samples and prices of anything wanted.

### IOWA SEED CO.,

Des Moines, : : : : Iowa.



Most economical and durable roof covering known. Easy to put on; requires no tools but a hatchet or a hammer. With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. Fire-proof and water-proof. Cheaper and more lasting than shingles. Will not taint rain-water. Makes your building cooler in summer and warmer in winter. Absolutely perfect, brand new, painted red two sides. \$1.50 is our price for our No. 15 grade of Flat Semi-Hardened steel roofing and siding, each sheet 24 inches wide and 24 inches long. Our price on the corrugated, like illustration; sheets 24 inches wide x 24 inches long \$1.60. At 25 cents per square additional we will furnish sheets 6 and 8 feet long. Steel pressed brick siding, per square \$2.00. Fine Steel Beaded Ceiling, per square \$2.00. Can also furnish standing seam or crimped roofing. **WE PAY THE FREIGHT TO ALL PORTS EAST OF COLORADO** except Oklahoma, Texas and Indian Territory. Quotations to other points on application. Satisfaction guaranteed or money refunded. We will send this roofing to any one answering this advertisement C. O. D., with privilege of examination if you will send us 25 per cent of the amount of your order in cash; balance to be paid after material reaches your station. If not found as represented, you do not have to take the shipment and we will cheerfully refund your deposit. Ask for Catalog No. W-500. Lowest prices on Roofing, Eave Trough, Wire, Pipe, Fencing, Plumbings Doors, Household Goods and everything needed on the Farm or in the Home. We buy our goods at sheriff's and receiver's sales. **CHICAGO HOUSE WRECKING CO., 36TH & IRON STREETS, CHICAGO**



braska and Kansas that were hawked about in trades at \$50 per quarter section are now changing hands at \$50 to \$90 per acre; when having visited southern and central Minnesota in the early nineties finding there a vast sparsely-settled plain we revisit that country now and find it all changed into improved farms with white houses and big red barns and find that land that we refused to buy at \$10 per acre has recently changed hands at \$65 per acre, the realization is forced upon us that the unoccupied area of agricultural land is almost if not entirely a thing of the past. Steadily, al-

This tract of land, about thirty-five miles square, is peculiarly situated both as to soil and crop conditions, and to the circumstances which have conspired to prevent its settlement in the past. Each alternate section of the land was granted by the government to the Union Pacific Railroad Company about forty years ago. It was immediately purchased by the ranchmen who fenced their ranches, including in their pastures the alternating government sections, thus preventing the homesteaders going in and taking up the land. These ranchers have prospered and have monopolized the country, with the ex-



The Golden Prairie Country is shown in shaded lines.

most imperceptibly, the population is increasing and land that only a few years ago was considered fit only for grazing is now in cultivation and is yielding large and profitable grain crops, providing homes for thousands of thrifty families. As we view these rapidly changing conditions the question arises as to where the man of limited means can avail himself of opportunities such as were presented a few years ago for investment in cheap lands. This is a difficult question to answer, for all the agricultural lands on the public domain have been appropriated with the exception of a few limited areas that for some special reason have been withheld from settlement and in this connection we call attention to what is known as the Golden Prairie district of southeastern Wyoming.

SHEEP.

WOOL

WE have made arrangements to act as agents for one of the largest wool concerns in the East. We can pay you more money than you have been getting. We furnish wool sacks and twine to our shippers. We keep your shipment separate until you are satisfied. Get our prices. Reference—*Iowa Homestead*, Citizens Bank, Decorah, Iowa, and farmers in all parts of the state. Write today.

THE ADAMS SEED CO.,  
DECORAH, IOWA.

CLOVER HILL SHROPSHIRE

WE now offer strong massive home-bred yearling rams, royally bred and with dense fleeces of good length. Large importation will arrive from England in August. Were first foreign buyers this season, thereby securing top selection from the oldest established flocks. Show rams and ewes; lambs, yearlings and two-year-olds, for those wanting sure winners. Yearling rams and ewes to improve any flock and better breeding material cannot be found. Right prices and unexcelled shipping facilities.

CHANDLER BROS.,  
Chariton, Iowa

GEORGE MCKERROW & SONS, PEWAUKEE,  
WISCONSIN

IMPORT, breed and sell the best of Shropshire, Oxford and South-down sheep. Show sheep and flock headers.

More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free.

MYERS-BOYD COMMISSION CO., ST. LOUIS, MO.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN,  
Lexington, Neb.

GOATS.

2,000 HIGH GRADE  
ANGORA WETHERS.

One and Two Years Old. THESE goats can be used for brushing and then fed and sold for mutton.

Come and see us or write, Address,

WYATT CARR,  
Collins, Iowa

Farm 3-4 mi. from depot. Phone 24



ception of a small settlement of Swedish people, until last year the national government determined to permit the settlement of the country, and all fences surrounding government land were ordered removed. This order forced the ranchmen out of business and the Federal Land & Securities Co., of Des Moines, Iowa, purchased the Gilling, Thomas, Hunter, Baxter and Wilkinson ranches, consisting of about 130,000 acres of deeded land. The company are now farming extensively, 10,000 acres of the land having been reserved for this purpose, and in their operations are using a large steam plow with seeder attachment, putting in hundreds of acres of oats, wheat and flax. A large number of farmers from Iowa and other central states have located there during the present spring, while many well-informed retired farmers and capitalists have purchased land there which they are having put into cultivation. In the neighborhood of 300 homesteads have been taken within the past few months, a new town established and developments are going forward rapidly. Many people have gained the erroneous impression that the Golden Prairie country is in the Northwest, but a glance at the above outline map of the central states will reveal the fact that it is farther south than Des Moines or Chicago. This is an important feature which should not be overlooked by the man wishing to secure for himself a home, as climatic conditions should always be considered. The Federal Land & Securities Co. are probably the largest and best known land corporation engaged in the development and colonization of agricultural lands. It is a Des Moines institution. The board of directors consist of Edwin A. Nye, editor of the *Des Moines Daily News*, who has also large holdings in banks and other commercial enterprises; Alex Hastie, president of the Hastie-Carrell Abstract Company, and for thirty-five years a prominent citizen of Des Moines, identified with many movements for the building of her industries. Mr. Hastie is also treasurer and assistant secretary. J. R. Carpenter, a native of Illinois, is the third director and also president of the company. Mr. Carpenter came to Des Moines from Monmouth, Ill., six years ago, and has large property interests in the city. He is known among land buyers both as a competent judge of soil and values and as a man whose integrity is unquestioned. The other officers of the company are H. J. Tillia, vice-president, formerly of Buda, Ill., where he owns a fine, highly-improved farm and where his standing is as high as the highest. Dr. S. O. Stockslager, secretary of the company, is a physician and capitalist of Boone, Iowa, where he has practiced medicine for thirty-five years, and is known as a man of sterling qualities. Mr. C. L. Beatty, general sales agent, has been actively engaged in the fire insurance business for sixteen years and is well and favorably known throughout the entire state. In addition to their holdings of land in the Golden prairie district this company own a large number of improved farms, as well as much property in the city of Des Moines, including Bryn Mawr Heights Addition to the city. The company are strong both financially and in business integrity, and its management is in the hands of men of high standing and large financial interests in the community. In dealing with them our readers can rest assured that they will receive fair and liberal treatment, while those who have visited their lands on the Golden Prairie of Wyoming are united in saying that that country is all that is claimed for it, and to use the words of Mr. C. H. Ainley, president of the Des Moines Fire Insurance Company, who returned from that country a few days since after purchasing some of the land, "As with northern Iowa, eastern Nebraska and other portions of our country, all that is required is time for development to place that portion of southeastern Wyoming in the same class as to price of lands, with other and older agricultural districts."

The Martin Angus Sale

The first public sale of Aberdeen Angus cattle ever made by Mr. C. J. Martin was held at the farm, near Adaza, Iowa, on May

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28th, and it proved one of the most successful sales of the season. This herd was one of the most noted in the West, and was the great World's Fair herd, besides winning at the International, American Royal, and the leading state fairs. The sale, while a good one, certainly offered some splendid bargains. The leading Angus breeders of the West were there and the home attendance surpassed all expectations. In fact the tent could hardly hold the crowd. The cattle were in excellent condition, much to the credit of Mr. Sam Johnson, the herdsman. The sale opened with Blackbird Eclipse 2d, a seven-year-old Blackbird cow, and she went to Messrs. White Bros., Perry, Iowa, at \$300. Two of her daughters went to the same parties at \$275 and \$250. The highest priced animal of the sale was the great cow Blackbird 26th. She sold for \$2,010 and was purchased by Messrs. P. J. Donahoe, Matt Donahoe and Patrick Leahy, of Holbrook, Iowa. Her seven-months old son, Blackbird Defender, was purchased by that veteran breeder, W. A. McHenry, Denison, Iowa, at \$1,500. The fifty-two head averaged \$270. The bulls averaged \$338.75 and the females averaged \$256.86. Not in recent years has a better lot of Angus cattle been sold at public auction, and every man who bought in this sale got his money's worth. Mr. James Williams, Marcus, Iowa, was one of the best bidders and buyers in the sale, and secured some of the bargains. Mr. R. M. Anderson, Newell, Iowa, bought heavily, also Mr. Stanley Pierce, of Creston, Ill., Messrs. White Bros., Perry, Iowa, and Mr. J. M. Graham, Des Moines, Iowa. Col. F. M. Woods cried the sale, assisted by Cols. Luther, Judy and Binnie. Below is a detailed report of the sale:

COWS.

Key of Indianapolis, 5-years, R. M. Anderson & Son, Newell, Iowa.....\$ 700  
Blackbird 26th, 5-years, P. J. Donahoe, Matt Donahoe, Patrick Leahy, Holbrook, Iowa.....2,010  
Blackbird Eclipse 2d, 7-years, White Bros., Perry, Iowa.....300  
Bertha M. Blackbird, 4-years, White Bros.....275  
Blanch Blackbird, 2-years, White Bros. Alice Blackbird, 1-year, R. M. Anderson & Son.....175  
Edgewood Dolly, 7-years, White Bros. Dolly Ito, 1-year, James Williams, Marcus, Iowa.....255  
Blackbird 35th, 2-years, Stanley Pierce, Creston, Ill.....900  
Zara Rosegay, 1-year, J. D. Black, Lohrville, Iowa.....100  
Eva P. Erica, 4-years, White Bros.....245  
Imp. Homily of Glamis, 7-years, Matt Baker, Manning, Iowa.....200  
Heatherbloom 11th, 1-year, Stanley Pierce.....180  
Heather Mable, 8-years, M. M. Head, Jefferson, Iowa.....150  
Mable E. Heatherbloom, 3-years, E. G. Messer, Grundy Center, Iowa.....110  
Heatherbloom 5th, 2-years, James Williams.....255  
Heatherbloom 8th, 1-year, John Arnette, Churdan, Iowa.....195  
Heather Ruth 2d, W. M. Worley, Jefferson, Iowa.....140  
Heatherbloom 9th, 1-year, Stanley Pierce.....115  
Imp. Lucy of Careston, 5-years, Geo. Kitchen, Jr., Gower, Mo.....575  
Lucy Drake, 3-years, White Bros.....225  
Moss Creek Brunette, 8-years, Henry Blake, Churdan, Iowa.....205  
Lucy Martin 3d, 2-years, J. M. Graham, Des Moines, Iowa.....255  
Lucy Ito, 1-year, O. J. Hadley, Indianapolis, Iowa.....125  
Maplehurst Brunette, 5-years, John Arnette.....235  
Lucy Martin 2d, 3-years, T. E. Wayne, Mason City, Iowa.....180  
Prairie Lass, 10-years, J. D. Black.....250  
Neves, 6-years, White Bros.....110  
Queenie, 3-years, Lem Lemar, Storm, Lake, Iowa.....100  
Queenie Ito, 1-year, John Arnette.....140  
Nuggett 16th, 6-years, White Bros.....225  
Queen Martin 2d, 3-years, White Bros.....120  
Floretta of Cherokee, 3-years, T. E. Wayne.....310  
Maplehurst Coquette, 5-years, A. I. Stacey, Staceyville, Iowa.....125  
Edgewood Barbara 3d, 7-years, Isenbarger Bros., Battle Creek, Iowa.....100  
Barbara Martin, 3-years, J. M. Graham.....200  
Barbara 6th, 1-year, John J. Wolanta, Calmar, Iowa.....145  
Maggie Sanger, 11-years, J. M. Graham.....100  
Maggie Martin, 2-years, J. T. Reynolds, Lohrville, Iowa.....135  
Maggie's Lass, 6-years, A. C. Binnie & Son, Alta, Iowa.....130  
Maggie Norlich, 2-years, J. M. Graham.....105  
Heroine of North English 2d, 10-years, J. N. Graham.....155

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Heroine 2d, 2-years, J. T. Reynolds... 135  
Heroine of North English 5th, 6-years, J. M. Graham..... 130  
BULLS.  
Black Defender 99623, 7-months, W. A. McHenry, Denison, Iowa..... 1,500  
Blazoner 92200, 1-year, A. H. Fay, Nevada, Iowa..... 275  
Erita 92199, 1-year, C. O. Kimball, Oxford Junction, Iowa..... 225  
Barbito 92203, 1-year, J. D. Black, Iowa..... 125  
Macola 92205, E. A. Olive, Scranton, Iowa..... 150  
Herito 92211, 1-year, Weaver Freeman, Adel, Iowa..... 155  
Heronito 92211, 1-year, T. V. Young, Jefferson, Iowa..... 120  
Coquito 92197, 1-year, A. W. Crouch, Auburn, Iowa..... 160

SUMMARY.

44 females.....\$11,300; average.....\$256.86  
8 bulls.....2,710; average.....338.75  
52 head.....14,010; average.....270.00

The South Omaha Sale.

The Short-horn sale at South Omaha, under the management of Mr. F. P. Healy, on May 27th, brought out a good crowd of breeders from Iowa and Nebraska, and everything went at fairly good prices. The cattle were sold on their merits, without any future guarantee, and this prevented some from paying more money for the better sorts. However, it was a good, clean sale, and buyers got their money's worth. A few of the bulls, while very good, were a little too young to bring any big prices. Mr. Wilson's old herd bull, Straight Cruick, was a bargain at \$185, but it is only another instance where animals with a little age on them do not bring their real value. Red President, a yearling son of Imp. Roan President, topped the bull offering at \$275, and was purchased by Mr. O. N. Overton, of Nebraska City, Neb. The Secret heifer, Secret Princess 6th, belonging to Mr. F. P. Healy, topped the female offering at \$210, and was purchased by the same firm. Col. Geo. P. Bellows cried the sale. Below is a list of those selling for \$100 and over:

W. R. WILSON—BULLS.  
Straight Cruick 191132, five years, Ira Dawson, South Omaha, Neb.....\$185  
Bapton Cruick 275966, one year, F. M. Hall, Friend, Neb.....145  
Beauty's Cruick 2d, one year, Elmer Johnson, Malvern, Iowa.....200  
Red President 275967, one year, O. N. Overton, Nebraska City, Neb.....275

COWS.  
Scarlet Rose, seven years, W. E. Pritchard, Avoca, Iowa.....175  
Faithful 4th, one year, same.....125  
Scarlet Rose 2d, one year, J. D. McDermott, Wiota, Iowa.....190  
Scottish Violet, five years, Jno. S. Dickey, Farragut, Iowa.....160  
Scottish Violet 3d, one year, J. S. Haley, Craig, Neb.....115  
Flora Aberdeen 2d, three years, Jack Westrope, Harlan, Iowa.....110  
Gladys 2d, one year, J. D. McDermott.....185

F. P. HEALY—BULLS.  
Gloster's Baron 262634, two years, Robt. Schloss, North Bend, Neb.....215  
Baron Gloster's Pride 262631, one year, J. A. Ader, Emerson, Neb.....130  
Baron Minerva 262632, one year, R. M. Young, Cook, Neb.....100

COWS.  
Secret Gem 6th, eleven months, W. E. Pritchard.....130  
Birdie Gloster 3d, one year, Jno. S. Dickey.....130  
Secret Princess 6th, two years, O. N. Overton.....210  
Secret Gem 5th, one year, same.....200  
Secret Princess 7th, two years, same.....200

J. A. McFARLANE—BULL.  
Master Prince, one year, Moses Martin, Springfield, Neb.....115

SUMMARY.

21 bulls.....\$2,272.50; average.....\$108.21  
27 females.....2,899.00; average.....107.00  
48 head averaged.....107.71



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

Sometimes while admitting the value of honesty as a virtue we are tempted to doubt the wisdom of honesty as a business policy. At such times we are apt to pity ourselves for having inflexible principles if we do not go farther and swerve from the line of absolute rectitude. Two little happenings of recent date have such a distinct bearing upon the unwisdom of dishonesty as a business policy that I have decided to disguise them a little and pass them on for the benefit of tried, tempted or discouraged ones.

It chanced that Mr. A, who was not a smoker and knew nothing of cigars, wished to make a present of a box of cigars to an old friend who was a habitual smoker. Now Mr. A had a neighbor and old-time acquaintance in the wholesale cigar business and chancing to meet him—we shall call him Mr. B—he asked his advice as to the brand of cigar he should purchase. "Why not buy from me?" asked Mr. B. "Because I have found that it interferes with a friendship to have business dealings with my friends. I make it an absolute rule not to buy or sell, lend or borrow to or of one whom I wish to keep as a friend."

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"I dare say you are wise," returned Mr. B. Then, after a moment added, "Here we are at Smith's. Let us go in. He is a patron of mine. He will give you a good article." Mr. Smith himself happened to be behind the counter, and he and Mr. B conferred as to the brand, then on the box of cigars being produced, Mr. A inquired the price. Before Smith could reply, Mr. B named a figure whereupon Mr. A handed over the money. It might have been a week later that A decided to give cigars to another friend and naturally enough went to Smith's. This time he was served by a clerk, and to his surprise, on paying for a box of the same brand, he was charged fifty cents less than he had paid the week before. Asking the clerk if there had been a "drop" in tobacco he was told, no, that the price of cigars had not changed for some time. An explanation of some kind was necessary. Seeking it, Mr. A remembered the interexchange of glances between B and Smith at the time of the previous purchase. The fact flashed upon him that he had been "done" by his neighbor, for the sum of fifty cents. Some years later B went out of the cigar business and into that of real estate. Shortly after making this change he called upon A with a proposition which promised unusually good returns. "I haven't forgotten your objection to doing business with your friends," he said, "but this thing is so good you can't afford to miss it." A listened and finally agreed to consider the matter. That night he told his wife of B's call and she asked what he intended to do. "Do you remember that cigar business?" She nodded assent. "Well, remembering that, I've decided it is unsafe to have business dealings with B. He is not to be trusted."

The Atkins had only lately come to town, but as they occupied a good house and kept a carriage they were already making acquaintances and being invited out. One morning at breakfast, Mr. Atkins remarked that he had half a notion to put some money in the L & O Investment Company; that Mr. Thompson, the president, had been talking to him, and that he impressed him as a good business man and quite a decent fellow. "Have nothing to do with him, Harry," advised Mrs. Atkins. "The man is not honest." "Not honest!" echoed Mr. Atkins. "What do you know about him?" "I know that he is not to be trusted. and I'll tell you why. You remember the day we played croquet at the Spelman's? Well, he won the game by cheating on the sly. At two different times, I saw him slip his ball, which was wired, into position, and once he claimed to have gone through the cage the previous time when I distinctly remembered that he did not. It is easy to cheat when six are playing, you know. He simply took



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5-ply Block Asphalt Roofing	\$2.90

Commercial Station, Dent, D.  
ST. PAUL, MINN.

advantage of that fact to get ahead and win the game. You may say it was only a game, and that it don't matter, but I say it's not safe to invest money with a man whose principles can't stand the strain of a game of croquet." Mr. Atkins whistled softly half under his breath, and then he said, "Well, you surprise me, but I am glad you told me. I guess I'll not place money with Thompson!"

## HOME AND HOMEMAKING.

To be courageous like Joshua.  
To be self-reliant like Nehemiah.  
To be obedient like Abraham.  
To be persevering like Jacob.  
To be decisive like Moses.  
To be administrative like Solomon.  
To be above reproach like Daniel.  
To be long suffering like Paul.  
To be self-disciplined like David.  
To be prayerful like Elijah.  
To be master of passions like Joseph.  
To be hold like Peter.  
To be self-surrendered like Noah.  
To be God-like like Enoch.  
To be faith-acting like Abel.

## JUNE.

When the waters dance with gladness,  
And the blue skies, bending over,  
Bear no trace of clouds or sadness  
And the fields are spread with clover;  
When the feathery dandelion  
Stars with gold the emerald grasses,  
And each tip of hough and scion  
Droops with bloom in snowy masses;  
When the birds with joyous singing

All their bliss and hope are telling,  
And the south wind halm is hringing,  
All the name of June are spelling.  
—Ninette M. Lowater.

## RED BRIDAL GOWNS.

The choice of white for wedding gowns is of comparatively modern origin. The Roman brides wore yellow, and in most Eastern countries pink is the bridal color. In the middle ages and during the Renaissance, brides wore crimson. Most of the Plantagenet and Tudor queens were married in that vivid hue, which is still popular in parts of Brittany, where the bride is usually dressed in crimson brocade.

It was Mary Stuart who first changed the color of the bridal garments. At her marriage with Francis I. of France, in 1558, which took place not before the altar, but before the great doors of Notre Dame, she was dressed in white brocade, with a train of pale blue Persian velvet six yards in length.

This innovation caused a great stir in the fashionable world of the time. It was not, however, until quite the end of the seventeenth century that pure white, the color before that worn by royal widows, became popular for bridal garments.

Bride cake is a relic of the Roman Confarreates, a mode of marriage practiced by the highest class in Rome. In Confarreatation the bride was led to the altar by bachelors, but conducted home by married men, and the ceremony took place in the presence of ten witnesses by the Pontifex Maximus, whereupon the contracting parties mutually partook of a cake made of salt, water and flour. Only those who were born in wedlock were eligible for the high sacred offices. But the custom of breaking a cake over the bride's head when she enters her husband's home is borrowed from the Greeks.

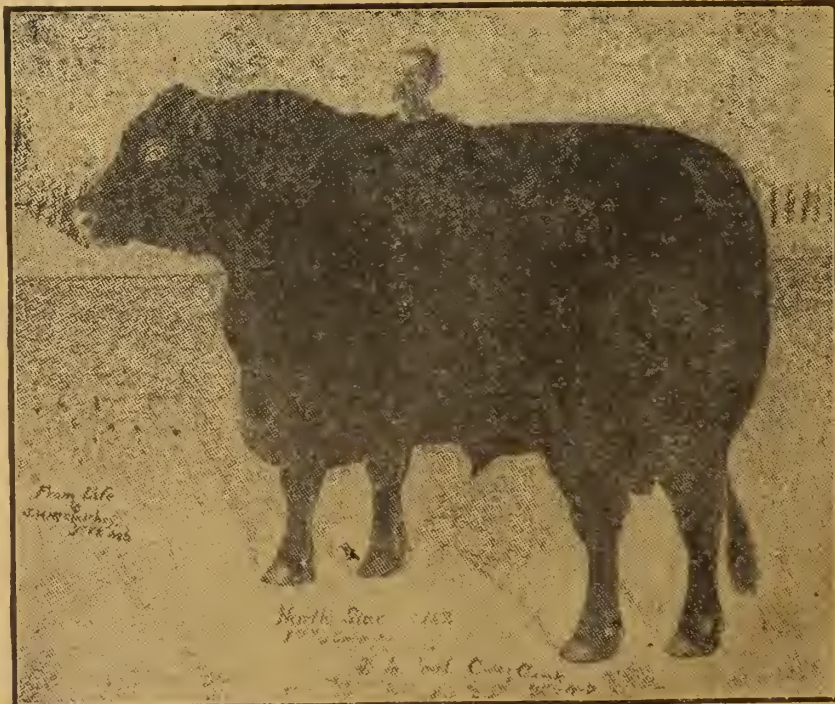
## DOMESTIC HINTS.

Rice and Strawberries—Boil half a cupful of well-washed and dried rice in one quart of boiling water for twenty minutes. Drain it and put into a double boiler with a little salt, a tablespoonful of sugar and milk enough to cover it. Cook until the rice is thoroughly soft and the milk is all absorbed. Make a thick sirup of one cupful each of water and sugar and let it cool. In the center of a glass dish heap strawberries, arrange the rice around them, and over the whole pour the sirup. Serve at once.

Tapoca Pudding with Strawberries—Cover a cupful of well-washed tapoca with cold water and let stand over night in a double boiler. In the morning add two cupfuls of boiling water and cook slowly until the tapoca is clear. Then add two cupfuls of strawberries and one of sugar. Pour into a serving dish and eat with whipped cream. This is delicious and far handsomer if served cold.

Rhubarb Cream Pie.—One cupful of rhubarb chopped fine or grated, one cupful of sugar, a pinch of salt, a grating of nutmeg or lemon peel. Moisten a tablespoonful of cornstarch with a tablespoonful of cold water; then fill the cup up with boiling water, stirring until clear. Beat the yolks of three eggs until light, and add them with the corn starch to the other materials. Line a pie plate with good, light paste, fill with the mixture and bake in a moderately hot oven until custard is set. When done and cooled, cover with a meringue made with the whites of the eggs and half a cupful of confectioner's sugar. Brown delicately in the oven.

Codfish balls are prepared in so many various ways that at times it is hard to distinguish them. The following recipe, if carefully followed, will convince you they are worth the pains: One pound brick salt codfish procured at any good grocer's, one-quarter pound suet. Remove all stringy parts, put on in deep saucepan in one-half gallon cold water, let boil one hour. While boiling the fish and suet together, have boiling five medium-sized raw potatoes in separate stew pan. Time all this so as to have them done at the same time, as it is very essential to mix together while hot. Remove all bone from codfish, place in pan. With potato masher pound until of a fibrous substance, suet to remain in fish. Then mash your potatoes perfectly smooth. If you have properly boiled them, they will be entirely free from lumps. Mix the pounded fish with the mashed potatoes, one teaspoonful of



## RED POLLED BULL OF W. H. LAKE, LAKE HAMPTON, NEB.

On June 12 there will be a public sale of Red Polled cattle held at the W. H. Lake stock farm near Hampton. There will be a number of heifers sired by this bull and most of the cows will have calves at foot or bred to him. This bull was sired by the imported bull, The Ensign 3096, out of the dam 6591 Nancy. The Ensign was a winner at the English Royal and also at the American state fairs. He was imported by Captain T. Hillis, and was sold to Mr. Bordon for \$1,000. North Star is one of his very best sons. This bull was shown at the Nebraska State Fair in 1900, winning first and sweepstakes. At the time he was owned by W. H. Hill, of Cedar Creek, Neb. He was purchased by Mr. Lake three years ago and has been a valuable addition to this herd. In writing for catalog mention this paper.



onion, slight pinch of nutmeg, yolks of two eggs, chopped parsley, salt and pepper to taste.

To fry form into cakes the size of a muffin, drop into egg batter, then into grated bread crumbs (stale). Fry in drippings of sweet salt pork. When nicely browned on both sides, remove from pan, drain on clean paper for a moment.

This is the recipe of the famous Lovejoy, who was located for so many years at the corner of Park Row and Beekman streets, New York city. He made a specialty of cod-fish cakes.

#### FOR THE CHILDREN—FIVE LITTLE FOXES.

Among my tender vines I spy  
A little fox named—By-and-By.

Then set upon him quick, I say,  
The swift young hunter—Right away.

Around each tender vine I plant,  
I find the little fox—I can't.

Then, fast as ever hunter ran,  
Chase him with bold and brave—I can.

No use in trying—lags and whines  
This fox among my tender vines.

Then drive him low, and drive him high,  
With this good hunter, named—I'll try.

Among the vines in my small lot  
Creeps in the young fox—I forgot.

Then hunt him out and to his pen  
With—I will not forget again.

A little fox is hidden there  
Among my vines, named—I don't care.

Then let I'm sorry—hunter true—  
Chase him afar from vines and you.  
—Sunshine and Shadow.

#### AMONG OURSELVES.

At the request of our worthy editor I am pleased to give my views on the prohibition question. To all parents who wish to see their children grow into noble men and women the law forbidding the sale of "booze" is a blessing. To those who give their children beer and whisky at home while they are young, helpless and don't know any better, no law that God or man can make will keep some of them from becoming drunkards. The greatest crime that man can commit is to form an unnatural appetite in his children for strong drink. Most all other crimes injure one generation only. The evil of intemperance is transmitted to an endless posterity. Parents, if you rear your children rightly the prohibition law will help keep them in the right path by removing the temptation of gilded saloons and by placing the traffic of spoiled corn juice in disgrace. A drunkard was never made out of a total abstainer. The appetite is formed by degrees. Young man, just because your "dad" can take a drink and not always get down in the gutter is no reason why you should try it. You may not have as strong self control as he, or you may have inherited a greater appetite and commence where your father left off. In this, as well as in most things, women can exercise great good. Parents should see to it that their daughter, even when quite young, avoids as a rattlesnake the young man who is wild and drinks liquor. Let them do this and demand purity for purity and there will be fewer drunkards, fewer "fallen girls" and fewer ruined homes in our land. But, alas, the more worthless a man gets the better the women seem to like him. "Women like moth are ever caught by glare," and mammon wins where seraphs would despair.

Men toned up on booze seem to have the "glare." A good man is too slow and tame. Women like to marry men to reform them. Let prohibition reign in the home, our state, and finally in the whole nation and then—the Millennium will be nigh.

Mr. Herschel Short, of Kansas, has said some good things, but surely he is hard upon the women. Some women there are who are attracted by appearance, who are regardless of man's morals, but the mass of women look beyond externals. There is also a word of ex-

tenation which should be said for those who are attracted by what the verse terms "the glare." For some reason it frequently happens that the man, who is virile and magnetic is immoral if not actually immoral; we all know men who neither drink nor smoke nor swear, but are such "sissies" that no buoyant, healthy woman could possibly find them attractive. I have in mind at this moment a male person who is a member of the church and a worker in the Sunday School, but such a namby pamby that young girls will have nothing to do with him. Young men must understand that young women are not seeking husbands nowadays. What they desire is the company of bright attractive persons of the opposite sex. If a good young man is to be "in it," as the young folks say, he must be not only good, but attractive.

When I say young women are not seeking husbands I do not forget that marriage is the natural destiny of woman, as of man, and that woman is made for love. It is for her sake especially that I proposed the discussion of love, to which I. R. M. B. will now contribute.

What is love? A force of nature. What is gravity? A force of nature. Can we ever hope to get beyond that? I have heard it said there were many different kinds of love, but would we not as well say there were many different kinds of whisky because it affects no two people exactly alike? Is it one of the laws of this mysterious force which holds the universe together, that in it there is no place for reason? I sometimes think it must be. In talking with a friend a short time ago, she said, in speaking of a young couple whose engagement we were discussing: "Yes, they are admirably suited, one to the other. They are exactly alike, and so will always agree and will be very happy. They have displayed judgment and reason." I said, "There are different brands of happiness, then; for I should hesitate to consider that happiness which eliminated from my life all possibility of daily growth through contact with an opposite, or at least different nature; all necessity for a reshaping of myself, but just gradually sinking deeper into the rut in which I had always traveled. Their children cannot be normal. Their lives cannot round out the 'Perfect One' God intended man and woman to be. And while they may look back on their lives with a sort of bland contentment, it will not be the happiness of achievement, the happiness of harmony with life and its intent." I do believe it was intended that the good should marry the bad and the bad the good, that we do not separate into two irreconcilable classes, and that the learned should marry the ignorant, and the weak the strong, thus maintaining the balance of nature in the progeny. And whatever shall predominate, good or bad, ignorant or wise, it must be strong, for regardless of whatever grace it may possess, weakness is the one thing most irrevocably weeded out. The individual happiness is and always must be lost sight of in the happiness of the masses. And a few cannot by seeking, through reason, their own individual happiness, elevate the masses, but rather must they put the ban on future generations by bringing them into the world out of harmony with its laws, out of normal proportion. Do you not think that is the hardest lot that can be imposed upon one? Is it not probable this is why so often a nice, sensible girl is unmarried until late in life—she is not normal, she is out of proportion? Not that I would decry niceness or sensibility in girls, but I am simply stating a fact. They are paying the penalty of prematurity. The world must advance together. But it will advance faster if we teach our children to so abhor the bad that they may love right, without reason, but by instinct, as it were.—I. R. M. B.

There are a number of points in I. R. M. B.'s statement which are open to discussion. I am tempted to express my own views, but think it better to wait awhile until after the circle has had its say. I wish some grandfather or grandmother who sits aside from active life and watches things would come and talk to us about these things. There must be many such in our circle. I specially invite them to discuss love and also I. R. M. B.'s statements.

It is not often that we have friends from Indian Territory speak in meeting. I have pleasure in introducing Mrs. Ada E. Erwin, of Tulsa, I. T.:

I have enjoyed the reading of your paper so much this last year, and have promised myself many times to write something, but I am a busy woman and so neglected to do so. So many good things have been said and the questions so fairly discussed that there was little left to say on some of them. The Sunday ball game talk interested me, as I have had a family of nine children—five boys—and so far we have made the Sabbath a day of rest and church going, and I know if parents plan right that children can be kept from such things by counter interests. Good books, music, good companions, a feeling of mutual interest from early childhood will lead them aright. My four daughters are all married and in homes of their own, but my youngest said a few days ago, "I shall never be too old to think." "What would mother say was best?" about the questions which come up for me to decide on. I have always given them the privilege of reasoning and deciding questions of importance for themselves, then if their decisions were too far from what I thought was best, I talked it over with them, trying to show them why I thought it unwise, and

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**Barrett Manufacturing Co.**

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but few times in our lives have I had to say, "You must not." A mutual love and that feeling of comradeship that mother is my best friend is necessary, and as girls come to the age where secrets are a part of life, as every girl will, mother should be so much a part of her life that she naturally is the first one to hear them. Well, I did not start to write a whole article, but to thank you for your work in making the paper what it is—a looked for visitor each week in the home.

It is very pleasant to hear such kind words as well as get a glimpse into the life relations of a wholesome home. Because of what Mrs. Erwin has said and the two who are next on the program will say, let me say that it seems to me mothers would do well to cultivate more intimate relations with their children. "One Who Thinks and Reads" will follow Sister Mae:

I have been reading the different letters in the Home Department with much interest. And have just read the views of a Daughter and Mrs. Beatrice. Well, such things are all right to read and talk about and a very nice theme for a poet's song, but is there really such a thing? I do not ask it cynically or sarcastically, but I just really wonder. I am a girl twenty years old and I have had a good woman for a mother—as women generally go. She was a good woman, always ready to do anything she could for a sick child or a neighbor, but I never felt any of that wonderful love from her or for her that other girls write about. As for being a chum—bah! Such letters make me weary, for I do not believe them. Of course, I suppose there are mothers and mothers, just the same as there are children and children, and some mothers might be like that. I wish mine had. I expect my life would be happier now. I am married to a man my mother advised me to marry, and as a sample of our life will say he will not permit mamma to come to see me. I suppose I ought to feel ashamed to say such a thing, but I don't believe I really care so much for not seeing her as it is the idea that I am forbidden to do so. If some of you good people could help me to pick up the tangled threads and make my life something worth living, believe me, I would be grateful. One thing I will say: I have plenty of money, most of which I use in church and missionary work. Now, I will say right here, I am not a fraud as some thought of Cousin Hardmaster. This is just my real ideas. I wish they were different.

If all mothers were like Mrs. Beatrice's they might well have the confidence of their children. I know some who would tell the contents of their children's letters and boast of them to those who were not at all concerned—things that were strictly private affairs and which in reality only concerned the writer and the one written to. And as to Grey Eyes on dancing, I cannot agree with her. I think that dancing carried on properly is all right, and physicians say it is very healthful if not carried on to excess. The harm is not in the dancing, but in pure, innocent girls being compelled to associate with all the low trash who wish to attend and in the smaller town and certain places they are in the city. This may also be applied to the women, for some of them are worse than the men. There are just as true Christians who dance and attend balls and dances as some who never saw the inside of a dance hall. The Bible commends dancing. In one place it says, "A time to weep, a time to laugh; a time to mourn, and a time to dance." If the Lord did not intend this to be, why did He cause these

words to be placed in His Book and before the people? I don't want any of you kind readers to think that I dance, for I do not. I have never been to a dance, but for all of that I say let those who wish to enjoy themselves so, do it if they conduct themselves properly. I have had no experience in this, so will change my name from One Who Has Had Experience to One Who Thinks and Reads.

Some things are almost too sad to talk about. Sister Mae's views, position, condition, is of these. And the saddest part of it is nothing can be done about it. Sister Mae's views are the result, the outgrowth of her circumstances and these we are powerless to change. All we can do is be sorry for her, and hope that not many are as unfortunate as she. To have missed the joy of having a real mother and then to be married to a man without genuine affection is surely hard luck. But as I use the word luck I remember there is no such thing, and that Burroughs says

"Nor time nor tide nor deep nor high,  
Can keep what is mine own from me."

A new scheme in the enforcement of humane laws is being tried in the East. Women deputies are being tried out. Armed with a camera and revolver, and fully versed with the powers and duties of the office, the feminine deputy sallies forth. The plan is said to be succeeding.

## BLACK, ITCHING SPOTS

All Over Face—Physicians Called it Eczema  
in Its Worst Form

## CUTICURA CURED THE DISEASE

"About four years ago I was afflicted with black spots all over my face and a few on my body, which produced a severe itching irritation, and which caused me a great deal of suffering. I was forced to call in two of the leading physicians of ——. After a thorough examination of the dreaded complaint they announced it to be skin eczema in its worst form. Their treatment did me no good. Finally I became despondent and decided to discontinue their services. My husband purchased a single set of Cuticura Remedies, which entirely stopped the breaking out. I continued the use of the Cuticura Remedies for six months, and after that every spot was entirely gone. I have not felt a symptom of the eczema for three years. Mrs. Lizzie E. Sledge, 540 Jones Ave., Selma, Ala., Oct. 28, 1905."

\$1.50 FT. DODGE \$1.50

Account United Commercial Travelers Convention Ft. Dodge, June 7 and 8, the Minneapolis & St. Louis R. R. has arranged rate of \$1.50 for the round trip to this city. Special train will leave Des Moines 8:00 A. M., June 7th. For tickets see U. C. T. Committee, M. & St. L. ticket office, 512 West St., or Union Depot.

## Lightning Rods

Farmers wanted to buy  
98% Pure Copper Cable  
Lightning Rods. Write for  
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**JOS. H. BARNETT & CO.**  
Riverside, Iowa

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# A WONDERFUL OPPORTUNITY for the Homesteader and Investor

## TWO HUNDRED THOUSAND ACRES

### Of the Famous Golden Prairie District of

# Southeastern - Wyoming

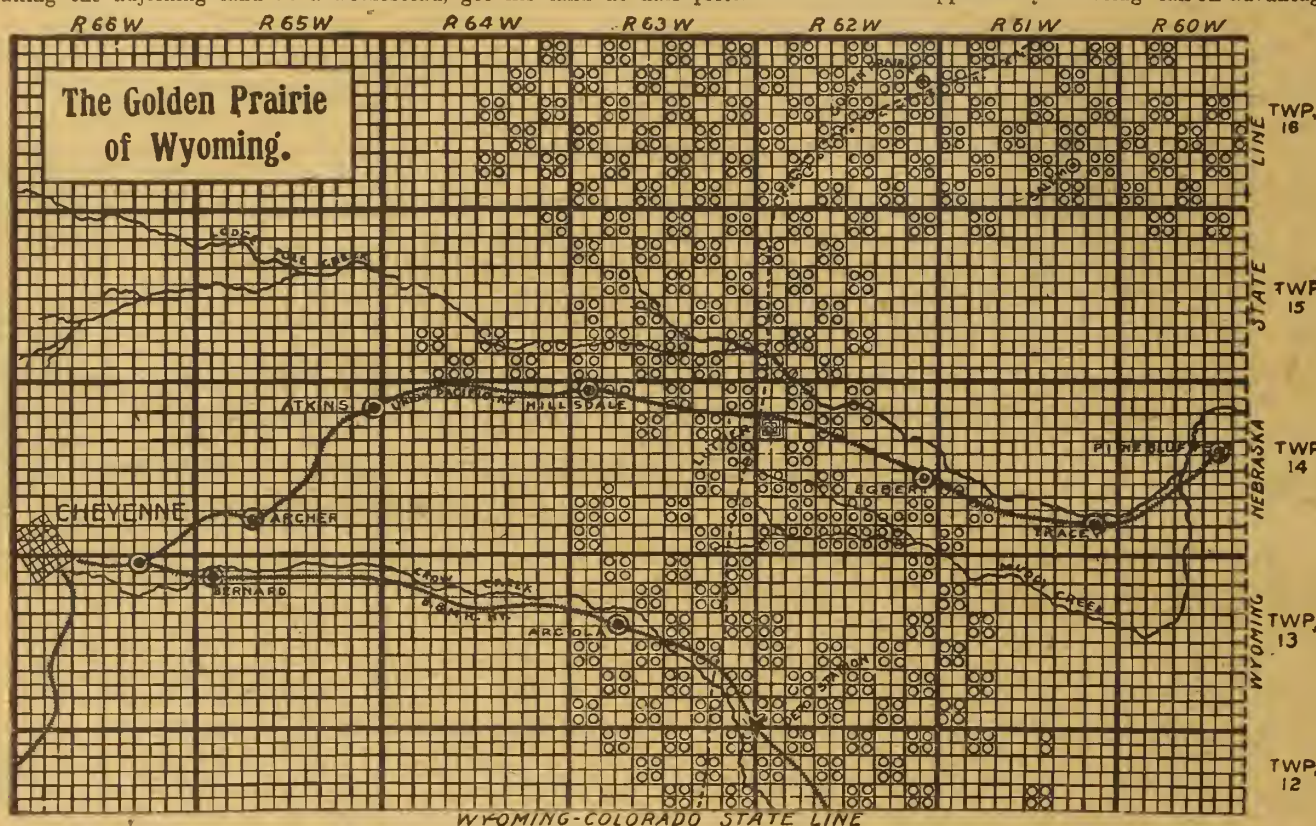
Now Thrown Open for Settlement.

The recent order of the National Government compelling the removal of all fences surrounding homestead lands has forced the stockmen of Laramie County, Wyoming, out of business.

We have purchased the deeded land as shown on the map found on this page, 10,000 acres of which we are keeping and improving, while the balance is being placed on the market in tracts of 160 acres and up, with prices ranging from \$8.00 to \$15.00 per acre, with small cash payment and balance distributed over a period of 10 years with low interest.

### A 160 ACRE HOME FREE TO YOU.

The even numbered sections, except school sections, are subject to homestead entry so that the purchaser of a quarter section of our land can, by taking the adjoining land as a homestead, get his land at half price. This unusual opportunity is being taken advantage of daily and those desiring free homesteads should not delay.



free homesteads should not delay.

This sectional map shows the Golden Prairie District. Our lands are designated by a circle in each quarter section. We are now marketing that portion of the land south of the main line of the Union Pacific Railway. None of this land is more than six miles from railway station on either the Union Pacific or the B. & M. R., while the proposed C. W. & N. is projected north and south through the middle of the tract.

The land lies level to gently rolling and is good rich soil with no alkali, brush, gumbo or other imperfection. The whole tract is underlaid with pure sheet water at a depth of from 20 to 80 feet.

### AMPLE RAIN-FALL. NO IRRIGATION REQUIRED.

In the Swedish settlement adjoining our lands, large crops have been raised during the 20 years the settlement has been located there. These people follow the ordinary farming methods of the central states and their harvests of wheat, oats, barley, potatoes, etc., are remarkable, both in quantity and quality. Our literature, which is sent free for the asking, contains testimonials of a number of these people. They will be a revelation to you.

Fill out and mail us without delay, the coupon found on this page. It will supply you with much valuable information.

References: Publisher of this paper and Des Moines National Bank.

#### Words of Praise From Leading Manufacturer.

Swigert & Howard, of Des Moines, are leading garment manufacturers, employing largely both capital and labor. Mr. Swigert, whose letter follows, was reared in Knox county, Ill., and knows good land when he sees it.

May 22, 1907.

Mr. H. J. Tillia,  
Vice-Pres. Federal Land & Securities Co.,  
Des Moines, Iowa.

Dear Sir:—Ever since returning from my western trip which I made last month and during a portion of which I was accompanied by you, I have thought of writing you and thanking you for courtesies extended and for the favor you did me in showing me the 1,120 acres of Golden Prairie, Wyoming, land which I purchased from your company.

I have been thinking for some time that one should not delay in buying land as the tendency all over the country is rapidly toward higher prices. Having accumulated some money which I decided to invest before values got higher, I last month made a trip through the west, visiting Colorado, Kansas, Nebraska and finally, having promised you that I would look at the Golden Prairie country, I reached Cheyenne where I met you by appointment. I shall always remember the automobile trip we took and the surprise I experienced when I visited the improved farms in the Swedish settlement in Laramie Co., Wyoming, adjoining the lands owned by your company, and saw there the evidences of prosperity and remarkable crops raised by these people.

I am frank to say, Mr. Tillia, that I found your land far better than I had ever hoped to be able to find at so low a price, and the fact that I bought one and three-quarter sections should be sufficient evidence that I am satisfied with what I saw there.

I, like most other people, before going to look at the country, classed it with the plains country of eastern Colorado and western Nebraska and Kansas. I found, however, a beautiful, undulating prairie with remarkably fertile soil, no possibility of hot winds, with plenty of evidence that for twenty years past or during the entire time farmers had been settled in the Swedish neighborhood, there had been no crop failures, and during no season insufficient moisture for the production of grain and grass crops, while an unlimited supply of pure water is obtained at very shallow depth.

Added to these advantages when you consider the additional fact that my land is only three miles from a station on the Burlington railroad and six miles from the new town of Luther on the Union Pacific, while every acre of the land is smooth and ready for the plow, you cannot blame me for being enthusiastic and predicting to my friends that inside of five years my land will be worth \$50 per acre.

I am,  
Very truly yours,  
(Signed) A. M. Swigert.

The following is taken from the "Daily Chief," of Perry, Iowa, issue of May 18, 1907. The location selected by Mr. Fagen is surrounded by our lands. You can do likewise. Not AFTER WHILE but NOW.

HE LIKES THE STATE OF WYOMING.  
M. E. Fagen Tells About The Country He Has Just Recently Visited.  
HE THINKS THERE IS NO PLACE LIKE IT.  
Mr. Fagen Will Return There Next Tuesday and Take up Some Land.  
M. E. Fagen, who recently made a trip to Wyoming to look at some land, comes home enthusiastic over it, and, in fact, is so much so that he and three members of his family expect to go there next Tuesday and take homesteads.  
Mr. Fagen went there in company with Howard Rouse and they spent several days in the eastern part of the state. He thinks that the mau who said that country was the Golden Prairie certainly gave it an appropriate name as he had never seen

prettier land anywhere and he has traveled all through the northwest.

The first thing which attracted his attention was the healthful climate, as the Perry men had been there but a short time before Mr. Fagen noticed the difference. The water is also exceptionally good and there is no alkali in it whatever. He thinks that for a young man or a poor man there is no place better. For several decades the cattle men have been using the land for pasture and it was only a few years ago that the land was cultivated. When the government officials saw what could be raised on the land, they ordered that the cattle men tear down all of the fences on the government land which had previously been used for cattle, in order that they could have the country settled. It will be surprising to many to know that since the land was first cultivated they have had no failures in crops. There are no hot winds to burn up the grain and there is no extreme cold. Without irrigation the land has yielded such crops to the acre as forty to sixty bushels of oats, fall wheat twenty bushels, spring wheat thirty bushels, and large crops of barley, speltz, etc. The soil there is as fine as can be found anywhere in Iowa. There are plenty of streams and they abound in fish. Through the country they visited the Union Pacific has a network of tracks. The B. & M. is also a prominent road there. Mr. Fagen says he has never seen a new country like that, where one could secure homesteads and farms so close to the railroad. In very few instances is the railroad ten miles from the farm. At one place where he stopped he saw five U. P. passenger trains going in one direction in one day.

The farmers there are very progressive and many of them use the steam plows with all the attachments.

Mr. Fagen expects to go west with Mr. Rouse next Tuesday, and if possible take the four homesteads which he picked out when he was there a few days ago. Mr. Rouse is very much taken up with the country also. He had never handled any Wyoming land, but a few weeks ago, when he had an offer from a company to come there to look over the land and take the agency for it, he thought it well to go.

Howard says it doesn't pay to make an occasional farm sale when he can list such good land at from ten to fifteen dollars an acre and be sure of many sales. On the train with Mr. Fagen and Mr. Rouse when they went out there were several Iowa men, and while they were there they met Chas. Ainley, of Des Moines, and Mr. Musselman, of this city, both of whom had gone there for the purpose of getting land. If anyone starts Mr. Fagen talking about Wyoming land they can make up their mind that they can't get away without a half hour conversation as M. E. is full of praise for the place.

#### THE FEDERAL LAND & SECURITIES CO., Des Moines, Iowa.

Gentlemen: Please send me at once, free of charge, sectional map and literature of the Golden Prairie District of Southeastern Wyoming.

NAME.....

ADDRESS.....

Acres wanted.....state if for home or investment and if free homestead is wanted:

Iowa Homestead June 6th, 1907.

**Federal Land & Securities Company, 210 Fifth St., Des Moines, Ia.**







## IN THE GREAT SOUTHWEST.

Rainfall in amounts from a drizzle to two inches fell over Kansas last week generally. Coming slowly as it did, the greatest benefit will accrue.

Kansas is now in the midst of a grange movement which promises to form a strong organization of the agricultural interests of the state. There are now 134 lodges in the state and there is no end to the operations which are proposed in commercial and other lines.

A syndicate of Kansas City men has contracted to purchase 73,000 acres of Texas farming land. The land includes the Bush and Tillar ranches in Scurry, Borden, Howard and Mitchell counties, and the Pyron ranches in Scurry, Wheeler and Gray counties. The investment will approximate a million dollars.

In Spring river, northern Arkansas, there is a luxuriant growth of water-cress, moss, flags and rushes. During the winter and in early spring, when the neighboring hills are bare of vegetation, cattle wade into the stream and feed on the aquatic growth. The animals frequently plunge their heads entirely beneath the surface of the water in their quest for succulent roots and tendrils.

Two car loads of heifers, fed and marketed last week by H. J. Hazell, of Sabbath, Kan., did a season record-breaking feat, selling at \$5.55. These heifers averaged 795 pounds and had been corn-fed for a period of four and a half months.

Thirty cars loaded with strawberries from southwest Missouri and northern Arkansas, passed over the Frisco to northern markets one day recently. The berries, however, are not as good a quality as those of other years. If the berry trains are any criterion, the crop that was reported to have been ruined by the frosts and cold weather, has certainly revived itself to such an extent as to keep the railroads hustling in order to get the crop to the markets.

The demand for green bug parasites continues unabated, about 1,000 boxes a day being sent out as ordered. Each box contains 30,000 parasites, it is estimated, so the total number of bug destroyers sent daily is enormous. It is estimated that 350 bushels of the destroyers have been scattered in the wheat fields of Kansas by the university thus far. Over 18,000 packages had been sent out up to date. Almost all of these have gone free by express, under the department's frank.

New high records for the wheat crop were made in the wheat market last week, July selling at \$1.03½ and December at \$1.05½. September reached its high mark at \$1.04½. Killing frosts reported from parts of the wheat belt are the cause of the rise.

Owing to the late frosts and dry weather, plants which furnished honey bees with food in the early part of the season have been killed and many farmers who had bees are reporting that the insects are dying for the want of food. The alfalfa, which always has furnished plenty of broom, failed and there has been nothing else to take its place.

The specifications for the new weather building to be erected in Iola, indicate that it is the purpose of the government to build a modern home for the weather station, with every convenience and even

luxury. The building is to be thirty-six feet square, two stories in height, with basement. The basement is three feet above ground. The foundation walls are to be of concrete blocks, and the building is to be constructed of red Coffeyville pressed brick, with Carthage stone water tablets, sills and window caps. The entire building is to be lighted with gas and electricity.

The Farmers' Terminal Grain Company has been organized with a capitalization of \$50,000. A board of directors comprise: R. T. Andrews, White City, Kan.; J. S. Kennedy, Minden, Neb.; J. Y. Callahan, Enid, Okla.; S. H. McCullough, Solomon, Kan.; James O'Neil, Maxville, Kan.; W. T. Harris, Solomon, Kan.; H. A. Heath, Topeka, Kan.; B. R. Beall and P. W. Goebel, of the West Side. S. H. McCullough was elected president; J. S. Kennedy, vice-president; B. R. Beall, secretary and manager, and P. W. Goebel, treasurer. It is the understanding that this grain company will not belong to any board of trade, but that it will carry on business with the Kansas Board of Trade through representatives the same as other companies on other boards of trade.

A tri-county thrasher's association was organized at Emporia Kan., recently. About thirty thrashers from Lyon, Morris and Chase counties were at the meeting, and the following officers were elected: J. M. McMillan, Dunlap, president; Coyle Spillman, Plymouth, vice-president; Harry Stuttle, of South Lyon county, secretary. The object of the association seems to be to establish a uniform price for thrashing, as well as to come to a better understanding as to territory. The question of securing better bridges was also up for consideration.

The production of squabs for the Kansas City market has taken such a start in Leavenworth as to form a valuable adjunct of the poultry business. Squabs that weigh ten pounds to the dozen are bringing in Kansas City \$6 a dozen, and a number of dealers are offering to take from a local producer who has several hundred all that his place will produce. A single pair of pigeons will produce from seven to nine pair of young pigeons or squabs a year. The best results are obtained from feeding whole wheat, cracked corn, kafir corn, cracked peas, millet, hemp, buckwheat, shells, grit and coarse salt.

The deadlock between commission men and the meat packers in Kansas City regarding the transfer of cows and heifers under the recent post-mortem rule made by the packers continues. Receipts have dropped to one-fourth of the regular volume. All arrivals are being purchased, however, by speculators who will return the stuff to the country. The Co-operative Live Stock Commission Company, the independent exchange, is the only agent selling to the packers. The hope is for a changed condition soon.

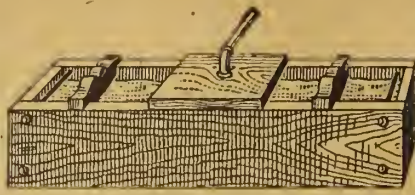
Reports of diminished area under cultivation and unfavorable crop prospects has resulted in an advance in the price of cotton. The price is over a dollar a hundred greater than at the same time last year.

One hundred horses, much feed and the equipment of the Piper-Irwin horse market at Fort Scott, Kan., was destroyed by fire last week.

Col. W. A. Harris, of Short-horn cattle fame, recently returned from a trip through old Mexico, where he studied conditions and their bearing on the live stock industry and the relation to the pure-bred cattle business. Cattlemen of that country look favorably on the plan of introducing pure-bred bulls.

The millers of Kansas who have been proceeded against by the attorney-general for violation of the anti-trust laws are preparing to make a hard fight. The millers are basing their fight on the ground that their organization was not a trust, even if the officers did quote prices to each member, because the millers were not required to sell their flour at the prices quoted. The Kansas Millers' Commercial Club was one of the organizations proceeded against. The information imparted to members, it is claimed, is no more harmful than where one merchant knows the prices of his competitors' goods.

Secretary Coburn, of Kansas, is said to have a hobby for collecting old horse-



shoes. An extensive collection has been gotten together and every shoe must be intact before it will be honored by a place in the collection.

Tuberculosis in its many forms and phases was discussed by the Missouri Medical Association at its recent meeting at the capitol. Constitution and by-laws for a state-wide association for the prevention and control of the disease was adopted. Any person may become a member.

The anti-treating bill for election days is also now a law and applies to all schools, municipal, primary and general elections.

The new Missouri law which places a twenty-five-cent tax upon each transaction in futures will drive many grain operators out of Kansas City. Many independent operators will move to Kansas City, Kan., before the new law goes into effect June 16. A number of the members of the national board of trade have already been elected members of the Kansas Board of Trade, recently organized in Kansas City, Kan. Besides a number of the largest bankers and merchants of Kansas City, Kan., the Kansas Board has among its members a number of independent wheat growers in all parts of the state.

A large party of Chicago men took a trip through parts of the Southwest recently. The party was made up of leading stockmen, paper men and representatives of commercial associations. Every large city along the route was included.

The second annual meeting of the National Cotton Congress has been called for the week beginning June 17, at Monte Ne, Ark. The membership of the congress included men interested in all branches of the cotton industry, from the growing of the crops, through the marketing to the manufacturers of fabrics. The purpose of the organization is social and educational. The meeting will afford a common ground upon which planters, ginners, warehousemen, buyers, sellers, bankers, spinners and weavers of cotton can meet and discuss questions for the common good.

Organizations of farmers is progressing as it never has before. In some Kansas and Oklahoma towns, car loads of goods arrive, billed direct from some factory to the local farm organization. The farmers say that if the merchants persist in handling trust made goods, and charge the price that the system of handling by a long line of middlemen demands, they will "cut everything out," and buy as directly as possible. In many instances, the merchants do not get an undue portion of the profits when they charge a high price. The system of handling the goods is responsible. There are too many middlemen, each asking and getting his "fair" profit. We are going to see an awakening in the manner of buying, by the farmers, in the next few years. If present conditions of trade are pushed one step further in the way it has come in the last few years—a way that is lined by middlemen—there will be organizations of farmers, formed for the sole purpose of buying in car load lots, direct from the factories, or from houses but one step removed from the manufacturer.

An illustrated bulletin of fifteen pages giving information as to the cost of filling silos has just been issued by the department of agriculture. The bulletin is the work of Lyman Carrier, scientific assistant of farm management investigations of the bureau of plant industry. Mr. Carrier confined his inquiry to Jefferson and Fond du Lac counties, Wis., and Branch and Lewanee counties, Mich., silos having been in use in these localities for several years. He visited thirty-one farms and took notes on the number and arrangement of men and teams, the machinery used and the length of time taken. He also made measurements of the silos. The average yield of silage to the acre was 9.01 tons. The average cost a ton was 64 cents. The average

The "ONLY" Waterer  
\$100 REWARD \$100

The "ONLY" will not run over or clog. It will run all winter. If you try our waterer and don't find this true the \$100.00 is yours. Used everywhere. Will last forever. Write today. Send ten cents for book on raising 1,000 hogs a year.

ONLY MFG. CO., -- Hawarden, Iowa

amount of silage cut daily per man was 4.9 tons, and the average cost per acre for putting the corn in the silo was \$5.98.

J. G. Hickey, of Whitefish Bay, Wis., recently purchased the Guernsey herd owned by E. D. Jordan, of Plymouth, Mass. This herd contained many noteworthy animals. Wisconsin is rapidly becoming a far-famed center for the very best Guernseys—having received several large and important additions and importations during the past season. Mr. Hickey's last purchase contained the well known sire Birthright, which was recently purchased by Mr. Jordan from Frank R. Bennett, of Mast Yard, New Hampshire. This bull is of the best breeding and is a handsome individual.

Lightning set fire to a barn in the town of Lima, Wis., destroying four head of horses, forty sheep, valuable farm implements and a large amount of grain. The loss is estimated at \$10,000.

## W. A. Forsythe's Sale of Short-horns.

A steady rain the day previous and a cloudy day with some rain did not make the prospects any too bright for Mr. W. A. Forsythe, of Greenwood, Mo., sale day, May 31st. With all the discouraging elements facing him, Mr. Forsythe met those who came with a smile and a hearty handshake. The cattle were fully as good as represented and from the start bidders started the hall rolling briskly, but with no intention of paying more than was necessary. On the forty-one lots sold an average of \$133 was made. This does not represent the full value of the cattle, but shows up well under all conditions. The top of the sale was \$300, paid by Mr. I. R. Burky, of Louisville, Kan., for Lot 38, the Violet bull, Violet's Improver. Mr. Burky was also the heaviest buyer of females and secured some rare bargains. The top on females was \$230, paid by Mr. H. M. Hill, of La Fontaine, Kan., for Lot 2, a Violet cow, and choice of twin heifer calves. Mr. Hill and Mr. C. S. Nevius, of Chiles, Kan., were the heaviest buyers, aside from Mr. Burky. Colonels Bellows and Harman conducted the sale in their usual satisfactory manner. Following is a list of all sales over \$100:

## FEMALES.

Bapton Countess 3d, three years, sire Imp. Bapton Arrow, J. N. Bower, Greenwood, Mo. ....	\$180
Violet Cloud 5th, ten years, sire Marquis Craclidan, and c. c., H. M. Hill, La Fontaine, Kan. ....	230
Bapton's Wild Eyes, three years, sire Imp. Bapton Arrow, and c. c., I. R. Burky, Louisville, Kan. ....	155
May Maynard 3d, six years, sire My Lord, and b. c., H. M. Hill. ....	150
Violet Lady, three years, sire Imp. Count Amaranth 2d, C. S. Nevius, Chiles, Kan. ....	150
Bapton Artie, four years, sire Imp. Bapton Arrow, I. R. Burky. ....	185
Pride of Hedgewood, six years, sire My Lord, and b. c., same. ....	180
Violet Sunshine, two years, sire Improver, H. M. Hill. ....	150
Sisypus 2d, two years, sire Bapton's Star, Peter Mathis. ....	100
Maud Rambo 2d, three years, sire Abadar 3d, and c. c., Peter Mathis, Greenwood, Mo. ....	205
Hedgewood Maynard, two years, sire Solon, G. C. Connor, Greenwood, Mo. ....	110
Loudon Duchess 6th, six years, sire My Lord, E. H. Bricker, Greenwood, Mo. ....	125
Violet Sunrise, one year, sire Improver, W. H. Allen, Pleasant Hill, Mo. ....	135
Violet Sunset, one year, sire Improver, Fleming Bros., Pleasant Hill, Mo. ....	140
Hedgewood Nellie, two years, sire Solon, A. Reiter, East Lynn, Mo. ....	160
Hedgewood Blondine 3d, two years, sire Solon, and b. c., C. S. Nevius. ....	160
Isabel 3d, five years, sire Lord Thistle, A. H. Bowen. ....	175
Verhena 3d, two years, sire Solon, W. A. Bronaugh, Pleasant Hill, Mo. ....	100
Quo Vadis, seven years, sire Highland Chief, and b. c., I. R. Burky. ....	150
Wild Eyes Agatha 2d, nine years, sire Vanquish, same. ....	110
Hedgewood Queen 2d, two years, sire Solon, Knorpp Bros., Pleasant Hill, Mo. ....	100
Victoria Duchess 2d, one year, sire Solon, C. S. Nevius. ....	100
Hedgewood Maynard 2d, one year, sire Solon, Jno. H. Haynes, Greenwood, Mo. ....	105
Alexandria of Tylerwood 6th, thirteen years, sire Matchmaker, and b. c., A. Rehder. ....	205
Nellie Sharon 4th, six years, sire My Lord, and b. c., same. ....	130
Hedgewood Nellie 2d, one year, sire Solon, J. H. Haynes. ....	135
Primrose May 3d, five years, sire My Lord, and b. c., H. M. Hill. ....	115

## MALES.

Lavender Lad, two years, sire Arizona,

A MOUNTAIN OF GOLD. The state of Oaxaca, Mexico, is wild over the wonderfully rich ore being found there, a single round of shots bringing down \$50,000 worth of ore. \$10 properly invested now, should make a fortune for anyone. Address, The Pittsburg-Oaxaca Mining Co., Bldg. 1027, Pittsburg, Pa., for full particulars.

## Don't Push

The horse can draw the load without help, if you reduce friction to almost nothing by applying

## Mica Axle Grease

to the wheels. No other lubricant ever made wears so long and savessomuch horse power. Next time

MICA AXLE GREASE. Standard Oil Co. Incorporated





## Plain Facts About the Richest Agricultural Land in the World

# Southern California

This page of interesting information is supplied by the Development Society of California, a body of public spirited men contributing time and money to spreading broadcast the truth about California.

It is not a private advertisement in any way, nor has the Development Society anything to sell. This is mentioned because we want every farmer, agriculturist and stockman to feel free to write us and ask questions. The Society will furnish accurate information without any cost to you. If your questions cannot be answered from information on hand, your letter will be referred to some Chamber of Commerce or other civic body which will supply you with full facts and figures.

### No Blizzards, No Bitter Winters, No Hot Nights in Summer. Agriculture is a Pleasure

The farmer's lot in Southern California is indeed a pleasant one compared to the struggles and hardships of his Eastern brother. Soil, climate and market conditions unite to make agricultural pursuits both agreeable and profitable. In the North and East there are five to seven producing months, in California there are twelve.

The California farmer can eat strawberries and picnic at Christmas time while the Eastern farmer is huddled behind a stove to keep from freezing. In the summer there are no hot, suffocating nights, but the Californian is glad to tuck himself beneath blankets.

This glorious health-giving climate is sufficient itself to attract settlers, but Southern California has other things to offer. No other section of the United States pays a bigger reward in dollars and cents to the farmer.

Southern California is truthfully called the "Land of Sunshine." It is the garden spot of the world, including within its confines a wonderful variety of climates, soil and topography.

Even two or three acres are sufficient in some lines of agriculture to return a larger income than one can make from two or three hundred acres in the East set to ordinary crops.

### In Southern California Single Acres Have Produced Over \$1,000 Net Profit Per Year.

The farmer is chiefly interested in Southern California because the land yields him a bounteous harvest which is readily marketed at a satisfactory price. Farming is not drudgery in Southern California, but more of a business, and a very profitable one. The average Eastern farmer could double or triple his income with one-half the work, here in Southern California.

The district is growing so rapidly, especially the large cities, that the demand for many agricultural products is becoming far in excess of the supply. In spite of the great quantity of vegetables, hay, grain, swine, sheep, cattle, fruits, berries and other farm products that are grown the prices of these commodities are frequently very high.

In the older sections of the United States the soil is less rich and more or less worked out. Frost may ruin a year's crop, or over-supply may cut down prices till the farmer has nothing left for his hard labor. California soil is of a magical productiveness. The market is always hungry for California products. It is a joy and pleasure to work out of doors.

More Southern California people own their own homes than in any other state, and the average deposit in Southern California savings banks is greater than in any part of the country.

One can profitably farm in Southern California in an infinite number of ways, either specializing in some direction or growing a variety of crops. Every thrifty man can find some particular line of agriculture that suits him and is within his means.

You will make more profit in California, you will live longer, feel better, endure fewer troubles and discomforts, and be happier.

The people of Southern California are very broad minded, liberal and hospitable, with no prejudices against any religion, any sect or political belief. You will like Southern California people. The newcomer is always welcomed. In fact, Southern California is a great happy land of plenty, where men work and play—the nearest approach to paradise that is possible on this earth.

Why not move your home to this beautiful country and let your family enjoy the blessings of life as they should? The railroads are constantly making very low rates. Now is the time to act while land may still be had at reasonable prices. Sit down and write a letter asking all the questions you wish.

## DEVELOPMENT SOCIETY OF CALIFORNIA,

ROOM 106, HUNTINGTON BLDG., LOS ANGELES, CALIFORNIA.

### Write at Once for Further Particulars

The Development Society of California has nothing to sell. It is a body of public spirited men, organized for the purpose of spreading the truth about California throughout the United States.

### EVERY FARMER SHOULD READ THESE FACTS

Figures From the Last United States Census Report.

Fertilizers are an expensive item of farming in most states. Massachusetts spends yearly over \$4,400,000 for fertilizers. It costs Georgia 5.5 per cent of the total value of a crop to pay for the fertilizers used. In California it is less than 1 per cent (.7 per cent).

In Iowa the average value of hay per acre is \$6.59. Compare this with California oranges that pay as high as \$500 to \$1,000 per acre; or California English walnuts that frequently bring \$1,000 per acre.

In California vegetables average \$86.42 per acre. In Ohio, \$58.64. In Iowa, \$35.67.

The average value of potatoes per acre in the United States is \$33.48. In California, \$62.65.

Oats in California average \$11.06 as against Iowa's \$7.08.

The average value of eggs in United States is 11.2c per dozen. In California, 15.8c.

California excels all other states in production of barley, asparagus, peas, peaches, plums, prunes, cherries, grapes, oranges, lemons, citrons, olives, figs, almonds, English walnuts.

California produces 21.5 per cent of all fruits in the country.

An acre of sugar in California is worth more than in any other state.

California produces 117,935,727 lbs. of dried fruits.

California ranks second in the production of beans and of honey.

All crops that can be grown anywhere in the United States can be successfully cultivated in California.

California is economically an empire by itself where farmers get far bigger prices for their crops, where an acre yields larger volume of crops and where farming is conducted with less expense, less work and less risk.

Horses, cattle, sheep and swine pay big profits in California.



## Dates Claimed for Live Stock Sales.

## ABERDEEN ANGUS.

June 18, H. A. Cole, at Des Moines, Iowa.  
June 19, Combination Sale, Kankakee, Ill.,  
M. A. Judy, Mgr.  
June 25-26-27, L. H. Kerrick Est., Bloomington,  
Ill., W. C. McGavock, Mgr.  
Sept. 25, H. L. Cantine, Quimby, Iowa.  
Sept. 26, Lem Lemar, Storm Lake, Iowa.  
Oct. 16, John E. Griffith, Washington, Iowa.

## SHORT-HORNS.

June 8, W. E. Cutler, Corydon, Iowa.  
June 11, F. O. Lowden, Chicago, Ill., Thos.  
Stanton, Mgr.  
June 13, Thomas, Jameson & Mitchell, Allam,  
Kan., at Kansas City, Mo.  
June 14, H. B. Diers, St. Olaf, Iowa.  
June 19, A. B. Clark, Wayne, Neb.  
June 19, N. P. Halgren, Vinton, Iowa.  
June 26, A. B. Clark, Wayne, Neb.  
Sept. 24, L. B. Converse, Maryville, Mo., at  
South Omaha, Neb.  
Oct. 1, Mrs. Welcome Mowry, Adm's't'r'x.,  
Traer, Iowa.  
Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 12, Geo. H. Dietz, Manning, Iowa.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock  
Valley, Iowa.  
Oct. 24, S. W. Hogate and J. T. McMahon,  
Bladen, Neb.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh,  
Neb.  
Dec. 19, J. T. Judge, Carroll, Iowa.

## HEREFORDS.

June 18, Hood & Baker, Dunlap, Iowa.  
Feb. 25, 26, 27, C. A. Stannard and others,  
Emporia, Kan., at Kansas City, Mo.

## POLAND CHINAS.

Oct. 10, W. D. Fulton, Villisca, Iowa.  
Oct. 15, John Blain, Pawnee City, Neb.  
Oct. 23, Jens Jensen, Exira, Iowa.  
Oct. 26, H. L. McKelvie, Fairfield, Neb.  
Oct. 30, Ralph Mecham, Larabee, Iowa.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.  
Feb. 19, W. W. Wheeler, Harlan, Iowa.

## POLLED DURHAMS.

Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

## RED POLLS.

June 12, W. H. Lake, Hampton, Neb., H. F.  
Stubbs, Bradshaw, Neb., at Lake farm.

## DUROC JERSEYS.

Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 1, W. H. Halth, Tecumseh, Neb.  
Oct. 2, W. M. Putman, Tecumseh, Neb.  
Oct. 3, Elmer Lamb, Tecumseh, Neb.  
Oct. 4, R. F. Miner, Tecumseh, Neb.  
Oct. 5, F. C. Crocker, Filley, Neb.  
Oct. 9, Frank Butterfield, Polk City, Iowa.  
Oct. 10, Lein Bros., Story City, Iowa.  
Oct. 10, W. S. West, Hanna City, Ill.  
Oct. 12, Preston & Yustin, Corning, Iowa.  
Oct. 15, Boar sale, Claude Huffman, Scranton,  
Iowa.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Oct. 23, Geo. W. Seckman & Son, Mt. Sterling,  
Ill.  
Oct. 24, J. F. Nichol, Pierson, Iowa.  
Oct. 25, Risser Bros., Sanborn, Iowa.  
Oct. 26th, J. A. Russell & Son, Corning, Iowa.  
Oct. 29, Watson Bros., Creston, Iowa.  
Oct. 30, Geo. R. Manifold, Shannon City, Ia.  
Nov. 4, S. R. Murphy and G. T. Edwards,  
Savannah, Mo.  
Nov. 6, O. L. Mossman, Polk City, Iowa.  
Nov. 7, S. L. Hopper, Neola, Iowa.  
Nov. 9, Boar sale, Hood & Baker, Dunlap, Ia.  
Nov. 9, H. G. Warren, Inland, Neb.  
Jan. 16, S. G. Collicott, Lake City, Iowa.  
Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
Jan. 21, Weighton & Ashby, Audubon, Iowa.  
Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
Jan. 23, Reisser Bros., Sanborn, Iowa.  
Jan. 23, Rott, Pritchard, Carroll, Neb.  
Jan. 24, B. A. Shafer, Sanborn, Iowa.  
Jan. 24, W. M. Lessman, Wayne, Neb.  
Jan. 25, Henry Wallersdorf, Hartley, Iowa.  
Jan. 31, Hood & Baker, Dunlap, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
Feb. 3, Rott, Schaal, Polk City, Iowa.  
Feb. 4, Frank Butterfield, Polk City, Iowa.  
Feb. 6, W. R. Bennethum, Madrid, Iowa.  
Feb. 7, O. A. Olson, Madrid, Iowa.  
Feb. 10, Claude Huffman, Scranton, Iowa.  
Feb. 11, Perry Livengood, Castana, Iowa.  
Feb. 12, D. F. Counts, Mapleton, Iowa.  
Feb. 13, Isenbarger Bros., Battle Creek, Iowa.  
Feb. 14, Marion Booth, Battle Creek, Iowa.  
Feb. 15, Geo. R. Manifold, Shannon City,  
Iowa.  
Feb. 18, Lein Bros., Story City, Iowa.  
Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
Feb. 21, Fred Frazier, Ankeny, Iowa.  
March 3, Geo. W. Custer, Merville, Iowa.

## POLAND CHINAS.

Oct. 15, E. C. Blauer, Mount Ayr, Iowa.

## O. I. C. SWINE.

Oct. 10, J. S. Kennedy, Blockton, Iowa.

PERCHERONS, CLYDES AND SHORT-  
HORNS.

June 27, A. H. Brett, Mason City, Iowa.

POLAND CHINAS AND DUROC JERSEYS.

Oct. 19, E. A. Olive, Scranton, Iowa.

POLAND CHINA AND O. I. C. SWINE.

Oct. 23, F. G. Paul, Laurel, Iowa.

## FIELD NOTES.

Galloway huls are offered for sale by Mr.  
W. W. Scholes, Onawa, Iowa.

A few French draft and Percheron mares  
are offered for sale by Mr. C. T. Gollehon,  
of Blair, Neb.

Chester White gilts, bred for June farrow,  
are offered for sale by Mr. S. J. Philson, of  
Harlan, Iowa.

Mr. August Voge, Portsmouth, Iowa, is offer-  
ing some very good Duroc Jersey fall  
boars for sale.

A splendid bunch of young Short-horn  
boars are offered for sale by Mr. A. B. Clark,  
Wayne, Neb.

Four fall Duroc Jersey boars are offered  
for sale by Carl Hansen, Herman, Neb., at  
200 pieces, as he needs the room.

Two good yearling Meddler boars are of-  
fered for sale by Messrs. Wm. Ray & Son,  
Dance, Iowa. They also have some other

splendid boars that they are pricing. Read  
their advertisement on page 27 of this week's  
issue and write them.

A good 2,200-pound Percheron stallion,  
sired by the great show horse, Sully, is  
offered for sale by Mr. J. S. Golder, of Scrib-  
ner, Neb.

A few good fall Duroc Jersey boars, sired  
by a son of the sweepstakes boar, Red  
Knight, are offered for sale by Mr. August  
Voge, of Portsmouth, Iowa.

A splendid bunch of Shropshire rams and  
ewes are offered for sale by that veteran  
breeder, Mr. Geo. Allen, of Lexington, Neb.  
These are strictly all right.

Messrs. Hood & Baker, Dunlap, Iowa, are  
offering some cracking good young Here-  
ford bulls for sale. It will pay any of our  
readers to go and see these bulls.

A few nice young Scotch bulls are offered  
for sale by Mr. Ernest Funke, of Greenfield,  
Iowa. He is pricing these within the reach  
of anybody who wants a good bull.

Marshall Favorite, a yearling Scotch bull,  
sired by Imp. Fashion Favorite, and out of  
Imp. Jilted Maid, is offered for sale at a  
very reasonable price by Mr. J. D. McDermott,  
of Wota, Iowa.

Three Ohio Chief boars are offered for sale  
by C. F. Kirk, Pawnee, Neb. Two of these  
are fall boars and one is a yearling. Home-  
stead readers who want an Ohio Chief boar  
should write him at once.

An administratrix sale of Short-horn cat-  
tle will be held October 1st, at Traer, Iowa,  
by Mrs. Welcome Mowry. In this sale ev-  
ery animal in the herd will go at the price  
named by the bidder. Fuller particulars in  
due time.

A splendid lot of fall Poland China boars  
are offered for sale by Mr. F. W. McIntyre,  
of Red Oak, Iowa. Homestead readers who  
want a fall boar should write for one of  
these, as they are very good and the price  
is reasonable.

Mr. W. H. Trenchard, of Bosworth, Mo.,  
writes: "We have just sold to Messrs.  
Jos. Miller & Sons, Granger, Mo., nine head  
of Scotch cattle, which no doubt will make  
quite an addition to their already valuable  
herd of Scotch cattle."

Messrs. Hunter & Smith, of Beatrice, Neb.,  
have a choice string of young Jersey bulls,  
got by Emanon, their leading show, and  
breeding bull. These are from imported and  
St. Lambert cows that are noted as high  
testing and heavy milking cows.

Mr. U. G. Davidson, of Manson, Iowa, wants  
a good, steady farm hand. Good wages  
and work the year round to the right party.  
Any young man desiring such a position  
would do well to communicate with Mr.  
Davidson at once, and mention The Home-  
stead.

Mr. R. Waldo, of Harlan, Iowa, breeds  
Duroc Jerseys, and he has about fifty spring  
pigs which he is developing for his fall trade.  
The most of his foundation stock was pur-  
chased from the W. W. Wheeler herd, and  
contains the blood lines of some of the most  
noted strains. His advertisement will be  
found in The Homestead later in the season,  
when he will have some good boars to offer  
the trade.

Mr. J. W. Briggs, of Alden, Iowa, is offer-  
ing Duroc Jersey pigs of February and  
March litters, sired by Jack Orion 52275 and  
Ind. Chief 52273, both prize-winning boars.  
Pairs of males not akin can be shipped if  
desired. Also pens will be sold at special  
prices. Here is an opportunity to get some  
well-bred pigs at prices that are made to  
reduce the herd. When you write kindly  
mention The Homestead. See page 28 and  
address as above.

Mr. F. A. Kruse, of Waco, Neb., reports  
125 pigs from his herd of Duroc Jerseys thus  
far. For sires there are represented Golden  
Chief and Fashion Improver Jr., both proving  
good pig getters. The latter named boar  
will be sold or traded. He is the grandsire  
of Improver II. 13365 and Proud Advance  
23549. As he is only two years old his age  
of usefulness is barely begun and he should  
make a good herd boar for someone. When  
writing for prices kindly mention The Home-  
stead.

On page 27 of this week's Homestead will  
be found the O. I. Chester White advertise-  
ment of Mr. H. C. Mehning, Manson, Iowa.  
Mr. Mehning, while yet one of the young  
breeders, has some good stock and he can  
furnish either boars or sows at reasonable  
prices at all times. He has some pigs now  
twelve and sixteen weeks old which he is  
pricing very reasonably. Besides this he is  
making prices on pairs, trios, and pens. Five  
fall boars are also for sale. Write him  
your wants, kindly mentioning The Home-  
stead.

The Scotch herd bull, Secret Prince  
248363, now at the head of the herd of Mr.  
W. R. Winder, of Ireton, Iowa, is for sale.  
Secret Prince was calved March, 1904, in  
the herd of Mr. H. G. McMillan, of Rock  
Rapids, Iowa, and his sire is Prince of  
America Maine Valley 157971 and dam is  
Simplicity 6th, tracing to Imp. Simplicity by  
Cumberland 50626. This bull is a nice red  
in color and in conformation conforms to  
the standard of well-bred Scotch Short-horns.  
Write for price and kindly say you saw the  
advertisement in The Homestead. See page  
26. Address Mr. W. R. Winder, Ireton,  
Iowa.

Messrs. Hanks & Bishop, of New London,  
Iowa, the well-known breeders of Duroc Jer-  
sey swine, have had good luck with their  
spring pigs. These gentlemen have one of  
the best herds in the state. They have sev-  
eral litters by Model Wonder, a son of Crim-  
son Wonder I Am, the champion boar at the  
Iowa State Fair in 1905, and is a half  
brother to Crimson Wonder Again, the cham-  
pion boar at the Iowa State Fair in 1906.  
This young boar is a strong proposition for  
championship honors this year. He has  
proven a most excellent breeder and pigs  
sired by him will look well in any company.  
Eight litters are sired by Iowa Chief. This  
boar was sired by Golden Rule and is out of  
Col's Belle II. by Ohio Chief. This boar  
was bred by Messrs. Watt & Foust and is  
one of the heavily-boned and best-footed  
boars the writer has seen this season. He  
also has proven himself a good breeder, and  
the crop of pigs sired by him are doing well.  
Top Notcher I Am is the sire of a few lit-  
ters. This boar was sired by Top Notcher  
Again, a World's Fair winner, and his dam

was by Indicator, a prize winner at the Iowa  
State Fair. This firm are making reason-  
able prices on spring pigs and will be glad  
to correspond with anyone in need of a herd  
boar. The herd is bred along popular lines  
and the prices are very reasonable. Cor-  
respondence promptly answered, and satis-  
faction is always guaranteed. Later the an-  
nouncement will appear in these columns.  
Send your order early and get the pick of the  
spring pigs. Kindly mention The Homestead  
when writing.

"Korn, Klover and Kattle Farms" is the  
title of a neat little circular issued by a  
Kansas farmer who sells farms at owners'  
prices. It contains some valuable advice to  
those who are soon to buy land in new re-  
gions. It lists also a good collection of  
farms which are farms where crops have  
never failed. Where markets and neighbors  
are good. If you want to buy a good farm  
from an honest, reliable seller then write  
to Mr. Wm. A. Gilliland, Mayetta, Kansas.  
Kindly mention The Homestead when you  
write, and ask for the above mentioned cir-  
cular.

"Our Mr. Taylor starts next week for  
Europe for our new importation of stallions,"  
writes the firm of Taylor & Jones, Williams-  
ville, Ill., "and he expects to bring back  
100 head of the best he can find. All of our  
customers write they are getting more busi-  
ness than they can well do and the out-  
look for the coming season is most favor-  
able. We are proud of the fact that our  
former patrons always come back to us  
when they are in the market for a horse.  
This to us is worth more than money be-  
cause it bespeaks a confidence gained only  
by dealing honestly with all men. We ap-  
preciate the fact that your paper has had  
not a little to do in bringing the trade for  
which we are duly grateful."

Mr. W. S. Karnaghan, of Kankakee, Ill.,  
has entered the ranks of live stock auction-  
eers. He has been a breeder of live stock  
for over fifteen years and has had a wide  
experience in all branches of the live stock  
industry, and should be able to give good  
service to parties expecting to hold public  
sales. He intends to make a specialty of  
Poland China and Duroc sales, believing that  
his past experience in handling these two  
breeds successfully and his knowledge con-  
cerning them especially fits him for this  
work. He will be pleased to hear from  
readers of The Homestead who have not as  
yet secured the services of an auctioneer, or  
who need help on their sales. Look up the  
advertisement on page 28 of this issue.

Mr. E. B. Ryan, of Neola, Iowa, known  
as "the hog man" because he can raise more  
pigs than any other man in his community,  
has over 200 Duroc Jerseys on his place  
this year and he expects to be able to offer  
the boys some first-class stock this fall. He  
has used the following boars at the head of  
his herd: Top Notcher Prince by Tip Top  
Notcher; Crimson King by Crimson Wonder,  
and one of the best living sons of that noted  
old sire; E. Z. by Surprise; Ito by Orion;  
Iowa Cashier, and Wehr's Perfection by  
Munson's Perfection. He has some pigs on  
the place by nearly all of these hogs, besides  
a few by outside boars and from sows that  
he purchased last winter. Mr. Ryan is a  
pusher in the hog business and his always  
culls pretty closely. He only saves the tops  
for breeders and the rest he puts on the  
market. He will have something to say to  
prospective buyers this fall.

One of the good herds of Duroc Jerseys a  
representative of The Homestead has re-  
cently inspected is that of Messrs. E. M.  
Castle & Son, of Joy, Ill. They have in the  
neighborhood of 250 head of spring pigs, a  
large number of which are sired by their  
noted herd boar, Perfection Chief. This boar  
was third at the Iowa State Fair in 1905  
in a strong class of sixty-eight and headed  
the third-prize young herd; second at Min-  
nesota State Fair, 1905-06, first at Wiscon-  
sin State Fair 1905-06. He is a boar of  
most style and character, will weigh 900  
pounds in show form, and is as smooth as  
a ribbon. He has been a good breeding  
boar, as his spring pigs will show. Messrs.  
Castle have been good buyers the past season  
at many of the noted sales and have a  
variety of good breeding in their herd. There  
are good litters by Sue's Tip Top Notcher,  
a good son of Tip Top Notcher, and out of a  
prize-winning dam by Kruger. Another  
boar which is the sire of good litters is  
Prairie Paul, he by old Oom Paul, and out  
of Prairie Top Notcher, she by Tip Top  
Notcher and out of Goldie O. 40th, one of  
the best sows ever owned in the noted herd  
of Messrs. Seckman & Son. With this line  
of breeding in the males one would naturally  
expect the sows to be equally well bred.  
This is the case and the pigs which are  
now offered for sale will please the most dis-  
criminating buyers. The following letter re-  
cently received by Messrs. Castle is ample  
evidence of the many satisfied customers  
that this firm have: "We received the sow  
the 27th and are well pleased with her.  
She came through in good shape. Anyone  
wanting fair and square treatment and first-  
class stock will make no mistake in writing  
to you for it, and also for prompt shipment.  
I am pleased to recommend you to anyone  
needing Durocs. E. Sheller, Ashland, Ohio."  
We are pleased to recommend these gentle-  
men and their stock to readers of this paper  
and will give further particulars in regard  
to this good herd in later issues. Their  
advertisement will appear in these columns  
within a short time. Those of our readers  
in the market for spring pigs will do well  
to write this firm, kindly mentioning The  
Homestead.

## HEREFORD BULLS FOR SALE.

Those of our readers who want Hereford  
bulls should write or go and see Mr. A.  
Spooner, Mondamin, Iowa. He is offering  
twenty-five good yearling and two-year-olds  
sired by Beau Donald 12th, one of the best  
sons of old Beau Donald.

HARGROVE'S SILOS AT IOWA STATE  
FAIR THIS FALL.

After carefully looking over the Hargrove  
exhibit of silos at the Iowa State Fair last  
year 10,000 farmers signified their intention  
of building silos this season. What could  
speak more for the interest that is being  
manifested in the silo. The shortage of for-  
age this year should be an inducement to  
every stock farmer to try the merits of sil-  
age. The time is at hand to plan for the  
details incident to the erection of that silo,  
so long anticipated. One of the most popu-

lar manufacturers of silos is Mr. H. C. Har-  
grove, 316 E. Walnut St., Des Moines, Iowa.  
He will gladly furnish you with plans, prices,  
etc. Write him, mentioning The Homestead.  
See page 7.

## HEREFORD BULLS.

Anyone wanting a good young Hereford  
bull should read the advertisement of Mr.  
A. Spooner, of Mondamin, Iowa. He has  
twenty-five for sale sired by Beau Donald  
12th, a son of the great Beau Donald, that  
won fame and fortune for Mr. Curtice, of  
Kentucky. Mr. Spooner could fill a car-load  
order if wanted.

## LARGE POLAND CHINA SOWS.

Mr. W. H. Cooper, Hedrick, Iowa, is offer-  
ing in this issue ten sows which are a part  
of his foundation stock. They are from one  
to four years old and fully matured. They  
have been bred to his herd boar, B's Dude  
91429, a massive son of Nemo L's Dude.  
These sows, Mr. Cooper writes, all farrowed  
large litters this spring and to anyone wish-  
ing to establish a new herd or replenish the  
present one this offer should present a good  
opportunity. For breeding and prices write,  
mentioning The Homestead. See page 27.  
Address as above.

## TEMPTING GRAPES AND PEACHES.

Are available at only a comparatively  
short season each year. With a reproduction  
of the magnificent picture of a \$5,000 paint-  
ing of these fruits on your walls, any fam-  
ily can have this fruit the year round. The  
picture itself is 16x20 inches, in a nice gild-  
ed frame and the fruit is in natural colors.  
To get this picture you send ten cents for a  
three months' subscription to Mother's Maga-  
zine, a well edited illustrated family paper.  
Address, The Mother's Magazine, Elgin, Ill.  
See page 16 and kindly mention The Home-  
stead when you send for the picture.

## LEWIS HAS FALL BOARS FOR SALE.

To those who are in the market for a good  
fall boar that is a prospective herd header  
we wish to say that Mr. Chas. Lewis has  
some Poland Chinas that are extra good.  
They are sons of his herd boar, Norvall  
Chief, that won fourth in his class at the  
Nebraska State Fair in 1906 and is the sire  
of the majority of the good individuals that  
Mr. Lewis has been showing in the last two  
years. They are very growty, big-boned  
fellows and are from such dams as Black  
Jessie M. and Jessie M., both daughters of  
the great Nebraska Chief, and Dora Wilkes  
by Guy Wilkes. If you are in the market  
for a good fall boar to head a young herd  
it would be a good plan to call on or write  
Mr. Lewis, as he has some extra good ones.  
When writing please mention this paper.

HAS EXCEPTIONAL WEARING QUALI-  
TIES.

The Century Rubber Roofing is so named  
on account of its good wearing qualities. It  
has been named the Century on account of  
this fact. Whether a roof covered with Cen-  
tury Rubber Roofing will remain unaffected  
by the elements after 100 years of use or  
not we are not prepared to say. However,  
we think it would be a safe statement to  
make that if any roofing material will stand  
for a century, the Century Roofing will. Dura-  
ble, easy to lay, inexpensive and so much  
superior to ordinary forms of roofing, the  
Century Roofing appeals to the builder of  
farm or other buildings. A catalog quoting  
prices and containing full particulars will be  
sent to any address if it be sent on a postal  
to the Century Mfg. Co., Department 770 R,  
East St. Louis, Ill. For the advertisement  
see page 4.

## KEEP THEM HEALTHY.

Under the above heading appears an ad-  
vertisement elsewhere which contains some  
good practical advice to poultry raisers. Suc-  
cess with poultry depends not so much on the  
number of chickens hatched as on the num-  
ber saved. It is the number of chickens  
that are brought to maturity that bring in  
the "pitt money" as the housewife says. Pre-  
cautionary measures against disease are ab-  
solutely necessary in the flock even when  
conditions are the most favorable. Every  
chick or mature bird is liable to disease. One  
of the most simple preventives against  
cholera, howel complaint, and kindred poul-  
try diseases is Germozone. It is a tonic  
that is given in the drinking water twice a  
week. Simple, isn't it? It prevents as well  
as cures. It is indorsed by practical poul-  
try people over the country. Send today for  
a package and a copy of "Mandy's Poultry  
School" also a 1901 egg record will be in-  
cluded. Address, Geo. H. Lee, Omaha, Neb.  
Mention this paper when you write. See  
page 11.

## A DAY WITH W. W. WHEELER.

A representative of The Homestead had  
the pleasure of calling on Mr. W. W.  
Wheeler, of Harlan, Iowa, recently, and  
inspected both his herd of mastodon Poland  
China hogs and Hereford cattle, and we are  
here to say that no man lives that has better  
than will be found on the Wheeler farm.  
We saw were one of the best bunches of  
spring pigs that we have seen this season,  
of the famous mastodon type of Poland  
Chinas. There are about thirty February  
boars among the number and he is now  
booking orders for these and will hold them  
for future delivery. He has four yearling  
and seven fall boars that he will sell and  
ship at any time. These are sired by Sur-  
prise Wonder 5th and Sunshine Chief, both  
boars of great size, and they are out of  
Orange-Maid D., Lady Wonder 5th, Lady  
Wonder 6th and other big sows. The farmer  
or breeder who is looking for something  
with plenty of size and lots of length will  
get it in these boars. His spring crop is  
sired by his great boar, Columbia Chief,  
Longfellow B., Mastodon and Mastodon 2d.  
In Herefords he has a grand lot of calves  
this year, largely sired by Beau Donald 37th.  
These are out of daughters of old Columbus,  
Imp. Britisher, Acrohat, Heslod 2d, St. Louis,  
Bold Briton, Thickett and Improver. He has  
fifteen imported cows in the herd and few  
herds in the West can show as grand a lot  
of table-hacked matrons as will be found  
in this Wheeler herd. He has about thirty  
young bulls on hand and for sale. There  
are a number of these that should go to  
head herds. One of these is St. Louis Wilton,  
a yearling that will weigh 1,600 pounds. He  
is sired by Gay Wilton 98084, he by old  
Anxiety Monarch, and his dam is the great  
cow, Armour's Sunflower, for which Mr. Kirk  
cow, Armour once paid \$1,000. Here is one of  
the best young bulls we know of for a herd  
bull. Another good one is Beau Monarch



by Beau Donald 33d, out of an Anxiety Monarch dam, and another very toppy bull is called Archie, by Mariner 71749 out of Tidy Archibald 3d. Besides these Mr. Wheeler has a splendid lot of yearling and two-year-old bulls and it will pay anyone who wants a Hereford bull to lay off a day and go and see the bulls and also the herd. Remember he has some big yearling and fall boars for sale and he will book orders for spring pigs. Write him or go and see his herds, and don't forget to mention The Homestead.

#### ELLERBECK'S POLAND CHINAS.

A recent visit to the herd of Mr. J. T. Ellerbeck, of Beatrice, Neb., found him caring for a nice prospective bunch of young Poland, mostly the get of his herd boar, Logan B. In Logan B. he has a hog of great scale and has produced some of the best stuff that has come from this section of Nebraska. He is a son of Logan Chief and he by the great breeding boar, Chief Tec. 3d. His dam was Maria's daughter by Corwin Medium. He is assisted in service by King Do Do Jr., son of King Do Do, and he by the great Expansion. His dam was Samson's Sister 2d by Logan Chief. The greater part of the spring crop of pigs are by these two boars. They are from richly-bred dams, there being daughters of such boars as Nemo L's Dude, C's O. K., Logan B. and many other boars of much prominence as producers of show stuff. Mr. Ellerbeck has some very good show prospects that will be seen at the state fair this fall if nothing happens them. If you are in the market for anything in his line write him, as he will surely treat you right if you care to place an order with him. When writing please mention this paper.

#### THE LAST CALL FOR THE CUTLER DISPERSION SALE.

Readers of The Homestead who want some good Short-horn cattle should not forget the dispersion sale of Mr. W. E. Cutler, which will take place at New York, Iowa, ten miles south of Chariton, Iowa, Saturday, June 8th. There will be eight head of Scotch cattle in the sale besides a splendid lot of Scotch-topped, an excellent foundation. One of the prizes in the offering is the herd bull Baron Victor 259111, a Cruickshank Victoria bull and a good one. This bull should go to the head of some good herd. We have referred to this bull in past issues of The Homestead, and we only now want to say to our readers who are looking for a good herd header to go and buy this fellow. This is a dispersion sale, made so by the sickness of Mr. and Mrs. Cutler, and everything has to go. This herd was bred up along the most approved blood lines, and the past three bulls used were all Cruickshank Victorias. The cows are nearly all great milkers and are large, roomy, broad-backed matrons. Individual merit was one of the essentials with Mr. Cutler, when building up the herd and he is certainly offering some good cattle. The Scotch tribes represented are Victorias, Lavenders, and other well-known sorts, and these are good enough to go into the best of herds. Readers of The Homestead are requested to attend the sale. Remember the date is Saturday, June 8th.

#### DISPERSION OF THE L. H. KERRICK HERD OF ABERDEEN ANGUS CATTLE.

Probably the most important event in the history of the Aberdeen Angus breed will be the dispersion of the Wells herd, established and owned by the late Hon. L. H. Kerrick, of Bloomington, Ill., which will be held at the farm near that place on June 25th, 26th and 27th. Mr. Kerrick occupied a unique position in the Angus world. He never showed any of his stock in the breeding classes, but preferred to show in the fat stock classes. It is doubtful if any breeder did as much to popularize the Angus in the minds of the feeder and farmer as did Mr. Kerrick. His success in the show yards is too well known to require mention here, but through his influence and his untiring energy the Angus breed rapidly forged to the front in the minds of the meat producers of this country. The offering which is to be sold on the dates above mentioned includes representatives of the most fashionable families of the breed. There is an abundance of show material for the breeder who wishes to strengthen his herd. As is the case in dispersion sales only, many valuable animals are offered at auction that are under no other circumstances parted with at any price. This herd is strictly a business herd. The cattle are in good, thrifty condition and a large number of calves are sold with their dams. There are over 250 listed (not including calves at foot) and this great number insures bargains for those present. This great offering is also distinguished on account of including the Ballindalloch Lady Fanny Bull, Imp. Lord Fretful, one of the two bulls (the other being his grandsire, Imp. Prince Ito) now in service in America, that was bred at Ballindalloch and kept in service in that noted herd. There are also cataloged numerous of the get of this imported bull and thirty other representatives of this Ballindalloch Lady Fanny family descending through a dam, by the renowned Trojan, whose granddaughter in America was bred to the great bull, Imp. Ermine Bearer. No sale in this country has ever included so many of this famous family. The Ericas are an attractive lot, including numerous imported and home-bred animals that will suit the most discriminating buyer, including the two-year-old bull, Eric 9th of Keilor Park. The Blackbirds contain the stock bull, Black Roy of the Wells, and other good specimens of this tribe. The Prides are of the strain which produced Imp. Prince Ito, the \$9,100 bull, and his son, Prince Ito 2d, the undefeated champion of America. One of the most valuable families in the herd has been the Antelopes, descending through Antelope of Creston, one of the greatest daughters of Black Knight, and dam of the sire of prize winners, Craft of the Wells, and grandam of Dan Wessels of the Wells, two bulls that have been used in the herd with excellent results. Further mention of individuals in this offering will be made in following issues. The cattle have been raised in a practical manner and purchasers may rest assured that with ordinary care and feed their stock will continue thrifty and potent. The herd has been prolific in the extreme, and nothing has been cataloged about which there is any question as to its future usefulness. The catalogs are out and can be had by addressing Mr. W. C. McGavock, of Springfield, Ill., under whose

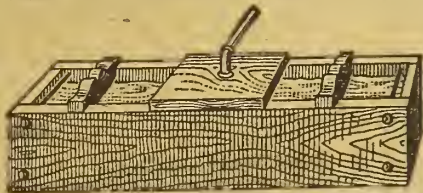
management the sale will be held. The number of the offering insures the prospective buyer many bargains and the class of cattle which go to make up this offering will surely please those present sale day. Write for catalog at once, kindly mentioning The Homestead, as per the advertisement on page 29 of this issue, and plan to be present at this noted sale.

#### A POLAND CHINA BREEDER WITH 100 PIGS.

For something like twenty-one years the name of M. G. Arnold, of Strawberry Point, Iowa, has been familiar to Homestead readers. It is something near that number of years since the writer made his first pilgrimage to Mr. Arnold's farm near Strawberry Point in the interests of The Homestead. In all the succeeding years we have never found Mr. Arnold short on a good crop of pigs. This has been one of the difficult seasons for the proper saving of the spring crop of pigs, yet Mr. M. G. Arnold has by careful watching saved his usual quota of pigs, among which are a number of good early ones that promise to make fine specimens with which to supply the early trade. The major portion of these pigs are sired by that splendid boar, Justice 105245, a son of the great show boar, Corrector, and out of the prize-winning sow, U. S. Lady, by Black U. S. Chief. U. S. Lady was winner of first prize at the Illinois and Iowa State fairs the year that she was shown. This boar, Justice, has proven a great success as a breeder, and although Mr. Arnold has recently parted with him, some fears are entertained that he has made a mistake. Among other so-called fashionably-bred ones are some daughters of Mischief Maker, with nice litters at foot by the great boar, On Up. Later in the season Mr. Arnold will have something to say concerning his choice string of pigs. It is certainly gratifying to know that such an old and reliable breeder is still pursuing the business in that even tenor of manner that insures success.

#### THE ONLY WATERER.

We desire to call the attention of Homestead readers to the advertisement of the Only Waterer on page 18 of this week's issue. This is one of the hog waterers that gives entire satisfaction, runs as well in winter as in summer, and the thousands of users have testified that this is today one of the very best waterers on the market. The Only is simple, durable and reliable and it cannot run over or clog and it runs all



winter. Your hogs will do so much better because they always have fresh and clean water before them, and besides it saves you a great deal of time. Every reader of The Homestead who raises hogs should have one of these waterers and they cannot afford to not have one of them. The Only Manufacturing Company, of Hawarden, Iowa, make a very reasonable proposition. They are offering to send one on trial free as per their announcement in their circular. Readers of The Homestead are requested to send for their free circular and investigate the merits of the Only Waterer, and we feel that they will be well repaid for their trouble. When writing kindly mention The Homestead.

#### THE ROBERTS DUROC JERSEYS.

Every reader of The Homestead who loves a red hog will be interested in knowing of the herd of Messrs. L. H. Roberts & Son, of Paton, Iowa. This herd is undoubtedly one of the oldest Duroc Jersey herds in the United States, tracing back to the days of Messrs. Wm. Roberts & Son, who were in their time among the most noted in this country. Much of the foundation stuff now on the place traces in unbroken line to the prominent sires that were in this herd twenty-five years ago. Mr. L. H. Roberts, the senior member of the present firm, is one of the well-known judges in the West, and it is due to his judgment and his long association with the breed that this herd has been brought up to its present standard. At the present time they have about 450 head on the home place, together with a large bunch on the old farm two miles from town. At the head is the two-year-old son of Ohio Chief, Walt's Chief and Liberty Chief. Mr. Roberts went back to Ohio and purchased these two boars and they stand today at the head of the herd. It is useless to give a description of these two hogs at this time. Let it suffice to say that he is bringing them along and breeders may have an opportunity to see them in the show rings this fall. They have about 275 spring pigs and they are sired by these two boars, also by King of Iowa and Fogg's Col. They also have a number of litters by outside boars, the sows having been purchased by Mr. Roberts in the leading sales this past winter. They have about 275 spring pigs on the place and they are one of the most uniform and best head and ear bunches of pigs we have seen. Mr. Roberts has endeavored to keep up the size in the herd and then went after the head and ear and then the finish. He has bred for a certain type and being a good judge, has succeeded in getting it. He will show at the leading state fairs this fall and he will put out a yearling and an aged herd, and they will be as true to type as has ever been seen at the fairs. He has some very good aged sows, also some good yearling sows, together with a nice representation of fall and yearling boars. These are all being carried along for the fall shows and will afterwards be put into their fall sale which promises to be one of the best that will be held this fall. From a breeder's standpoint the Roberts herd forms an interesting study, and no sow or boar is put into the herd without first knowing their ancestry for generations back. This firm invite a critical inspection of their herd and will be glad to have breeders pay them a visit and look over their stock. The herd of Messrs. Roberts & Son was one of the first Duroc Jersey herds that was advertised in The Homestead, and every prominent herd today can trace much of the breeding back

to sires used in this herd at one time or another. Their advertisement appears regularly in The Homestead and it is worth the while of any of our readers to make an inspection of how they grow and develop Durocs on the Roberts farm. See their advertisement on page 28 and when writing them please mention The Homestead.

#### FINE SHROPSHIRE COMING FROM ENGLAND.

Mr. Howard A. Chandler, of Chandler Bros., Chariton, Iowa, writes from England the following regarding their August importation: "Arrived in England a few weeks ago and as yet there are no other large foreign buyers here. I have visited the best and oldest established flocks and made careful selections of the very tops. We will have one of the largest and best bunches of Shropshires that have ever been seen in America. We invite breeders and admirers of Shropshires, also mutton producers who are investigating the merits of different breeds, to visit us at Chariton, Iowa, and if they do not care to buy they will have had a good study of the top selections of the world's best flocks. The importation will arrive at Clover Hill about the 15th to 17th of August and then will be a good time for buyers to make their selections. We will have show sheep of both sexes and all ages for those desiring to exhibit at state or county fairs this season. The number of yearling rams and ewes for breeding purposes will be very large and we can satisfy the most exacting buyers with both sheep and price. Will also have lambs of both sexes. At Clover Hill we are now offering at very reasonable prices a lot of richly-bred, strong-constituted home-bred rams of exceptional quality. We can please anyone interested in home-bred or imported Shropshires in large or small lots." See advertisement on page 15 and mention The Homestead when you write.

#### TO NEBRASKA PAINT USERS.

There are a great variety of mixtures that go under the name of paint. Absolutely the only kinds of paints to buy nowadays are those which are guaranteed to be pure. Cheap ordinary paints are not advertised as high grade paints are. The competition is too enterprising for the cheap article. In looking over our columns this week will be found a new paint advertisement in the Minnesota Linseed Oil Paint Company's Pure Prepared Paint. This article of paint is sold under the guarantee of a well known and absolutely reliable lumber company in Sioux City, Iowa. They have lumber yards scattered well over the state of Nebraska and it is the paint users of that state that this company is trying to interest. Like any other high grade article of paint, the Minnesota Linseed Oil paint is sold strictly on its merits. It conforms in every particular to the pure paint law of North Dakota. No further proof of the fact that this paint is composed of pure white lead and linseed oil should need to be given to convince our readers of the fact. Pure paint costs a trifle more than an adulterated article, but it wears vastly longer. It is elastic, tenacious and sticks to the boards. On the other hand poor paint checks, cracks and peels off, making a worse looking job than no paint at all. Nebraska paint users are heartily invited to ask to see a sample can of Minnesota Linseed Oil paint at the Edwards & Bradford Lumber Co.'s yards in that state. The paint has stood the test of time; what more could be required? Ask for it, always at the Edwards & Bradford Lumber Company's yards, for your next job of painting. Good for inside or outside work. Either house or outbuildings. See the advertisement of this paint on page 4 and when talking with your local dealer kindly mention The Homestead.

#### THE COLE DISPERSION ABERDEEN-ANGUS SALE.

The very best bargains that have ever been offered in Angus cattle were in dispersion sales. Dispersion sales differ from draft sales inasmuch as in dispersion sales everything good in the herd goes in. Therefore the forthcoming sale of the "Tenderloin Angus Herd," owned by Mr. H. A. Cole, of Chicago, which will be held at the Iowa State Fair grounds on June 18th, promises to be one of the events that Angus men cannot afford to overlook. The writer remembers well when Mr. Cole was founding his herd and he also knows that neither time nor money was spared when buying foundation stock. Four of the very choicest females in the Escher dispersion sale cost him over \$2,000 and these will all be included in the sale. There will be three imported cows in the sale and his present herd bull, Imp. Electrician, together with their descendants. This imported bull will be one of the bargains in this sale and the breeder who is looking for a bull of this kind should attend. He will weigh 2,200 pounds and is a royally-bred Erica and a bull that is a good breeder. He is now seven years old, but is just in his prime. As a breeder he has done good service in the Cole herd and he will prove a valuable find for the man that gets him. He is not overloaded with fat, because he has been kept for a breeder, but he will be in the right condition to do good for the man who buys him. Among the females to be sold is Imp. Krista Pride, a grandly-bred Pride cow, and her yearling heifer and she will be bred back again to Imp. Electrician. This cow is a young one and is just in her prime and any good breeder can afford to own her. Imp. Queen of Kirkbridge is another good young cow that is just in her prime and she is safe in calf to Imp. Electrician. Imp. Sherbert of Southgate is a cow that Mr. Cole purchased of Mr. A. C. Binnie and she will have a bull calf at foot by Imp. Electrician. There will be three Blackbird females in the sale, Blackbird of Glen Lea will have a bull calf at foot by Imp. Electrician. She is a three-year-old and is in her prime. Double Gay Dolly Blackbird is a four-year-old, and she will have a heifer calf in the sale and she will also have a calf at foot by sale day to Imp. Electrician. There will be three Queen Mothers in the sale and they are a good representation of this family. There will be a good Barbara cow in the sale and one nice Barbara bull. There will be two Heather-bloom cows in the sale, one a seven-year-old daughter of Lord Woodlawn and a three-year-old, also one Heatherbloom bull. The Easter Tulloch Duchess and the Drumin Lucy families will be well represented and there will be nineteen Georgians in the offering. The latter tribe will furnish the largest number of any one family in the sale and this

branch of Angus cattle has been a great money maker for Mr. Cole. Just a word as to the bulls that have been used on this herd. His first herd bull was 2d Lad of Emerson, a royally-bred Trojan Erica, and a son of the renowned Gay Lad. He was in service in the McIlhenry herd when Mr. Cole bought him. Fourteen females and one bull are sired by him and all will be included in this sale. His next purchase was Imp. Marmion's Eric, but he lost him after having used him, but thought enough of his calves that he afterwards went and bought his full brother, Imp. Electrician. There will be thirteen cows and six young bulls in the sale sired by Imp. Marmion's Eric, and the most of these are out of dams having the Gay Lad Trojan Erica top. There will be a lot of calves at foot, and there will also be a goodly number of yearling and two-year-old bulls in the sale. Anyone who is thinking of buying Angus cattle will certainly find some good bargains in this dispersion sale. Read the advertisement on page 27 of this week's issue and write Mr. Cole for catalog. Kindly mention The Homestead when asking for the same.

#### IDEAL COUNTRY LIFE.

There is no section of the United States in which ideal country life may be so well realized as in southern California. In no other section can an acre of land be made to yield products of so great value. Here may be found beautiful rural homes, whose owners are in touch of social life, and enjoy the best features of the city and country combined. There is a great variety of soil, as well as climate in southern California, varying from light sandy loam to heavy adobe. The price of land also varies greatly, ranging from \$30 to \$100 per acre for lands adapted to grain, hay and deciduous fruits, without irrigation, up to \$250 or \$500 per acre for first-class citrus land, with an ample water right. To most people from the states east of the mountains these prices will appear high, but it should be remembered that land is worth what it will pay interest on. In this case, irrigated land at \$250 per acre, is often relatively cheaper than the unirrigated land at \$30 an acre which will only raise grain and hay and not even that when there happens to be a drouth. Land may be purchased in southern California on easy terms. Many improved places, with bearing orchards and comfortable homes, are always on the market, there being, as elsewhere, a considerable number of citizens who are never content to stay very long in one place, even though that place be as near perfection as can be found on earth. For those who have the means it is often more advisable to purchase one of these improved places than to buy raw land and improve it. It is not claimed that the climate of southern California is perfect, but it may be safely asserted that it approaches as near perfection as can be found on the globe. The subject of irrigation is one that troubles many eastern people, who think of coming to settle in southern California, to judge from the inquiries received. A mistaken idea prevails that farming is only carried on in southern California by means of irrigation, and that without it crops would be a failure. For all grain and winter crops, irrigation is not employed. Corn is irrigated in some localities, being summer crop, but is successfully grown in many places without irrigation. Upon some lands, after a crop raised without irrigation has been harvested, another is raised by means of irrigation. On irrigated land two or three crops a year are frequently raised. The advantages of irrigation are so manifest as not to need discussion. With an artificial supply of water the farmer is rendered independent of his land is enormously increased. One of the surprises to new arrivals in this section is the small amount of land that is needed to support a family. It is a fact that many families in southern California cannot only make a good living on five acres, or even less, of irrigated land, carefully tilled, but also manage to lay something by every year for a rainy day. In such cases families raise most of the food products that are consumed, and always have something to sell. Ten acres are, in fact, about all that one man and his family can attend to if worked to their full capacity, and as soon as settlers begin to hire help the profits decrease very rapidly. Fruit trees can be planted on the land between small fruit, and then again vegetables, until the trees become too large. Under such circumstances there is a constant succession of crops. A favorite method of settling land in southern California, which offers many advantages, is the colony system. These colonies are made up, either here or in the East, among persons who are acquainted with each other, generally being residents of the same section. Each settler owns his ten, twenty or more acres independently, but by purchasing the land at wholesale, in a block, a great saving is effected. The settlers can also co-operate in purchasing supplies, piping water, canning, drying and otherwise preserving fruit, making olive oil and marketing their products. Besides all this they have the advantage of the social life from the start, with school, churches, library, store, postoffice, etc., which otherwise might be long in coming. They do not feel like "strangers in a strange land," and their land will increase in value twice as fast as it would were it settled in a desultory manner. Many flourishing towns have started thus. The development of the horticultural industry in Los Angeles during the past years has been remarkable. The most important horticultural product of the country is the orange. Other fruits raised in southern California are the lemon, almond, fig, prune, apricot, walnut, peach, pear and berries. The shipment of citrus fruits—oranges and lemons—from southern California points for the past season amounted to about 30,000 carloads. Deciduous fruits are shipped fresh, canned, dried and crystallized. As previously mentioned, an active demand for our dried fruit has grown up in Europe. The olive flourishes in the San Fernando Valley, and the almond thrives in the Antelope Valley where they have cool winters and land is cheap. The country around Downey is an all round farming region, where large quantities of pork, butter, cheese, corn and vegetables are raised. The walnut does particularly well around Rivera, just south of Los Angeles city. Alfalfa, which is largely grown for hay, is a most valuable forage plant. It is cut from three to six



times a year. Large quantities of wheat and barley are raised. Southern California corn sometimes grows to a height of twenty feet. Pumpkins have been raised that weighed 400 pounds. There is a beet sugar factory at Alamitos. Los Angeles honey is celebrated all over the country. In the neighborhood of Los Angeles calla lilies, tube roses, carnations and other flowers are raised by the acre. Floriculture is indeed an important and rapidly growing industry. Several women have made successes along this line. Flowers, bulbs and seeds are shipped east in large quantities. Eastern seed men declare that southern California grown seeds are the best they handle. The nursery business is also an important one. Hundreds of acres are devoted to the cultivation of celery, which is shipped east by the train-loads. Winter vegetables, such as string beans, tomatoes, green peas and chile peppers are shipped to the North and East during the winter months, realizing high prices. Berry culture is an industry that brings in thousands of dollars. One does not have to wait long for a patch of berries to bear. The principal berries raised are the strawberry, blackberry, dewberry and loganberry, the latter attaining great size. A number of creameries have been established during the past few years, with highly successful results. The creameries are mostly run on the co-operative plan. There is scarcely a record of one that has not paid good dividends. There is also a successful condensed milk factory in Orange county. Cheese is made, but not enough to supply local demand. Poultry does well when it is given the same attention it receives in the East. Eggs always command a good price, seldom falling below twenty cents per dozen, and up to fifty cents per dozen. Southern California is an ideal section for live stock. The horses raised have been noted for their speed and endurance from the time of the early Spanish settlers. Some famous thoroughbreds have been raised in southern California, and it is the opinion of many that this section will one day rival Kentucky as a breeding ground for fine horses. The mild winters are a great advantage in this industry.

#### DISPERSION SALE OF SCOTCH SHORT-HORNS.

This will be the last opportunity of The Homestead to direct attention to the very important dispersion sale of Scotch and Scotch-topped Short-horn cattle, the property of Mr. H. H. Diers, at Farmersburg, Clayton county, Iowa, June 14th. In previous articles we have set forth the fact that this was an exceptionally good offering of cattle. We desire at this time to emphasize this statement and add that there has not been a better opportunity offered, for some time at least, for breeders and farmers to secure as high-class stock as will be sold here on the above date. In the foundation of this herd Mr. Diers paid from \$700 to \$1,200 for Scotch cows, from which this herd has been built up; nor were these extreme prices paid indiscriminately for Scotch stock simply because it was Scotch. Individual merit has always been the leading consideration in establishing the Center Valley herd. The cows referred to were purchased because of their intrinsic worth and their very superior breeding, and it seems sad indeed at this time to see the good and successful work of Mr. Diers being scattered, as it were, to the four winds, in a single day. Any breeder that can take four Scotch cows and build up such a herd as Mr. Diers has done is certainly worthy to be classed among the best breeders of Short-horns of his day. We believe that we are not extravagant when we say that few breeders have accomplished as much, and it is lamentable when a breeder of this character and ability dispenses with the product of his efforts. Certainly good judgment, proper care and right mating have been the instruments largely responsible for the success of the Center Valley herd. As has been stated in former notices of the sale the best imported bulls were procured and used with marked success. It is a notable fact that in all the bulls used at the head of the herd, but one slight mistake has ever been made. Few breeders with large experience can say as much. It is with pleasure and pride that The Homestead directs the attention of its readers to this dispersion sale where an opportunity will be offered to secure high-class Scotch cattle at their own prices. Owing to the somewhat isolated reputation of Mr. Diers as a breeder, there is a great probability that breeders will be disposed to underrate this offering and not attend. For that reason the wise buyer who is looking for bargains in high-priced stock should arrange to be present. It will be a grand opportunity for the young breeder to buy the nucleus for a good Scotch herd, purchasing cattle that are not only grand individuals, but whose pedigrees are faultless and cattle that have been built up by good care and generous treatment from the most prolific dams that are to be found in any herd. Of the six Scotch bulls to be sold, Imp. Crown Imperial is one. This is a red bull calved Dec. 22, 1901, sired by Village Fancy 2d and out of Imp. Minorka Maid. He has been used with marked success on the herd and owing to the dispersion will, of course, be sold. A beautiful red yearling bull will be found in Lot 31, Baron Duke 275641. He was calved Nov. 20, 1905, sired by Imp. Gladstone and out of Center Valley Bud by Imp. Prince Oderic. He is a Cruickshank Brawth Bud or Foxglove bull. His breeding is faultless. No one in search of a straight Scotch bull need hesitate on account of pedigree on this fellow. Lot 32 is of the same family and sired by the same bull, except that his dam is Pride of Center by Imp. Crown Imperial and her dam is the dam of Lot 31, Baron Duke. This is a roan bull, full of quality and a herd header. Another one of equal type and character is Champion, Lot 33, a rich red roan, sired by Imp. Gladstone and out of the Duchess of Gloster cow Duchess of Center 2d. There is one outcross in this bull's pedigree through the bull Ben Hur. Aside from this it is a straight Scotch pedigree, good enough for the most fastidious breeder on earth. Ben Hur was sired by Financier and he by a pure Scotch bull, the outcross being on the dam's side. This is simply an outcross of Bates breeding and is in no wise inferior to the Scotch blood that predominates. Lot 34 is a red bull called Bryan, sired by Gladstone and out of Minorka's Pride, sbe by Imp. Ava-

lanche. This is a good red bull that will not be a year old until October 20th. A choicely-bred Cruickshank Victoria will be found in Lot 36, Baron Secret. He was sired by Imp. Crown Imperial and out of Victoria Red Rose by Imp. Prince Oderic, sbe out of Varna Victor by Imp. Duca! Crown, and traces directly to Imp. Victoria 71st by Roan Gauntlet. Lot 37 is also a Cruickshank Victoria called Victor Baron, sired by Allerton, a pure Scotch bull, and out of Imp. Minorka's Maid, his sire being Imp. Avalanche. Victor Baron's dam is Victoria Red Rose, the dam of Baron Secret. The remainder of the bulls are Scotch-topped and are splendid individuals worthy to do service in any farmer's herd in the land. All of these cattle are in good, thrifty, breeding shape and need no apologies offered for them. We trust that those in the market for good cattle at moderate prices will not forget this date and place. Particulars are set forth on page 31 in the announcement. Kindly mention The Homestead when writing for catalogs, which are now ready to mail.

#### YOUNG'S DUROC JERSEYS.

A recent visit to the herd of Duroc Jerseys owned by Messrs. E. K. Young & Son, of Havelock, Neb., found them caring for a fine bunch of pigs which they consider the most promising they have ever had at this time of the year. The greater part of them are sired by their herd boar, Luther H., a son of Hambletonian, the first prize yearling at that state fair in 1904. His dam was Merry Jumbo by Jumbo Red, the 1,030 lb. hog. As you see by this hog's breeding he is from prize-winning ancestry and his get are bound to prove equally as good as their ancestors. After a careful inspection of the many good sows on this farm we find that they are of prize winning ancestry and among them are some very choice individuals. Primrose, a daughter of the great Crimson Wonder, and having for her dam Miss Bob, one of the great producers of the business at the present time, is among the good things found in this herd. She is raising a very promising litter of pigs by Proud Lady's Orion No. 10. This sow is a litter sister to the great sow, Morrison's Peach, that Mr. Wilson, of Bethany, Neb., refused \$1,000 for last spring. Crimson Queen is another of the good ones by Crimson Wonder, her dam was Maud's Best by West's Model. She is raising a good litter of eight pigs by Luther H. Lady Russell by Gold Dust Jim, the first prize aged boar at Iowa in 1905, is another that deserves mention. Mr. Wilson & Son are offering a yearling boar for sale by Morrison's Belle Top. His dam is a daughter of Won't Be Beat by the great Kan't Be Beat. If you are in the market for a good boar write them for description and price and mention the Homestead.

#### LAST CALL FOR F. O. LOWDEN'S PHENOMENAL SALE OF SHORT-HORNS.

The above caption may be unique for a heading of an article that has to do with Short-horn cattle. Nevertheless the consignment of Short-horns of which we speak are of such an extraordinary character that we submit the above. There has been no time in American Short-horn history in many years when it was possible for any breeder to break into the ranks of his breeding herd, apparently sending the herd from top to bottom and from center to circumference, as is the case at the great Smississippi breeding establishment of Col. Frank O. Lowden, at Oregon, Ill. We believe that every statement that has been made in this journal concerning this extraordinary offering will be borne out by the fact when the cattle are led into the ring in the sale pavilion on June 11th. The writer had expected on his tour of inspection to see a superior lot of Short-horns; in fact, had been apprised of this fact before he reached Smississippi farm; but the surprise was far beyond anything expected or anticipated, and while we profess to be somewhat conservative in our expressions and endeavor to never lose our head over something that is far beyond the ordinary, yet we confess that in looking over this offering carefully and methodically, in company with the owner, Col. F. O. Lowden, and Supt. Thos. Stanton, we were perfectly willing to go on record as saying that they were the choicest lot of Scotch cattle for the great number consigned that it had ever been the fortune of a single breeder in America to put forward in a sale ring. So much for the above apparently extravagant statement. It is not the desire or design in endeavoring to set forth the high character of this offering to persuade any to believe that these cattle will sell at fabulous prices. We do not believe that such will be the case, nor is it desirable that they should. We simply wish to furnish our hundred thousand readers with information that will enable them to realize the real character of this

#### OUR RED LETTER

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The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

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The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

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offering, and can assure them that they can travel long distances to see this consignment, without any fear whatever of being disappointed. Yet, it should be remembered that it is an auction sale, where the buyer has everything to say with regard to the selling price and the seller must sit idly by and take his medicine. This is precisely what will happen in Chicago June 11th. There are no strings tied to these cattle in any way. They are fully paid for, and no difference what the price set may be, Colonel Lowden will continue to breed Short-horns just the same and will be in market to secure some choice Scotch bargains if any be in future sales. This splendid draft of cattle by no means includes all the good ones at the Smississippi farm, as Mr. Lowden is retaining seventy head, including animals of very similar breeding to those offered in the sale. For example, he still retains the dams of many of the show calves that have brought renown to his herd in recent years and retains a splendid bunch of Ceremonious heifers. We do not anticipate great record-breaking prices for these cattle; nevertheless they are worthy from every point of view. We had not anticipated any individual mention of the females other than the fact that as a whole they were the best lot ever offered in this country. Yet, to properly put forth the high character, we will say that the great show heifer, Clara Belle, the red roan daughter of Imp. Choice Goods, and out of Imp. Clara 58th by Golden Victor, is among the noted celebrities in the offering. This is the heifer calf that alternated in her winnings with Ruberta's daughter, Fair Louisiana,

during their calthood. There is a goodly number of imported cows, of the highest type and character. Mary Gray is one of these and was sired by Rosalie. She is certainly a very valuable cow and will have a calf at foot by Cumberland's Last. Imp. Lena is another of the richly-bred Scotch sort that have crossed the water. She, too, is carrying a calf by Cumberland's Last. Imp. Ballechin Charming Maid is a beautiful roan cow calved Jan. 18, 1901, and is one of the grand good Scotch cows of the breed. She has a bull calf at foot sired by Ceremonious Archer dropped March 16th. A beautiful daughter of Imp. Count Amaranth will be found in Lady Park Augusta. This is one of the very desirable things in the offering. She has a beautiful white cow calf at foot, sired by Ceremonious Archer and was re-bred to this bull March 12th. The great white cow that topped the Chrysalis sale some two years ago is Mario's Heir-ess Second, a daughter of Scottish Victor and out of Imp. Mario's Heir-ess by Marengo. This cow is the dam of a beautiful roan bull calf dropped September 1, 1906, by Imp. Lovat Champion, and is due to calve soon to the service of Ceremonious Archer. This cow is a very rapid breeder, a splendid individual and would add credit to any herd in which she may find her way. Her full sister will be found in Lot 10 of the catalog, Mario's Heir-ess Third. She is just two years younger and has a dark roan bull calf dropped December 3d, by Lovat Champion. Smississippi Beauty is correctly named. She is a beautiful white two-year-old heifer by White Hall Sultan and out of Imp. Heather Blossom. During recent years the Cruickshank Broadhocks family have gained quite prominent distinction. This being the case we wish to call attention to the fact that there are three Broadhocks females in this offering and can be found as follows: Anoka Broadhocks, Lot 12, Duchess 4th, Lot 15, Heather Bloom, Lot 22. Lot 12 is a daughter of Ceremonious Archer and needs no introduction at this time. She was one of the successful show animals of the two last years at the International and other great American shows. She has a white cow calf at foot by the \$8,000 White Hall Marshall. Lot 15, Duchess 4th, another of this famous Broadhocks family, is a four-year-old, sired by Bapton Ensign and out of Imp. Dalmeny Duchess 5th. Her beautiful cow calf at foot by the great show and breeding bull, March Knight, makes her an attraction that will doubtless be sought after eagerly. Lot 22, Heather Bloom, is the last of this family and is out of Imp. Fair Duchess of Bluff View and sired by Duke of Oakland 2d. She has a beautiful red heifer calf at foot sired by the Cruickshank Secret bull, Secret Viscount. She will be bred to one of the herd bulls at Smississippi prior to sale time. As has been before stated, space forbids mentioning all of the good things in this offering, and by drawing this individual description to a close, we are leaving out numerous great matrons that are the equal, if not the superior, of many thus described. This is one of the reasons why it is impossible to attempt an individual description of any of these cattle without injury to those not described. The only solution to the problem would be to describe each and every one of



This group of young Red Polled bulls are included in the sale of Lake & Stubbs on June 12th at Hampton, Neb.



the sixty-one lots, but such a thing is not possible in an article of this kind, our chief aim being to impress lovers of Short-horn cattle of the advantage of sending early for one of the sale catalogs and study the pedigrees carefully. A volume might be written on the ten two-year-old daughters of Cere-monious Archer consigned to this sale and bred to Cumberland's Last. In fact, there is material for several articles on these ten heifers alone which we must pass by with this slight notice. June 11th will be a pleasant time of year to take a day's vacation from the arduous labors of the farm and herd and attend this sale. The brief and very modest announcement in the sale catalog, written by Colonel Lowden himself, is one of the most unassuming of any that we have yet read concerning an offering about which so much might be said. The announcement, however, being modest will doubtless serve to a better purpose than were greater claims made by the owner of Sinnissippi. Certainly at no time in the history of Short-horns has there been an opportunity for Col. F. M. Woods, who will doubtless make the opening address, to find material for a greater speech than at this time. It is fully conceded by all that Colonel Woods stands alone in making an oratorical spellbinding talk on Short-horn cattle; if the Colonel is at himself on June 11th, we expect to hear the speech of his life time, for the reason that he has the material at hand in the way of high-class Short-horns to talk about. While the sale will be held in Chicago, applications for catalog should be made to Col. Frank O. Lowden, or Mr. Thos. Stanton, at Oregon, Ill. The big four group of auctioneers, Colonels Woods, Bellows, Jones and Gardner, will have the proud distinction of selling this superior lot of Short-horns. See the advertisement on page 32.

#### OSBORN'S OHIO CHIEFS.

A representative of The Homestead who has been calling on Mr. O. E. Osborn, West-on, Iowa, for many years, paid him a visit the fore part of last week, and found the best prospect for spring pigs that has ever been on his place. Every breeder knows that here is the home of the great Ohio Chief, considered today one of the greatest living Duroc Jersey boars. Mr. Osborn owns one-half interest in him, the other half interest being owned by R. J. Harding, Macedonia, Iowa, and he divides his time between these two places. Mr. Osborn has a splendid crop of Ohio Chief spring pigs and they are doing well; altogether he has 130 spring pigs, and these are sired by Ohio Chief, Belle's Chief I Am (a son of Ohio Chief out of the noted sow Nebraska Belle), Iowa Chief, Baxter's Buddy K 3d, old Kan't Be Beat and Kruger Lad, the first prize Iowa State Fair boar. Here is an aggregation of well-known sires that are hard to beat, and Mr. Osborn has a good representative lot of pigs by them. In yearling boars he has Iowa Chief, a son of Ohio Chief out of Ruby 3d by Young Orion. He has a good yearling in this fellow, is right on the top of his toes, is a splendid-bodied hog, and Mr. Osborn has some splendid pigs by him. This pig has not been crowded, but is doing well, and he is one of the good Ohio Chief boars. He would make a splendid boar to head some good herd, but Mr. Osborn says he is not for sale. Whether he could be induced to change his mind remains to be seen. He has two nice yearling Ohio Chief sows, and these are full sisters to the Austin Renshaw boar. Mr. Osborn will put a few finishing touches on these for the fair this fall. He also has two good daughters of Briggs' Prince that he is bringing along for the eighteen-months class. His sows averaged good litters this year and he had more pigs on his place than ever before. During April he lost a lot of pigs on account of the weather, but those that remained were the survival of the fittest, and he has a good bunch of them. He has six fall boars for sale sired by Ohio Chief and one by Crimson I Am, a son of Crimson Wonder. Anyone wanting one of these should write Mr. Osborn. He is making the price right on these. Kindly mention The Homestead when writing him.

#### LAST CALL FOR THE THOMAS, JAMESON & MITCHELL SALE OF SHORT-HORNS.

On next Thursday, June 13th, in the fine stock pavilion at Kansas City, Mo., will be held the sale of fifty head of Short-horns from the herd of Messrs. Thomas, Jameson & Mitchell, of Allen, Kan. The catalogs of this event are out and every breeder of Short-horns should have one, as the breeding of the cattle that have made this herd should, and no doubt will, prove interesting to all who study same. Fine half tones of a dozen of the sale animals will be found in the catalog. They are good illustrations of the cattle and show the type which is found throughout the Thomas, Jameson & Mitchell herd. Mr. E. K. Thomas, of Paris, Ky., senior member of the firm, and Mr. S. D. Mitchell, of Allen, Kan., junior member of and active manager of the herd, will each continue in the business, the sale being made necessary in order to settle with Mrs. Jameson, who retires from the firm. These gentlemen regret that the herd must be scattered, as they will be forced to once more re-engage in building their herds to such a state of perfection as to command the prominence of the present herd. The entire show herds of the past two years are included in the sale and breeders who need show stock to fill in show herds for the coming fall shows will find stock here that needs but to be carried on. The young breeder wanting choice breeding stock for foundation purposes or to add to his herd will find this an opportunity such as does not come

every year. The herd bulls, Orange Viscount, a son of the champion, Lavender Viscount, and White Goods, a son of the champion, Choice Goods, are the strongest pair to be found in a single sale this year in the West. Orange Viscount, the senior herd bull, has been shown with success, as has White Goods, and he should now be retired as a stock bull to some herd where the thick, meaty, short-legged Short-horn is duly appreciated. The twelve head of his get that sells will establish his value to those who are not familiar with his ability to reproduce his kind. White Goods has developed well since the shows of 1906 and promises to be a factor in the aged bull class this year. He is siring a class of roan calves that show him to be a sire with a great future. All females in the sale will be bred to one of these two bulls, unless it be heifers too young to breed or one or two show heifers left open for show purposes. Mention has been made of many of the leading families and we feel that it is now up to the men wanting absolutely high-class Short-horn cows and heifers to be on hand. The Cruickshank and Scotch sorts are well represented by stock that has either won or furnished many winners. Many of these Scotch cows have calves at foot that show great promise. The Barrister Young Marys are a type of low-down, thick-fleshed cattle that have been bred for many years by Mr. E. K. Thomas. It is this tribe that some years ago won so many prizes for Mr. Thomas and are today pronounced the equal of any tribe known to the breed. There is not an animal in the sale but that will be a credit to the herd from which it came and which will fit nicely into the best herds in the country. If you have not yet received a catalog send for one, then arrange to be on hand June 13th. See page 28 for advertisement and kindly mention this paper when writing for catalogs.

#### THE IOWA BANNER HERD OF DUROCS.

A representative of this paper who has for several years been in close touch with the Iowa Banner Herd of Durocs, owned by Messrs. W. L. Addy & Son, of Parnell, Mo., recently paid the herd a visit and if ever Messrs. Addy & Son had reasons to feel that their Duroc Jersey herd was such a herd as should attract the attention of breeders it is now. Never before has the writer seen so many fine prospects in the Iowa Banner herd and barring accidents Messrs. Addy & Son will from the crop of spring boars and gilts now coming on have an exceptionally strong lot to offer. For years Messrs. Addy & Son have used breeding stock that is today looked on as the stock that has furnished the Duroc world with its top stuff and we find the blood of such sires as old Protection, Ohio Chief, Top Notcher, Proud Advance predominating through their herd of sows. These had been reared under favorable circumstances, on a farm that is naturally adapted to the production of hogs and in 1905 Messrs. Addy & Son added that great breeding boar W. L. A.'s Choice Goods to the herd, making the proper move at the proper time. Through W. L. A.'s Choice Goods the blood of such sires and dams as Lafollete, Belle's Chief, Red Chief I Am, Duroc King, the great Nebraska Belle, Bishop's Choice and L. E.'s Model 9th was introduced into the herd and through a boar that is such a prepotent sire as to transmit the many good qualities found in his ancestors as well as in himself. The few pigs got by W. L. A.'s Choice Goods last year were of such quality that Messrs. Addy & Son could not supply the demand for sows bred to him and offered in their bred sow sale were picked up at good round figures and by men who had seen his get. For the trade now and later on, Messrs. Addy & Son have undoubtedly the best lot of boars ever produced in the Iowa Banner herd. Among these are four fall boars, two of which should have been carried on for the fall shows. They have the spring of rib, the fullness over rump and through rear quarters, good heads and the best of feet and legs. Some appreciative breeder should look after these. In future issues more will be said of the spring crop as Messrs. Addy & Son will have some herd boar material here that will do good as well as an exceptionally strong lot of boars for the men who want boars that will get the kind that top the leading markets. See page 29 for Messrs. Addy & Son's advertisement and when writing or visiting them kindly mention this paper.

#### A. H. BRETT'S SHORT-HORN SALE.

On June 27th, Mr. A. H. Brett will sell at Mason City, Iowa, sixty head of Short-horn cattle, among which are a goodly number of straight Scotch, including two imported cows. The offering, to be exact about it, is as follows: fifty females, twelve of which are Scotch, including Imp. Likely and Imp. Roan Ribbon. There will also be twelve nice two-year-old heifers, and the entire female offering will be bred to good Scotch bulls. Mr. Brett's present herd bull is a son of the great Imp. Merry Hampton. The remainder of the offering will be ten bulls of serviceable age. It has been the custom for a number of years for Mr. Brett to make these June sales, and they have been marked with success from the start, and it is to be hoped that this offering will in no wise differ in this respect from its predecessors. Either before or immediately after the cattle sale Mr. Brett will sell four registered draft mares and one two-year-old registered Clydesdale stallion. They are all bred to the best of stallions and should be good property, inasmuch as the draft horse business is constantly on the ascendancy. The two imported cows that Mr. Brett is offering in this sale are a choice pair fit to grace any herd in the land. It will be remembered that they were purchased by a Minnesota party along with a lot of other cattle at one of Mr.

Brett's former sales, and the party could not make proper settlement for any of the stock; hence these beautiful cows were left on hand at the farm. We offer this explanation for the reason that some may wonder why these cows are again listed for sale. They were bid off by an agent for a party who could not settle either by note or cash. There is scarcely a herd in America that would not be proud to own either of these imported cows. Their pedigrees and more minute particulars will follow in future issues. Inasmuch as the sale catalog has not as yet reached our hands, we are at a loss to give the breeding of any of the offering further than in a general way. Certain it is that Col. Al F. Mason, the auctioneer, will have the opportunity to dispose of a lot of cattle of the most practical sort. A Homestead representative has inspected the offering recently and finds them all out on grass, not fat, but in the pink of thrift and breeding condition. The cold and backward spring has retarded the growth of grass so that these cattle have not put on their sale clothes to that extent that they ordinarily would have done by this time. Nevertheless this is but a minor attribute and would only cause the buyer to pay more money for the cattle without adding one single dollar to their intrinsic worth from a breeder's standpoint. Mr. Brett is busy at work on the sale catalog and by the time this article is read it will no doubt be ready to mail and will be sent free to readers who say they saw the announcement of his sale in The Homestead. Future issues will contain further descriptions of this very useful offering. The sale will be held at a very opportune time for breeders and farmers to get away from home for a day or two, and further, the pastures will doubtless be much improved by that time so that purchasers of cattle can turn them right out on the grass with little or no expense for keep for a number of months. The date of this sale should be firmly impressed on the mind of every breeder in the middle West that contemplates purchasing good Short-horns this summer. See advertisement on page 26.

#### COMBINATION RED POLLED SALE AT HAMPTON, NEB., JUNE 12TH.

Forty-two head of Red Polled cattle will be included in the sale of Messrs. W. H. Lake, of Hampton, Neb., and F. H. Stubbs & Son, of Bradshaw, Neb., at the farm of the former on June 12th. All of this consignment except one are either yearlings or two-year-olds and the man in search of some choice young stuff or foundation stock should attend this sale or be represented by a bid. Those who attend can expect to see a strictly high-class lot of this splendid dual-purpose breed of cattle. At the heads of both of these herds have stood some of the best bulls, of the strongest blood lines known to the breed. The Lake herd for some years has been headed by Dandy B. 7th 8012, one of the best sons of the renowned show and breeding bull, Iowa Davison 10th. The females which are offered in this sale speak for this line of breeding. At the present time North Star 5742, got by Imp. Ensign, is the most prominent herd bull at the Lake herd. He is a short-legged, thickly-made masculine fellow, exceptionally well filled and carrying great scale; in fact, he is just the type which so many are searching for. In 1900 he won first and sweepstakes at the Nebraska State Fair and his sire, The Ensign, was not only a winner at the English Royal but at many of our leading state fairs. His ability as a sire of unusual merit will be fully demonstrated in his produce on sale day. Mr. Lake's consignment consists of twenty-three head, of which fifteen are females, some with calves at foot and all of breeding age. The eight bulls listed are of sufficient merit to command the close attention of bull buyers. The milking qualities of all the animals offered in the sale are well pronounced, and some of the cows are exceptionally heavy milk producers. The F. H. Stubbs & Son offering consists of nineteen head, of which twelve are females all safe in calf. This herd was established some fifteen years ago by the elder Mr. Stubbs, who ranks among the oldest breeders of the state. Previous to the present herd sire Naller 7396 stood at the head. He was got by the noted show bull, Iowa Davison 10th, and has been standing right at the top of his class at the Iowa State Fair for two years past. A part of the females were sired by him. Sprites' Perfection 6685, got by Governor McKinley out of the great show cow, Sprite 3d, stands at the head of the herd at present. His dam produced the three great herd headers, Manning 4023, Emery 4871 and Sprites' Perfection. At the head of this herd Sprites' Perfection has proven a high-class sire and the yearling bulls and heifers are by him. There are several re-

## AN EXCELLENT HOME RECIPE

One That Will Relieve All Sufferers From Stomach Troubles.

More stomachs get out of order than any other organ in the human body. More people dose for stomach troubles than any other disease. No better evidence is wanted than the fact that there are more patent medicines on the market for stomach troubles than for any other disease. If your stomach is out of gear, if your digestion is off, don't dope with these patent nostrums, but go to your druggist and get the following simple prescription filled:

Compound Tincture of Cinchona, one ounce; Proseine Compound, one ounce, and Sherry Wine, half a pint. Mix these together and take one teaspoonful in a wine glass full of water before meals and at bed time.

markable cows in this herd, also, one of which is Silica, now seventeen years old and has a record of sixteen calves to her credit. Every animal in this sale is guaranteed a breeder. Those who are looking for some first-class specimens of the farmer's cow should not fail to be in attendance on sale day. The announcement of this sale appears on page 30 and bids may be sent to the representative of this paper, Mr. Ray Page, in care of Mr. W. H. Lake. Send for catalog and kindly mention this paper.

#### BENTON COUNTY, IOWA, SALE OF SHORT-HORNS.

On page 28 of The Homestead will be found the announcement of Mr. N. P. Halgren setting forth the advantages of attending his sale of Short-horn cattle to be held at his farm four miles from Vinton, Iowa, on June 19. Mr. Halgren has a very attractive and useful herd of Short-horns and is making a practical dispersion sale of the same. The offering includes both his herd bulls and all of the stock that is in any way desirable. There will be some thirteen bulls in the offering and thirty-four females, including a few Scotch cattle and two exceptionally good Scotch bulls. All of the heifers of breeding age and young desirable cows not sired by Prince Royal will be bred to this bull. Those sired by him will be bred to Royal Pride, Lot 38 of the catalog. The last named was sired by Royal Banner, a Cruickshank Queen of Beauty bull, got by Banner Pro and out of Beauty's Pride B. 2d by Imp. Harvester. She out of Pride of Orchard Farm by Imp. Goldstick and she in turn out of Imp. Queen of Beauty by Senator. Imp. Queen of Beauty was sold in the Robt. Miller dispersion sale at West Liberty, Iowa, in about 1888, to Mr. C. S. Barclay, and from her have sprung practically all of the Queen of Beauty Short-horns now in this country. Royal Pride's dam is Imp. Louise 2d by Golden Fancy. Golden Fancy was a splendid bull got by Scottish Fancy and out of Golden Day 3d by Master of the Ceremonies. Imp. Louise 2d was out of Imp. Louise, she by Watchman, he by Watchard, a bull of considerable note in the hands of Mr. J. B. Fletcher, of Europe. Imp. Louise 2d was imported in dam by John Isaac, of Canada. She was bred by William Wilson, of Barmfshire, Scotland. It will be seen that this bull is choicely bred and has a little fresh blood of English extraction through the bull, Watchman. The Prince Royal bull, or the old herd bull, was calved Oct. 19, 1900, and is a thick-fleshed, massive red bull, sired by Imp. Prince Odgeric. Prince Royal's dam was Sunnyside by Sir Charming 2d. Sir Charming 2d was sired by Imp. Salamis, a Duthie-bred bull, that was purchased in the old country by Mr. C. C. Norton, of Corning, Iowa. Sunnyside is only three removes from Imp. Daybreak 4th, and the Daybreak family are Miss Ramsdens, all founded on the cow, Miss Ramsden by Duke (3630). Here is a bull that has done Mr. Halgren a world of good in the up-building of his herd, and he would not be for sale at this time only for the fact that the herd is practically being disposed of. He is a quiet dispositioned fellow, is sure and a splendid breeder. More particulars concerning this sale will be found in our next issue. In the meantime all information not contained in the announcement may be had of Mr. Halgren, at Vinton, Iowa, by simply asking him for a catalog and mentioning the fact that this notice was seen in The Homestead.

#### SOME GOOD OHIO CHIEF BOARS.

Readers of this paper, and especially those who are looking for a good Duroc Jersey boar to head their herd, will be interested in the advertisement of Mr. W. A. Rankin, Carson, Iowa. Besides the original owners of the great Ohio Chief, Mr. Rankin has perhaps more of his get than any other living man. He has fifteen fall boars and sows, thirteen spring pigs. Three sows to farrow to him in a week or two, and he also owns the splendid yearling boar, Wonder's Ohio Chief, that he now offers for sale. The time to buy a good Ohio Chief boar is right now, and Mr. Rankin has them for sale and at a reasonable figure. Wonder's Ohio Chief, the yearling boar that he offers to sell, is by Ohio Chief and out of Wonder's Queen, a daughter of the noted brood sow, Beatrice Queen, unquestionably one of the greatest brood sows living today. This boar is bred right and is the making of a splendid herd boar. He is a good-bodied hog, with a good back, and plenty of spread to the rib, stands on good feet and has quite a good head and ear. Mr. Rankin makes the very reasonable price of \$200 on this boar, and no man can buy him for a cent less. If a man wants a herd boar he cannot do better for the price than to go after this fellow. He also offers seven fall boars for sale, all sired by Ohio Chief, and there are some good ones among these and for less money. It will pay anyone who wants an Ohio Chief boar to write or go and see these



The above is a correct likeness of Mr. H. G. Warren, Inland, Neb., who opened the eyes of the Duroc world by paying \$1,575 for the sow, Rose Bud Lady.

**Here's a  
SNAP**

**MILK OIL DIP**

OLDEST AND BEST AMERICAN DIP

Eight-foot galvanized steel tank for  
Sheep or Hogs and 5-gallon can Milk Oil  
Sheep or Hog Dip, free on board Chicago

**\$12.50**

**MILK OIL  
DIP**

5 GALS.

Special rates on large lots. Three \$2.00 packets of Cooper Sheep Dip may be substituted for Milk Oil if preferred. 6 gallons Milk Oil Dip, without tank, \$5.00. F. O. B. Chicago.

Our line includes Summer's Worm Powders, Toxaline Worm Remedy, Ear Labels and Buttons, Branding Liquid, Tattoo Marker, Sheep Shears, etc. Illustrated catalogue of all Stockmen's Supplies free by mail.

**F. S. BURCH & CO., 177 Illinois Street, CHICAGO, ILL.**



The first man that comes gets the pick of the offering. No one in the state has a better bred herd than Mr. Rankin. He has 140 to 150 spring pigs this year and they are sired by Proud Lady's Orion, a son of old Orion out of the \$1,275 sow Proud Lady. This boar cost Mr. Rankin \$425 at the R. J. Harding sale last fall. The others are sired by Wonder's Ohio Chief, Glendale Critic out of a Gold Dust Jim 2d sow; Sure Winner, out of a Red Knight sow; two litters by Belle's Model, (a son of Red Chief I Am and out of Nebraska Belle) and one of these litters is out of a daughter of Proud Advance; Que litter by Perfection Chief, the Iowa State Fair winner, and last, but by no means least, a litter of seven Ohio Chiefs out of the splendid brood sow, Pottawattamie Belle. This sow was one of the greatest brood sows Mr. R. J. Harding ever owned, and he made a hatful of money out of her. He sold her in his last sale. Mr. Rankin bought her and she was a great find for him. There are four boars and three sows in this litter. The litter is extra good, and it looks as though he will have a couple of boars that the boys will want for herd headers. The wide awake breeder might do worse than to keep his eye on this litter of Ohio Chiefs, as there are some splendid boars and sows in the bunch. Model Lady, by Malcolm's Model and out of a Gold Dust Jim sow has a litter of seven by Ohio Chief. He has three sows to farrow yet to Ohio Chief. One of these is a daughter of Beatrice Queen, one is a daughter of the Iowa State Fair sweepstakes boar Gold Dust Jim, and another is a daughter of Gold Dust Jim 2d. Just now, however, Mr. Rankin is wanting to sell these fall and the yearling Ohio Chief boars. He has some good ones and they can be bought right. Write him at once or go and see them. Kindly mention this paper when writing.

SEVEN YEARLING ABERDEEN ANGUS BULLS FOR SALE.

That well-known breeder of Aberdeen Angus cattle, Mr. E. C. Fussell, of Fayette, Iowa, is offering at the present time seven very choice yearling Aberdeen Angus bulls from ten to fourteen months old, principally beyond the yearling age. They are every one sired by that splendid herd bull, Major Midnight 77269. This is a Queen Mother bull, sired by Imp. Prilleno 80280. Prilleno was sired by Proud Duke of Ballindalloch and he by Prince Inca, he by Illad, while Prilleno's dam, Ellene, was also by Prince Illad. Major Midnight has for his dam the great show cow, Queen Midnight 2d, by Trooper, and out of Queen Midnight by Tanzey, a son of Ermine Bearer and he, of course, was by young Viscount. We must say that during our acquaintance with Mr. Fussell's herd he has never owned so good a herd bull as Major Midnight. He is also a show bull of no mean proportions, having already been a winner at the local county fairs, contesting with some grand good bulls of his own breed, as well as showing in sweepstakes with splendid bulls of other deep breeds. Major Midnight has a beautiful head, chock full of breed character and masculinity to spare. His beautiful crest, bulging neck vein, smooth and evenly-laid shoulder, coupled with the extreme general smoothness and proper contour that go to make up the typical doddie, all serve to place Major Midnight in that high position among the upper class of strictly first-class Aberdeen Angus sires. Any farmer or breeder that is desirous of securing a strictly first-class individual Angus bull should lose no time in making a trip to Fayette and making a selection from among this nice bunch of youngsters. Mr. Fussell's herd, in a general way has been greatly improved during the past three years. The weeding-out process has been gradually going on, and in addition to this, numerous purchases of first-class animals have been added to the herd, until it now assumes the proportions and role of one among the best herds of northern Iowa. For particulars concerning any one of these young bulls, address Mr. E. C. Fussell, at Fayette, Fayette county, Iowa. His farm is only one mile from town, with telephone connection. Visitors will be cheerfully met, conveyed to and from the farm and entertained in a royal manner. We speak this from our own standpoint, as Mr. Fussell is a very modest man and probably would not like to say the above out loud. Nevertheless every visitor can rest assured of proper and courteous treatment, as well as being treated to a splendid Aberdeen Angus show. His new announcement appears on page 27.

ROGERS OFFERS SHOW HERD IN OMAHA SALE, JUNE 14TH.

In a recent letter from Mr. W. N. Rogers, we are informed that in the sale he is to make on June 14th, at South Omaha, he will offer one of his entire show herds and among them are individuals that have a right to win in the greatest shows in America. This herd will consist of a cow, two-year-old heifer, yearling heifer and heifer calf. The bull that is heading this great herd is Beau of Shadeland 20th, a full brother to Beau of Shadeland 13th, the great prize-winning calf of 1904 which sold in one of Mr. Rogers' former sales at South Omaha for \$880. He was surely the great calf of 1904 as his winnings here shown will tell. He won at the Kansas Exposition, Topeka, 1904, first in Junior class and stood at the head of first prize young herd, also first as get of sire and produce of cow. At the Kansas State Fair, Hutchinson, 1904, he was first in class, headed first prize young herd, and was sweepstakes get of sire and produce of cow. At the Sioux City Interstate Fair, 1904, he was second in class, first at head of first prize young herd and sweepstakes get of sire and produce of cow. The same year he headed the first prize young herd at Lincoln, Neb., and was first prize calf at the Colorado State Fair, at Pueblo, where he also stood at the head of the first prize young herd and took sweepstakes get of sire and produce of cow. Surely this is a great record for a calf; with proper treatment he should be able to win many more prizes in the two-year-old classes. Although Beau of Shadeland 13th was a great winner, his brother that is included in this sale is conceded by very competent judges to be just as good a calf. He will weigh right at a ton by fair time and anyone looking for a great prospect in his class cannot afford to miss this sale. The show cow that is included in this herd is Monarch's Maid 1st, a cow of great scale, weighing right at 1,800 pounds, and we consider her one of the best things that will go through any sale ring

**Table Backed Herefords**  
THIRTY-THREE bulls from 12 to 28 months old. Five of them are herd headers. Prices about half what you would have to pay for the same individually and breeding from others. Try me. W. W. Wheeler, Box H, Harlan, Ia.

**MAPLE LAWN HEREFORDS**  
FOR sale, (Imp.) Islain 145736, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals. A. F. HAGER, AVOCA, IOWA.

**40 Choice Hereford Bulls**  
**40 Choice Bred Heifers**  
RANGING in age from twelve months to two years. All sired by prize-winners. EDMONDS, SHADE & CO., Kingsley, Iowa

**BERKSHIRE HOGS.**  
**1907 Crop of Berkshires at Chapel Hill.**

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address, W. D. McTavish, Coggon, Iowa

**TOO LATE TO CLASSIFY.**  
**FOR SALE**

MY Scotch herd bull, Secret Prince, No. 24863. He is a low-down, blocky bull with a good red color. Price right. W. R. Winder, Ireton, Iowa.

**WANTED**  
A GOOD industrious farm hand. Steady employment and good wages. No bunnies need apply. Address U. G. Davidson, Manson, Ia.

this year. She is a daughter of old Monarch of Shadeland 3d, by Anxiety Monarch, and having for her dam Wiltona Vincent by Vincent 2d. She is as richly bred as is generally found and as an individual is hard to beat. The two-year-old heifer is Shadeland's Maid 33d, a heifer that will make 1,600 pounds at fair time and she is a full sister to Shadeland's Maid 25th, that was the grand champion cow at the Denver Show last January and a third prize winner as a calf. The yearling heifer Shadeland's Maid 36th, should weigh 1,300 pounds at fair time and a heifer that is sure to make a great showing as a two-year-old with anything like the proper care. The heifer calf that is included is one of the most promising that Mr. Rogers has ever offered in any of his previous sales and it is surely with much regret that he parts with her. Her dam, Monarch's Maid 1st, was a blue ribbon winner as a calf and will be a very prospective show animal for this fall. Taking this great lot of show cattle together we consider it one of the best offerings that has ever been made in the West in late years and anyone wanting a full show herd or one extra good animal to fill his own show herd will find this a great place to find what you want. Four of them are the get of the great show bull, Beau Donald 28th, the great sweepstakes winner and sire of prize winners. It is an offering that should attract attention of the best buyers in the land. Write them for catalog and mention this paper.

THE MARKETS.

Chicago, June 1.—Chicago Stock Yards movement of live stock, to-day's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., May 25..	442	33	22,063	2,687
Mon., May 27..	24,413	869	47,623	14,891
Tues., May 28..	1,975	6,102	16,236	11,751
Wed., May 29..	15,771	2,736	29,053	19,983
Thur., May 30..	4,409	2,041	13,578	9,507
Fri., May 31..	2,469	343	12,054	5,576
Sat., June 1..	300	10	9,000	4,000

Tot. this w.k. 49,337 12,101 127,544 65,708  
Prev. w.k. 30,580 13,461 164,287 56,070  
Cor. w.k '06. 50,220 10,269 156,816 77,961

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., May 25..	373	6	4,270	1,611
Mon., May 27..	8,077	341	2,441	687
Tues., May 28..	3,467	12	3,968	2,518
Wed., May 29..	4,443	115	2,764	1,881
Thur., May 30..	2,934	54	1,660	1,225
Fri., May 31..	3,330	500	2,500	200
Sat., June 1..	500			

Tot. this w.k. 22,751 528 21,091 8,125  
Prev. w.k. 27,656 328 25,982 7,780  
Cor. w.k '06. 22,237 64 24,862 11,508

OTHER MARKETS.

Sioux City, Ia., June 1.—Hogs—Receipts, 7,600; weak to 5c lower; range, \$6.00 @ 6.10; bulk, \$6.02½ @ 6.07½. Cattle—Receipts, 400; strong.

St. Joseph, Mo., June 1.—Cattle—Receipts, 1,100; steady. Hogs—Receipts, 8,000; weak to 5c lower; top, \$6.30; bulk, \$6.17½ @ 6.25. Sheep—Receipts, 1,000; strong.

Kansas City, Mo., June 1.—Cattle—Receipts, 1,000; firm; top, \$5.75. Hogs—Receipts, 5,000; steady to a shade lower; top, \$6.30; bulk, \$6.20 @ 6.30. Sheep—Receipts, 400; steady.

National Stock Yards, Ill., June 1.—Cattle—Receipts, 600, including 500 Texas; market active and steady. Hogs—Receipts, 3,500; steady; top, \$6.40; bulk, \$6.30 @ 6.35. Sheep—Receipts, 800; steady.

South Omaha, Neb., June 1.—Cattle—Receipts, 1,000, mostly through; market unchanged. Hogs—Receipts, 6,700; stronger and closed weak; top, \$6.20; bulk, \$6.05 @ 6.15. Sheep—Receipts, 1,000; steady.

South St. Paul, Minn., June 1.—Hogs—Receipts, 4,200; steady; \$5.90 @ 6.12½.

# JUNE Short-horn SALE

A. H. BRETT, MASON CITY, IOWA.

Includes 50 females, Scotch topped, straight Scotch and imported, Imp. Likely and Imp. Roan Ribbon included. A dozen nice two-year-olds are in the bunch. Every female is bred to Scotch bulls. 10 bulls of serviceable age, will bear the inspection of bull buyers. The present herd bull is Imp. Merry Hampton.

SALE DATE--JUNE 27TH

Before or after the cattle sale four registered draft mares, three of which are Clydesdale and one Percheron, will be sold. One two-year-old Clydesdale stallion is also included. Mares are bred to a good stallion. Write for catalog, mentioning The Homestead. All stock in nice thrifty condition.

A. H. BRETT, MASON CITY, IA.  
A. P. MASON, AUCTIONEER.

HEREFORD CATTLE.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

John Secor, - Mechanicsville, Iowa

**TWENTY-FIVE** Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cudline, Archibald and Heslod cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once. A. SPOONER, MONDAMIN, IA.

**KATER & SMITH,** ST. ELMO 13th 72074, KEEP ON 23d 125151 AND Grant City, Mo. TROT ON 181064 HEAD HERD. 20 Bulls aged 20 to 24 mos. 20 Hubs just turning 1 yr. A finer string of range bulls cannot be found. Some herd bull material will be found among these. Come and see them as they are right every way. Visitors met at Grant City on C., B. & Q., or Sheridan on C. G. W.

## YOUNG HEREFORD BULLS FOR SALE

RANGING in age from 6 to 20 months, all bred in the best blood of Anxiety 4th, and out of daughters of and granddaughters of Beau Brummel, Dale 3d and other noted bulls. We will also sell a few choice heifers, bred to St. Elmo of Shadeland 17th, weight 2,280 pounds. Write or come and see us. Address, HOOD & BAKER, DUNLAP, IOWA.

JERSEY CATTLE.

**JERSEY CATTLE.** HUNTER & SMITH, BEATRICE, NEB.  
EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers.

LARGE YORKSHIRE HOGS.

## LARGE YORKSHIRES, the Bacon Hog. BREEDING STOCK FOR SALE AT ALL TIMES.

Fairs and fairs, not akin. My Foundation herd was selected in Canada of the best breeders by me personally. There is no breed of hogs in existence to-day that makes better mothers and can raise more pigs in a litter. Try this breed if you want to make money. Write for prices.

F. RABELER, LEIGH, NEBRASKA.

POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

BULLS all sold large enough for service. Oct. 30 we will sell forty heifers and fifteen bulls, as good a lot of Polled Durhams as ever went through a sale ring. Forty head of them sired by Marshal of Orange, one of the good polled bulls. James Wilson & Sons, Avoca, Iowa.

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# DISPERSION SALE OF THE ENTIRE HERD OF ABERDEEN ANGUS CATTLE

Belonging to H. A. Cole at Iowa State Fair Grounds, Des Moines, Iowa, June 18, 1907.

THERE will be 65 head in the sale. Among these will be 18 bulls, including my herd bull Imp. Electrician, a richly bred Erica bull, weighing 2,200 lbs. The rest will be two-year-old bulls. There will be 47 head of cows and heifers in the sale, 15 of which will have calf at foot. Among these are several imported cows of the Pride, Queen Mother and Drumm Lucy families. There is also an excellent representation of Ericas, Blackbirds, Barbaras, Heatherblooms, Easter Tulloch Duchesses, Georgianas, Kinachtry Blue Belles, Rose of Sheen and Lady Fern families. There never was a better opportunity offered to buy good Angus cattle, as we only bought the best for foundation stock. There will be a splendid lot of young heifers in the sale and some excellent young bulls. A change in business and having sold my farm necessitates my disposing of the herd. If you want to buy Angus cattle here will be the greatest opportunity of the year to buy right. Write me for catalog at once. Address,

**H. A. COLE, 3211 S. WESTERN AVE., CHICAGO, ILLINOIS.**

COLS. F. M. WOODS AND IGO, AUCTIONEERS.



## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Doodles within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42088 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Hornedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PLEASANT GROVE HERD OF ABERDEEN ANGUS CATTLE

175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aberlour 41201 Lowlander 21880, Newton Hero 46160 and Nugget of Cottage Grove 20th 68671. We can ship F. O. B. on the following roads: C. R. I. & P.; C. N. W.; C. M. St. P.; I. C.; C. & G. W. Address: DUNNING, JOHNSON & ALLEN GREEN, IOWA

## PARADISE STOCK FARM

### OFFERS

PRIDE'S ALBION 5th 53114, their double Pride herd bull, cash, or will exchange as we have so many of his get we can not use him longer. He breeds good, fine disposition, weighs 2,200. Also other bulls priced low for the quality. Berkshire ewine fashionably bred. Booking orders for fall. Write for catalog to W. F. ECKLES, GREEN CITY, MO.

## High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird, besides several younger ones. These are herd leaders. Address, W. H. JONES, QUIMBY, IA.

When writing to advertisers please mention this paper.

## CHESTER WHITE HOGS.

## MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices. ERNEST L. MEAR, NEPONSET, ILLINOIS.

## BLUFF ROAD CHESTER WHITES

I AM offering for sale at reasonable prices The Winner 13765, an Illinois State Fair winner, and Perfection 16419, two of my herd boars. 15 fall and winter boars at prices that will move them. Am booking orders for spring pigs from prize winning ancestry. Write for particulars. D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.

## MODELER 13235

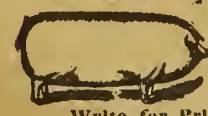
The sensational record breaker of 1906 at head of herd.

FOR SALE. Ten choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. & Sept. farrow. Ten extra good fall boars litter mates to above gilts, guaranteed as represented. Illustrated catalog free. W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA.



STRONG LOT OF CHESTER WHITES & O. I. C. HOGS. We have one of the best lots of pigs ever raised by our firm. We are making good prices on the get of Norway Chief and other boars used. Our past season's business was very good. We intend to make a better offering than in the past. All boars are eligible to record in the O. I. C. Association. Write for our prices on the get of Col. Cody, Crescent King, Keller and Perfection. FISHER-LIVE STOCK CO., P. O. BOX X, HASTINGS, NEB.

## James Fisher, Eastman, Wisconsin.



Write for Prices and Catalog.

J. J. LEHR, Ransom, Ill., is offering 6 Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. it, eggs, \$1.50 per 15. Mention Homestead.

HOMER OF THE BIG WHITE HOG. 85 SPRING pigs on hand to supply the season's trade. I am booking orders for spring pigs sired by Teddy R., 1st prize hog in class at Nebraska State Fair. I breed for size and quality. Write me your wants and mention The Homestead. F. C. Tatro, Genov, Nebraska.

CHESTER WHITES 100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Aug. and Sept. gilts; very growthy and to farrow in August. Prices reasonable. MAPLELAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

CHOICE YOUNG STOCK O. I. C. Swine. Both sexes. Good shipping facilities. Write your wants. Visitors always welcome at Pleasant View Stock Farm. One mile out. H. C. Mehling, Manson, Iowa

## 100 CHESTER WHITE March Pigs and More Coming

QULLED by such noted boars as Pioneer, Neponset, Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

E. L. NAGLE & SON.

Deep River, Iowa

## Iowa Herd Chester White Swine

GOLD out of 1906 crop. Now booking orders for spring farrow. Send your order early and get the best. GEO. H. LAWSE, R. R. No. 3, Harlan, Iowa

## IMPROVED CHESTER WHITE SWINE.

AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 15223, a grandson of Laverne King 12757, heads the herd. Address, John H. Krehbiel, Donnellson, Iowa

CAMERON HERD O. I. C'S. 150 HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L. 19070, a grandson of Sweetstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock. W. B. Porter, Cameron, Mo.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Seaff, Salem, Iowa.

## POLAND CHINA HOGS.

### 10 GREAT

## POLAND CHINA SOWS

### ...OF THE LARGE TYPE FOR SALE...

From one to four years old and weighing from 400 to 750 pounds. Mostly all safe in pig to my herd boar, B's Dude 91429, the massive son of Nemo L's Dude, weighing 800 pounds.

THESE ten sows represent part of my foundation stock, from some of the best herds in Iowa, purchased at long prices and the big, deep, long kind, all farrowing large litters this spring, and to one wishing to establish a new herd or replenish the one he now maintains, the opportunity never was better. Write for their breeding, which I have not room here to display. Will sell reasonably or trade for pair of good registered mares. This advertisement will not appear again.

W. H. COOPER, HEDRICK, IOWA.

## MEDDLER FALL BOARS AT BARGAIN PRICES

OUT of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. MUST BE SOLD to make room for show herd and spring pigs now on hand.

H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA

Mention The Homestead.

## TWO YEARLING MEDDLER BOARS

FOR SALE. Sired by the great sweetstakes wonder Meddler 09999. Also sons by Perfection I Know 38192, and a few fall boars sired by our Dude's Wonder 42564 and Happy Medium 31334. Also booking orders for spring pigs sired by our great herd boar L. & W. Perfection and Independence 3d. Dude's Wonder and Perfection L. & W. Address, WM. RAY & SON, DEFIANCE, IOWA.

## BEATRICE HERD OF POLAND CHINAS

HERD headed by Norway Chief by Johnson's Chief. I have a number of good fall boars that are prospective herd leaders. Will price them worth the money if taken at once. Write me and mention this paper. CHAS. LEWIS, BEATRICE, NEB.

## 10 SPLENDID FALL POLAND CHINA BOARS FOR SALE

I AM offering 10 of the tops, the best I have ever raised. These are big boned fellows, are sired by Red Oak Sunshine 104637, and are out of my best sows. I am also offering 10 fall sows for sale, bred to my noted boar P. W. Giant. I am offering the choice of these boars for \$30 and \$40. Address E. W. McIntyre, Red Oak, Iowa.

### POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

### POLAND CHINA FALL BOARS FOR SALE

I HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd leaders. I will also offer my herd boar Neb. E. L., he by Perfection E. L. He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead. E. F. Jackson, Raymond, Neb.

### HORNUNG'S BIG BONED POLAND CHINAS

I HAVE 75 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd leaders. I will book your order for a good one at once if you want your pick. Nothing but the very best will be shipped. Write me and mention The Homestead. ERNEST HORNUNG, RAYMOND, NEB.

### ELERBECK'S POLAND CHINAS

HERD headed by Logan B., a hog of great size and bone. I breed for size and quality combined. 75 good pigs on hand to supply the season's trade. Get your order in early. When writing please mention this paper. J. T. Elerbeck, Beatrice, Neb.

## ABERDEEN ANGUS CATTLE.

### 7 YEARLING ABERDEEN ANGUS BULLS FOR SALE

FROM Willow Grove Farm, one mile southeast of Fayette, Ia. The above bulls are the best that I have ever bred. They are all out of heavy milking dams and sired by the Queen Mother bull, Major Midnight 17269. These bulls are priced at farmers' prices, and there is show yard material among them. Mention Homestead when writing. E. O. FUSSELL, Owner, FAYETTE, IA.

### POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, J. L. SLICK, LANARK, ILL.

Twenty years a breeder.

### BIG-BONED PROLIFIC POLAND CHINAS

I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me book your order for a good pig. H. L. McKelvie, Fairfield, Neb.

### STANDARD HERD of Poland Chinas.

I HAVE a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo L's Dude. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

### WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

### 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blandinsville, Illinois.

When writing to advertisers please mention this paper.



# ..... SALE OF ..... SHORT-HORN CATTLE

On June 19th, at my Farm 4 miles South of Vinton, Ia.

I will sell 47 head of Short-horn cattle, consisting of

## 47 34 FEMALES AND 13 BULLS 47

Fully twelve or 15 calves will be sold with dams. My Scotch herd bull, Prince Royal, will be included in the sale. About half the offering is sired by Prince Royal and those sired by him are bred to the Scotch bull, Scottish Fancy. Note the following pedigrees:

### PRINCE ROYAL 175494.

Dark red, calved October 19, 1900. Owned by Mr. N. P. Halgren.

Dams. Sires. Breeders.  
Got by Imp. Prince Odeic 136398 ..... W. S. Marr  
Sunnyside ..... Sir Charming 2d 123972 ..... C. C. Norton  
Dellacy ..... Imp. Ducal Crown 97149 ..... A. Cruickshank  
Imp. Daybreak 4th ..... Lorne (45178) ..... J. Wilson

### SCOTTISH FANCY 278303

Red; calved Dec. 14, 1905. Bred by A. L. Ames, Buckingham, Iowa.

Dams. Sires. Breeders.  
Got by Royal Rosewood 173629 ..... Thompson & Sons  
Imp. Louise 2d ..... Golden Fancy 234248 ..... J. Black  
Imp. Louise ..... Watchman 144676 ..... J. D. Fletcher  
Lily 2d ..... Gladiator (62650) ..... M. S. E. Macrae

### ROYAL PRIDE 278302

Red, calved Nov. 20, 1906. Bred by A. L. Ames, Buckingham, Iowa.

Dams. Sires. Breeders.  
Got by Royal Banner 164584 ..... Owens Bros.  
Imp. Louise 2d ..... Golden Fancy 234248 ..... J. Black  
Imp. Louise ..... Watchman 144676 ..... J. D. Fletcher

### IMP. LOUISE 2d.

Red, calved Jan. 1, 1903.

Dams. Sires. Breeders.  
Got by Golden Fancy 234248 ..... J. Black  
Watchman 144676 ..... J. D. Fletcher Imp. Louise

This will be a splendid opportunity to buy practical, useful Short-horns. There will be some Scotch cattle included in the sale, among which will be Imp. Louise 2d, the Butterfly cow, Royal Lassie and the Cruickshank herd bull, Prince Royal 175494 and Royal Pride 278302. The first named is a Miss Ramsden and the last is a Cruickshank Jessie or Louise. These cattle are in the pink of breeding condition, but are not overladen with fat. Vinton is on both lines of the Rock Island road. Parties coming on the Milwaukee should leave the train at New hall. Free conveyance to the sale.

### N. P. HALGREN, Owner

Auctioneers: Cols. Carey M. Jones, J. W. Hite and David Wilson  
Write at once for catalog, mentioning Homestead.

## A PARTIAL DISPERSION

— OF THE —

Thomas, Jameson and Mitchel.

HERD OF

# SHORT-HORNS

In Sale Pavilion, at Kansas City, Mo.,

Thursday, June 13, '07.

## 50

HEAD. 30 straight Cruickshank and Scotch; also the famous Barrister Young Marys.

45 Cows and two year old heifers, all in calf to or with calves at foot by our great herd bulls. Orange Viscount or White Goods.

## 50

Attention is called to the following great brood cows: Duchess of Gloster 45th, and bull calf by White Goods; 47th Duchess of Gloster, a show heifer that has always stood first or second in the big shows; Imp. Bessie 51st, bred by Mr. Marr. She is the dam of White Goods; Sunbeam, a Secret, with bull calf by White Goods; Rose of Strathleven and heifer calf by Orange Viscount; this is one of the greatest cows of the breed; Cowslip's Pride, a Clipper, with show heifer by White Goods; Gratitude 2d, a Brawith Bud, with bull calf by White Goods; Lavender Bud, with bull calf by White Goods; she is the dam of our 1905 and 1906 show heifer. Ten two-year-old daughters of Orange Viscount all alike, and all in calf to the show bull White Goods. Such a fine of pure Cruickshank and Scotch cattle have not been offered in recent years if ever in a single sale in America. The famous Barrister Young Marys, all of one type will be found as great a lot of square framed, thick-fleshed cattle as are often found.

### 5 - BULLS - 5

Our herd bulls, Orange Viscount, a straight Cruickshank Orange Blossom bull, got by the Champion Lavender Viscount, and White Goods got by the champion Choice Goods and out of Imp. Bessie 51st, by Sittytton Pride are included. Two such herd bulls will not soon again be exposed at public treaty. The others are desirable young Scotch hulls, just of serviceable ages. Write today for illustrated catalog which gives complete information mentioning this paper.

### S. D. MITCHELL, MGR.,

ALLEN, - - - KANSAS.

Auctioneers, Col. Bellows and others.

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### AMERICAN COLLEGE OF AUCTIONEERING AND LIVE STOCK JUDGING, VOICE CULTURE AND ORATORY.

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LIVE STOCK AUCTIONEER,  
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IN SELLING for the best breeders in several states; have made sales in eleven states in past five years. Terms reasonable. Write or wire.

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GRADUATES now selling in almost every state in the Union. Experienced instructors in every department. Next term opens soon. Free catalog.

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### FRED REPPERT, DECATUR, IND.

Live Stock Auctioneer.

AM selling for the best breeders in the United States at the most reasonable prices. My large sale tent free to parties desiring it. Speak English, German, Swiss and Low German. Phones—Office, 430; residence, 312

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Graduates selling in 10 States. Where Students sell all kinds of property in our big sale yard. Live stock judging, voice culture and oratory.

Next term opens Aug. 5th. All branches taught.  
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#### LIVE STOCK AUCTIONEERS.

### W. S. KARNAGHAN, AUCTIONEER

PEDIGREE live stock. Duroc Jersey and Poland China a specialty. Fifteen years a breeder and salesman. Write me before claiming dates.

382 Schuyler Ave., - Kankakee, Ill.

### J. P. SPEARMAN, PAPILLION, NEB. LIVE STOCK AUCTIONEER.

I am posted on pedigrees and want your sales of cattle, hogs or horses.

### C. C. KEIL, LADORA, IA. LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

### F. H. JACKSON, Rutland, Ill. LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

### C. E. LUTHER, GRAND JUNCTION, IOWA. LIVE STOCK AUCTIONEER.

Sales in six states. Terms reasonable.

### Geo. P. Bellows AUCTIONEER, MARYVILLE, MO.

A. V. LOCK, REMINGTON, INDIANA  
Live Stock Artist.  
Work satisfactory. Prices reasonable.

#### DUROC JERSEY HOGS.

185 DUROC Pigs—Feb. and Mar. farrow ready to ship. A limited number \$20 and \$25 per pair. Males not taken by Jack Orion 52275 and Int. Chief 52273. Send orders. I guarantee satisfaction. J. W. Briggs, Alden, Iowa.

TOP CHIEF 52177  
HEADS my herd, assisted by Perfection Again 52179. I am offering a good yearling boar for sale. Address S. L. Hopper, Neola, Iowa.

CHOICE, YOUNG DUROC JERSEY HOGS  
OF BOTH SEXES at reasonable prices. Address  
W. J. S. Taylor, Homestead, Iowa.

L. H. ROBERTS & SON, PATON, IOWA.  
CHOICE Duroc Jersey. Boars and sows all sold. Visitors welcome at all times.

MIDLAND Duroc stock all sold but when in need of breeding stock write me at Mason City, Iowa. S. J. Butts.

#### DUROC JERSEY HOGS.

### 25 Duroc Jersey Bred Gilts, 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erchen, Odell, Ill.

### Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K., Medoc, Forty Kings, Billy K. Jr., and Frank's Choice by Belle's Echo. Can give you good herd headers at prices to suit purchasers. Address, G. Van Patten, Sutton, Nebraska.

### Duroc Jersey Bred Sows For Sale.

I HAVE on hand at present a fine bunch of bred gilts which I will price right if taken at once. They represent the blood of such noted boars as Top Notcher, Echo King, Orion, and other noted boars of this breed. Write us at once for prices. Geo. L. Reed, Sumner, Nebraska.

### 6 Good Duroc Jersey Full Boars for Sale

I HAVE 6 extra good full boars that I will price right if taken at once. They are sired by such boars as Fancy Crimson Wonder and Crimson Wonder's Brother. Write me for prices and description. We will also breed a limited number of sows to Lincoln Wonder by Ohio Chief at \$100 each. W. A. KIRK, PATRICK, Lincoln, Neb. A. WILSON, BETHANY, NEB.

### EVERGREEN STOCK FARM DUROCS.

100 GOOD pigs on hand. Herd represents best blood known to the breed. I am booking orders for spring pigs. Prices reasonable. Representation guaranteed. Mention Homestead when writing. W. H. Cummings & Son, Tecumseh, Neb.

### PLEASANT VIEW HERDS DUROC - JERSEYS

140 SPRING PIGS, sired by such noted boars as Junior Jim, American Royal, I. L. Advancer, Reisser's Tip Top Notcher and other sires. We have some good boar prospects. Write us. REISSER BROS., Sanborn, Iowa.

### DUROC JERSEY BRED SOWS

I AM OFFERING THREE SOWS FOR JULY farrow, and I am now booking orders for fall farrow. Only the best strains in my herd. AUSTIN RENSHAW, BLAIR, NEB.

### Three Ohio Chief Boars

for sale. Two fall boars and one yearling. Write me at once.

C. F. KIRK, Ponca, Nebraska.

### RUSSELL'S DUROC - JERSEYS

GLENDAL CHUTE, the greatest son of Crimson Wonder, at head of herd. Booking orders for fall delivery. 125 pigs to pick from. Address, E. Z. RUSSELL, BLAIR, NEB.

### Good Yearling Boar for Sale

E. K. Young & Son, Havelock, Neb. Offer a good yearling boar for sale at a very low figure. He is richly bred and deserves a place in some good herd. Write them and mention The Homestead.

DAYNE'S Duroc Jerseys, I have 2 extra good full boars; will price at a very reasonable figure if taken at once. Are bred right and good individuals. Write for prices and description. John O. Bayne, Anrora, Neb.

#### DUROC JERSEY HOGS.

### Crimson Wonder Again 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,

H. S. ALLEN, - - - RUSSELL, IA  
On main line C. B. & Q. R. R.

## Red Oak Herd

OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, phone, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. TROY & BROS. PROPS.,  
Rosehill, Mahaska Co., Iowa.

### SHORT-HORN CATTLE--DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wonder 44051, Fairview Col. 25603, out of choice sows. My prices always insure a sale. A few good Short-horn bulls for sale. JAMES T. DOLLISON, SAC CITY, IOWA.

### GREENDELL HERD DUROC JERSEYS:

THE most successful breeding of the day represented. A few choice gilts for sale. Correspondence and inspection invited. F. H. HERRING, Kalona, Iowa  
Shipping point Iowa City.

## Duroc

Bred sows that carry the blood of Gold Dust Jim, Impover 11, 2d Surprise, Red Chief 1. Am. Glendale Critic. Remember our guarantee. Dice & Garber, Beaver Crossing, Neb.

### C. M. Dewey, Shannon City, Ia.

FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Full boars by Proud Advance and Teddy II. Few sows bred to Ohio Chief II for summer farrow. Write or visit.

### HILLHURST HERD DUROC JERSEYS.

FALL BOARS for sale sired by Red Knight Agulu 43325, and yearling sows sired by Crimson Wonder 1 Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped. AUGUST VOGEL, PORTSMOUTH, IA.

### KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices. FRED KRASCHER & SON, MACON, ILL.

### FALL BOARS TO HEAD HERDS.

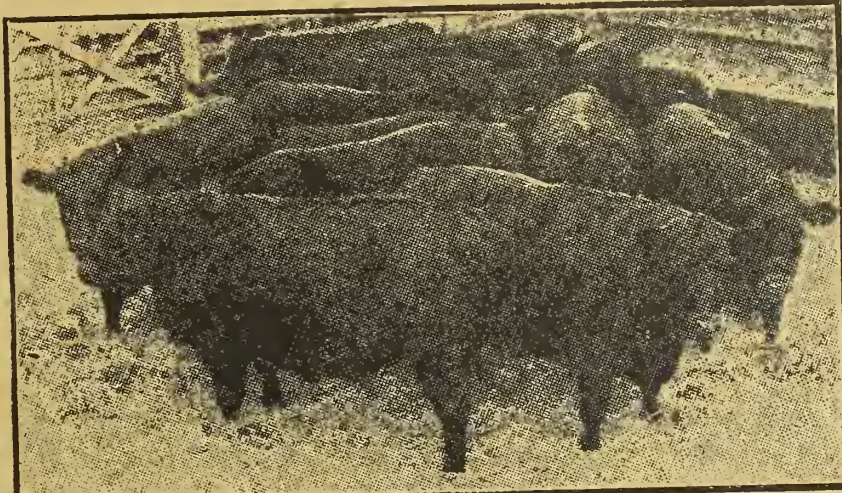
I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs. H. B. GRIFFITHS, Bowen, Ill.



# ADMINISTRATOR'S SALE OF THE GREAT ABERDEEN ANGUS HERD.....

The property of the estate of the late Hon. L. H. Herrick

ON THE  
FARM  
BLOOMINGTON,  
ILLINOIS.



Tuesday,  
Wednesday,  
Thursday,  
June 25-26-27

Following the instructions Mr. C. A. Ewing, administrator of the above estate, this entire famous herd numbering 253 head besides calves at foot will be auctioned. Thirty-seven bulls and 216 cows and heifers are cataloged, constituting the largest dispersion sale that has occurred in the history of the breed. They represent the blood with which Mr. Kerrick succeeded in producing more champion market topping steers than any other man and the blood which has given him the honor of having done more for American breeding interests than any man engaged in the business. The offering includes the great \$5,000 stock bull Imp. Lord Fretful, and numerous of his get and thirty other representatives of the same family; the Trojan-Erica bull Eric 9th of Keillor Park; the double Blackbird bull Black Boy of the Wells; the Blackbird topped Pride bull, Afton Jam; and other high class herd headers. It is a great list of females cataloged including members of the Blackbird, Erica, Pride, Lady Fanny, Queen Mother, Heather Bloom, Antelope, Mina, Pearl, Maid of Orleans and other noted strains all of which have produced animals of the excellent type for which the herd is famed. Purchasers to the amount of \$300 will have railroad fare refunded. The sale will be held on the farm some twelve miles south of Bloomington, and the catalog, which contains full information concerning how to reach the farm and interesting details concerning the herd and the auction, will be mailed on application to

W. C. McCAVOCK, SALE MANAGER,

SPRINGFIELD, ILLINOIS.

27 High-grade heifers will also be auctioned some time during the three days of the sale.

## DUROC JERSEY HOGS.

### BUDDY K. IV HIGHEST PRICED DUROC BOAR ...EVER SOLD AT AUCTION....

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

Mc NEIL, BROTHERS,

BOWEN, ILL.

### AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

We are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

### TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address,

FAGAN, BROWNING & McCABE,

HERSMAN, ILL.

### GOLDEN HERD DUROC JERSEYS.

HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,877.50. A few sows of late farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good.

L. E. Thomas, Golden, Illinois.

R. E. Hogsett, La Prairie, Illinois.

### PENNYRILE HERD OF DUROCS.

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address,

AMOS W. HARRIS & SONS,

WAVERLY, KY.

### THREE SPLENDID FALL BOARS

Sired by I Am a Wonder, a son of the sweepstakes boar Crimson Wonder I Am, and out of the \$1500 sow Ruberta. Come and see these if you want a herd header. Address,

F. E. Garrett,

Lohrville, Iowa.

### FALL BOARS AND YEARLING BULLS FOR SALE

I HAVE a number of good Duroc Jersey fall boars by Shamrock 20473 and out of a daughter of Gold Dust Jim and a granddaughter of Higgins' Model. They are very growthy, weighing 260 lbs. at 8 months old. I will also sell my herd boar Sensation Jr. I. Am 42833, a two year old son of the great Sensation Jr. 22481. I also have some extra good short horn and Hereford bulls that I will price right if taken at once. Write me for prices and mention this paper. W. G. UNITT, Bell Phone 133, SEWARD, NEB.

### Smith Brown's Duroc Jerseys

THESE are some of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN

Waterloo, Neb.

### GOLDEN QUEEN DUROCS

HEADED by Crimson Jim, a grandson of the great Crimson Wonder, assisted by Lincoln Top by Morrison's Belle Top. I will offer a few good gilts bred to Lincoln Top that are right in every respect. Write me and I will tell you all about them.

W. M. PUTMAN, TECUMSEH, NEB.

### NORTH BLUE DUROC JERSEYS

MY herd is headed by Echo Wilkes, the \$305 male pig. 120 pigs on hand, mostly of early farrow. I can supply your wants, be they large or small. Write me your wants and mention the Homestead.

Chas. Liebhurt,

Marquette, Neb.

### LAMB'S DUROC JERSEYS.

HERD headed by Purple Quality, a son of Crimson Wonder I Am, dam Orion Belle. I have a full brother to him for sale. A fine bunch of spring pigs on hand by the most prominent sires. Litters by Hanley, Ambition, Buddy L. by Buddy K. 4th. Book your order early. Elmer Lamb, Tecumseh, Neb.

### Village Stock Farm, Carlville, Ill.

HAS a few October boars. Will also take orders for spring pigs. Write your wants.

Cornor & Gilliland,

Carlville, Ill.

### SUTTON HERD OF DUROC JERSEYS

HERD headed by Brooklyn Boy by Keep On. I have 100 good pigs on hand and will book your order for one at any time. Write me and mention The Homestead.

CHAS. VAN PATTEN, SUTTON, NEB.

## DUROC JERSEY HOGS.

### FARMERS' HEADQUARTERS FOR GOOD DUROCS.

"MAPLE LAWN," Duroc-Jerseys are giving satisfaction in 23 states and territories. Herd established in 1883. Two fall boars of herd heading quality, and a splendid bunch of March pigs now ready for shipment. Buy now, get the best, and save express. Prices reasonable. Satisfaction guaranteed. Send for a free copy of THE DUROC JERSEY BREEDERS' POCKET MANUAL, (copyrighted). Publisher's price, 25 cents. Address,

C. H. SEARLE & SONS, R. F. D. 4,

EDGAR, NEBRASKA.

## DUROCS DUROCS DUROCS

OWNED by W. H. Heath, Vesta, Neb. Herd headed by Ed's Improver 43637, one of the greatest living sons of Improver II 13365. 125 good pigs on hand from most fashionable strains. Am booking orders for spring pigs. Write me for prices. Inspection invited. Mention Homestead when writing.

### WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come

WATT & FOUST

CEDARVILLE and XENIA OHIO

### WALNUT GROVE HERD DUROC JERSEYS

HOME of the \$1,575 Rose Bid Lady with her litter by Medoc, a son of the \$8,000 Kant Be Beat. The \$600 Queen, a daughter of the great brood sow, Beatrice Queen. Here is a great herd boar for somebody. I also have seven good fall Ohio Chief boars for sale. If you want an Ohio Chief boar write me at once. Address W. A. Rankin, Carson, Iowa.

H. G. WARREN,

INLAND, NEB.

### 8 High Class Ohio Chief Boars For Sale

I WILL sell my great yearling boar, Wonder's Ohio Chief, a son of Ohio Chief and out of Wonder's Queen, a daughter of the great brood sow, Beatrice Queen. Here is a great herd boar for somebody. I also have seven good fall Ohio Chief boars for sale. If you want an Ohio Chief boar write me at once. Address W. A. Rankin, Carson, Iowa.

### DUROC

FALL BOARS

THEY are good ones, got by Perfection Chief 23367, and Choice Goods 43677 a litter brother to W. L. A's Choice Goods. Write me if you want something good at a moderate price.

Geo. M. McMURRY,

MARYVILLE, MO.

### CLAREMONT

HOME of S. E.'s Model VIII and IX, Claremont Model, Proud Model and Proud Advancer. 250 pigs of spring crop. 7 fall boars for sale. Orders booked for future delivery. Address,

Weighton & Ashby,

Andubon, Iowa

### DUROCS 125 HEAD

MY HERD carry the blood of Gold Dust Jim; My Prond Advance; Improver II; 2d Surprise; Chief of Chiefs; Teddy R., Echo King; Royal Top Notcher. At farmers' prices.

F. A. KRUSE,

WACO, NEB.

### PANCAKE'S DUROCS

HERD headed by Kant's Top Notcher. One of the best sons of Kant be beat. 150 spring pigs representing most noted blood of the breed. Write for prices and descriptions, mentioning Homestead.

Ernest Pancake,

Ransom, Illinois

### WOLF CREEK HERD OF DUROC JERSEYS.

Plenty good, strong pigs at prices well worth the money. Breeding unexcelled. Write to T. J. Livingston, Hurdland, Neb.

### W. L. A.'s CHOICE GOODS

Heads Iowa Banner Herd of Durocs. HE carries the blood of the greatest boars known to the breed and is pronounced one of the really great breeding boars in all "Duroc-dom."

DANDY ORION 33879

An Orion-Long John boar assists him in the herd. Four fall boars and the finest string of spring stuff ever produced by us now on hand. Write or come and see the herd.

W. L. ADDY & SON,

PARNELL, MO.

### PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

### CARL HANSEN, HERMAN, NEB.

FOUR fall boars for sale at \$20 each. If you want a good boar, write to Carl Hansen, Herman, Neb.



# HEREFORDS AT AUCTION

AT SOUTH OMAHA, NEB., JUNE 14, '07, AT SALE PAVILION

40 CHOICE SELECTED ONES FROM THE WELL KNOWN HERDS 40

Claus Bros., Bendina, Kan. Ferd Friedly, Verdon, Neb. J. A. Broadfoot, Thayer, Ia., F. J. Beggs, Coin, Ia.  
W. N. Rogers, McCook, Neb. J. G. VonSeggern, Wisner, Neb. R. D. Morrasy, Dorchester, Neb.

Their offering will consist of choice breeding and good individuals. 21 Bulls and 19 Females. There are show bulls in this offering and females that have won in the strongest competition at Nebraska State Fair. A good chance for ranchmen and farmers to secure good bulls, and parties wanting show material will find it in this offering. Remember the date and don't fail to be on hand to get some of the good ones. For catalog, address.

Auctioneers: RAY PAGE  
O. I. PURDY  
T. C. CALLAHAN

W. N. ROGERS, Mgr., McCook, Neb.

## RED POLLED CATTLE.

### Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

### THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

### HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.  
OTHO BOYD, Virginia, Neb.

Joseph Kestel, John Schrotberger.

### Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

SHADY Lane herd of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. T. & P. Railway.

## POLLED DURHAM CATTLE.

### DOUBLE STANDARD

### Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-18982. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER,  
Kulona and Wellman, Iowa.

## GALLOWAY CATTLE.

### WE HAVE

### 5 Young Galloway Bulls

#### EXTRA GOOD, RECORDED.

Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks, cockerel or pullet mating, \$2.00 per 15.

W. W. SCHOLES, ONAWA, IOWA

## SHORT-HORN CATTLE.

### NORTON'S

### Cruickshank Herd Headers

I HAVE two excellent Duchesses of Gloster bulls, a very choice Bampton Rose, a Rosemary and several others, sired by Imp. Bampton Admiral and Banker's Victor. I also have some Secrets, Lavenders and Charity tribes. Come and see me.

C. C. NORTON, CORNING, IA.

### Lawndale Short-horns

SCOTCH and Scotch topped, the best families represented. Imp. Augustina 51st, Victorina, Emmas, Orange Blossoms and Alexandrinas, Young Marys. Scotch bulls old enough for service all sold. Some extra Scotch topped bulls for sale, will weigh about 1,000 pounds at year old, sired by the good Scotch bull, Victor Royal 216533. Will be sold right to make room for the young calves. Address George A. Bonewell, Grinnell, Iowa

### FAIRVIEW SHORT-HORNS

I HAVE for sale one three-year-old Cruickshank and one yearling Cruickshank topped by my great bull, Winfield Royal. These are beautiful red bulls and well enough bred to head any herd. Also a few Scotch-topped cows and heifers for sale.

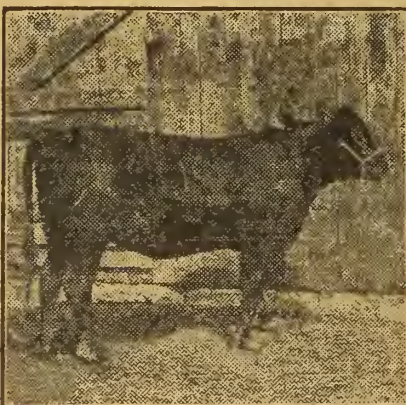
M. D. Yerd, Crawfordville, Iowa

### PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY PIGS. Twelve red Short-horn bulls for sale. Also, A. Hays, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

## GREAT COMBINATION SALE OF

# RED POLLED CATTLE



W. H. LAKE,  
Hampton, Neb.

To be held at the W. H. Lake farm

Hampton, Neb., June 12, 1907

42 HEAD

OF RICHLY BRED RED POLLS CONSIGNED BY TWO OF NEBRASKA'S OLDEST BREEDERS

AMONG them are young bulls good enough to head the best of herds. The cows and heifers are the best selections from our herds and those not with calf at foot are bred and safe in calf to as good bulls as are known to this great breed. Write for catalog and arrange to be with us at the sale.

CALLAHAN, AUCT.

H. F. STUBBS,  
Bradshaw, Neb.

## SHORT-HORN CATTLE.

### Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Musk and Hopelini Knight. Bulls for sale at all times.

G. H. BURGE, - MT. VERNON, IOWA.

### WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

### Marshal Favorite For Sale

CITIED by Imp. Fashion Favorite 149550, dam Imp. S Jilted Maid. Will be two years old in December. Red in color and a good young bull. Also a few young bulls for sale. Address, J. D. McDERMOTT, WIOTA, IA.

Wanton Grove Short-horns & Poland Chinas (CLEAR The War 231482, winner 1st in 2-yr-old class and 1st as fa. Chalm., Ia. State fair, '06 heads herd. Herd boars Defender 98447, by Corrector 63379, one of the greatest sires known to the breed, and Billy Snuddy 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

G. H. George, Monticello, Ill., breeder of Scotch Cattle. Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull itingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scottish Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

### 4 SCOTCH BULLS

Three straight Cruickshank. These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWES & SON, Harlan, Iowa

### QUEEN MILLS HERD SHORT-HORNS.

HAMPTON'S COUNSELOR 261533. ONE of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address, G. H. WHITE, EMERSON, IOWA

### BACH GROVE STOCK FARM.

F. M. ZENOR, WOOLSTOCK, IOWA

Breeder of Short-Horn Cattle. Families represented: Princess Royal, Duchess of Gloster, Myale, Roan Bess, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804.

### SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

## SHORT-HORN CATTLE.

# CRUICKSHANK ....Herd Bulls....

FIVE Top Notchers, four reds and one dark roan, one Lavender, one Victoria, one Dorothy, one Mary Anne and one Spleenwort or Secret. These bulls will compare favorably with the best. If you have any doubt, say, just come and we will take pleasure in showing you. We are from Missouri.

ISAAC A. NOVINGER & SONS,  
Kirksville, Adair Co., Missouri.

### Scotch and Scotch-Topped HEIFERS FOR SALE

At very reasonable prices to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

W. H. SCHAFER,  
KEENSBURG, - ILL.

### SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

# BULLS FOR SALE

HAVING decided to breed Holsteins exclusively, the Mt. Pleasant State Hospital is offering for sale two fine Short-horn bulls, both registered. One two, the other three years old last February. Prices reasonable. Address,

C. F. APPLEGATE, SUPT.

### TWO GOOD SHORT-HORN BULLS

FOR SALE at the Pike timber stock farm. Both red Scotch topped young Marys, one a yearling, the other nearly two years old.

T. A. DAVENPORT, BELMOND, IA.

## SHORT-HORN CATTLE.

### CATALOG

### Of Young Bulls For Sale Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, Iowa

# HUGHESDALE

### REAL DUAL SHORT-HORNS

HOME of Howard 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viewmont of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

## CRUICKSHANK

### Bulls and Heifers For Sale

WE have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two-year-old heifers of best Scotch tribes, mostly reds and all bred.

I. BARR & SON,  
Davenport, Iowa.

### FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs

AND BARRED PLYMOUTH ROCK CHICKENS. Good Individuals a Specialty.

Eggs from our excellent flock for sale at right prices. Hog sale in the fall.

Address C. E. McCOLLOUGH, HUMESTON, IA.

# SCOTCH BULLS FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Arcadius and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

# SCOTCH BULLS

### Got by

IMP. MUTINEER 172547.

MUTINEER is of Marr's Mistle tribe and was got by Bampton Chief and out of Imp. Mistle, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, Unionville, Mo.

### BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

N. A. LIND, Rolfe, Iowa

### SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 13 months old. Poland China Hogs. Jas. E. Stephenson, Albion, Iowa

Otter Creek Stock Farm.

### HERD BULLS.

### 3 Scotch Herd Bulls 3

AT MALAKA FARM.

Two Reds, One Roan. Rare Bargains.

H. D. PARSONS, NEWTON or BAXTER, IOWA

### BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. JESSE HINCHARD & SONS, Albion, Iowa, or Liscomb, Iowa.



## Dispersion Sale of Scotch and Scotch Topped SHORT-HORNS

ON JUNE 14th

at Farmersburg, Clayton County, Iowa,

I will disperse my entire herd of Scotch and Scotch topped Short-horn cattle, consisting of

**29 FEMALES AND 12 BULLS**

HERE will be 20 Scotch females and 6 Scotch bulls in the offering, among which are as good Scotch Short-horns as are to be found in America to-day. The cows are in calf to Imp. Great North 179848. This is the best lot of Scotch cattle ever offered in this section of Iowa. Farmersburg is on the Elkader branch of the Milwaukee system southwest of North McGregor, Ia. Parties from Illinois, Wisconsin and Iowa will find this a convenient point to reach by way of the Milwaukee system. Good judges pronounce much show material in this offering. All parties from the west coming the night before the sale should get off at Monona, where free livery will be in waiting the following morning for the sale. All others from the southeast and north get off at North McGregor and arrive at Farmersburg at 10 o'clock the morning of the sale. Send for catalog, now ready. Mention Homestead.

**H. H. DIERS, Proprietor.**

Auctioneers: Cols. F. M. Woods, R. W. Barclay and F. O. Cubbage.

SHORT-HORN CATTLE.

**ARDMORE SHORT-HORNS****VICTORIA'S PRIDE.**Red; calved September 9, 1905.  
Dams.

Sires.

Breeder.

Got by Imp. Scottish Pride 128543....Wm. Duthie  
 Victoria of Meadow Lawn 3d.....Victor Baron 127266....C. B. Dustin & Sons  
 Victoria Veech.....Favorite 56041.....Wm. Duthie  
 Imp. Victoria 13d.....Roan Gauntlet (35284)....A. Cruickshank  
 Victoria 58th.....Pride of the Isles (35072)....A. Cruickshank  
 Victoria 43d.....Champion of England (17526)....A. Cruickshank  
 Victoria 36th.....Baronet (15614)....A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

**ARDMORE STOCK CO., - HOLSTEIN, IOWA****9 Cruickshank****Short-horn Bulls**

For Sale

**S. H. THOMPSON'S SONS,**  
IOWA CITY, IOWA.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysle, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

**A SPLENDID LOT OF SHORT-HORN BULLS**

FOR SALE—Large, heavy-boned fellows, ranging in age from 18 months up. Sired by such bulls as Cumberland's Hero and Merry Marshall. Can sell one or can fill out a load. Address,  
**A. B. CLARK,** WAYNE, NEB.

**BULL BARGAINS**From The Jones County Herd of  
**SHORT-HORNS.**

10 CHOICE yearling bulls for sale at bargain prices. These bulls are by Sittyton Sort 17369. They must be sold to make room for our sale cattle to be sold at auction Oct. 24. Our herd bulls Sittyton Sort and Wampum of Wayside 24394 are conceded to be among the best Scotch bulls in the state.  
**G. P. Tyrrell & Son,** Oxford Junction, Iowa.

**WILDWOOD SHORT-HORNS**  
ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and Scotch-topped bulls from 10 to 20 months old, and females of all ages for sale at reasonable prices. Write,  
**W. W. VAUGHN,** Marion, Iowa

**CHOICE SHORT-HORN CATTLE FOR SALE.**

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, **J. H. MOYER,** Newton, Iowa

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

HORSES.

**MARES WANTED**

WANT 10 registered Percheron mares in foal; ages from 3 to 8 years old; sound. Weight from 1,500 lbs. to 1,800 lbs. Give lowest cash price. Address  
**H. Tucker,** Box 603, Mason City, Iowa.

**PERCHERONS FOR SALE.**

IMPORTED and home bred stallions and mares 1 to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10.  
**Mansfield & Wheeler,** Fairfield, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Buiks Wilson, CUSTON, IOWA.

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$800. Hart Bros., Osceola, Iowa.

HORSES.

**FRANK IAMS'**

"Peaches and Cream"



"Black Boys"

Largest pair of Stallions in U. S.

Sweepstakes Winners.

A Whole Horse Show

All of Iams' "Superb bunch" of "show stallions" are offered for sale. Dad, it's a "100 to 1" they are the "best ever." Get into "Iams' band wagon." All railroads lend to Iams' Importing Barns at 2 cents a mile, and Iams'

**SUMMER PRICES**

are pushing competitors "off the roof" hypnotizing buyers with "top notchers" at "LET-LIVE-PRICES." John, if you pay cash or bankable note you will buy a stallion of IAMS. IAMS' "SELLING CLOTHES" "FIT" "all the boys." He saves thousands of dollars to stallion buyers. He is not in the "STALLION TRUST." He places \$1,000 or \$1,500 Insurance.

**\$1,000 — SAVED AT IAMS — \$1,000**

Ikey! what a rich graft these "SLICK STALLION SALESMEN" are working on the honest farmer, selling fourth rate stallions at \$2,000 to \$5,000. Iams sells "top notchers" so good, big and cheap THAT THEY DO NOT NEED TO BE PEDDLED TO BE SOLD. Mr. Buyer, see Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S WORD." Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes his competitors "HOLLER." He is knocking "HIGH PRICES" out of the Xmas tree. Iams saws wood, "BUTTS IN," sells more stallions each year. He makes every statement good. George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those Ohio men \$4,000 for. Then I can wear the diamonds. Iams speaks the languages, buys direct from BREEDERS, pays no buyers, salesmen or interpreters, has no two to ten men to divide profits with. Iams guarantees to sell you a BETTER stallion at \$1,000 to \$1,500 (a few higher), than are sold to Stock Companies at \$2,500 to \$5,000 by SLICK SALESMEN, or pay you \$100 for your trouble, you the judge. Iams pays horse's freight and buyer's fare; gives 60 per cent breeding guarantee.

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 References: St. Paul State Bank, Citizens National Bank

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THE IOWA STATE COLLEGE is offering for sale 1 three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address:

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LORD TENNYSON 48208, 2,200 lbs., Iron gray, one of the best horses in the west; four years old; measurements: girth, 7 ft., 11 inches; 17½ hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address,  
**J. S. GOLDER,** SCRIBNER, NEB.

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, **Chumplin Bros., Clinton, Iowa**

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ONE Imp. German Coach stallion 7 years old and sound. Also one Percheron stallion 5 years old and sound, weighing over a ton, for a good piece of land in eastern N. or S. Dakota. These horses are absolutely all right and sure breeders. Address Harry Tucker, Zolhar Bldg., room 6, Box 603, Mason City, Ia.

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# OFFERING OF SCOTCH SHORT-HORNS

**EXTRAORDINARY**  
From Sinnissippi Farm, at Chicago, Ill.,  
**JUNE 11, 1907**

On June 11th I will sell 65 head, 4 bulls and 61 cows and heifers. All of breeding ages. Forty females have calves at foot, and all are bred to Ceremonious Archer, Cumberland's Last, or other noted bulls.

EVERY female is fit to grace any herd and every bull a herd header, including Cumberland's Last. Many of the best imported females from Aberdeenshire and the cream of America's best breeding establishments are to be found in this consignment. I am told that no breeder ever offered at one day's sale the equal of this selection (numbers considered). Every animal is of breeding age. It has been my ambition to sell an offering of Scotch cattle second to none. In parting with Cumberland's Last I am selling what I believe to be the best individual Short-horn bull I have ever seen. His calves are very promising. Every breeder and admirer of Short-horn cattle in America is earnestly invited to be with me at Chicago, Ill., June 11, 1907, to inspect these cattle.

## A FEW PEDIGREES

### Cumberland's Last 229822

White, of March 18, 1904. Bred by C. A. Saunders, Manilla, Iowa.  
Dams  
Sires  
Got by Cumberland 118578 ..... R. J. Johnston  
Imp. Lady Douglas ..... Lord Douglas 132003 ..... Wm. Duthie  
Lady Cromwell ..... Albion 95912 ..... W. S. Marr  
Miss Cromwell ..... Comet 96835 ..... J. Murray  
Lady Dalhousie ..... Cassius 96626 ..... Mr. Mackie  
Bella 3d ..... Nobility 99686 ..... Mr. Chalmers  
Missie ..... Banker 96033 ..... Mr. Longmore  
Bella ..... Coeur de Lion 2d 96786 ..... J. Milne  
Jessie ..... California 25830 ..... Mr. Hay  
Kate ..... Bang 64865 ..... Mr. Hay  
Rosa ..... Duplicate Duke (6952) ..... Mr. Whitaker  
Lady ..... Sir Thomas Fairfax (5196) ..... Mr. Whitaker  
Miss Ramsden ..... Duke (3630) ..... Sir J. Ramsden

### Lavender Archer 242432

Roan, of Jan. 4, 1905. Bred by Frank O. Lowden, Oregon, Ill.  
Dams  
Sires  
Got by Ceremonious Archer 17149 G. Harding & Son  
Lavinia 2d ..... Martinet 187766 ..... J. Miller & Son  
Imp. Lavinia ..... First Choice 107872 ..... S. Campbell  
Lavender 50th ..... Baron Violet 90446 ..... A. Cruickshank

### Gladstone 239313

Roan, of June 25, 1904. Bred by E. S. Kelly, Yellow Springs, Ohio.  
Dams  
Sires  
Got by White Hall Sultan 163573 ..... J. Deane Willis  
Mina Lavender ..... Lavender Jimmy 145005 ..... John Isaac  
Gipsy Maid ..... Golden Crown 119413 ..... S. Campbell  
Gipsy Queen ..... Gladstone 51801 ..... S. Campbell  
Imp. Minerva ..... Luminary 52566 ..... A. Cruickshank  
Mina 3d ..... Duke (28342) ..... S. Campbell

### Mary Gray (Imported)

Red, of May 6, 1901. Bred by Adam Gray, Little Pittman, Old Meldrum, Scotland.  
Dams  
Sires  
Got by Rosalie 180742 ..... W. Adams  
Lizzie ..... Superb 141553 ..... Wm. Duthie  
Helen 14th ..... Aristocrat 144597 ..... J. Johnston  
Helen 8th ..... Earl of Lethenty 132006 ..... E. Cruickshank  
Helen 5th ..... Marmaduke (43617) ..... Major Ramsay  
Helen 4th ..... Archbishop (27888) ..... A. Cruickshank  
Helen 2d ..... Garabach (47924) ..... N. Reid  
Helen ..... Romance (20701) ..... A. Cruickshank  
Empress ..... The Baron (13833) ..... R. Chaloner  
Eugenie ..... Matadore (11800) ..... W. Smith  
Elegance ..... Prince Edward Fairfax (9506) ..... A. Cruickshank  
Venus ..... Saturn (5089) ..... J. Simpson  
Dalrymald ..... Favorite (6997) ..... Bred in England

### Lena (Imported)

Red, of March 1, 1900. Bred by H. R. Macrea, Inverness, Scotland. Imported by John Isaac, Bomanton, Ontario.  
Dams  
Sires  
Got by Scotland's Fame 167040 ..... Wm. Duthie  
Loveletter ..... Mandarin 157933 ..... J. L. Reid  
Lovetock ..... Star of Underley 144843 ..... G. Inglis  
Lovelace 2d ..... Lord Chelmsford (45073) ..... J. Bruce  
Lovelace ..... Lord Forth (26649) ..... A. Cruickshank  
Early Morn ..... Earl of Aberdeen (12800) ..... Mr. Hay  
Topsy ..... Balmoral (9920) ..... A. Longmore  
The Scottish Maid ..... Seaford (9616) ..... A. Longmore  
Red Ribbon ..... Jacob (16306) ..... J. C. Grant Duff  
Derby ..... Satellite (1420) ..... Mr. Robertson

### Ballechin Charming Maid (Imported)

Roan, of January 18, 1901. Bred by A. Robertson, Ballechin, Scotland. Imported in 1903 by Brownale Farm, Minneapolis, Minn.  
Dams  
Sires  
Got by Macbeth 207128 ..... Lord Lovat  
Cherry Sweet ..... Mutineer 150049 ..... Wm. Duthie  
Cherry Ripe ..... Airy Monarch 151709 ..... W. S. Marr  
Cherry Blossom 2d ..... Dauntless 130855 ..... A. Cruickshank

### Clara Belle

Red roan, of Sept. 11, 1904. Bred by Tebo Land & Cattle Co., Clinton, Mo.  
Dams  
Sires  
Got by Choice Goods 136802 ..... James Durno  
Imp. Clara 58th ..... Golden Victor 140610 ..... J. Deane Willis  
Clara 53d ..... Captain of the Guard 132059 ..... A. Cruickshank  
Clara 42d ..... William of Orange 95786 ..... A. Cruickshank



### Village Sultana

White, of Sept. 21, 1904. Bred by E. S. Kelly, Yellow Springs, Ohio.  
Dams  
Sires  
Got by Whitehall Sultan 165673 ..... J. Deane Willis  
Imp. Scottish Maid ..... Scottish Fancy 157741 ..... W. S. Marr  
Village Maid 19th ..... Star 136639 ..... James Black  
Village Maid 16th ..... Royal Heir 100626 ..... W. S. Marr  
Village Maid 18th ..... Ventriloquist 78218 ..... A. Cruickshank

### Mario's Heiress Second

White, of Dec. 7, 1900. Bred by Bronson C. Ramsey, Buffalo, N. Y.  
Dams  
Sires  
Got by Scotch Victor 133330 ..... C. B. Dustin & Son  
Imp. Mario's Heiress ..... Marengo 141581 ..... Wm. Duthie  
Dainty Lass ..... Star of Morning 121243 ..... Wm. Duthie  
Marian ..... Mario 131994 ..... Wm. Duthie  
Dainty Lady ..... Actor 139994 ..... Wm. Duthie

### Lake Park Augusta

Roan, of Dec. 15, 1901. Bred by Thomas H. Canfield, Lake Park, Minn.  
Dams  
Sires  
Got by Imp. Count Amaranth 144608 ..... Wm. Duthie  
Imp. Augusta 99th ..... Waverly 136405 ..... A. Strachan  
Augusta 44th ..... Banduliae 149524 ..... J. Bruce  
Augusta 24th ..... Allison 132052 ..... G. Anderson  
Augusta 5th ..... Privy Seal 109647 ..... A. Cruickshank

### Anoka Broadhooks

Roan, of June 2, 1904. Bred by F. W. Harding, Waukesha, Wis.  
Dams  
Sires  
Got by Ceremonious Arch. 171479 G. W. Harding & Son  
Imp. Shenstone Princess ..... Bulwark 228401 ..... C. M. Cameron  
Imp. Twin Princess 9th ..... Idor 201627 ..... J. Bruce  
Twin Princess 7th ..... Lord Violet 144899 ..... Wm. Duthie  
Twin Princess ..... Duke of Beaufort 141833 ..... Earl of Dunmore  
Broadback ..... Highland Chief 150703 ..... J. Geddes  
Young Broadhooks ..... King's Seal 61390 ..... C. Bruce  
Broadhooks 10th ..... Champion of Eng'd (17527) ..... A. Cruickshank

### Duchess Fourth

Red, of March 9, 1903. Bred by C. E. Clarke, St. Cloud, Minn.  
Dams  
Sires  
Got by Bapton Ensign 172542 ..... J. Deane Willis  
Imp. Dalmeny Duchess 5th ..... Dictator 134586 ..... Wm. Duthie  
Dalmeny Duchess 2d ..... Sittytton Seal 149570 ..... Wm. Duthie

**F. O. LOWDEN,**  
THOS. STANTON, MANAGER.

**OREGON, ILLINOIS.**  
COLS. WOODS, BELLOWS, JONES AND GARDNER, AUCTIONEERS.





#### DISCARDING OLD SOWS.

An Iowa subscriber sends the following communication:

I was considerably interested in the contribution that recently appeared in your paper by Mr. Roth, and in your editorial remarks on his views. While it is true that the old sow, as a rule, will bring through a better litter of pigs than the young sow, at the same time it is not a fact that the young sow's litter is often more uniform than the pigs from the old sow? It is my experience that after the second or third litter the udder of a sow becomes more or less irregular. This may be the result of careless weaning of the pigs, but it happens nevertheless, even when considerable care is taken. I have had an old sow start off with eight or nine pigs and while she would bring some of them through in splendid shape, on the other hand she would have two or three runts at weaning time. This I attribute to the fact that some of the lobes of the udder were better milkers than others. In the case of a young sow you seldom find an instance of this kind. I think, all things considered, it is a good thing to discard a sow after she has raised two or three litters and substitute in her place the gilt, or so much the better if you have fall ewes; that is, sows that instead of being nine months old at breeding time are about fifteen months old.

The suggestion given here is perfectly in order, because it is true that the method of feeding before and immediately after farrowing time and the manner in which pigs are weaned frequently results in spoiling parts of the udder of a sow, and especially the heavy-milking aged sow.

The udder of a sow can be kept "evenly balanced" for years if she is not fed milk-making foods immediately before and after farrowing time so as to cake the udder, and in the second place if her ration is cut down and the pigs are weaned by the drying-up process. We have known instances where men, when pigs get eight, nine or ten weeks old, adopt the uniform practice of weaning them no matter what the condition of the sow may be. In some cases the pigs are turned away abruptly and never again turned to their dam, while others prefer tapering off and allowing the pigs to be turned to the sow a fewer number of times each succeeding day until the weaning is accomplished. However, as said before, the best way to wean pigs from a heavy-milking sow is to cut down her ration and let her dry up naturally. Under such circumstances there will be no spoiling of the different lobes of the udder, because the pigs themselves will prevent that. The very worst thing that can happen to an old sow is to allow one or two pigs out of a litter to gain access to her a few times after the weaning date. This is very apt to permanently injure parts of the udder. Where these precautions are taken there is no reason why a sow cannot be kept in splendid breeding condition for many years and be profitable until the end.

#### PROBLEMS IN HAY MAKING.

We have many times been amused by the fatherly advice given to farmers about hay making by men who never handled a forkful of hay and who had no knowledge whatever of the obstacles that are ordinarily met during the haying season. Because of the free propagation of such advice we feel diffident about offering suggestions on the subject. When haying weather prevails any man who has gumption enough to run a farm can make good hay, and when the weather is bad the most scientific hay-maker will be not only puzzled, but will sometimes make as much of a fizzle of curing hay as the most enterprising man.

As a general proposition we like to

get the hay under cover just as soon after it is cut as possible. It would be better for the hay in all probability if one has time to put it in the shock and allow it to cure there for from twenty-four to forty-eight hours, but under ordinary conditions where there is much hay to handle this method is not practicable today. By cutting in the afternoon and tedding the next morning just as soon as the dew is off, the hay in good weather will do to haul in the afternoon, and it pays to take it in rather than to run the risk of getting it wet by first putting it in the shock to cure. With liberal salting one need not hesitate to put hay in the stack or mow even when it is a little "heavy," providing, of course, that there is no external moisture present from dew or rains. It is true that there are those who object to salt, but our most practical farmers use it and use it freely. Any kind of hay will get hot after being placed in a body, but if it is salted well it will be much less musty when taken out.

One of the hard problems connected with haying operations is to know just when to start, especially when the weather is "catchy." We have always preferred to cut down and cure a few acres before the crop is actually ready to cut, providing the ground is reasonably dry and the weather settled. Of course it takes a little more curing, but if one will be on the outlook he can often secure ten or fifteen tons of excellent hay before his neighbors really begin operations. During unsettled weather in the haying season it is much better to put off the cutting for a week or two than to risk getting it spoiled when down. It is surprising how succulent hay will remain, especially clover, even after all the heads are dead if it is left uncut; and there is this advantage in leaving it late, that it will cure very rapidly when it is cut. In many cases it is possible to do some cutting in the morning and haul the hay in the afternoon when it has matured standing. Of course we do not make the claim that such hay is as nutritious or as palatable as that which

is cut at the right time and properly cured, but, as said before, rather than risk getting a considerable part of the crop spoiled after cutting we prefer to delay the cutting considerably.

#### THE GOOD HIRED MAN.

The following communication has been received from a subscriber, Mr. M. R. Wiley, of Washington county, Kan.:

I have been intending to drop you a line before this, but have been very busy, having to depend entirely on hired help on a farm of 240 acres. But I must say that I have been very fortunate in getting good men. I had a man last year about forty years old who was first-class and did the work well and up to date. I have a man this year about thirty years of age, who is a crack-jack. He stays right here all the time and is ready for business. I think those of us who have to hire help should consult our hired men, if they show good horse sense, and take them in as co-partners as far as the work is concerned. They will then take more interest in the work and take better care of the stock. Don't try to make a mule of them. And another thing, I like to pay a man good wages if he is worth it and if he isn't worth it I don't want him. I don't want a man that isn't worth \$20 a month. I pay mine \$25 and am well satisfied.

There is one suggestion here to which we give our special indorsement, namely, that of taking the hired man into one's confidence and thereby giving him a share in the responsibility associated with farm affairs. We have known men who simply would have their own way no matter what turned up, and under no circumstances were the hired men given any special credit when things panned out satisfactorily.

No hired man can earn the prevailing wage that is paid nowadays unless he is in the game with his head as well as with his hands; consequently, as said before, the employer can well afford to share the responsibility of management with his men as well as the burden of the labor.

We agree with the other statement made by Mr. Wiley, that a man who is not worth \$20 a month is not worth having around the farm. Our experience is that the cheap man is always the dear one in the long run. A neighbor of ours hired a cheap man this year and

up to the present time, through careless driving, this man killed a valuable horse, started a fire through a young orchard and destroyed a few dozen trees, and sweened another horse. This man was discharged at the end of one month, being paid in full the sum of \$20, though leaving a debit account behind him of about \$400. There was no bad luck connected with any part of his work, but absolutely bad management, being a case where the hands without the head were engaged. Of course the serious part of it from the farmer's standpoint is that he has to "try out" a man to find what is in him and the trying out process often involves considerable loss.

#### FEEDING VALUE OF SPELTZ.

There is considerable interest being taken in recent years in the growing and feeding of speltz. Although this grain is specially adapted to semi-arid regions, yet we have in mind many instances right in the heart of the corn belt where it has given a yield of fifty, fifty-five and sixty bushels per acre, when under similar conditions oats would not yield more than forty or forty-five bushels. At the South Dakota Experiment Station it has yielded as high as sixty-three bushels per acre. That station has conducted extensive experiments in testing the feeding value of this crop and summarizes in a recent bulletin the results obtained, as follows:

Results in feeding it to sheep as a fattening ration are as follows: It required 5.09 pounds of barley as compared to 7.47 pounds of speltz to produce a pound of gain. In Bulletin No. 80 results are reported in feeding it to lambs as compared to eight other different grain rations. In this experiment it required 7.2 pounds when fed whole and 8.3 pounds when ground as compared to 5.3 pounds of corn to produce a pound of gain.

It required two pounds more of speltz to produce a pound of butterfat when fed to dairy cows than it did barley or corn, other conditions being equal. The cows made a gain in weight of eighteen pounds per head during the period. They consumed one-third more of speltz per head daily than did the lots receiving barley or corn. Speltz proved to be a good feed for the dairy cow.

Speltz was fed to range lambs as a single grain, and mixed with corn, barley and wheat, half and half by weight to four different lots. The record of the lot fed on speltz in this test confirms the results obtained by feeding this grain in former experiments, that it requires from one to two pounds more of gain than with the other grains.

And in Bulletin No. 97, "The Production of Baby Beef," speltz was used as one of the grain rations with the following result: The lot fattened on speltz made an average daily gain of 1.69 pounds, while the lot fattened on corn made an average daily gain of 1.84 pounds.

During the grass period the lot fed on speltz gained 112 pounds more than did the lot fed on corn. It required only 5.16 pounds of speltz for a pound of gain, as compared with 7.03 pounds of corn to produce a pound of gain during the grass period.

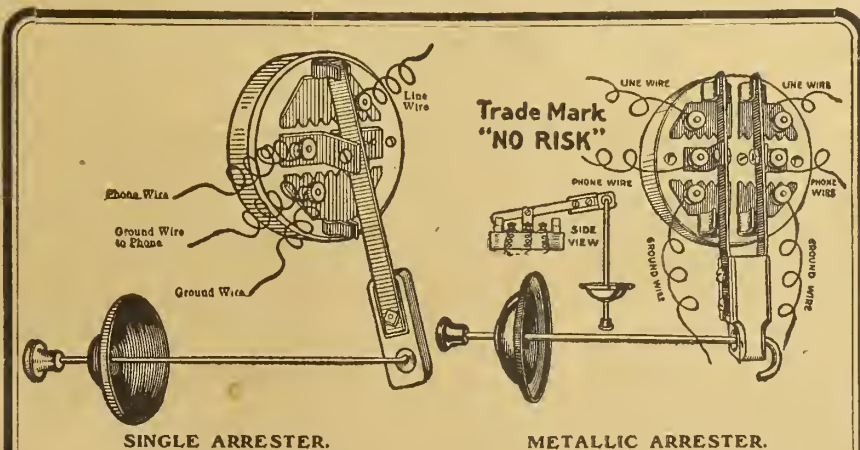
The lot fed on speltz did not consume as much hay per pound of gain as did other lots, indicating that the husk of speltz is a good substitute for hay.

Speltz produces a hard fat, about the same as oats; and as good a quality of meat as corn.

With the exception of the speltz lot, the spayed heifers brought the same price as the steers. In this case a reduction of 50 cents per hundred was made on account of the spayed heifer being smaller than the steers in the lot which brought \$6.00 per hundred.

The lot of calves fattened on speltz sold for forty cents a hundred less on the Chicago market than did the lot fattened on corn, and dressed 2 per cent less than did the corn lot.

According to these results, it appears that there might be an important place for speltz in the rotations adopted both in the corn and wheat belts. While for sheep this grain is not equal to barley or corn in feeding value, pound for pound, nor for dairy cows, at the same time the fact that it is a heavy yielder



Rural telephones are a constant source of danger during an electrical storm. At any instant the wires may become too heavily charged and melt, thereby setting fire to the surrounding wood work and the house. Persons near by at such times are frequently injured by the current of electricity, and often killed. The above illustration represents two forms of the "No Risk" lightning arrester. In speaking of this device the manufacturer says that "Of all the so-called lightning arresters on the market to be used on telephones the "No Risk" lightning arrester is the only one today that gives absolute safe protection and is the only one that we know of that is guaranteed to prevent the lightning from coming in to the telephone." The "No Risk" arrester goes on the outside of the building and is operated from the inside by a rubber button. A child can operate it. It is guaranteed to prevent flashing, popping, or ringing of the telephone bell in the hardest electrical storm, if put up as directed. This "No Risk" arrester may be bought direct from the manufacturer, or through the agents. If there is no agent in your locality it will pay you to secure the agency, as this arrester is easy selling and is well advertised in leading agricultural papers. For full description and particulars and booklet on Telephones and Lightning, address The W. E. Ashby Telephone Cut Out Co., 101 Square St., Charlton, Iowa. See page 3.



partly, and in some cases wholly, makes up for the difference. In the production of beef, speltz is found to have nearly the feeding value of corn in dry-lot feeding, while on grass-feeding better results were obtained with speltz than with corn.

#### THE IOWA LAW ON FEEDING-STUFFS AND AGRICULTURAL SEEDS.

No law passed by the last legislature of Iowa will be so far-reaching in its effect as the one relating to agricultural seeds and commercial feeding-stuffs. According to the terms of this law each manufacturer of feeding-stuffs must file with the state food and dairy commissioner a certified copy of the statement that the law requires to be attached to his feeding-stuffs, and also a sample of each brand of his concentrated commercial feeding-stuff, together with its proper affidavit. Labels on feeding stuffs shall show the net number of pounds in the package, the name and brand of the article, the name and address of the manufacturer, importer or dealer, place of manufacture, statement of percentages of crude protein, crude fiber and crude fat, and also the names of all ingredients. In the case of condimental stock foods the law does not require that a statement be given of the percentage of crude protein, crude fiber and crude fat, nor does it require the name of all ingredients, though the name and the percentage of diluent must be given on the labels of the packages.

All manufacturers, importers, dealers or agents of concentrated commercial feeding-stuffs will be obliged to pay the state dairy and food commissioner an inspection fee of ten cents per ton for each ton sold or offered for sale in the state. In the case of agents who handle condimental stock foods an annual fee of \$100 must be paid in lieu of such inspection fee.

This law, if properly enforced, will have a high educational value as affecting farmers and feeders within the borders of the state. The labeling of all feeding-stuffs will make each and every purchaser a student of chemistry, and in the future feeding-stuffs will be fed more intelligently on account of the greater knowledge imparted concerning their feeding constituents.

The agricultural seed section of the law prevents the sale of seeds containing wild mustard, quack grass, Canada thistle, wild oats, clover and alfalfa dodder, field dodder and corn cockle. Some protection is made, of course, in the law whereby seedsmen are not compelled to comply with absolutely unreasonable or impossible rulings. For example, in the sale of red clover, mammoth clover or alfalfa the law does not allow more than 5 per cent, by weight, of yellow clover, sweet clover or bur clover; in the case of rape 5 per cent of common mustard or black mustard must be the limit; alfalfa must be 96 per cent pure, red clover 92 per cent, white clover 90 per cent, corn 99 per cent, flax 96 per cent, millet 99 per cent and oats 98 per cent. The law also relates to the germinating qualities of agricultural seeds. For example, red clover must germinate 80 per cent, corn 94 per cent, sweet corn 75 per cent, timothy 85 per cent, wheat 90 per cent and oats 90 per cent. Practically the whole list of crops grown within the borders of the state are enumerated and the percentage of purity and germination given.

In order that our readers may have proper information concerning the full effect of this law, it is suggested that application be made to Dairy Commissioner H. R. Wright, Des Moines, Iowa, for a pamphlet recently published, giving the laws relating to commercial feeding-stuffs and agricultural seeds. The law becomes effective July 4, 1907.

#### MACHINE TILING.

A subscriber from Elliott, Iowa, asks for information about machine tiling. He states that there are thousands of rods of tile being put down in southwestern Iowa, and consequently farmers are becoming greatly interested in the machine proposition. Some of them are now in use, but the information desired at this time is from those who have used the machines five or ten years. The kind of machine in use in that locality is really the old mole ditcher with a carrier to draw the tile in the hole made by the mole.

If any of our readers have had experience extending over a number of years in putting down tile with any kind of a machine, we shall be pleased to have

them give the result of that experience through the columns of The Homestead.

#### Cement Floors for Crib.

To the Editor of The Homestead:

Seeing in a recent issue of your paper, a request for information concerning cement floors for corn-cribs, bins, etc., I give my experience and method of construction.

I built my barn in the fall of 1904, and the ground-space to be occupied by cribs, bins, etc., was leveled off and covered with broken stone, gravel, etc., to a depth of four inches. To one part cement I put six parts sand and added water and mixed mortar to a thin consistency, so thin that when poured over the rocks it went right in and filled all crevices. I put enough of this mortar on to just cover all the rocks, and then tamped down well. This tamping settled the rocks down and helped to settle the cement around the rocks. This was allowed to stand over night. I then covered this all over with a coating of cement one inch thick, in the proportion of one part cement to three parts sand and enough water to make it work well and troweled down smooth.

Before putting on this top coating, I laid down 2x4 pieces where I wanted walls, partitions, etc., and bedded them in cement to keep them from slipping or spreading; on these pieces I spiked the studding.

I let this stand in this condition all winter, and when the frost was coming out of the ground in the spring I noticed considerable frost would accumulate or form around all blocks of wood or other things that happened to be lying about. I was then satisfied that it was a very unsafe proposition to risk keeping grain, especially wheat or other shelled grain for any great length of time on this floor.

When I finished the bins I laid thin strips like lath down on the cement and laid a tight board floor on them. This left a small dead-air space between the floor and the cement, and also left the bins practically mouseproof. I have used these bins for two years and am well pleased with them.

I have my horse-stalls cemented; also a feeding-pen out of doors for my hogs. If I was to build another barn I think I would first make a cement floor for the whole barn—stalls, bins, driveway, etc., and then put up the building and it would all be on one solid foundation and ratproof. Jas. H. Chenoweth, Jr.  
Clinton county, Mo.

I noticed in the last issue of your paper that a Kansas subscriber would like to know how a cement floor would do for granary and corn cribs. As I have had practical experience for six years with corn and oats but not with wheat bins, I will say this: For my oat bins I laid an inch floor (shiplap is all right) on the cement floor with two or three cleats tacked across the top to hold floor in place. This will keep the oats from molding except along the foundation, but this is such a little that it is hardly worth mentioning. I unload my corn on the bare cement floor and it keeps well enough. The main thing is to have the cement floor considerably higher than the outside ground floor. Have a good, solid foundation all around to keep water and rats out, and have a good building over the floor—no slat building so rain and snow can blow in. I am well pleased with my corn and oats bin.

If a cement floor is put down right there is no waste room and no rat nest under it. I don't think I have had a rat on the place since I commenced to use cement floors; before that I had them by the wholesale.

Nokomis, Ill. A Subscriber.

In answer to the inquiry of your Kansas subscriber concerning concrete floor in granary, I will state that last summer I built a bin with concrete floor in my barn. This was about the first of August and about the first of October I filled it with oats. The oats are now perfectly dry and free from mold, and that which lies directly upon the concrete is just as light as the oats in any other part of the bin. Newton Bawn.  
Wright county, Iowa.

#### The Old Sow Preferred.

To the Editor of The Homestead:

In a late issue of this paper I read an article on pig raising by Mr. Roth, of Washington county, Iowa. I see Mr.

Roth favors the idea of keeping young sows.

In the spring of 1906 I had six young sows that farrowed forty-one pigs and saved thirty-four; in 1907 four of the same sows farrowed fifty pigs and a few were farrowed dead. I gave five of them to a neighbor and have succeeded in saving thirty-seven pigs and have part of them weaned. My pigs from the same sows—the sows now being two years old—are much stronger and seem to be growing much faster than their first litter of pigs.

I protect my pigs from the old sows laying on them by nailing boards across the corners of the pen and around the sides. The last sow that farrowed laid on four pigs just because I neglected to fix her pen in this way.

I always pen my sows in a separate pen at night and let them out during the day time until they have milk; then I leave them shut up and watch for the increase. After a sow has her pigs I never give her any slop or grain for twenty-four or thirty-six hours. Then she is quiet and the pigs get filled up and get strength to help themselves before the sow stirs around much.

I think with proper care the old sow is most profitable. For my part I will take the old sow.

Poweshiek county, Ia. P. S. Brunk.

#### Iowa Climate and Crop Bulletin.

The following climate and crop bulletin is issued by the United States Department of Agriculture, Iowa section, from the central station at Des Moines, Iowa, for the week ending June 10, 1907:

The average daily deficiency in temperature was seven to nine degrees, and there was also a large excess of cloudiness. Showers of varying amount were reported every day but one during the week, and heavy downpours with considerable damage by wind and local floods occurred on Sunday afternoon and night. It was generally a very unfavorable week for field work, and the corn fields show the need of cultivation, as also the need of heat and sunshine to restore normal color and promote growth of the plants. Reports are quite general as to the deficient stand of corn, and the unusual amount of replanting being attempted. Conditions have been more favorable for oats, wheat, barley, potatoes, meadows and pastures, and improvement is noted in garden truck and small fruit.

The regular June reports from correspondents of the Iowa Weather and Crop service have been tabulated, and following is a brief summary:

Area planted.—Corn, 103 per cent; wheat, 94; oats, 98; rye, 91; barley, 94; meadows, 95; flax, 87; potatoes, 100.  
Condition.—Corn, 88; wheat, 88; oats, 89; rye, 90; barley, 81; flax, 83; potatoes, 86; hay, 74; apples, 55; peaches, 27; plums, 42; cherries, 30; grapes, 80; berries, 78 to 82.  
Conditions Last Year.—Corn, 99; wheat, 98; oats, 96; barley, 96; hay, 92; potatoes, 101.

#### ESSENTIALS OF A GOOD ROOFING.

There are a number of points which should be kept in mind in buying a prepared roofing material. One of the worst objections to some brands of roofing is that they "stick" in hot weather, and again they get stiff and crack in cold weather. Roofing of this kind soon yields to the elements and on the whole gives very poor satisfaction. Some brands of roofing are impregnated with a quality of waterproofing that melts under a hot sun and even runs, dripping down from the eaves of the building. In other brands of roofing on the market the felt or body is of very short-fibered material and is easily torn or punctured. This is a serious objection and results in a short-lived roof. Again, there are brands of roofing which are what we might call back numbers in the market. The companies manufacturing them have failed to keep their machinery and materials up to date. Their sales have been slow and they often palm off an article that has been stored away for some time, causing it to lose some of its good qualities. Among the brands of up-to-date roofing will be found Huttig's Rubber Roofing. This brand is sold under the most liberal guarantee and the factory which makes it is up to date in all of its appointments. Huttig's Rubber Roofing is made of long-fibered wool felt, densely compressed and heavily saturated with specially-prepared asphalt. The result is a roofing material which is practically proof against wear and weather, as well as fire. Samples of this roofing material will be mailed to any of our readers who will ask for Booklet "B" and special iron-clad guarantee. Address Huttig Manufacturing Company, 707 East Second St., Muscatine, Iowa. See page 12.

#### THRASHING OUTFITS AT BARGAIN PRICES.

The Cascaden Manufacturing Company, of Waterloo, Iowa, and Grand Forks, N. D., make an announcement on page 6 regarding thrashing machinery that should interest every thrasher. This company now are prepared to supply every style of machine at the lowest prices. If you want a brand new outfit they have it. Rebuilt outfits practically as good as new are on hand also. Engines to correspond, and of the proper horse power efficiency are also in stock. These engines may be equipped to do road or field work, thus insuring a great deal of work for the owner. All this large stock of thrashing machinery has been made possible by the unequalled manufacturing facilities which the Cascaden Manufacturing Company control. Besides a complete line of these machines,

**Let Us Send You Our Book.**  
about good wheels and good wagons that will save you a lot of work and make you a lot of money—the

**ELECTRIC STEEL WHEELS**  
—and the—  
**ELECTRIC HANDY WAGON.**

By every test, they are the best. More than one and a quarter millions sold. Spokes united to the hub. Can't work loose. A set of our wheels will make your old wagon new. Catalogue free.

**ELECTRIC WHEEL CO., Box 43, Quincy, Ills.**



**ELECTRIC**

**Fresh Water**

Get our Automatic Pumping System to supply fresh water as needed in feed lots, barns and under pressure, in house all at same time. No Tank; No Stagnant Water. Great demand for machines everywhere. Agents wanted in each county. For information write or call

**WESTERN PUMP & MFG. CO.**  
Beals Building, 9th & Wyandotte  
Kansas City, Mo.



## Traction Engines For Sale.

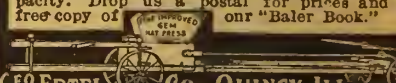
We have on hand ready for delivery several 15 Horse-power Traction Engines, new and second hand, also one 8-horse-power Traction Engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

**THE O. S. KELLY MFG. CO.,**  
IOWA CITY, IOWA.

**BALES 15 TONS HAY A DAY**

—frequently 18 and 20 tons. Such wonderful records are possible because our Gem Ball Circle Steel Baler has a 30 inch feed opening, making it easy to charge and quick rebounding plunger allowing two charges to each circle of team. The patent power-head with its 9 inch trip lever arms enables us to realize the greatest baling pressure ever produced in a similar machine. We will save you \$5 or more in first cost and much more every year in repairs and because of greater capacity. Drop us a postal for prices and a free copy of our "Baler Book."

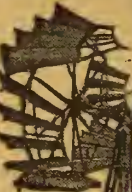
**GEO ERTEL & CO., QUINCY, ILL.**



**\$1000 REWARD FOR THEIR EQUAL.**

No slide head. Oil only twice a year. Ask about our two wheel power mills and our arm saver buckers. Get book 104. It's free. Write for it today.

**DOUBLE POWER MILL CO.**  
Appleton, Wis., U. S. A.



they are prepared to supply the trade with gasoline engines, Alfalfa King rakes and stackers, hay presses, feed mills, corn drills and other farm implements and machines. The proposition which they offer to prospective buyers is a good one and should be investigated by every user of machinery who wants to save some money. Send for their complete catalog and ask for their proposition. Kindly mention The Homestead and see page 6 for the formal announcement. Address Cascaden Manufacturing Company, Waterloo, Iowa, or Grand Forks, N. D.

#### HOW APPENDICITIS HAPPENS.

The first symptom of appendicitis is a swelling in the lower right half of the intestinal cavity. This point is located probably a hand width from the anterior point of the hip bone and toward the median line of the body. The swelling takes place in the beginning of the colon, the largest intestine of the body, which ends on the exterior part of the body. It is right at this point in the beginning of the colon where the swelling is first noticed, that the small intestines dump the refused portions of the food. This refuse is in just the right condition to begin decaying. When the large intestine becomes crowded or overtaken this refuse is liable to accumulate in the end of the large intestine. It soon decays and inflames the tissues whence follows the symptoms of this fatal disease. Surgical operation is the usual resort and it falls in a great majority of cases. A new remedy is now available. It should come as a blessing to those liable to this dread disease. The remedy is known as Appen-D-Form and has absorbent properties which act with immediate benefit on all cases of inflammation. Everyone who suffers from attacks of appendicitis should investigate Appen-D-Form. It is sold at nearly all druggists, but can be obtained by sending the required remittance to the Appen-D-Form Company, 501 1/2 N. Main St., Elkhart, Ind. See page 3.



\*\*\*\*\*  
**Farm Furrows**  
Turned by a Practical Farmer.  
\*\*\*\*\*

Lost profit always stays lost.

Fifty sheep is a nice sized farmer's breeding flock.

A cold spring seems to make things hot enough for the grain gamblers.

Lots of people would take time by the forelock if they could only hang on.

A well-bred, well-trained fox terrier is the best antidote I know of for rats.

A large share of our troubles come from worrying about things that never happen.

Everyone on the farm ought to have at least a week's holiday—especially mother.

There was something real bright about the little city girl who "just loved to watch the cows chew gum."

Slough pastures are liable to cause sore teats; the effect need not be told to experienced milkers. The best cure is tiling.

They say that the average man hasn't sufficient strength to crush an egg end-wise with his hands. I am so awfully

**No Lightning Risk!**  
This Keeps it Out of Your Trade Mark TELEPHONES "NO RISK"




This is our Improved "No Risk" Metallo Arrester. Will cut out a metal line or two single lines. Absolutely disconnects telephone without grounding the line wire. Leaves it free! It's the only arrester sold that gives absolutely safe protection—the only one we know of whose makers guarantee telephones against lightning. Thousands of pleased customers vouch for its merit. Pull the knob and your telephone is absolutely cut out. SIMPLE, POSITIVE, SURE. Protects home against fires. Keeps family safe. Book Free.

**FREE TRIAL OFFER** Just send your name and address. Tells how you can try the Improved "NO RISK" Lightning Arrester FREE. Or send \$2.00 and get the Arrester at once. Fully guaranteed to protect as we say or money back. Reliable agents wanted. One man sold 300 last year, besides farming.

**W. E. ASHBY TELEPHONE CUT OUT CO.**  
101 Square Street      Chariton, Iowa

**APPEN-D-FORM**  
—CURES—  
**APPENDICITIS**  
PERITONITIS,  
OVARIAN TROUBLE.  
SOLD BY ALL LEADING DRUGGISTS.  
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We manufacture **Lawn and Farm FENCE**. Sell direct shipping to users only, at manufacturers' prices. No agents. Our catalog is free. Write for it to-day. **UP-TO-DATE MFG. CO.,** 927 10th St., Terre Haute, Ind.

**DON'T RUST FENCE**



Galvanized so heavily can't rust. 40 Carbon Spring Steel. No agents. 30 days' free trial. Farm and Poultry Fence Catalogue No. 57. 40 Styles Lawn Fence, Catalogue O. One or both free. **THE WARD FENCE CO.**  
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**FREE TO FARMERS.**

A Sample copy of THE AMERICAN FARM LIBRARY, the new National farm magazine. Every copy a 256-page book. ADDRESS: SCARLE PUB. COMPANY, EDGAR, NEBR.

strong I never like to try it myself, but recommend it to others as a pleasing exercise.

Police-men will soon be ornamental altogether. In one large city they have been ordered to have their suits pressed every month.

Where the frost has heaved the fence posts nearly out of the ground the proper thing to do is to heave them back with a post maul.

The secret of crop growing is very simply told. Keep the fields fertile and plant good seed. It is another thing to put it in practice.

The boy who is naturally mechanical should be allowed to cultivate that side of his nature. A good trades craft is not to be sneezed at these days.

To nibble or not to nibble is the hard question for some people to decide as they read of fortunes being made "while you wait" on the board of trade.

Some railroads in the West have planned to seed their right of way to alfalfa and allow farmers adjoining to harvest the crop. Success to the plan.

When food doesn't agree with a man it is the general rule that the man disagrees with everything and everybody in particular. Even himself included.

People can talk all they please about the strawberry crop being ruined with frost, it's nothing compared to the way it is being ruined with cream and sugar.

The best moving picture show I ever saw was once when a rambunctious old cow led a newly-arrived subject of the Kaiser down the lane at the end of a halter rope.

Next time you meet one of your friends ask him why the year 1907 is like a lumber wagon. Let him think a while, then explain the fact that neither has a spring.

Since the advent of motor cars the breeding of good horses has increased to a large extent. It is good horses, mind you, either roadsters or drafters. Ordinary horses suffer.

Of course potatoes will "run out" if their propagation each year is dependent on the degenerate tubers. By always planting the best potatoes there will be no lessening in vigor.

The wonder is that there are not more sorghum mills in the country. An acre of cane will keep a family supplied with the best of eating and cooking sirup. The candied sorghum is superfine.

I have heard painters say that it is very easy to clear the odor of paint and oils from a room by leaving a pail of water in which several onions have been sliced in the room over night.

The man who whistles at his work may be all right and doing a good job, but if you have to holler your throat hoarse to get his attention, the musical qualities of the whistle disappear.

It may be some consolation to think that among the fifty or one hundred railroad employes soon to be discharged by one road, there may be a few of those dreadfully grouchy depot agents included.

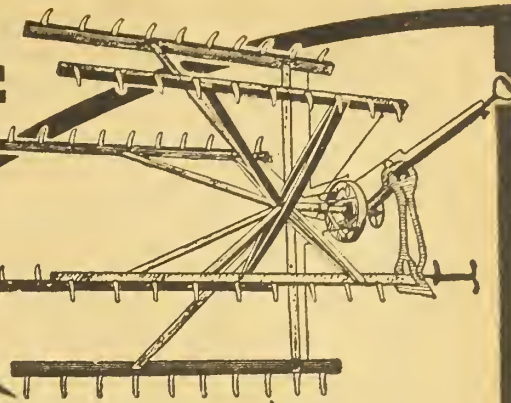
The county fair manager is going to be a pretty hard worked individual from now on if he attempts to find some new "attraction" for the season. It's just about time there was a new generation of fair goers.

The remarkable progress which is being made in the development of artificial building material is merely a proof that "necessity is the mother of invention." The latest is a cement block with a glazed surface.

When it was announced by a recent scientist that men lived longer now than in former times, a Kansas man remarked: "Why shouldn't they live longer with the cold storage weather we are having this spring?"

Drain tiles, from three to six inches in diameter, may be used to good advantage in the garden for protecting transplanted cabbage, tomatoes, etc.,

**GET ALL YOUR GRAIN**  
*See Those Points!*



**BRETT GRAIN SAVER**  
It saves you money on every field you cut. Those points swing into place at your command and positively cannot let one single stalk go through. This illustration shows the Brett Grain Saver attached to a Milwaukee Reel, it is easily attached to ANY binder and by a simple twist it falls into place to do its work. It's a sure cure for lost grain, an immense money saver.  
"I have tried the Brett Grain Saver and know it will pay for itself in every way. I saved as badly a lodged field of grain as was ever seen in our country and I wouldn't take ten times its cost for my grain saver if I couldn't get another. No farmer can afford to be without a Brett Grain Saver."  
Wm. Poole, Cedarburg, Wis.  
Write to us today, tell us your dealers name and we will make arrangements through him to show you our good faith in the matter.  
**DON'T FORGET.**  
**THE J. T. BRETT MFG. CO.**  
141 Second Street.      MILWAUKEE

*SEE THOSE POINTS!*

from the sun for a day or so. Squares of roofing paper, especially the tar kinds, make good shades and repel insects to a degree as well.

There's hardly any place left in the industries for the booze-fighter any more. When you hire a man nowadays you expect that you are employing his wits as well as his muscle. The dangerous glass is the first one.

A set of stock and dies will save as many minutes and swear words as anything not usually found on an average farm. A set that cuts ten, twelve, fourteen and sixteen threads to the inch will meet all ordinary wants.

The post that is used for hanging a heavy gate should not be used as an end post for stretching wire fence. The side motion of the gate in opening and closing, together with the pulling of the wire, will loosen the post in time.

After all has been said about the expense of equipping a farm with up-to-date machinery, it would suit most farmers better to get along with a little less profit if necessary than to farm as in the days of the cradle and the scythe.

Speaking of turkeys, they say that the real blue-blooded, double-extra Mammoth Bronze kind do not stray away. I would like to see the color of some of those birds. The fighting weight of our old turkey tom is forty-five pounds, though there must be a streak of razorback in him which accounts for the wildness of his progeny.

**Iowa Seed Dealers' Association Formed.**

On Wednesday of last week eighteen prominent Iowa seedsmen met in Des Moines and organized what is known as the Iowa Seed Dealers' Association. The object of this association shall be the development of friendly relations between members and the united effort to improve the purity and quality of all seeds sold and to promote firmer business relations between those engaged in the trade.

One of the important points brought out in the discussions was that relating to the large demand that exists for low-grade seeds. The new state law can in no way affect the character of the seed sold to Iowa farmers by seedsmen of other states; hence the conclusion arrived at that a strong educational campaign should be waged against the use of cheap seeds of any description. Cases were cited where

quack grass has been brought to the state under a misleading name, resulting in actually depreciating the value of the lands on which the seed was sown. The state law as applied to dealers within the state prevents the recurrence of this but, as said before, in no way interferes with its purchase outside of the state.

At the close of the session the following officers were elected: President, Chas. N. Page, of the Iowa Seed Co., Des Moines; vice president, Henry Field, Shenandoah; secretary, W. C. Adams, Decorah; treasurer, J. T. Hamilton, Cedar Rapids. The executive committee is composed of the president, secretary and treasurer, together with H. A. Johns, of Sioux City, and J. W. Ratekin, of Shenandoah.

**THREE ESSENTIALS IN GOOD SHOES.**

In buying shoes everybody wants to get the best bargain for their money. To do this it is necessary that the shoe you buy possesses the three essential points of a good shoe, namely, style, service and comfort. Some people would leave off the first-named consideration. Everyone, however, is always desirous of securing service and comfort. While comparisons are odious, it is safe to say that Kirkendall's Electric Welt shoes come as near fulfilling the requisites of these three essential points as any make of shoes on the market. We believe that anyone who has become acquainted with this brand of shoes will become a regular purchaser of them. It will, no doubt, interest our readers to know how the good points in this shoe are secured by the maker. The style, which is distinctly a new departure in the art of shoe making, we are informed is secured by the use of durable materials put together by the most expert and careful workmen. This makes it possible for one shoe to be as uniform as the other shoe of its kind. There is no guess work about the cutting and sewing. Every shoe is made by the same pattern and the style is bound to be preserved in every pair that goes on the market. Comfort is one of the points which is given particular attention in these shoes. The old idea in making shoes was to make them firm and stiff. This resulted in a shoe of a very unyielding nature which soon tired the feet. In Kirkendall's Electric Welt Shoes every attention is given to produce an elastic and flexible last. The sole is of medium thickness, which soon conforms to the contour of the foot. The upper leathers are of the highest quality and they, too, soon conform to the arch and instep. These two points, combined with the durability for which these shoes are noted, makes them in strong demand by all those who desire high quality in footwear. If you want to get the most satisfaction from a pair of shoes order a pair of Kirkendall's Electric Welt brand. If you can't get them from your dealer write directly to the manufacturer. Address E. P. Kirkendall & Co., Omaha, Neb. See page 13.

**\$5,000 IN PRIZES.**

The Portland Commercial Club is offering the sum of \$5,000 in prizes for the best descriptive articles on Portland. The first prize is \$1,000 and the seventieth prize \$10. The articles must be in the hands of the judges not later than February 1, 1908. For further particulars of this contest write Mr. Tom Richardson, manager, Portland Commercial Club, Portland, Ore.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

ESTABLISHED IN 1855.

Entered at Des Moines Postoffice as second class matter

PUBLISHED EVERY THURSDAY.

**SUBSCRIPTION RATES**—Single subscriptions, \$1 a year; ten copies one year, \$10, and an extra copy to get up of club. In clubs of fifty or more, 25 cents a year. Single subscription three years in advance, \$2; five years in advance \$3; ten years in advance \$5. Subscription price in Canada, \$1.50 a year. Remit by draft, registered letter, postoffice or express money order. In renewing subscription, use same name and initials as address on paper, or explain why you change. In changing your postoffice address, send your old address as well as the new. Errors in address or failure to receive paper within two weeks should be promptly reported to the publisher.

Address all communications and business letters to  
**THE HOMESTEAD COMPANY,**  
Des Moines, Iowa.

## POPULATION AND LAND VALUES.

In 1790, the date of the first census, the population of the United States was 3,929,214. In 1890 that population had grown to 62,622,250. Up to 1870 the population of the nation doubled in about every twenty-one years. From 1870 to 1900 it doubled again, being a little over thirty-eight million in 1870 and over seventy-six million in 1900. The doubling process required thirty years. In 1880 the population was 50,155,783. The thirty-year period required to double that population will carry us to 1910, at which time the next census will be taken. That census will in all probability show the population of the United States to be one hundred million souls.

This unparalleled growth in population explains the increase in value of lands. That increase in value has only been felt in the corn belt in the last twenty years, because, up to that time, there had been such vast areas of public land to give away that land was held as of low and cheap value. But by the time the population of the country had come to sixty-five million people, all the best and most favorably situated public land had been taken up. From that very moment values began to quicken as if animated by live electric wires. From that time the only way to get a farm was to buy it of some owner. The growing, rushing, crowding population was stopped short with the startling knowledge that there was no more land in America to give away, except in the arid and semi-arid regions. For a few years the eager, hungry crowd ran frantically to and fro. A part of Indian Territory was thrown open to settlement, and an army of land-seekers camped along the border waiting for the day when they might go in. The same scenes were enacted at the Rosebud reservation opening, and not one in twenty of the land-seekers was able to secure a claim. Then, as if with a shock, all the people began to realize what value there was in land, and how enviable was the position of those who had already secured a slice of the earth's surface.

But the process of increasing population goes steadily on with a progress that is sublime. Before 1950 is reached the soil of America will teem with a population of nearly, if not quite, two hundred million people. Even now there must be dealt out to the inhabitants of the United States three hundred millions of rations of food every day in the year, and in that line there are no holidays. All of this food must come from the soil. As the time rapidly rolls around when the call will be for six hundred million rations every day, it can well be imagined what the pressure on that soil will be.

Fortunately, and perhaps providentially, the enormous output of the mines of the world has so increased the volume of money that means are provided to meet this increased value in lands. Our business system of liberal credits makes it possible for men of determination and industry to secure what they want. The prosperity of the nation is assured for at least a considerable period ahead. We see nothing in the future but brightest hope for the fortunate owners of land, and also encouragement for those who are ambitious to become land owners.

## A WESTERN FARM MANUAL.

Campbell's 1907 Soil Culture Manual; 320 pages, cloth bound, handsomely illustrated, \$2.50 by mail; published by H. W. Campbell, Lincoln, Neb.

A good many farmers of the west have grown measurably familiar with what is often called the Campbell system, or as Mr. Campbell prefers to call it, scientific soil culture; but not until the present time has it been possible to secure in any one volume an exhaustive treatise on the subject by the originator of the method. Mr. Campbell has published some previous manuals in which he has given some of the information he has gained by long years of study and experiment in the dry country. Now he has revised these manuals and has given what appears to be a complete story of his work.

The substance of it is that Mr. Campbell, unlike many others, refused to give up when the drouth cut him out of a series of crops in the Dakotas, and he went at it to find out what was necessary to carry on general agriculture where the rainfall is scant and uncertain. For more than twenty-five years he has been engaged in this work, conducting experiments all over the west and having charge of farms in many states. He has made practical demonstration of the fact that the older writers and specialists all went far wide of the mark in assuming that no general farming could be conducted without at least twenty inches of annual precipitation. He has applied himself to the physical conditions of the soil. He has held that the soil is capable of treatment that will make or unmake it. He has shown that by proper cultivation, not alone during the growing season, but at other periods, the water which falls can be stored deep within these fine western soils so that it can be made use of when needed; that not only can there be storing of the water, but in so doing the soil can be improved and built up so that there is more available soil fertility and more plant food, and this process can be carried on from year to year to the great advantage of the farmer. He contends and perhaps wisely that there is no place on earth better suited to intensive farming than on the dry prairies of the west. And best of all he has done it and thousands of others who have learned something of his achievements have also done it. Mr. Campbell has been called by his admirers the father of dry farming. He has certainly been a pioneer. He has been at work showing what could be done while others were saying that nothing was possible. Today there are many great farms in the west on which fine crops are grown each year just because of the improvement in farm methods made under the leadership of Campbell. His new manual is therefore a timely and valuable work and especially

## ELECTRIC HANDY WAGONS IN RHODESIA, SOUTH AFRICA.

There is a valuable suggestion to wagon buyers in the accompanying reproduced photograph. Readers have become convinced of the excellence for all farm uses in this country of the Electric Handy Wagons, manufactured at Quincy, Ill., and regularly advertised in this paper. Few, however, know that their reputation as wagons that can be depended upon to stand up in all climates is such that they are being imported in large numbers for use in various foreign countries. The scene here reproduced is in Rhodesia, South Africa. The wagon is an Electric Handy Wagon, fitted with the broad tread stanch Electric Steel Wheels. The load it is carrying can be imagined from its three story, house-like appearance and the fact that an eight bull team is required to draw it. Perhaps no country is harder on a wagon than South Africa. The cry has long been



for "something that will stand the climate." The problem seems to be solved in the Electric Handy Wagon. Happily the chief thing which has caused the immigrants and others in South Africa to settle upon the Electric Handy Wagon, is the thing which commends it most strongly at home. That is the superb character of the wheels. The wheels are always the first part of a wagon to give way. All climates affect wooden wheels to a great extent. Climate can have no effect on the Electric Steel Wheels, which are practically one solid piece. There are no separate boxings. The spokes are not riveted in the broad tires and cast solidly in the hub. There can be no drying apart, nothing working loose. With nothing to start, there doesn't seem to be any "weakest spot" and a breakdown is one of the remote possibilities. These Electric Steel Wheels are made to fit any wagon. Old running gears are often used. By buying a set of Electric Steel Wheels many farmers make handy wagons out of their old ones upon which they get more service than if those running gears with their wooden wheels were bought new. Anyone wanting detailed information on the Electric Wagons and Wheels should get in touch with the manufacturers. Write for catalog, addressing the Electric Wheel Company, Box 43, Quincy, Ill. See advertisement on page 2.



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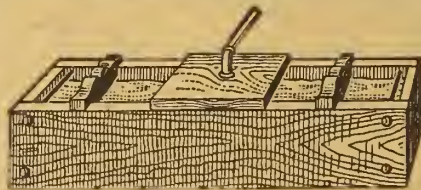


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on the best manure spreader built, which can be put on any wagon gear, but I give you a chance to get it for nothing, if you accept my proposition. Buy a postal and send it to me before you lay this paper down. Write me personally. WILLIAM GALLOWAY, Pres.

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to be commended to all who are interested in western farming.

As the result of a four weeks' trip taken recently through Old Mexico, Col. W. A. Harris believes that there is a good field offered in that country for pure bred Short-horn cattle. The cattle found there were very inferior in quality and the only good meat is that which comes from the States and this is only canned and cured kinds. Butchering there is done in a very crude manner and the

methods practiced are not conducive to a good quality of meat. Fresh meat is eaten as soon as killed. Dairy cattle are being imported and are found principally near cities. The cattle men mostly favor the Short-horns, however, and about the only means by which they can improve their herds is to import good bulls to cross on native cows. The prices which cattle owners will pay would not be up to that paid by Argentine buyers, but in time if treated right a very extensive trade can no doubt be built up. Colonel Harris believes the country offers great opportunity for development along agricultural lines.

That the hog is cleanly by nature and needs only opportunity for culture to uplift him to a plane of refinement is the belief of an Ohio man who proposes to place five pigs in scrupulously clean quarters for six months and then tempt them with their pristine filthy quarters to prove his belief.

## BABY GIRL'S ECZEMA

Covered with Yellow Sores--Sight of Eye Destroyed--Doctors Fail.

## CURED IN A WEEK BY CUTICURA

"Our little girl, one year and a half old, was taken with eczema. We took her to three doctors, but by this time she was nothing but a yellow, greenish sore. One morning we discovered a little yellow pimple on one of her eyes. Doctor No. 3 said that we had better take her to some eye specialist, since it was an ulcer. So we went to Oswego to doctor No. 4, and he said the eyesight was gone, but that he could help it. Well, we were nearly discouraged. I thought we would try the Cuticura Treatment, so I purchased a set of Cuticura Remedies, which cost me \$1, and in three days our daughter, who had been sick about eight months, showed great improvement, and in one week all sores had disappeared. Mr. and Mrs. Frank Abbott, R. F. D. No. 9, Fulton, Oswego Co., N. Y., Aug. 17, 1906."



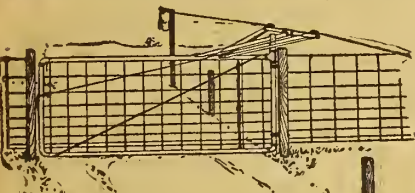
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NO shell fast feeder  
must be right height.  
With this device can  
raise or lower feeder to  
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operated and can be  
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Shipped all complete  
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KRETCHMER, from his 45 years' practical ex-  
perience, can tell you how. Write for his Hints to  
Beekeepers, and his illustrated catalog. It is  
FREE for the asking. It describes the BEST,  
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Write, The Victor Sanitarium, Box 387, Atlanta, Ga.  
ADJUSTABLE display racks, hang china-ware on wall. Agents  
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OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer,  
who has had years of experience at the bar. He  
will give accurate and reliable answers to all legal  
questions when they are of sufficient importance to  
be of practical interest to any considerable number  
of our readers. Subscribers who desire questions  
answered in this department should base them upon  
a brief, plain, concise statement of the actual facts.  
To insure immediate attention inquiries should be  
addressed to "The Legal Department," in care of  
this paper; but as the inquiries sent are at times  
very numerous, thus delaying printed answers,  
those to whom it is important to receive an im-  
mediate reply by mail should remit \$1.00, addressed as  
above.

LAW QUESTIONS CONSIDERED.

EXECUTOR—GUARDIAN.

An Iowa Subscriber.—Where property is  
willed to a person for and during his or  
her natural life, does the word "executor"  
in the will make such executor the guardian  
of the person to whom the property is willed?  
Answer.—It does not. If it be neces-  
sary for the person who is legatee to  
have a guardian, such guardian must be  
appointed by the district court or judge.

HOMESTEAD ENTRY.

Mr. J. C. Harrington, Bellevue, Iowa.—If  
a man owns a farm in Iowa, can he enter a  
homestead on government land in another  
state?  
Answer.—If the man does not own  
more than 160 acres of land, he may enter  
a homestead in any state or terri-  
tory where there is public land. If he  
owns more than that, he can acquire no  
land under the homestead law.

BUNCO BUSINESS.

An Iowa Subscriber.—About two months  
ago a man came to my house and tried to  
sell me some stock food. I declined to pur-  
chase, telling him I had no use for it, but  
he left a pail of it at my place. I never  
opened it, and it remains where he left it.  
He has recently written dunning letters to  
me, and says he will put a claim for the  
price into the hands of an attorney for col-  
lection. Can he collect the price of the pail  
of stock food by law?  
Answer.—He cannot. He is most like-  
ly trying to bluff you into paying the  
bill.

TERMS OF LEASE.

A Subscriber, Britt, Iowa.—A rented a  
farm from B for one year for two-fifths of  
all grain raised thereon, to be hauled by A  
free of charge to —, or — as B might  
direct. The lease expired on the first day  
of March, 1907, but before that day it was  
renewed by the parties indorsing on it the  
following: "For value received we hereby  
agree that this lease shall be extended upon  
the same terms for another year, ending  
March 1, 1908." Is the tenant obliged to  
haul off the landlord's share of last year's  
crop after March 1, 1907?  
Answer.—Yes. If not done before that  
time he should do it within a reason-  
able time thereafter.

STALLION SERVICE.

A Subscriber, Schuyler, Neb.—A sold a  
team of mares to B after having bred them  
to a stallion owned by C. B sold the team  
to D with the understanding that D was  
not to pay for the services of the stallion.  
The mares are with foal. Who is liable  
for the services of the stallion?  
Answer.—A is liable to C for the ser-  
vices of the stallion, but D may obtain  
a lien on the colts by filing with the  
clerk of the county where they are  
owned a claim containing a description  
of the colts with dates of their births.  
This must be filed within 100 days after  
their births.


MAKING A WILL.

A Subscriber, Bellevue, Iowa.—Is it neces-  
sary to employ a lawyer to write one's will,  
in order that it may be legal? Please direct  
the procedure of making a last will and  
testament and state the expense thereof.  
Answer.—A lawyer is not necessary.  
Any person of ordinary intelligence can  
prepare a will, if the testator knows ex-  
actly how he wishes to leave his prop-  
erty. It must be in writing, stating that  
it is the will of the person making it.  
He must sign it in the presence of two  
witnesses, stating to them that it is his  
will, and request them to sign it as wit-  
nesses, and they must then sign as wit-  
nesses under a statement on the will,  
stating that the testator acknowledged  
it in their presence, and that they as  
witnesses signed it as such in his pres-  
ence and at his request.

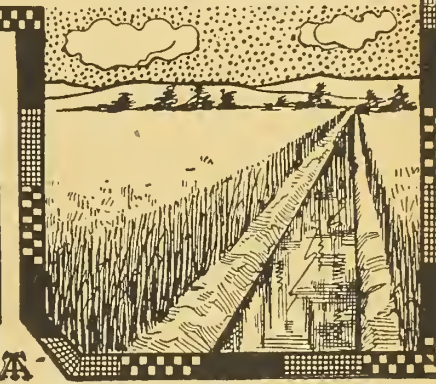
SETTLEMENT OF ESTATE.

A Subscriber, Sumner, Iowa.—(1) A farm  
of 280 acres in this vicinity has been as-  
sessed at full value like neighboring farms,  
but the owner is indebted \$6,000 on it. Can  
this debt be deducted from the value of the  
farm as fixed by the assessor? The debt  
is secured by mortgage on the farm. (2)  
My father died in Illinois about a year ago  
leaving a will by which he bequeathed \$1,200  
to his children, share and share alike, as  
they came of age. Four of the children are  
now of age, and nothing has been done. My  
youngest brother is the administrator. What  
steps must be taken to collect the money?  
Answer.—(1) The debt cannot be de-  
ducted from the value of the farm as  
fixed by the assessor. The \$6,000 debt  
can be deducted from the value of mon-  
ey and credits held and owned by the  
land owner which are liable to assess-  
ment, but not from the land value. (2)

Too Much Water



OW many times have you seen your fields flooded with moisture after a heavy  
rain, to the ruination of your crops?  
The loss of crops by flooding is a thing unknown on irrigated lands,  
because where irrigation is practiced drainage is perfect, and all the excess  
water which falls is promptly carried off where it will do no harm. The irri-  
gation ditches act as drainage ditches in case of overflow.  
On the great irrigated tract of the Canadian Pacific Railway in Sunny  
Southern Alberta is to be found some of the richest land on the American  
continent, where almost any kind of grain and root crops can be raised.  
Alfalfa thrives, and with the natural conditions and constant water  
supply, which makes Southern Alberta a perfect live stock raising country, the  
farmer is assured of reaping large and certain profits from the sale of his cattle,  
hogs and sheep.  
The native grasses that grow on the plains of Alberta furnish fine feed during the  
summer months, and the alfalfa can be depended upon to bring the live stock through the  
winter in fine condition.  
Sugar beet raising is one of the most profitable industries in Southern Alberta,  
under irrigation. Larger crops of beets can be raised here than in most of the states, and  
a better market is right at the door of the farmer. Beets bring \$5 per ton. The price is  
guaranteed, and the demand constant, so that the farmer takes no chances of having a  
drug on his hands when his crop is harvested.  
Everyone who studies farming conditions knows that Southern Alberta is the  
greatest wheat raising country on earth, and oats and other cereal crops thrive and pro-  
duce enormous crops.  
Poultry of all kinds does well in Southern Alberta, and a good market is always  
ready for the lucky man who has chickens, turkeys, ducks, geese or other fowls to offer.  
Quit trying to make high-priced land in the Central or Eastern States pay, and come  
out to Alberta where you can get five to ten acres for every one you now own, which will  
produce from three to five times as much under irrigation as your acres produce.  
Farming conditions are perfect in Alberta, good markets prevail, school facilities  
are of the best, and neighbors are Americans. Then why not come to a place where  
money-making is easy, and where you can be out of debt, independent of the world?  
Write and let us tell you how to see Alberta at very small cost. Let us tell you  
how to get a farm that will make you and your children rich.  
CANADIAN PACIFIC IRRIGATION COLONIZATION CO., Ltd.  
71 NINTH AVE., WEST II CALGARY, ALBERTA, CANADA.



Employ a competent attorney to compel  
a settlement and distribution of the es-  
tate going to the four children, who are  
of age, in case the administrator will not  
do this voluntarily.

OUTLAWED CLAIMS.  
Mr. L. S. Alfred, Metz, Mo.—A man died  
in Iowa in 1853, leaving an estate there  
which should have descended to his heirs,  
but his widow married again about 1857,  
and without any proper settlement of her  
first husband's estate, allowed it to be trans-  
ferred and disposed of by her second hus-  
band, and the heirs of the first husband got  
nothing. Is there any legal way by which  
the estate can be recovered by the heirs of  
the first husband?  
Answer.—There is not. The claims of  
the heirs have been barred by the  
statute of limitations for many years.

KANSAS TAXES.  
A Subscriber, Peabody, Kan.—I left Ne-  
braska on the second day of March, and ar-  
rived in Kansas with my personal property  
about the 5th of March. Will this enable  
me to escape taxation altogether in both  
states?  
Answer.—In Nebraska personal prop-  
erty is assessed as of the 1st day of  
April in each year. In Kansas it is  
assessed as of the 1st day of March in  
each year. See 8248 of the General  
Statutes of Kansas provides "When any  
personal property shall be located in any  
county in this state after the first day  
of March of any year, which shall ac-  
quire an actual situs therein, before the  
first day of September, such property  
is taxable therein," etc. This law will  
require you to pay taxes in Kansas.

WIDOWS AND WIDOWERS—PROPERTY.  
Mrs. G. D., Sterling, Iowa.—(1) Several  
years ago my mother married a widower  
who had four children. He claimed to own  
a farm of 100 acres, but in fact the title stood  
equally in his name and that of his deceased  
wife, and was subject to a mortgage of \$800  
given by them, and after her death he mort-  
gaged twenty acres of it for \$400. My mother  
loaned him \$1,000 and took his four prom-  
issory notes for it. How can she recover  
the amount from him, and do the two mort-  
gages take priority over her debt as a claim  
against the land? (2) My mother had a lot  
of household goods when she married him.  
What portion of them can she lawfully keep?  
(3) My sister married a widower with sev-  
eral children. She had property when she  
married. She is now dead. What portion of  
her property is her husband entitled to by  
law, and will his children get any of it?  
(4) My mother deeded a piece of land to  
me and my first husband in common. Can  
the court make that deed over to me and my  
second husband?  
Answer.—(1) The only way if he re-  
fuses to pay, is to bring a suit against  
him on the notes in the district court,  
get judgment and have execution levied  
on the land. The first mortgage will

have to be paid before the notes, and  
perhaps the second mortgage also, but  
there is some doubt whether the second  
mortgage is valid, but it may be and it  
so it would have to be paid before the  
notes. The execution could only be  
levied on the main share or interest in  
the land. (2) Your mother can lawfully  
keep all of her household goods. (3)  
Your sister's husband is entitled to one-  
half of her estate if she had no children,  
but if she had children, he is entitled to  
only one-third of it; his children are not  
entitled to any of it. (4) It cannot.

LEGAL INTEREST.  
Mr. T. T., Starkweather, N. Dak.—(1)  
What are the rates of legal interest in North  
Dakota and Minnesota? Does it make any  
difference whether the loan or debt is rep-  
resented by a note or a chattel mortgage?

Answer.—(1) In North Dakota the  
legal rate of interest is 7 per cent  
per annum, but parties may contract in  
writing for 12 per cent. In Minne-  
sota the legal rate of interest is 6 per  
cent, but parties may contract in writing  
for 10 per cent per annum.

TRUSTEES FOR CHURCH.  
Mr. O. M., Ettrick, Wis.—About 1870 A  
and his wife B, sold forty acres of land to  
C. D. a Lutheran church congregation, which  
was not then incorporated, and is not yet  
incorporated. The deed was made to the  
trustees of the C. D. congregation, as trust-  
ees for it. Do the trustees hold good title  
to the land?  
Answer.—The trustees hold a good leg-  
al title to the land in trust for the con-  
gregation. In case the congregation  
should become incorporated, the trustees  
should, and lawfully could, convey the  
legal title to the corporation.

HUSBAND AND WIFE.  
A Subscriber, LaValle, Wis.—A and B are  
husband and wife. At the time of their  
marriage A owned 120 acres of land, and  
B had \$900. A used B's money in building  
a house on the land, and gave her no se-  
curity for it. They have three children. (1)  
In case A should die first, what portion of  
the land would his wife be entitled to by  
law? (2) Could the wife recover for the  
money she had which was used in building  
the house? (3) If A should sell the land  
could his wife demand and recover her  
share? (4) Could the wife leave her money  
to her children by will?

Answer.—(1) One third part of it for  
her lifetime. If the land and house con-  
stituted their homestead, the wife would  
be entitled to all of it during her life-  
time, or until she would marry again.  
(2) It is very doubtful. The wife had  
a lawful right to keep her money separ-  
ate from her husband's property, but  
most likely she gave it to him with no  
promise that it should be returned. (3)



Not until his death, when she would be entitled to dower. (4) She could leave her money to her children by will.

RENTERS—HAY ROPE.

A Subscriber, Castalla, Iowa.—Last fall I rented a farm that has a large hay barn on it, and took possession. The man who moved away, took the hay rope with him. Will I have to furnish the rope to be used in the barn, or will the landlord have to furnish it?

Answer.—Under the circumstances stated, we think that you could not, by law, compel the land owner to furnish the rope, so you will have to furnish it yourself.

BREACH OF CONTRACT.

A Subscriber, Parkwood, Iowa.—B bought a cow from R to be delivered at B's residence in good shape. R drove the cow to a place within three-fourths of a mile of B's place, where being overheated, she lay down, and R could not get her up. R then went on to B's house and represented to B's wife that the cow was all right, and obtained a check for \$35, the price, and hurried to the tank and cashed the check. The cow died in a short time. Did R render himself liable to a criminal prosecution for obtaining money under false pretenses?

Answer.—We think not, but R is liable for the money he received on the check and perhaps for more than that. He is liable to B for breach of his contract, for whatever sum B is damaged thereby.

FENCE OF PRIVATE ROAD.

An Iowa Subscriber.—In the settlement of an estate A received his share of land next to the public road, B and C received their shares adjoining A's land, but without access to the road, so A decided to them for a private right of way, an acre strip through his land to the road, the strip being two rods wide and eighty rods long. (1) Whose duty is it to fence this private roadway? (2) In case either B or C should convey his undivided half in the roadway to A would A have to maintain part of the fence? (3) In case A should become owner of an undivided half of the roadway, could it be left open to the public road, but not to the public, without A's consent?

Answer.—(1) A should make and keep up half the fence and B and C together the other half. (2) He would. (3) It could not.

SALE OF HORSE—REPRESENTATION.

A Subscriber, Clarion, Iowa.—I bought a horse at an annual stock sale held in a nearby town. At the time I bought the horse, there was a card tied to his halter, reading as follows: "Horse nine years old, serviceably sound. Broke to all harness." The next morning he proved to have the heaves and to be badly wind broken. I complained to the seller and demanded that he take the horse and return my money. He refused to do so, or to pay back anything. Can I compel him by law to return my money and take the horse, or to pay me damages?

Answer.—We do not think you can rescind the bargain and get your money back, nor recover damages from the seller. When an animal is purchased at a sale the buyer buys at his risk, unless there is a warranty or representation which is false. In your case there was no warranty, but only a representation, which was so vague and dim in its terms that it would hardly constitute the basis of an action at law.

PATENT RIGHT SCHEME.

A Subscriber, Emporia, Kan.—A is the inventor and patentee of a certain article. He falsely represented himself as the president of a company, and sold to B the privilege and right to sell the article, and the patent within certain territory, and agreed to travel with him in the business. After A got the money from B, he skipped out to some other state, and left B with the contract. (1) Can B recover the money he paid to A. (2) Can B cause A's patent right to be cancelled? (3) Can B prevent A from selling his patent right in other states, and so beating people out of their money?

Answer.—(1) If A is financially responsible, and can be found, B can recover in an action for damages on account of A's failure to perform his contract. (2)

He cannot. (3) We know of no way in which B can accomplish this object.

JOINT TENANCY—LIMITATIONS.

A Subscriber, Neosho, Mo.—A and B are husband and wife. The wife had money of her own, and she invested it with her husband's in a home for them, also in other property, such as notes and securities, taking joint deeds and other evidences of title,—that is, in the names of both. There were no children of the marriage, but the husband had children by a former wife. (1) In case the husband should die, to whom would the property belong? (2) Could the children of the former wife dispossess the second wife? (3) If a man holds peaceable possession of real estate for twenty-one years, and three years of grace, does it "outwind heirs?"

Answer.—(1) The property would belong to the wife. (2) They could not. (3) We do not quite understand what you mean by "three years of grace," but will say that if a man holds adverse possession of real estate for twenty-four years, even heirs, whose cause of action accrued prior to the beginning of that period, are barred by the statute of limitations.

On page 4 of this issue our readers will find an advertisement of the Galloway Wagon Box Manure Spreader, manufactured at Waterloo, Iowa. This machine is in use already by many of our readers and is giving splendid satisfaction, the chief merits of the machine being that it can be used with any ordinary farm wagon truck, thus effecting a saving of a number of dollars on the price of a truck alone. The machine is also so constructed that it is very light in draft and can easily be handled by two horses. We would urge readers of The Homestead to look into this matter if at all interested and we can assure them of fair treatment at the hands of the William Galloway Company. Address 109 Jefferson St., Waterloo, Iowa.

Mr. Silas C. Sweet, patent lawyer, whose advertisement appears on page 5, says he has just secured the allowance of U. S. Patent for Mr. W. H. Faulkner, of Delta, Colo., for an effective nut lock. This patent was secured under the Guarantee Plan. If you have an invention, ask Mr. Sweet about this plan.

NORTH DAKOTA FOR HOMESSEEKER AND INVESTOR.

An opportunity to buy good farming land in North Dakota should never be neglected by either the homeseeker or the investor. There are a great many people scattered over that state who are quietly making fortunes by placing their money in some of the choice farms that are now offered. A few of these farms are advertised on page 15 and they will be sold at farmers' prices and on terms that are in keeping with the chances for a

good investment. For full particulars address Mr. John I. Hempstead, cashier Farmers' Bank, Emerald, N. D.

NEW AND SECOND-HAND TRACTION ENGINES.

The O. S. Kelly Manufacturing Company, of Iowa City, Iowa, who have been advertising traction engines in our columns for several issues, are still prepared to supply the trade with several fifteen-horse power traction engines, some of which are new and others second hand. They also have one eight-horse power traction engine and any of these will be sold at a bargain. See their advertisement on page 2 and kindly mention The Homestead when writing.

LAWN AND FARM FENCE.

For lawn and farm fence catalog quoting manufacturers' prices write to the Up-to-Date Manufacturing Company, 927 Tenth St., Terre Haute, Ind. Their catalog is their only salesman and they ship direct to users

## INVEST TWO CENTS

FOR

# One Thousand Dollars Profit

### Winneshiak Threshing Machinery

That is what we save you on a big rig. THINK OF IT—more than you save in three average years' hard work. We make the largest grain separator in the world and have traction engines to correspond; also the smaller sizes, and special big engines with plow gears; we have on hand rebuilt outfits of the leading makes which are practically good as new and at unheard of prices. COME RIGHT HERE AND LOOK AT THE GOODS. We can convince any man of experience. We pay your railroad fare and hotel bill if you buy. You will get a square deal. Our unequalled facilities for manufacturing and shipping enable us to supply the best line of threshing machinery ever offered at prices that insure a saving for our customers of almost one-third in first cost. WE CAN AND WILL SAVE YOU JUST AS MUCH IN PROPORTION ON YOUR OTHER GOODS. Get our catalog of famous DAVIS frost-proof gasoline engines, Alfalfa King rakes and stackers, Cascaden hay press, Giant Killer sweep feed mill, corn drills, farm boilers, tank heaters, Northwestern steam feed cooker and all styles and sizes of Progressive steel ranges, cook stoves, Oak and Hot Blast heaters. Send for catalog and proposition covering the article you want.

### CASCADEN MANUFACTURING CO.,

WATERLOO, IOWA.

GRAND FORKS, N. D.

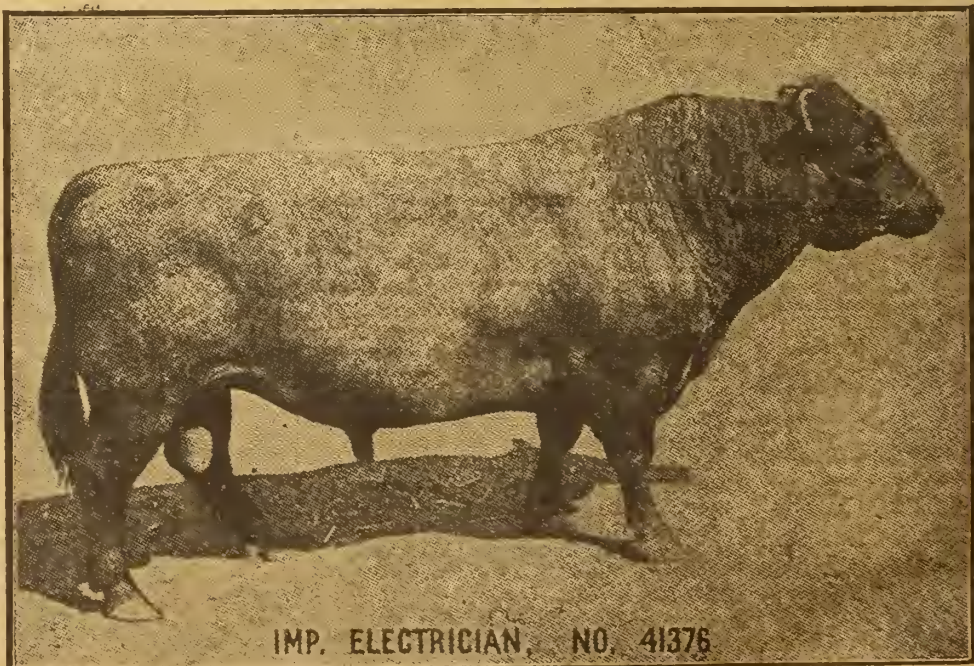
only. Write today as per offer on page 3.

#### ROUND TRIP PACIFIC COAST EXCURSION.

Daily to September 15th, the Minneapolis & St. Louis R. R. will sell round trip excursion tickets to Portland, Tacoma, Seattle and Vancouver for \$64.80. On account of the Christian Endeavor Convention at Seattle the rate will be \$54.00 to Puget Sound points. Tickets on sale June 20 to July 12; return limit September 15. Slightly higher rate to return through California. For further information write W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

#### HOMESSEEKER EXCURSION RATES.

The Minneapolis & St. Louis R. R. will sell, on the first and third Tuesdays of each month, round trip Homeseeker excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. For full information write W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.



We present to our readers a very good photograph of the imported Erica bull, Imp. Electrician, used with much success in the Angus herd of Mr. H. A. Cole, and included in the dispersion sale to be held at Des Moines, Iowa, June 18. We quote from the catalog what Mr. Cole says regarding this noted sire: "This magnificent imported Erica bull has never been in the show ring is the only reason he has not gotten champion honors. Erica herd bulls have sired the champions on both sides of the water for years. Almost every famous herd in America today is headed by an Erica bull, and the opportunity to get a magnificent imported Erica bull in the prime of his breeding career under the hammer is rare indeed. It is my earnest hope that the Angus breeders who attend this sale will put a valuation on this bull that his individual merit justifies. He weighs 2,100 pounds and could easily be made to weigh 2,400 pounds. He has been used on the herd right up to sale time, and no effort has been made to put him in show ring condition. Electrician was sold as a youngster for \$735.00 at the Escher sale before his breeding characteristics were known. He was put in service on Mr. Blumie's herd. He has now proven one of the best sires in service today." See advertisement on page 19.



**EUREKA HARNESS OIL**  
Makes harness proof against heat and moisture. Gives a glossy black finish. Prevents rot. Imparts pliability, strength and durability to leather. Saves bills and mishaps. Keeps a few harness looking new and makes an old harness look like new. Contains nothing rough to cut and chafe. For axle troubles use

#### BOSTON COACH AXLE OIL

Better and more economical than castor oil. Will not gum or corrode. Lasting, reliable, satisfactory. Highest Award World's Columbian Exposition. Sold everywhere—all sizes.

MADE BY  
**STANDARD OIL COMPANY**  
Incorporated



# CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman, of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 100,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## PLYMOUTH ROCKS.

TWO PENS of Barred Plymouth Rocks. 10 hens and pullets each. Cockerels score 92 and 92½. \$10 for either. Mrs. O. L. Mease, Gray, Iowa.

WHITE ROCKS—Won five prizes at Oelwein. 15 eggs, \$1.50. George Blake, Oelwein, Iowa.

## LEGHORNS.

MONEY-MAKERS, solid Buff Leghorns, single comb, farm range. Fresh eggs shipped promptly. 40, \$2.10; 108, \$4. Extra young hens and roosters. Agnes Smiley, Braddyville, Iowa.

EGGS—Single Comb Brown Leghorns, direct descendants of Madison Square, New York, prize winners. 26, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Calvert, Rock Falls, Iowa.

## RHODE ISLAND REDS.

SINGLE Comb Reds, exclusively. Eggs from prize winners at reduced price in June. Hites Bros. Route 3, Beacon, Iowa.

RHODE ISLAND REDS, thirty eggs for \$1.50. G. Weiser, Humboldt, Iowa.

## WYANDOTTES.

SILVER LACED WYANDOTTES, exclusively. Guaranteed eggs. Circular free. John A. Johnson, Route 1, Dayton, Iowa.

## ORPINGTONS.

BUFF Orpingtons, single and rose comb, eggs reduced to \$1 per 15, from fine stock scored to 94%. Grand layers. Grant Gibson, Hector, Minnesota.

## MISCELLANEOUS POULTRY.

WE WANT POULTRY RAISERS to sell our Roup and Cholera Cure. Guaranteed cure. No canvassing. Easy money. Sample 10c. Walker Remedial Co., Lamoni, Iowa.

WHITE Guinea Eggs, \$1.50 per 15. White Lily Poultry Yards, Union, Iowa.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

PATENTS promptly obtained or no fee, and advertised at our expense. Wakefield Inventors should write for booklet on "Patents That Pay." D. Swift & Co., Washington, D. C.

## TOBACCO CURE.

TOBACCO CURE—Harmless home treatment. Cures every time. Information for 2 cent stamp. The N. K. Co., Wichita, Kansas.

## HORSES.

FOR SALE—French Coach stallion, imported and registered, 13 years old, sure, sound and a superior individual. U. S. Hennie, Smithland, Iowa.

## POEMS.

THE RIVER BEND and other poems, The Hussey. Sent to any address, prepaid, one dollar. Tac Hussey, Des Moines, Iowa.

## HORTICULTURE.

CELERY PLANTS—500,000 transplanted Celery plants. 15 varieties. Send for price list. W. B. Durie, Rahway, New Jersey.

## AGENTS WANTED.

AGENT WANTED in your community to represent The American Farm Library. Pleasant and profitable. Postal for particulars. Address, Searle, Edgar, Neb.

GENERAL AGENTS TO SELL SUPERFINE stereoscopic views, commissions \$75 to \$300 monthly. Standard Scenic Co., Kansas City, Mo.

## DOGS.

RATS—My Scottish Terriers will kill them. Very fine puppies, pedigree with sale. If interested send 5c coin or stamps for circular and price, stating just what you want. S. Harr, Riverside, Iowa.

PEDIGREE SCOTCH COLLIES, two yearling males, good workers, \$25 each. Beautiful puppies, males \$7, females \$5. Shipments on approval. S. Harr, Riverside, Iowa.

TWO COLLIE DOGS (August) pure bred, good workers, male \$8, female \$6. Papers with each. W. E. Graham, route 1, Norfolk, Neb.

## REAL ESTATE.

THREE POLK COUNTY, Missouri, farms for sale. Good terms given, all clear, two 200 acres and one 160. Good buildings on all farms; good orchards, well fenced; three and four miles to town; no waste land. If sold soon will sacrifice and pay fare back to buyer. Address 376, Bolivar, Mo.

FOR SALE BY OWNER, ranch, 6,000 acres, all fenced, some under cultivation, house, grove, orchard, wells, windmills, springs, 85 per cent first class farm land, Wheeler Co., Texas. Four miles from Denver & Gulf railroad. Bargain price, easy terms. W. L. Welsh, Kearney, Neb.

"WRITE FOR FREE BOOKLET" descriptive of eastern South Dakota farms, well improved, for sale on easy terms. Desirable settlement. Prosperous stock feeding farmers." Gold & Co., Big Stone, South Dakota.

188 ACRE FARM on small lake, sandy beach, 8 miles R. R. town, 1 mile church and school, 150 acres plowed; good buildings and in nice neighborhood. Price \$8,000. Whitney & Thayer, St. Cloud, Minn.

FARMS IN SOUTHWESTERN MINNESOTA. A choice 166 acres fronting on a beautiful lake, good buildings, four miles from town. Write for further particulars. D. U. Weld, Windom, Minnesota.

FOR TRADE for good improved farm, good business, buildings, stock of vehicles and harness, etc., valued at \$16,000. Apply to the Lirhardt Carriage and Harness Co., Atchison, Kansas.

MISSOURI FARM LANDS. No better grain and stock land anywhere. Write for list and prices. Fulton Real Estate Agency, Fulton, Missouri.

TEXAS. If you want a home cheap, in the center of the Staked Plains, write us for full information. Hartford Land Co., Lubbock, Texas.

A SNAP IF TAKEN AT ONCE. Well improved 105 acre farm. Must sell. Deal with the owner. It. F. D. No. 1, box 33, Geddes, S. D.

FOR SALE—800 acres cattle or horse ranch, close to town. \$15 per acre, less commission for discount. Write Owner, Box 16, Zeida, Kan.

SPECIAL—Write for circular my Turtle Lake, Michigan, tract. Mrs. Nellie W. Merritt, Manistee, Michigan.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

HARPER COUNTY, KANSAS, where they raise winter wheat, corn, alfalfa, fine cattle and hogs every year. 320 acres sub-irrigated second bottom land, gently undulating, dark, sandy, loam soil, one year from the sod, 100 acres winter wheat, 100 acres corn, 100 acres kafir corn now growing, 20 acres fine pasture fenced, good well and pump. ½ rent delivered at elevators in good town on two railroads. A great bargain at \$20 per acre; \$4,500 cash, balance three years at six percent interest. Must be sold at once. Write or see Theo. B. Marsh, Anthony, Kan.

FINE FARM NEAR CITY—73 acre farm 2 miles from city of Marinette 18,000 inhabitants joins farms, 50 acres cleared, fine frame house and fine barns, nice creek crosses farm, good soil. R. F. D. Excellent roads. The best of markets. Price, \$2,100.00. Elmer Grimmer, Marinette, Wisconsin.

120 ACRE FARM, 63 acres under plow, 57 timber pasture, some of it rolling, all fenced, fine creek through farm, heavy soil, 16x40 barn, lean-to on each side, log and frame house, hog and hen-house and granary. Price \$2,700, easy terms. Whitney & Thayer, St. Cloud, Minn.

NORTHEASTERN NEBRASKA IMPROVED farms. Noted for profitable production of corn, cattle and hogs. Improved and unimproved farms in South Dakota, listed direct from owners. Write for information, stating what you want. W. T. Bartlett, Jackson, Nebraska.

480 ACRES in Sherman County, Kansas, one-and-one-half miles from school and postoffice. Good American neighborhood. About 200 acres of farm land, balance rolling pasture. Price \$8 per acre cash. Apply to Albert E. King, Goodland, Kan.

FOR QUICK DEAL—220 acre farm, well located, Union County, Iowa. \$70 per acre; will take 80 acres on this at same price. Write at once for complete description and terms. J. A. Stearns Land Co., Creston, Iowa.

The best place to buy farms is in Henry, Bates and Cass Counties, in old Missouri. Tell us first letter what you want. See how quick we can fix you out. Fraley & Graham, Ulrich, Missouri.

FOR SALE—Fine 156 acre farm; fair improvements. Adjoining Vernon, Woodson county, Kansas; might exchange for Iowa farm. R. H. Knight, owner, Spencer, Iowa.

BARGAIN IN COFFEY COUNTY—100 acres improved Neosho river bottom farm; 3 miles, two good towns. Price, \$30 per acre. Lane & Kent, Burlington, Kansas.

FOR SALE—½ section in Lake Park region. Good improvements. Near town, church and school. Write the owner, N. D. Gleason, Clear Lake, Minnesota.

BARGAINS IN KAY COUNTY LANDS. Come to the best farming section in the southwest. For full particulars write Chas. E. Vogele, Newkirk, Oklahoma.

FOR SALE—320 acres Bourbon, Kan., fair buildings. Would make good stock farm. \$9,600. J. I. Case Threshing Machine Co., Itasca, Wisconsin.

FOR SALE—240 acre improved farm, 1½ mile from good railroad town, northeast Kansas. For particulars address H. F. Moseman, Soldier, Kan.

FINE CHOICE FARM, fruit, dairy and timber lands, \$10.50 to \$20 per acre, in good climate, also sawmills, address to Harvey Raines, Greer, Idaho.

FOR SALE—640 acres fine farming land in Moor Co. Buy direct from owner and save agent's profit. For particulars write, Geo. D. Johns, Ideal, Texas.

BEAUTIFUL HOMES in southwest Missouri, level prairie farms, no stone, \$30 to \$40 acre. M. Wight, Iantia, Barton County, Missouri.

## REAL ESTATE.

STOCKMEN AND DAIRYMEN, ATTENTION. Cheapest and best stock or dairy location in Minnesota. Big Red Clover district. Clover grows 7 feet tall, 400 acres \$25 per acre, one mile from station, two hours to Minneapolis. Lies beautiful, fine meadow, good water, unexcelled market, school and church facilities. S. Meyers, owner, Phoenix Bldg., Minneapolis, Minn.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months trial subscription. Farm and Real Estate Journal, Traer, Iowa.

TEXAS SCHOOL LAND—Better than Oklahoma. Over 8,000,000 acres to be sold by state, \$1 to \$5 per acre, only one fortieth cash, balance 40 years after date, only 3% interest. Secure a home now. Send \$1 for book of instructions, state law and map. Ashby James, Special Land Atty., Austin, Texas. Reference: American National Bank, Austin.

80 ACRE FARM, 4 miles German Catholic church and schools, 4 miles American town, churches and schools, both railroad towns; 40 acres plowed, balance meadow and pasture; fair set of buildings and 20 rods to school. Price, \$2,100 and purchase pay for growing crops. Price, \$3,400. Whitney & Thayer, St. Cloud, Minn.

BARGAIN—210 acre farm in Sumner county, Kansas. Well improved; good 5 room house; new barn; all smooth level land. Adapted for corn, wheat or alfalfa. Price \$8,200. We have other bargains. Write. Gile & Bonall, South Haven, Kan.

480 ACRES in Phillips county, Kansas, a model home, must sell and go to the mountains. New house cost \$2,500, with phone and mail route. Good grazing and corn land. Good alfalfa, good water. Price \$15,000. Buy of owner. C. H. Gray, Selden, Kan.

FOR RENT for a term of years, improved farm of 480 acres, all fenced, 180 acres under cultivation; near good market, nice location, at \$1.25 per acre, or will rent on shares. Renter can have possession this fall. John Krambel, Ipswich, Edmonds Co., S. D.

WE sell farms anywhere in the United States. If you buy or sell through us, owner and purchaser deal direct. Write for lists and terms for selling. No commission charged. Globe Realty Co., 824 Kansas Avenue, Topeka, Kansas.

SPECIAL BARGAIN in large tracts of Michigan land suitable for sheep or cattle ranches. Also small tracts for farms and fruit. Write for map and particulars. J. E. Merritt, Manistee, Michigan.

DEEDED LANDS and homestead locations; large and small tracts. Enclose dime for maps. Agents wanted. Address W. H. Gammon, Oacoma, Lyman county, South Dakota.

## MISCELLANEOUS.

BLUECHILL'S COMPLETE BUGGY RENEWAL. Makes your old vehicles look like new, by our simple process of applying the renewer yourself. Nothing like it on the market. Will keep its luster for years and will not peel off. Complete outfit, including top dressing, brushes and instructions, prepaid by express, for five dollars. (Top dressing only one dollar.) Cushman with order. Mention color, red, black, or Brewster green. Prepared only by Melster & Bluechill, Wayne, Nebraska.

I WANT TO SEND a sample of our New Patent Steel Tongue into every township. Lighter and stronger than wood, will not break or rot, lasts a lifetime. When one wagon wears out put it in another. Fits any wagon. C. D. Williams, Elmore, Minn.

NEURALGIA—Positive, permanent cure. One dollar guaranteed. A. S. Way, Springfield, Ohio.

POST CARDS—For 10 cents we send you biggest and best pack. John Henderson, Medford, Okla.

## Milton E. Jones Holds Successful Short-horn Sale.

Another successful Short-horn sale was held at Cherry Grove Farm by Mr. Milton E. Jones, of Williamsville, Ill., on Tuesday, June 4th. Breeders were present or represented from Michigan, Wisconsin, Minnesota, Iowa, Kansas, Missouri, Illinois and Indiana. Colonel Woods conducted the selling and in opening the sale called attention to the past history and what has been accomplished by Cherry Grove herd in the show ring. The get of Imp. Lord Banff, the present herd bull in use at Cherry Grove, found ready sale and were widely distributed, a number going to Iowa. The top of the sale was the yearling bull, Scotch Goods, a son of Choice Goods, and out of the noted show cow, Cicely, at \$2,520. Mr. E. W. Bowen, of Delphi, Ind., was the buyer and Mr. John W. Shaw, of Harrisburg, Ill., was the contesting bidder. Mr. Bowen will show this calf this year and no doubt will meet with much success. The female offering was topped by Mr. D. E. Reber, of Morrill, Kan., who secured Good Lassie and bull calf at foot for \$980. This cow is one of the good daughters of Choice Goods, and her bull calf was by Prince of Tebo Lawn. Mr. Geo. Bonewell, of Grinnell, Iowa, secured Fancy 26th with bull calf at foot by Lord Banff at \$650. Mr. H. G. Bowers, of Elmwood, Ill., secured a bargain in May Violet 2d and bull calf at foot by Lord Banff at \$550. Mr. H. F. Brown, of Minneapolis, Minn., was a liberal bidder throughout the sale and among others bought Imp. Scottish Rose and heifer calf at foot by Lord Banff at \$510. Colonel Woods was ably assisted in the ring by Colonels Belows, Jones and Merriam. A list of animals selling for \$100 or over is given below:

FEMALES.  
May Violet 2d, nine years, sire Velvetten Prince, and b. c., H. G. Bowers, Elmwood, Ill. \$550  
Imp. Golden Welcome 3d, ten years, sire Twinkling Star, and b. c., Adkins & Stevenson, Bement, Ill. 520  
Good Lassie, three years, sire Imp. Choice Goods, and b. c., D. E. Reber,

Morrill, Kan. 980  
Ruby of Fairview, five years, sire Lord Lovell, and b. c., E. D. Blinn, Lincoln, Ill. 325  
Fancy 26th, three years, sire Royal Wonder, and b. c., Geo. Bonewell, Grinnell, Iowa 650  
Scottish Rose 4th, two years, sire Imp. Lord Banff, Fred Schoof, Dunkerton, Iowa 300  
Cherry Lady, six years, sire Imp. Scottish King, and b. c., L. H. Pautler, Evansville, Ill. 270  
Cherry Grove Acorn, six years, sire Imp. Sovereign, and b. c., Jerome Hurley, Mt. Carroll, Ill. 205  
Queen Cup Bearer, ten years, sire Imp. Cup Bearer, W. B. Rigg, Mt. Sterling, Ill. 150  
Cherry Grove Fatima 5th, one year, sire Imp. Lord Banff, J. F. Prather, Williamsville, Ill. 415  
Cherry Grove Daisy 3d, three years, sire Cherry Grove Bapton, Adolph Johnson, Hopedale, Ill. 150  
Lady Miranda 5th, three years, sire Village Victor 2d, and b. c., Jas. Pope, Ocoee, Ill. 305  
Scotch Rose, eleven years, sire Scotch Cup, and b. c., Geo. Litterlee, Mt. Pulaski, Ill. 105  
Scotch Rose 2d, three years, sire Imp. Lord Banff, Fred Schoof. 115  
Sarepta May 6th, eight years, sire Nonpareil Prince 2d, and b. c., J. Caldwell, Williamsville, Ill. 145  
Cherry Sarepta 2d, one year, sire Imp. Lord Banff, Jno. W. Shaw, Harrisburg, Ill. 180  
Sarepta Mame, four years, sire Sarepta Boy, H. F. Brown, Minneapolis, Minn. 190  
Pomegranate's Pride, one year, sire Prince of Tebo Lawn, A. Walton & Son, Hudsboro, Ill. 200  
Constance Cherry, five years, sire Imp. Bapton Spice, and b. c., Fred Schoof. 220  
Cherry Sarepta 3d, one year, sire Imp. Lord Banff, Chas. & Walter Denby, Carlinville, Ill. 120  
Cherry Grove Sarepta, two years, sire Sarepta Boy, Denby Bros., Carlinville, Ill. 125

Sarepta Jane, three years, sire Sarepta Boy, A. Chrystal, Marshall, Mich. 185  
Jessie R., three years, sire Golden Charly Prince, and b. c., E. D. Blinn, Lincoln, Ill. 205  
Cherry Grove Fern 2d, three years, sire Imp. Lord Banff, and b. c., John W. Shaw, Harrisburg, Ill. 170  
Cherry Grove Phyllis, two years, sire Imp. Lord Banff, E. D. Blinn. 100  
Cherry Grove Lady 2d, four years, sire Imp. Bapton Spice, and b. c., S. B. Dugger, Carlinville, Ill. 170  
Imp. Scottish Rose, eight years, sire Earl Marshal, and b. c., H. F. Brown, Minneapolis, Minn. 510

## MALES.

Scotch Goods, one year, sire Imp. Choice Goods, E. W. Bowen, Delphi, Ind. \$2,520  
Cherry Grove Banff 18th, two years, sire Imp. Lord Banff, McKeever Bros., Farley, Iowa 555  
Fire King, three years, sire Imp. Chamberlain's Helr 2d, Wm. Bryson, Lake Fork, Ill. 280  
Cherry Grove Banff 17th, two years, sire Imp. Lord Banff, I. J. Dyer, Pittsfield, Ill. 155  
Cherry Grove Banff 28th, one year, sire Imp. Lord Banff, Wm. Penningroach & Davidson Bros., Tipton, Iowa 480  
Cherry Grove Banff 29th, one year, sire Imp. Lord Banff, Geo. B. Peak, Winchester, Ill. 350  
Scottish Banff, one year, sire Imp. Scottish Pride, Henry Adams, Atlanta, Ill. 100  
Cherry Grove Banff 31st, one year, sire Imp. Lord Banff, C. R. Howe, Tuscola, Ill. 110

## SUMMARY.

32 females ..... \$ 8,010; average...\$250  
9 bulls ..... 4,705; average... 522  
41 head ..... 12,715; average... 314

## REQUIREMENTS FOR SANITATION.

Many requirements for sanitation have been laid down by writers, but all that has been written would be invaluable to any stock raiser unless he provided himself with some good disinfectant, such as may be obtained

in the dipping fluids offered on the market. One of these is known as the Camo Fluid. It is manufactured by the Armstrong-Munson Mfg. Co., Des Moines, Iowa. There are hundreds of purposes on the farm for which this dip is exactly suited. It is a very concentrated solution and one gallon makes one hundred gallons of the very best disinfectant. As a sheep dip it is very superior. For dipping thirty-five or forty sheep not more than a half to three-quarters of a gallon of dip is required. This much may be diluted with fifty or sixty gallons of water and in that proportion the dip is guaranteed to destroy ticks, lice or maggots and promote the growth of wool and a healthy condition of the skin. Another splendid use of this dip is to mix with whitewash and paint the mangers and rubbing posts in any shed or stock barn. It is also invaluable in cases of chicken cholera, and when sprayed about the pens and roosts it produces a very sanitary condition and destroys lice and small vermin. Nothing is so handy to have on hand in cases of barb wire cuts as a bottle of Camo Fluid. If it is applied at once to the fresh wound it prevents all infection by germs and makes a healthy wound which will soon heal. As a dip for hogs it is recognized as a thorough eradicator of lice, mange or scurf. Its cheapness recommends it to the use of every farmer and stockman. Any of our readers who are looking for a good dipping fluid should write for descriptive pamphlet and place an order for some of this Camo Fluid. Address, Armstrong-Munson Mfg. Co., Des Moines, Iowa.

## THIS FIRM SELL FARMS.

If you have a farm to sell or any other kind of real estate and are anxious to get the same off your hands at the earliest moment and at the same time realize a good price for it, you should interest yourself in a plan offered for consideration on page 15. The firm which make this offer are one that buy and exchange all kinds of property and are fully equipped to do business of this kind on short order. Write them stating your wants and address Farmers Real Estate & Loan Co., 464 Unity Bldg., Chicago, Ill.



# Lump Jaw

The first remedy to cure Lump Jaw was

## Fleming's Lump Jaw Cure

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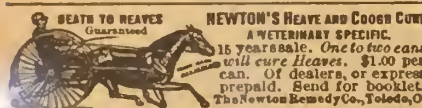
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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### PERIODIC OPHTHALMIA.

I have a brown mule about fifteen years old which gets blind after full moon. His eyes become covered with a white film and discharge water. I bought him last spring and the trouble began to show a few days afterward. I have done nothing except to bathe the eyes with salt water. Can you tell me what to do?

The disease is incurable (periodic ophthalmia or moon blindness), but mule should be kept in darkened stable and painting eyeballs with a solution of two grains of nitrate of silver in an ounce of distilled water at times when they appear milky, may give some temporary relief.

#### SCOURS.

Will you please tell me what to do with my calves? They are about five weeks old. They had the scours, and I lost two. I think it came from separated milk. Have you a recipe to put in the milk?

You cannot have read this department carefully of late, as we have several times given instructions for use of formaldehyde in milk for scouring calves. Mix half an ounce of formaldehyde in fifteen and one-half ounces of distilled water and put in amber-colored bottle. Of this solution mix one teaspoonful in each pound or pint of factory milk or other milk fed to calves and increase to a tablespoonful three times daily if improvement does not promptly occur. Milk should be fed sweet and clean; avoid sour, dirty much-diluted factory milk. Clean up, disinfect and white-wash pens used by calves and see that they are sunny. Always isolate a scouring calf.

#### QUITTOR.

Last fall in October one of my horses kicked into a nail. After it healed the place was a little enlarged just above the hoof. Last winter while using him on frozen roads this enlargement got inflamed. After applying something to draw out the inflammation it broke open at the extreme end where the nail reached, and matter has been flowing ever since. I have tried numerous remedies, but failed. I thought he was catching cold while using him, so I let him stay in the barn for three weeks without results. I consulted a horse doctor two weeks ago, but it is steadily getting worse. The whole leg is swollen. The hoof is a little enlarged just below sore.

A fee of one dollar must accompany an inquiry to which answer by mail is desired. Remove hair from hoof head; cleanse parts thoroughly. Then scrape out the discharging pipe and inject a saturated solution of corrosive sublimate, after which apply a flaxseed meal poultice, renewed night and morning, for a week. Then inject again, after washing and drying parts, and when dry rub in a mixture of one dram of biniodid of mercury and two ounces of cerate of cantharides. Wash blister off in three days; then apply lard daily. Alternate these two treatments until he is sound. It is a bad case to handle and as a rule it would be best to intrust it to the care of a qualified surgeon.

#### BRAIN TROUBLE.

(1) I would like to know what is the trouble with my heifer one year old. She has been running in the pasture with a lot of steers I am feeding. I am feeding the steers all meal along with snapped and shelled corn. A few days ago I found the heifer wandering around the yard. Her neck was stretched out to the right and slightly upward and bleeding from right nostril. In the evening of the same day her head was turned to the left side and when she walked she went around in a circle to the left. I put her in the barn in a box stall and now I think she is blind. She eats and drinks well. Was quite greedy for the oil meal. Would too much of the oil meal cause her condition? What can I do for her? (2) I also have a pig about eight weeks old. Three weeks ago its mother got too much oil meal and got sick. I weaned the pig away from her. Have been feeding pigs in a trough and giving them separator milk. Have fed sows same. I don't think this pig sucked sows any. This morning he had his front feet spread apart and kept turning his head to the left and I put him in a box and in a short time he seemed to be having a fit, and squealing and shaking. Also would too much meal cause such a condition?

(1) Feed has nothing to do with the trouble, but it seems likely that heifer sustained a blow or other injury of the head causing bleeding and other symptoms noted. Treatment will not be likely to benefit the case. Feed lightly and possibly time may lead to improvement. (2) Over-feeding on any rich food will

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NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.

cause such fits. Put on a light diet without rich food after physicking with castor oil or epsom salts.

#### HAIRLESS SCAR.

I have a horse that was sweened last spring, for which she was blistered with some sharp medicine which caused the hair to come off on her right shoulder. Now, there is a big bald spot there. Do you know of a treatment that will make the hair grow?

Nothing that can be done will cause the hair to grow again, as the hair roots have been killed. The blister was not suitable for the purpose, else sloughing of hair and skin would not have occurred. Blisters such as we have prescribed here will not cause such trouble.

#### DETERMINING AGE OF SHEEP.

(1) How may the age of sheep be told? (2) What is the cause of some of the lambs coming dead at birth and some are very weak?

(1) The age of a sheep is determined from appearance of incisor teeth in front. Up to about one to one and a half years of age the teeth are "milk" teeth, but at that time the middle pair are replaced by permanent incisors which are larger and broader than milk teeth; at two years the next pair come in; in another year to a year and a half the next pair come in and at four to four and a half years the eighth permanent incisors are in place. According to breed and manner of care and feeding teething may be somewhat hastened or retarded. (2) Lack of proper feed or feeding injurious foods and constipation from coarse dry fodder cause weak or dead lambs at birth. If you had described your methods of managing and feeding ewes we could have pointed out the probable error.

#### YEAST TREATMENT.

I would like to receive some information as to the preparation and use of the yeast treatment for breeding purposes. Will any form of yeast answer the purpose?

It is usual to make the mixture from compressed yeast, but we see no reason why a yeast preparation of any sort suitable for making bread should not prove equally effective. The mixture is prepared as follows: Stir to a paste with a little warm water one cake of compressed yeast and allow to stand in moderately warm room for twelve hours; then stir in a pint of luke-warm, freshly-boiled water and allow to stand as before for eight to twelve hours when mixture will be ready for use and simply has to be injected into vagina of cow or

mare with a large syringe or hose and funnel after flushing out the passage with warm water. Use the mixture at once on any barren cow or mare and have her bred when first she is seen to be in heat. If she does not conceive, open mouth of womb at next period of heat, as soon as period is noticed; then inject the yeast mixture and have her bred just when period of heat is ending. Repeat the treatment each period of heat until animal conceives. We trust our readers will clip this answer out and preserve it for future reference.

#### CAPPED KNEE.

I have a cow seven years old which has had a swelled knee for the last year or two. The cow did not go lame until last November. When I noticed her going lame I shut her up in a hog stall about eight days; then she was all right again, but the swelling had not disappeared. I have not used any medicine on her. The swelling feels soft under the skin. What can I do for her?

Cow bruised her knee and a serious cyst has formed which may safely be treated by inserting a tape seton through it from top to bottom for removal of liquid. It would be better still to have a qualified veterinarian open the sac freely from below, evacuate the liquid, inject full strength tincture of iodine and then pack once daily with oakum after repeating the injection.

#### TAIL RUBBING.

I have a roan mare nine years old that is losing her tail. She is in good flesh and with foal. There are stiff, short hairs about an inch long coming in. Will you kindly tell me through the columns of your paper what is the trouble and what to do for her?

She is rubbing her tail on account of over-feeding and lack of exercise and possibly from collection of sebaceous irritative substance between teats or between thighs and udder. Wash latter parts and apply Fuller's earth freely. Reduce grain ration, especially corn, and increase exercise. She should have a roomy box stall when in stable and a wide plank should be fixed on each wall of stall, like a shelf on brackets set just high enough to strike quarters well below tail, so that tail root cannot be rubbed on boards. Wash tail once with soap and hot water; then saturate skin down to hair roots with a creamy mixture of flowers of sulphur and raw linseed oil, to each pint of which has been added an ounce of coal tar dip and half an ounce of oil of tar. Repeat the application every three days and without washing.



## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### THE SILO MORE POPULAR.

It requires volumes of advertising and of editorials to introduce new methods and ideas on the farm. Perhaps no one subject has received so much attention of late as the silo. Every farmer is, or at least should be, fully acquainted with the merits of silage. More hesitancy, however, is shown throughout the corn belt in building silos than seems justifiable in view of the success which has resulted from the use of silage on representative farms throughout the country.

As an indication of the attention that is being given the subject throughout the corn belt we call to mind an instance where at one of the state fairs last year 10,000 farmers signified their intention of building in the near future. Practically every farmer or stockman is converted to the merits of silage. His public confession takes the form of a tall circular structure behind the substantial red barn.

Silo manufacturers have been kept unusually active the past winter answering questions and inquiries from prospective builders. As a source of information, these individuals are pretty reliable advisors. Many firms offer booklets and descriptive literature for the asking that contain very desirable information for those about to build. We suspect there are a good many farmers, and good ones too, throughout the corn belt, that would have a silo if they could buy it as they do a corn binder or a wagon box, that is, ready to use as soon as it reached the farm. The ever engrossing farm work and the bother of building seems the

principal barrier in the way of getting a silo on many farms.

The idea of building a silo in a night should be dispelled. Whoever erects a silo should do it with the intention of making it a permanent feature of the farm management. With this idea in mind it will certainly be no waste of time to give the matter plenty of consideration. That, however, does not mean a lifetime of considering, for some men never get any further than the consideration of a problem.

The advice that we would give every prospective builder is to get next to the situation as close as possible. Study the needs of the farm and the types, cost and management of a silo. No farmer of persistent mind need be afraid of making a failure. The storing and feeding of silage is far beyond the experimental stage, and eventually every stock farm will be equipped with some form of silo.

Possibly there may be a failure but what can it amount to in comparison to the possible gains. This year promises to afford a good opportunity for the building of a silo. The forage crop will be short. Grain is and will remain up in price, and economical feed such as silage may be a saving means before the next season's food supply is available. Study the situation. It is a good thing to keep posted, at any event.

### The Difficulty of Finding Good Cows.

To the Editor of The Homestead:

I have been greatly interested in some of the contributions that have appeared in the dairy department of your paper, especially those from college men in which they point out to farmers the folly of keeping a dairy cow that will only make 125 or 150 pounds of butter a year. You would think to read some of the statements made by those men that it had only recently been discovered that a so-called 300-pound cow is incomparably more profitable in a dairy than one making only half this amount of butter.

I would like to know how it helps a farmer any to tell him to get rid of his loafers and substitute in their place the good kind of cows. The facts in the case are there are not enough good ones to go around, and if all the poor ones were sent to the shambles, dairy products would be so high in price that they would be a luxury, entirely out of the reach of the working people.

I have been in the dairy business for more than twenty years, and believe that I know a good dairy cow when I see her about as well as the other fellow. I appreciate the fact that there is immensely more profit in a good cow than in a poor one, and because of this I buy a good one whenever the opportunity is presented. From this kind I try to increase my herd by raising my own stock, and of course use a pure-bred male of the dairy breeds.

What is the outcome of my efforts to raise the good kind? Well, I find that about one heifer in five will make a 300-pound butter cow. Some of those with the most promising kind of sire and dam will grow up to be boarders only, and of course I have to keep them at least a year to find out just what is in them. I therefore have a considerable number of the so-called unprofitable cows on my farm all the time, and am utterly unable to prevent this from occurring.

I would suggest that the college men who are investigating dairy problems should say less about the importance of discarding the poor cows and coming into possession of the good ones and do more along the line of establishing principles as to how farmers can fix the dairy type when they find it in their herds. I have visited more than one experiment station and have found some very good dairy herds, but upon inquiry I generally find that most of the cows have been purchased. With their long purse, which of course belongs to the state, these men are on the constant outlook for good dairy cows and when they buy one they ship her home no matter what the price is. If the records of their dairy herds, considering the cost of cows, were looked into I doubt if they would show a balance on the right side of the ledger. A dairyman who is in the business for profit cannot spend his whole time looking for cows, and even when he sees the right kind he is of necessity obliged to keep within bounds when he purchases, otherwise he will have so much capital tied up in his business as to make it impossible to realize a profit.

The production of a dairy animal is a

## Lost Strayed or Stolen—One Cow

That is about what happens each year for the man who owns five cows and does not use a Tubular cream separator. He loses in cream more than the price of a good cow. The more cows he owns the greater the loss. This is a fact on which Agricultural Colleges, Dairy Experts and the best Dairymen all agree, and so do you if you use a Tubular. If not, it's high time you



did. You can't afford to lose the price of one or more cows each year—there's no reason why you should. Get a Tubular and get more and better cream out of the milk; save time and labor and have warm sweet skimmed milk for the calves. Don't buy some cheap rattle-trap thing called a separator; that won't do any good. You need a real skimmer that does perfect work, skims clean, thick or thin, hot or cold; runs easy; simple in construction; easily understood. That's the Tubular and there is but one Tubular, the Sharples Tubular. Don't you want our little book "Business Dairymen," and our Catalog A. 12 both free? A postal will bring them.

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# IMPORTANT CROP FACTS

Farmers generally are very "blue" over the unfavorable grain crop outlook at this time, but there is one crop that they need not feel doubtful about and which becomes of even more than usual importance to them by reason of the uncertain prospect as to other crops, and this is the MILK CROP, which continues month in and month out, regardless of good or bad weather, and of which it has been said "the harvest never ends."

There is nothing doubtful about the outlook for the MILK CROP. Dairy product prices have been high and are sure to continue so. The uncertainty about other crops makes it all the more important to make the MOST of the one that is sure. There is only one way to make the MOST of it, to be certain of recovering all the butter-fat with the least effort and under the most favorable conditions, and that is with the help of

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Every farmer with milk to separate needs a separator, and there never was a better time to make the purchase of one. There can hardly be good reason to defer putting in a machine or replacing a poor one with a DE LAVAL. Machines are made in all sizes to meet all conditions, and may either be bought for cash or on such liberal terms that they will actually save their own cost while you are paying for them. Catalogue with full particulars is to be had for the asking.

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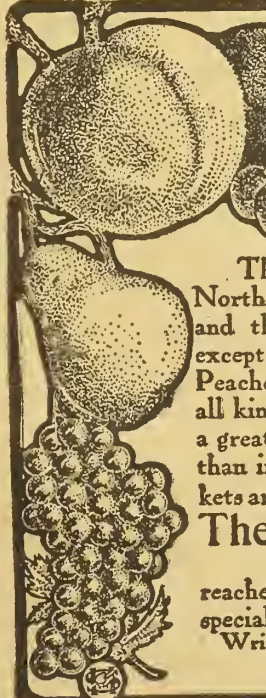
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reaches all the above districts and offers special inducements to those seeking locations.

Write to-day for free descriptive booklets.

S. K. HOOPER, GENERAL PASSENGER AND TICKET AGENT, Denver, Colo.



matter of guesswork largely, because I find that some of the most unprofitable cows I have ever owned were pure-breds of the dairy breeds. I say again let the colleges fix a dairy type that will reproduce itself and encourage farmers then to use this kind of stock. If they will keep from going outside of their own herd in the buying of females they will find that in a very few years they are just where the farmer is, owning, as he does, a few good cows with a rather thick sprinkling of loafers among them.

Scott county, Kan. Subscriber.

### KEEP YOUR CHICKENS HAPPY.

Don't allow your poultry to become a prey to vermin. That is poor management when such an efficient lice killer as Zenoleum can be had so readily and so cheaply. This famous disinfectant is not poisonous, it does not saturate the house as kerosene does and make it dangerous and likely to burn up at any time, and there is nothing explosive about Zenoleum. Spray the houses, nests and roosts and dip the chicks and fowls themselves. There will be better feeling and more thrift among the grown fowls. There will be more industry and singing among the laying hens, and there will be more eggs than when they stand around fighting lice a good part of the time. It does not cost much. Most every dealer carries Zenoleum in stock and you can get a can for twenty-

five cents. You can get a whole gallon for \$1.50, and that will make one hundred gallons of disinfectant for spraying purposes. Just think how far one hundred gallons of disinfectant will go in the average poultry house. Why it will last you a whole year. Besides Zenoleum is a mighty good remedy for other things besides lice and fleas, for instance, cholera, roup, scaly leg, etc. You could not think of a single investment around the chicken house that would make more money for you than a can of Zenoleum. Have you a copy of that little booklet called "Chicken Chat?" You can have one free for the asking, if you drop a line to the Zeuner Disinfectant Company, 128 Lafayette Ave., Detroit, Mich.

### UNITED STATES JUDGE WHO SPEAKS FROM POSITIVE KNOWLEDGE OF THE TREATMENT.

Judge Louis Sulzbacher, United States Judge for western district of Indian Territory, Okmulgee, I. T., says: "Drs. Thornton & Minor, Kansas City, Mo. My intimate relations with the head of your faculty and his gentle treatment of myself and other members of my family make it possible for me to give absolute assurances of fair and skillful treatment to all who seek your services." The above is certainly a splendid endorsement for Drs. Thornton & Minor, of Kansas City, Mo., specialists in piles and other rectal diseases. No comment is necessary. Anyone suffering with such troubles will be sent particulars free if they will address Drs. Thornton & Minor, 1010 Oak St., Kansas City, Mo., and mention this paper.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## How to Rid Sitting Hens of Lice.

To the Editor of The Homestead:

A chatty little Kansas woman one day found herself talking in a circle of friends, where a free exchange of poultry experiences was going on. All agreed that her success in an unfavorable season had been remarkable, and she was urged to give some of her methods for the benefit of others. The women present had been complaining much about the sitting hens literally dying on the nest from mites, and as Mrs. Brown had not suffered loss in this way, she told her way of proceeding as follows: "I don't want to claim superior wisdom, for I am no wiser than my neighbors. All that is needed is care and forethought; I reasoned the matter out for myself why the hens die in this way, and I set myself to finding a method of prevention. I never set a hen in a stationary nest box. Right here is one cause why so many hens throw up their jobs in disgust. I want a box that can

be turned upside down if necessary. I hang mine on screws. Select your place for the box, put in two large screws about a foot apart, make two holes about five inches from top of box, also a foot apart. I make these holes a trifle larger than the screw-heads, and then cut a slot in the top of the hole long and wide enough to drop down over the screws easily. Then I hang my box on the screws and it is as tight and secure as possible. Soap boxes are as good for this purpose as anything.

"Then I begin to whitewash. Mites cannot live in lime, and so I use it freely. I whitewash my poultry houses, and I also whitewash my nest boxes. Of course I put in clean litter, and am careful in everything. As soon as the hen hatches, I take the box down off the screws, carry it out doors, and make a bonfire of all its contents. Then I whitewash the box again, and it is ready for another sitting."

"My," interrupted one of her listeners, "I can't find time to fuss so much. It must be you don't have as much to do as most farmers' wives."

The wise little woman smiled. She had five small children, a large dairy, and several hands to cook for. But she answered serenely:

"I am too busy not to make every effort successful the first time. It would take more time to 'fuss' over hens dying with the mites, and losing whole hatches of eggs right in the hurrying season, than to prevent such troubles in the first place. One coat of white-wash saves me numberless steps and many hours of time, to say nothing of the increased profit in successful hatches. After the boxes are once fixed, it really takes little time to keep them going."

"Well," exclaimed another woman, "I've surely learned something today. I'm going home to revolutionize things on my place, especially among the fowls. My hens have been dying, and I thought it was a sort of fate that came some seasons, but if what my neighbor here has said is true, it's downright neglect and laziness on our part."

A sort of chorus of approval followed her little speech, and the fruits of this little experience meeting appeared in more than one poultry yard in later days.

Mrs. S. B. Titterington.

## Depluming Mites.

To the Editor of The Homestead:

Mrs. Ida M. Green writes:

Could you or some readers of this department kindly give me a remedy for what is called depluming mites or lice on chickens. They eat off the feathers around the neck and back, making them look all fuzzy and ragged. I have read somewhere that the ordinary louse remedies do not reach them, as they eat in the quill.

It has been commonly supposed that feather-eating was a vice arising from idleness or lack of exercise, indigestion, etc. This is a fallacious idea, although it still has its advocates. Not long ago the Great Britain Board of Agriculture issued a leaflet reviewing parasite insects which attack fowls, thus described this ailment and pest:

"Feather-pulling in poultry is due to a minute parasite mite at the roots of the feathers, instead of being, as is generally supposed, a vicious habit, or being caused by any other of the numerous absurd theories, usually put forward in accounting for it. These mites are at the base of the quill in the powdery matter. They live upon and irritate the base of the quills of the feathers until the fowls pluck out the feathers to destroy the irritation caused by these pests. There are two kinds of feather-eating, viz.: Self-feather-eating and the plucking of other birds' feathers."

To cure the trouble, says Alma Cole Pickering in Commercial Poultry, remove the fowls, then disinfect and thoroughly clean the poultry house. Burn all nesting and scratching material. If possible, replace with new all roosts, dropping boards and nest-boxes. If this cannot be done, carry those that have been in use to a safe distance from all buildings, pour kerosene over them, ignite the oil and the fire will usually run over the surface so rapidly that none of the wood will burn to injure. Take the precaution to have water handy to puff out the fire. Dust each fowl carefully and grease all bare spots with carbolated vaseline before allowing them to enter the freshly renovated building. It may be well to grease every third day until the stubs of the new feathers begin to appear. Mrs. S. B. Titterington.

## POINTERS.

—Messrs. Henry Schlatter & Son, of Law-

## PLYMOUTH ROCKS.

**SOME FINE** Cockerels at \$1.50 each up to \$2.50 each. Twenty years breeder Barred Rocks. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand yards mated, 3 for chicks. 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva E. Girard, R. F. D. 2, Schleswig, Ia.

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, - Portsmouth, Ia.

**BARRED** Plymouth Rocks exclusively, Bradley and Russell strains; are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

## BARRED P. ROCK EGGS

FROM high-scoring stock of the best strains known to the breed and are excellent layers, \$1.50 per 15 eggs. Twenty years a breeder. J. L. SLICK, - LANARK, ILL.

**B. P. ROCK EGGS** From extra large boned stock, straight barring to the skin. Yards headed by cks. and cks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners, sired by state show prize winners; females 7 to 11 lbs. Reduced prices, \$1 per 15 eggs; \$1.50 per 30. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

## Barred Plymouth Rock Eggs For Sale

**BRADLEY BROS.**, the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

**BARRED P. ROCK** Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; per \$2.00. C. G. Good, Ogden, Ia.

**EGGS** FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa

**BUFF** P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa

**BARRED** Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa

**BARRED ROCK** EGGS, 15 eggs, \$1.50, \$2.00, \$2.50. Blue Barred Ringlet strain with scores to 92. Henry Schlatter & Sons, Lawler, Iowa.

**BARRED** Plymouth Rock eggs of Bradley and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

## BRAHMAS.

**OTTUMWA** Poultry Yards—Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

**LIGHT BRAHMAS** Eggs at 50cts. a sitting. \$1.75 for 50 and \$3.00 per hundred. Address: Mrs. J. M. Dries, Ashton, Ia.

## RHODE ISLAND REDS.

**RHODE ISLAND REDS.** CHICKS from standard S. C. Rhode Island Reds \$3 per doz. Mrs. F. W. McIntyre, Red Oak, Iowa.

## ORPINGTONS.

**GOLDEN** S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.25 for 26. A. LaFevre, Earlville, Iowa

## DOGS.

**DOGS FOR SALE** AND ALL kinds of pet and live stock. Send 10 cents for sixty-page descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, - Pa.

**FOX TERRIERS.** Pups from registered parents, excellent workers on all kinds of vermin. Will guarantee pups to make good ratters. Males \$10, females \$7.50. C. H. Drake, Hazelton, Iowa.

ler, Iowa, send us prices on their stock of Barred Rock eggs which are to be found on this page. This strain is the Blue Barred Ringlet and the flock records birds that score 92. Write your wants to this advertiser and kindly mention The Homestead when so doing.

## RHODE ISLAND REDS.

On this page of this week's issue will be found the advertisement of Mrs. F. W. McIntyre, Red Oak, Iowa, who is offering Rhode Island Red chicks from standard strains at \$3 per dozen. She writes: "My red fowls are extra good layers, large and well colored, scored breeders, from 91 to 93½. I will have eggs and chicks for sale all summer." Any of our readers who want Rhode Island Red chicks or eggs should write Mrs. McIntyre, and kindly mention The Homestead.

## ALL IN ONE SECTION.

One square section of Kansas farm land is priced on page 15. As to location the tract is but a mile from railroad station and is in a good farming region. Nearly one-fourth is under plow, however, practically all is tillable. Improvements consist of a five room house, water supply and out buildings. Percheron or Shire stallion will be taken in trade as part price. Address for fuller particulars, A. J. Palmer, El Dorado, Kansas. Mention this paper when you write.

## MONTANA LANDS.

Land at ten cents an acre is advertised on page 15. We are not able to give particulars regarding this offer further than to state that it is situated along the line of the Great Northern Railway in Montana. This land is fine rolling prairie, covered with good grazing grasses, and no doubt this offer opens a good opportunity for investment in cheap western lands. For further particulars address Mr. Leo B. Coleman, Glasco, Mont., secretary Commercial Club. Kindly mention this paper when you write.

## LEGHORNS.

## S. C. White Leghorn Eggs

I WILL MAKE SPECIAL PRICES ON EGGS for hatching during the month of June. All eggs carefully selected. Write for prices. R. E. BROWN, - RICHLAND, IA.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

**ROSE COMB** BROWN Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each; \$5.00 per 100. T. A. Daveuport, Belmond, Iowa.

## PRICES REDUCED.

**ROSE** Comb Brown Leghorn eggs, 25, \$1; 50, \$2; 100, \$3. Address, Ella Tharp, Mt. Sterling, Iowa.

**SINGLE** Comb Brown Leghorns, Kulp strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

**S. C. B. LEGHORN EGGS** Thirty eggs for 60 cents or \$2.50 for one hundred. Mrs. H. C. Lambert, Authon, Iowa

**ROSE COMB** Brown Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. 1 pay express charges. D. W. Nickerson, Marble Rock, Ia.

**ROSE COMB WHITE LEGHORNS** Eggs, thirty for \$1.50; \$4.00 per hundred. M. T. McEvoy, Emmetsburg, Iowa

**ROSE COMB** White Leghorns. State Fair prize winners, eggs 75c per 13; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa

**ROSE COMB** Brown Leghorns exclusively. Eggs for hatching. Balance of season \$4.00 per hundred. Write, F. Bowman, Eldora, Iowa.

**Rose Comb Brown Leghorn** eggs, 30 for \$1.00 on incubator lots. Mrs. Laura Dwyer, Clarksville, Ia.

## WYANDOTTES.

**WHITE** WYANDOTTE EGGS, \$1.25 per 15, \$2 per 30, \$5 per 100. Hens score 95 to 98½. Address, Mrs. L. M. Estes, R. 2, Audubon, Ia.

**WHITE** WYANDOTTE EGGS REDUCED TO 75c per fifteen, \$3.50 per 100, remainder of season. W. S. Gregory, Roselawn Farm, Keota, Ia.

**SILVER LACED WYANDOTTE EGGS** For \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

## LANGSHANS.

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa

**BLACK LANGSHAN** eggs, \$1.00 per 15, \$1.75 per 30, \$2.25 per 45. Fresh eggs from farm raised stock. J. M. Cameron, Oskaloosa, Ia.

## DUCKS.

**COLOR**ED Muscovy duck eggs, \$1.25 for eleven. Mrs. T. W. Glass, Route 4, Sac City, Iowa.

## MISCELLANEOUS.

## Pheasant, Duck, Geese, Brant &amp; Chickens Egg.

VARIETY.	NO.	PRICE.	VAR.	NO.	PRICE.
Wild geese.	-	7, \$3.00.	PHEASANTS	-	-
Wild Mallard duck,	13,	3.00.	Golden,	13,	\$5.00
Bar'd Rock 11 egg,	13,	1.50.	Silver,	13,	5.00
White "	13,	1.50.	Eng. R. Neck,	13,	3.00
Wild White Brants,	7,	3.00.	L'y Amberst,	7,	5.00

Address, DEER LAKE PARK, SEVERY, KAN.

## AFTER JUNE FIRST

I WILL turn all pens on free range and sell eggs at \$1 per 15, \$5 per 100. 100 hens for sale at \$1 each. Send for catalog. Margaret C. Daly, - Anamosa, Iowa.

## White Holland Turkey Eggs

FOR SALE, also Barred Plymouth Rocks from high scored birds. White Holland turkey eggs \$2.50 per 11, Barred Plymouth Rock eggs \$1 per 15. Mrs. Jessie Teale, Route 4, - Lamoni, Iowa

**MAMMOTH BRONZE** White Holland turkeys Barred and White P. Rocks. Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

## BLACK SPANISH EXCLUSIVELY

FOR 11 years. Winners at Kansas and Missouri's best shows; also the World's Fair. 50 hens, 7 cocks for sale at prices that will move. Eggs ½ price balance of season, 75c per 15. H. W. Chestnut, Centalla, Kansas.

**SILVER LACED WYANDOTTE** EGGS \$1.00 for 15. Buff turkeys \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

**ROSE** Comb White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 26, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashlon, Iowa.

**20 EGGS \$1.00** Barred, Buff, White Rocks and White Wyandottes and White Leghorns from birds that always win prizes. J. T. Molloy, Albion, Ia.

**FOR SALE** Barred P. Rock eggs, 26 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa

**EGGS** S. L. Wyandottes, \$1.15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys 2.50 per 9. Choice stock. Mrs. F. R. McLaughlin, Manning, Ia.

**MAMMOTH BRONZE** Turkey eggs. Also Pekin duck eggs. Turkey, \$2.50 per 9; duck, \$1 per 11. Mrs. A. Kitson, Audubon, Iowa.

**UPLAND** Poultry Farm eggs from L. L. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2, 100 for \$3.75. Albert Hanft, Waukegan, Iowa.

**KRESO DIP**

**"KRESO" KILLS ALL KINDS OF LICE. KRESO-DIP CURES MANGE & SCAB, CUTS, WOUNDS, SORES, RINGWORM etc. KILLS ALL GERMS. EASY & SAFE TO USE. TRY IT**

**FOR ALL LIVE STOCK**

**HARMLESS. EFFECTIVE. INEXPENSIVE. STANDARDIZED**

**SEND FOR FREE BOOKLET ON CATTLE HORSES HOGS SHEEP POULTRY DOGS**

For sale at all drug stores.

**PARKE, DAVIS & CO.**

Home Offices and Laboratories, DETROIT, MICHIGAN.

**WATCH FOR MITES**

Spray Lee's Lice Killer into every crack and crevice of your poultry house. Paint it on the roosts. Don't let lice and mites get a foothold this year. Lee's is the original liquid lice killer, strongest and best. No handling, dusting, dipping or greasing. It kills them all. Price \$1.00 per gallon. One gallon express prepaid for \$1.25. GEO. H. LEE CO., OMAHA, NEB.

## "Hits the Bulls-eye of the Rockies"

COLORADO - UTAH NEVADA - CALIFORNIA

"There and Back."

Excellent Dining Car Service "Meals On Wheels—Serves you right."

Through Standard and Tourist sleepers. Daylight Across the Rockies

## MIDLAND ROUTE

F. L. FEAKINS, GENERAL AGENT, 219 South 14th St. Omaha, Neb.

C. H. SPEERS, G. P. A., - DENVER



## OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

### Docking and Castration of Lambs.

To the Editor of The Homestead:

With beginners in sheep management, and oftentimes with those who have handled sheep more or less, there is always some apprehension as to docking and castration. It is a simple thing to perform either of these operations and yet certain things are demanded if success is to follow them.

First, do not allow the lambs to become too large. Lambs, if properly handled, grow rapidly and docking or emasculation is quite proportional in severity and in checking of growth to the age of the lamb after about two weeks. The lamb should therefore be about two weeks old and in a healthy and vigorous condition. If these conditions prevail, the ram lambs will undergo both operations at the same time with little harm.

There are many methods of docking that are quite successful, each of the better methods being advocated generally by experienced shepherds who have become accustomed to their own ways. One of the very best authorities we know of advocates the use of hot pincers. These are shaped like large shoeing pincers, only with wider jaws, a wider opening, and they are much heavier. The edges should be thin, not overly sharp, and thick back from the edge to hold the heat. Any blacksmith will be able to fashion such pincers. To use them, first prepare a board with a hole in it of sufficient size to admit the tail, this being to protect the buttocks from the heat. Heat the pincers to redness and pinch off the tail. The heat sears the part, and prevents much bleeding.

Another method, and one which we have always used with success, is simply the use of a sharp knife. Have an attendant hold the lamb, the best way being to hold it with the feet upward and outward, grasping a fore and hind leg with either hand and allowing the

lamb to rest its buttocks on the attendant's knees, with its back towards him. The operator then grasps the tail with the left hand, extends it, and with the right hand severs it at a single stroke of the knife. Always cut the tail from the under side, also make one stroke do the work. Bleeding will rarely be profuse, but should it be so a cord may be tied about the stump to check the flow. In all docking, no matter what the method used, an antiseptic should be applied afterward, as a preventive of infection. Any weak astringent will do, or lard and turpentine is quite good, and usually at hand. Late March and April lambs must be noticed daily after docking to see that flies do not attack the stump.

Castration of the young lamb is just as simple a matter as the docking. Have the lamb held in the same manner. With a sharp, clean knife cut off the end of the scrotum, removing about one-third of it. With the left hand force the testicles to emerge, and then they may be pulled out one at a time by grasping firmly between the thumb and forefinger of the other hand. Draw out the adhering cord with the testicles and then apply a little of the antiseptic ointment. Do the castrating first and then dock afterwards just before letting the lamb down. If any lamb swells about the scrotum, it should be examined and the wound opened to let the pus escape. In all these operations use clean tools, and you will have a minimum amount of trouble.

Story county.

Ellis Rail.

### Establishing a Flock of Sheep.

To the Editor of The Homestead:

"Breed straight and breed up" should be the motto of every live stock farmer. It is a rule especially good to follow in sheep raising. There is good reason to believe that the present high prices for wool and mutton will continue for some years, and many farmers are acting accordingly. They should decide on a certain breed and a certain type and stick to their ideal.

The flock on this farm was founded nearly twenty years ago and the value of consistent breeding is now apparent. The first ewes were "Westerns," ranging in type from almost pure merino to the long-wooled, white-faced kind. Year after year good Shropshire rams were used, and year after year the wrinkles disappeared, the white faces grew dark, and today nothing but a flock of pure-bred Shropshires can equal this one as a combination of wool and mutton.

I have observed several cases of disappointment in farmers who would be sheep raisers, but who sell their flocks in disgust after two or three years. The trouble has been usually too many sheep, since so few have had experience with them. This animal is one hard to know. His wants are not numerous, but unusual. His tastes are human-like; his ways are to be learned. So let no one think that with an equipment of yards, sheds, etc., sufficient for cattle, hogs and horses he can at once introduce sheep in such numbers as the farm will profitably keep.

Twenty-five ewes on a quarter section farm are quite enough as a beginning for one inexperienced with sheep. His sheep lore will grow with the flock, and



The above is a photograph of Mr. A. E. Martz, of Liberty, Neb., who made a winner of the great Duroc boar, Junior Jim.

## \$79.00 Solves Your Power Problem

Seventy-nine dollars will bring to you—free from jobber's, dealer's or agent's profit—a two horse-power

## ELI Two Cycle GASOLENE ENGINE

The ELI is not an experiment. Ask the man who owns one. His word is better than any talk from us. On top of this as a guarantee add our forty-four years of increasingly successful business and you must know that the ELI is all we claim for it.

991 ELI'S in Iowa alone to date are endorsing our guarantee by running day in and day out, week in and week out, without a stop for repairs. Isn't that a record to be proud of? Then bear in mind not one of these engines has had to be returned for the purpose of reboring the cylinder—no, not even to replace a worn piston or cross head. And the first ELI is still running just as it did the day it left our shops.

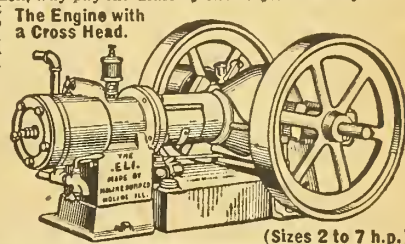
These are facts—facts proven by years of experience. They prove the ELI to be dependable under any and all conditions. If this was not true, the manufacturers of four-cycle, yes, and of other two-cycle engines would not fight us so hard. Only successful men or manufacturers who have a good thing are fought in the business world.

Yet another point. You believe your dealer being near and will repair or adjust your engine for you if anything should go wrong. The ELI gives no trouble. Nevertheless, should anything happen, experience proves that nine times out of ten the dealer knows little or nothing of what is needed and takes your troubles directly to the manufacturer. Then, why pay the dealer \$20.00 to \$75.00 merely for the privilege of trading with him? Why not go direct to the manufacturer in the first place? We believe this is the only successful policy for both of us, and therefore have adopted it. Why shouldn't you? Send for our free catalogue and investigate for yourself. You cannot afford to pay for your dealer's mistakes.

Moline Pump Company (Established 1863),  
205 Twentieth Street, Moline, Illinois.

Also manufacture "Illinois" 20 h. p. runabouts, "Kid Auto" children's hand cars, iron pumps, marine motors, etc.

Our 991 Enthusiastic Iowa Users to Date  
Are Our Best Advertisement.



(Sizes 2 to 7 h.p.)

## BINDER TWINE FACTORY TO FARM at Lower Prices than Dealers Must Pay the Trust. Farmers wanted as Agents.

AUGUST POST, MOULTON, IOWA.

it may easily be that other stock are found less profitable.

As to the breed of sheep, it is generally admitted that the Shropshire offers the best combination of wool and mutton producers. It is a hardy breed and a flock of Shropshire sheep is especially handsome. But the foundation flock will be an expensive one if high-grade ewes are bought. Merino blood fixes the tendency to heavy wooling, the ewes make good mothers, and so it is an excellent plan to obtain the first crop of lambs from a bunch of ewes, probably of western raising, that have the wrinkles and the short legs. On such ewes one may use a strong, upstanding ram with good body, fleece receiving secondary attention, but after the first few generations the sire must be of that dual-purpose kind for which the breed of Shropshires is noted.

The most valuable advice to give is, "get experience." A hint that is especially good, however, as lambing time approaches is, be prepared to give special care to some of the new arrivals. It is surprising to observe how much heat a chilled lamb will absorb and be better for it. Some lambs will be orphaned by the death or desertion of the dam; some ewes too nervous or some lambs too "thick-headed" for the first suck, and if this is missed the second assuredly will be.

L. E. Kelsey.

Hardin county, Iowa.

Buy the Ram Now.

To the Editor of The Homestead:

There is one fact that can never be impressed too strongly upon any flock owner, and that is that the ram is half the flock. Moreover, he is the important half. It is through him that improvement in the flock is brought about, whether it be in form, wool, breed, type, or what not. In the older sheep breeding countries this is a well recognized fact by the raiser of market sheep, as well as by the breeder of fancy animals. The English flock master does not hesitate to use rams costing perhaps \$100 to produce lambs for market purposes, and it is only by the income from his flock that he is able to pay the high rent he must give for the land. And he has found that it is only by the use of the best rams obtainable that sheep farming will pay under such conditions.

But here in this section of the West, and not only here either, the farmer has been slow, very slow, to recognize this fact. "What," says he, "is the use of paying more for a ram, when my neighbor will sell me one for five or ten dollars?" The least amount of calculation will convince any business-like person that there is money in the better sire. An increase of one pound of wool, and quality and better form such that the lamb sells for fifty cents more per head means an increase in the value of the lamb of seventy-five cents. Multiply this by forty or fifty lambs and you

## VARICOCELE Cured Free

Positively and permanently in from 7 to 10 days. No money accepted until the cure is completed.

DRS. FELLOWS & FELLOWS CO.,  
323 Rollins Block, Des Moines, Iowa.

have the price of a good ram in one year, as directly returned in dollars and cents. But the ram is serviceable for from two to four years. Again the larger value of his offspring for breeding purposes, we mean the ewe lambs, and the better lambs that may be raised from them must also be considered in the result of using a good sire. Directly said, the use of the high-class sire is progression; the use of the inferior ram is retrogression. Much more there is that could be and should be said on this question, but we wish to get at the aim of this article, namely, buy the ram now.

Good rams are not the most plentiful things in the world, and the progressive shepherd knows it; hence he is looking early in the season for a ram such as should head his flock. Get in the game early, my friend, you who have just begun handling sheep, or you, friend, who have made a mediocre success with sheep for some time. Select your ram when the whole bunch is there, and don't be forced to take what the others have left. It is simply a case of getting ahead of the other fellow. We have tried to point out briefly the advantages some of them, of the superior ram, but it is up to you to make your selection early enough so that you have practically first choice. Do this and you will not be disappointed.

There are some other advantages in this early purchasing other than the mere getting of the best animal. While all precaution should be used to secure animals free from disease and parasites, yet there is always some danger. Early buying gives time for a month, two months or more of quarantine, time to see to your satisfaction that your purchase is entirely healthy. He has also time to accustom himself to his changed surroundings, feed, etc., and if from any unfortunate cause in transferring him from seller to buyer he becomes sick, crippled temporarily, or put out of condition in any way, there is ample time for complete recuperation before the breeding time. In fact, there are reasons ten to one why the early selection and purchase of the ram should be the rules the flockman should adopt and adhere to.

Ellis Rail.

Story County, Iowa.

The scientists figure that it takes so many "heat units" to produce a corn crop, but, unfortunately, the scientists cannot produce the "heat units."

250,000,000  
Sheep Every Year  
Dipped in



## COOPER DIP

Has no equal. One dipping kills ticks, lice and mites. Increases quantity and quality of wool. Improves appearance and condition of flock. If dealer can't supply you, send \$1.75 for \$2.00 (100 gallons) packet to Des Moines Drug Co., Des Moines, Ia. Hornich, Hess & More, Sioux City, Ia. Wm. Cooper & Nephews, Chicago.

SHEEP.

## WOOL

We have made arrangements to act as agents for one of the largest wool concerns in the East. We can pay you more money than you have been getting. We furnish wool sacks and twine to our shippers. We keep your shipment separate until you are satisfied. Get our prices. Reference—Iowa Homestead, Citizens Bank, Decorah, Iowa, and farmers in all parts of the state. Write today.

THE ADAMS SEED CO.,  
DECORAH, IOWA.

GEORGE MCKERROW & SONS, PEWAUKEE, WISCONSIN

IMPORT, breed and sell the best of Shropshire, Oxford and South-down sheep. Show sheep and flock headers.

### More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free. MYERS-BOYD COMMISSION CO., ST. LOUIS, MO.

Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN,

Lexington, Neb.



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

Tuesday is Mrs. d'Alton McArthy's "At Home" day and a goodly number of friends are usually to be met in her spacious parlors between the hours of three and five. A few intimates sometimes remain later than that.

Last Tuesday little groups of women were chatting and drinking tea when, above the clatter of cups and the clink of spoons, the high-keyed clear, treble of Mrs. Thompson made itself heard saying:

"My private opinion, publicly expressed, is, that love stories are responsible for a great deal of unhappiness."

"No one can deny that they give young girls unreal views of life," replied a thoughtful-looking woman, as she put down her tea cup. "My daughter shall never read them, with my consent, at least until she is old enough to know that love—in the story book sense—is only a small part of living."

"Why, Mrs. Morton," interrupted a merry-looking girl, "don't you know, 'tis love, 'tis love, they say, that makes the world go round?"

"It's not nearly so pretty, but I believe it's a good deal nearer the truth to say, 'tis money makes the world go round," said Mrs. Thompson, she adding as an afterthought, "at least nowadays."

"Love is such an intangible, evanescent thing!"

"Especially evanescent," interjected the merry-looking girl sotto voce.

"And the things money can buy are so real and lasting, it is easy to see how it should seem the one thing needful in this eminently material age," said Miss Sinclair. "I'm a material person myself," said the merry-looking girl, "and I'll take the dollars every time, if you please"—not that I at all object to love thrown in—Oh, no. Luxuries are always acceptable."

Miss Sinclair is something of an heiress and a good deal sought after, though her personal charms are sufficient to account for that.

"One would think Nello was quite mercenary to hear her," said Mrs. Morton, whose guest she had been for several weeks. "She isn't, though."

"Oh! but I am. I'll shock you all awfully, but, as I'm going home in a day or two, I don't mind, so I'll tell you a secret. She lowered her voice and continued, "Whenever a thoroughly nice young man, with a good income, falls in love with your humble servant and says, in the words of the poet, 'Fall into my arms, you bundle of charms,' metaphorically speaking she will fall."

"Nello, dear, you really ought not to say such things even in fun. Some one might think you in earnest."

"And so I am," sweetly responded Miss Nello, a dimple playing about the corners of her pretty mouth, though her eyes were quite grave.

"The girl who meant to do such a thing would not publish her intentions quite so frankly, Mrs. Morton, so Miss Nello is not likely to be misjudged."

"Miss Sinclair is right, I think," said Mrs. Thompson. "But I don't know that there would be much wrong with a girl



The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12 in. Mower, \$5; No. 2—16 in. Mower, \$6; No. 3—18 in. Mower, \$7; No. 4—21 in. Mower, \$8. Send draft, money order or registered letter. Mention The Homestead when writing.



## This is Huttig

Yes, sir, — I can afford to stand back of my roofing because, it stands back of me, and makes my word good as gold. I want you to read every word of this advertisement. I wrote it myself, and you can take it from me that whatever Huttig tells you about roofing is so.

*H. W. Huttig*

## I Stand back of Huttig's Rubber Roofing

With a Written and Personally Signed, Legally Binding Guarantee

MY roofing,—known far and wide as HUTTIG'S RUBBER ROOFING—is a "money-back" roofing in FACT as well as in NAME. I give you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt. That's why! That's the secret of my success with roofing.

Asphalt comes from the famous Asphalt Lake in the Island of Trinidad. About 100,000 tons are brought to this country every year, and a large part of this is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad Asphalt, which protects every particle of the fiber.

Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

Other rubber roofings, which have to de-

pend on Texas and California Asphalts (products of petroleum oil), crack in the winter and "run" in summer.

Test it for yourself. Send for sample of HUTTIG'S RUBBER ROOFING and the others: then do this—Get a small quantity of sulphuric acid from your druggist. Put in the sample of HUTTIG'S and the other roofings. Let 'em soak for 24 hours, and note results.

Remember, that the very gases that constitute sulphuric acid are found in the atmosphere, and it is their chemical action that causes roofings to decay.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc., to lay it.

It can be laid on a flat or sloping roof, across or with the slant of the roof; or on the sides of a building it makes an excellent storm protection.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap.

Now, here's how I feel about it. If you have use for roofing this season, you want the best, which is the cheapest in the long run.

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad, I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it

Anyway, write for a big, free sample of my roofing and let me send you Booklet B, and special Iron-clad Roofing Guarantee. Write me personally, and do it to-day.

President Huttig Manufacturing Co., 707 East Second St., Muscatine, Ia.

who did as Miss Nello says. You noticed, perhaps, that she made three provisos. The man in the case must not only be well off and in love with her, but he must be thoroughly nice. She proposes having something worth while in the man himself, in case the money and the love take unto themselves wings, as both have an uncomfortable fashion of doing, the latter especially."

"There it is again! That dreadful skepticism about love," cried Miss Nello tragically. "It's enough to kill all the sentiment in a girl to hear married women talk."

"I've thought that sometimes," Miss Sinclair said quite gravely, "and wondered about it."

"Perhaps it's because real love and the imitation of it unfortunately have a fatal resemblance to each other."

Mrs. Thompson made the remark a little bitterly, Miss Sinclair thought.

"Yes, one must admit that," she said.

"People go right on fearlessly taking the risk, though. They can't be mistaken; their love is the real thing. And so often after awhile, anyone may see it was only imitation, not the real thing at all. To me it is quite pathetic and whenever I see lovers together I find myself wondering, 'Is the vision which you see real or only a beautiful mirage?'"

"Did you ever hear of the man who wanted to know how he could tell the difference between toadstools and mushrooms?" asked Miss Nello, innocently. No one replied and she continued:

"They told him there was only one infallible test. If he ate them and died they were toadstools. If he ate them and lived they were mushrooms. Under the circumstances he decided that perhaps he had better not go gathering mushrooms. Don't you think he was a wise man?"

Without waiting for an answer to this apparently irrelevant question, Miss Nello moved toward a group of women, who were animatedly discussing the "pros and cons" of women's clubs.

(To be concluded in our next issue.)

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

A word, and all a heart  
With joy unspeakable is filled.  
A word, and there's no art  
Can hild the throbs of pain be stilled.  
—Frances Courtenay Baylor.

A little bit of hope  
Makes a rainy day look gay.

And a little bit of charity  
Makes glad a weary way.  
—League Calendar.

To bear is to conquer our fate—Thomas Campbell.  
Nothing happens to anybody which he is not fitted by nature to bear.—Marcus Aurelius.

## BYLO-LAND.

'Tis time we went to Bylo-land,  
The needed guide is mother's hand.  
The car we take is a cradle white,  
The song we sing is a soft "goodnight."

Heigh-O  
Swing slow,  
We've started now to Bylo-land.

Bylo-land is behind a hill;  
There it lieth quiet and still,  
And white-robed angels guard all night  
Over my babe till morning light.

Heigh-O  
Swing slow,  
A quiet place is Bylo-land.

Birds and blossoms are gone to rest,  
Baby sleeps in her wee white nest.  
Father of all, hy thy strong arm,  
Keep my little one safe from harm.

By-lo  
Swing slow,  
Baby is safe in Bylo-land.  
—Nelle Kelsey.

## POINTERS ON HOUSEKEEPING—THE DINING ROOM.

If a woman finds pleasure in her housework signs of skill are sure to be found in her dining room. A woman who enjoys housekeeping is careful of the little things about her table.

Her table linen may be of the cheapest, but it will be clean and smoothly ironed. The creases will run straight with the table and the cloth will hang evenly from the table ends.

The knives and forks will be laid evenly, not helterskelter. The spoons, if laid, will be in order and if in a holder the handles will be all up or all down—and where originated the habit of stuffing the spoons into a spoon holder with their handles down? It means that the spoons can not be taken out without the howls being handled.

The plates, if piled up, are set with care. If laid, each is placed like every other. The napkins are neatly ironed and uniformly placed.

The chairs are set evenly.  
The silver is clean.  
The salt is light in the shakers.  
The pepper box is filled.  
The butter is on a clean plate.  
The sugar is never caked in the bowl.  
The vinegar pours freely.  
The soup is served hot and perhaps with a bit of green parsley sprinkled over it.  
The potatoes are mashed and heated until they are fluffy and white.

The biscuits are well cut, and light, without a coating of flour.  
There is something green in the dining room, even if it is only a struggling sprout of Jacob's ladder in a glass bottle hung in the window.

When the meal is over there are no crumbs on the table. The linen is smooth, the foods are removed and the silver and china remaining are covered with a clean dust protector, or the table is cleared and has a dolly in its center, and china remaining are

covered with a clean dust protector, or the table is cleared and has a dolly in its center.

These little things determine the housekeeper's reputation.

## HOUSE FLIES.

The buzzing swarms of house flies that frequent our kitchens and dining rooms in the summer, are bad agents of infection. They should be considered a serious menace to health. Typhoid fever, especially, may be spread through the agency of contaminated flies alighting upon food supplies. Here comes in my ounce of prevention again. Prevent the hatching of flies as much as possible. Their favorite place is the manure heaps of the stable. A single insect will lay as many as 130 eggs, and the number that will be hatched from one pair is simply inestimable. It is a good plan all through the summer, from the beginning of June, to apply a quantity of chloride of lime to all manure heaps. I suppose that, of course, the spring cleaning has been thorough in barns and out-buildings, and plenty of whitewash administered. The barnyard and stableyard refuse cleaned up; then with the chloride of lime in use every week, everything outdoors should be kept sweet and clean, and to keep out the flies that will, with all our preventives, find a chance to breed and lurk around, have all your doors and windows well screened. If your good man is too busy to make the window screens, just tack on two thicknesses of white mosquito netting. It will serve the purpose just as well and look fresh and clean for a whole summer, then it will have served its little day. Being cheap you can afford to get new every summer and use the old pieces after they are washed as covers to victuals and in various other useful ways.—Mrs. T. C. Cummings.

## SEASONABLE RECIPES.

Canned Strawberries.—Fill a quart jar with large, ripe berries, from which the hulls have been taken; fill the jar with cold water; then pour it out again into a measure. For every twelve jars to be put up use thirteen of these measures of water and in it dissolve six pounds of sugar. Pack the jar with berries as closely as possible without mashing them. Fill each jar up to the shoulder with sirup, cover it loosely with the lid and set it in a large holler, which should have a loosely fitting wooden bottom pierced with holes. If set on the metal bottom the jars are liable to crack. When the boiler is full of jars pour in cold water up to their shoulders; cover it and set it on the fire. At the same time put the surplus sirup in a saucepan and allow it to become hot. As soon as the water in the boiler begins to boil note the time, and when it has hollered for eight minutes remove the boiler from the fire. Take out one jar at a time, fill it even with the hot sirup in the saucepan, fasten it airtight and stand it back in the boiler until all are filled and covered; let them stand there until cold, and then store in a cool place.

Strawberry and Currant Jam.—To every pound of fruit allow three-quarters of a pound of sugar, also one pint of red currant juice to every four pounds of the berries. Boil the currant juice with the strawberries for half an hour, stirring all the time, then add the sugar and boil twenty minutes longer, skimming carefully. Put in small jars or tumblers with paraffin on top. The currant juice may be omitted.

Canned Cherries.—This fruit is one which



a young housekeeper can safely select when just beginning to learn how to can fruit. While peaches, plums and berries with the best of care will often spoil, the cherry always behaves itself, a great relief to a busy woman. After pitting the cherries weigh them, allowing one-fourth pound of granulated sugar to every pound of fruit. First heat the cherries until juicy, then add the sugar which has been heated in the oven. Cook gently until the sugar is dissolved. Then boil for five minutes, and can.

#### FOR THE CHILDREN—THE SOFT-HEARTED FAMILY.

They've moved beside us up the lane,  
So all they do we see,  
And I just wonder how they came  
So very soft to be.  
They can't be putting it all on  
To show off, for you know,  
We live so near we'd found 'em out  
Fore this, if that was so.

You'd ought to see 'em pet their horse;  
And their old dog and cat,—  
They treat 'em jest like they was folks,  
And visitors at that!  
Of course they pet each other, too,—  
They even like us boys,  
And never tell us to keep out,  
And stop our "orful noise."

I'll tell you something else that's queer  
If you won't tell it (fer  
I'd rather hite my tongue than make  
The leastest fun of her!);  
Their little girl—her name is Kate—  
When she cleans up a room,  
She gently brings the spiders out  
And shakes them off her broom!

And afternoons, when they would like  
To sit on porch and talk,  
Or maybe up and down the path  
To take a little walk,  
They go way round to their side steps  
(It's too soft, I declare!),  
Just bullied by the humming bird  
That's huilt his wee nest there!

—Mary H. Field.

#### AMONG OURSELVES.

Laid away among my papers are some charming lines on May inspired by a bit of verse given in Home and Home-making corner. They come too late for use this year, but we are not to wait until next May to hear the voice of this new singer Among Ourselves. M. A. W., brings us something for June:

JUNE.

With a tear for May that has passed away,  
We turn with a smile to thee.  
Whose coming to us is a royal boon  
Oh, queenly month of June.

Thy crown is the rose, the queen of flowers,  
Thy sceptre the long bright hours,  
Thy throne our hearts, where thou reign'st  
supreme,  
Oh, royal month of June.

Thy days are so long and thy skies so fair,  
Thy treasures so rich and rare.  
No other month can with thee compare  
Oh! lovely month of June.

April is bright with her pearly showers,  
And May with her sweet wild flowers,  
But perfection is reached in the sweet perfume  
Of the glorious month of June.

Only one who was in tune with the harmonies of nature's various moods could have written that verse. I trust its music will waken echoes in all our hearts and lead us to open eyes and ears. That of prohibition is the first in order; it will be presented by Uncle Josh:

As the men have been requested to state their views on the subject of prohibition, I trust "Uncle Josh" will be allowed to say a few words. In discussing the subject of prohibition we at once enter an endless controversy. I recall to memory the time when Iowa voted for prohibition some twenty years ago. In my heart I rejoiced that the liquor traffic would be controlled, but found that the border towns were run wide open, but innocently believed that in the interior

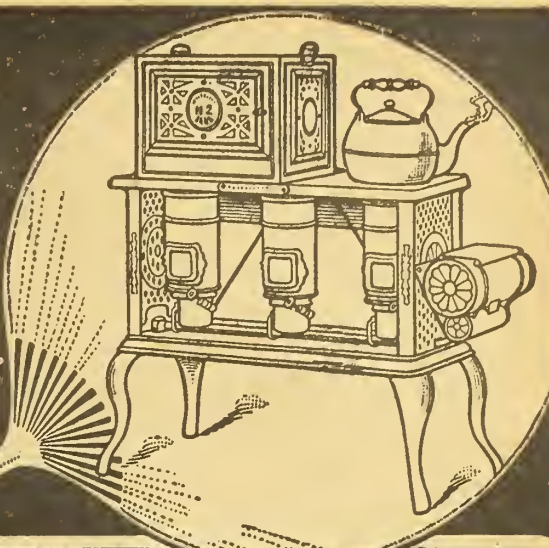
the law was strictly enforced; a visit to the beautiful town of Maquoketa soon dispelled the illusion, as sweet cider (beer) and hard cider (whisky) could be obtained upon presentation of proper credentials with the goddess of liberty on one side. But surely somewhere, the sale of intoxicants were prohibited and the law enforced. In 1886 I tried Ontario, here in one of the loveliest towns in the garden spot of Canada, I found the prohibition law practically a failure. I believe the manufacture and sale of intoxicants should be prohibited by national legislation, and the youth of our land taught in the public schools the evils of intoxicants and tobacco. Mothers! Your influence has much to do in molding your child's future; teach your darling ones to neither touch, taste, nor handle, and to shun them as a viper. Agitate women's rights and use your influence and vote for the uplifting of mankind. Only a few months ago on a bitter cold evening while on my homeward way from daily toil, I overtook a woman in an advanced stage of intoxication, unable to proceed to her home in the suburb. No other help being at hand I assisted her to her home a half-mile distant. Is it a greater sin for women to drink? Should a man do things which he would be ashamed to have his wife share in? I believe it is written that "No drunkard shall enter the Kingdom of Heaven." If a person steal a small sum of money, that person is a thief, so also that one who steals a greater sum. A person who drinks to excess and becomes intoxicated is a drunkard. Liquor! Cursed product of the stills of Satan, a har to heaven, a door to hell, and the hall room, the ante-room of the last mentioned resort. Ever hear in mind that the first glass and the first dance precede the second. Shun them as you would a contagious evil, for sooner or later you may fall, a victim to their destroying blight.

There is a considerable number of persons who believe, with Uncle Josh, that the manufacture and sale of intoxicants should be prevented by national legislation, but I have never met anyone who believed that such legislation is likely to come about. With America's large foreign population, coming from lands where beer and wine are drunk as freely as tea or coffee are here, the securing of such legislation would be extremely difficult; the enforcing of it would be even more so. I fear we must seek some other method of counteracting the drink evil.

Mrs. S. Congrove, of Dixieland, Texas, is with us this week. She is one of the many who love "Among the Hills" and enjoyed the recent reviewing of it in our Home:

Several times I have started to say a few words Among Ourselves this spring, but have failed to finish my letter, but now I want to tell how much I have enjoyed the fine talk Mrs. Christie has given us concerning "Among the Hills." I had been waiting to see if she responded to the editor's call and lo, when I turned to the Home Department last week, as I always do the first thing, and began to read, my waiting was ended. Of all Whittier's poems which I have ever read, "Among the Hills," has always seemed to me the sweetest and best, the one I could read and reread and never grow tired of reading. Let me say to all Home Department friends that if they heed Mrs. Walker's advice and read it they will never be sorry and they will find therein a good definition or description of true love, for "Love scarce is love that does not know the beauty of forgiving." The poem can be purchased in booklet form for a few cents and every lover of good poetry should have a copy in some form or other. Quite a while back, someone, I have forgotten the name given, asked for advice concerning trying to make a home for herself and daughter with a capital of three hundred dollars and spoke of the garden city project. Now, I would say if she is tired of living among strangers and has reasonably good health, there are plenty of ways and means to one who wills to have a home of their own, but if she is thinking of buying in some irrigated section of which she knows little only from advertisements then she ought to thorough-

# Keep Cool; Save Money



For cool cooking, less work and least fuel-expense use a

## NEW PERFECTION Wick Blue Flame Oil Cook-Stove

—the ideal stove for summer. Does everything that any other kind of stove will do. Any degree of heat instantly. Made in three sizes and fully warranted. At your dealer's, or write our nearest agency for descriptive circular.



The **Rayo Lamp** is the best lamp for all-round household use. Made of brass throughout and beautifully nicked. Perfectly constructed; absolutely safe; unexcelled in light-giving power; an ornament to any room. Every lamp warranted. If not at your dealer's, write to our nearest agency.

**STANDARD OIL COMPANY**  
(Incorporated)

ly investigate conditions before buying, as there are many drawbacks nearly everywhere. And, too, it requires more capital to go among strangers to build a home than among friends who usually are or ought to be willing to lend a hand. Cut off from association, with old and dear friends only as I write and receive letters, our Home Department is so much help to me and all the writers seem like friends and neighbors.

The wisdom of making most careful inquiries before investing one's all cannot be too strongly insisted upon. Overcaution is bad sometimes, but lack of caution is bad always. And women who have not had business experiences are the natural prey of promoters, who are everywhere floating schemes which promise big returns from small investments.

"A Grown-up Girl" comes to give us her views and experiences on the matter of confidence between mothers and daughters:

I am a constant reader of your letters so will try and say a word about daughters giving their mothers their confidence. There are two sides to this story as well as to most others. Don't always blame the girl if she keeps things from her mother, for sometimes it's the mother's fault. I remember a girl friend I used to have who, when I was at her home, no matter what we did, always said: "Don't tell mamma, she will scold." My mother was always my confidant. To her I went with all my secrets. She was always jolly and kind, and she never "made fun" of my little troubles as so many mothers do. If I went to a party or was with young people, I always came home and talked to her about it as though she were my dearest girl friend, instead of a woman of fifty. So, mothers, if you want your girls to confide in you, you must be a girl yourself. Before you scold put yourself in her place at her age and see what a difference it makes and instead of lectures, give friendly advice. Don't imagine she can see and reason like you do, for she can't; let her know you trust her; be interested in what she is and she will be a queer girl indeed, if she ever keeps things from you. How well I remember my first love affair. Of course I went to mother and told her all about it. (I was a school-girl of fifteen, while my boy ideal was eighteen.) She simply said, "Very well, dear, but don't neglect your lessons and in five years if you both think the same it will be all right with mamma." In two months he was sent to college. Letters went back and forth every few weeks, all of which mother read if she wanted to. But long before those two years were over I had forgotten to write and so had he. How much better than the usual way of keeping things secret. It is natural for young people to want to do something they can't and I have found the quickest way to break them is to let them have their way. My youngest brother had a longing to "go West." Instead of telling him he could not go, and having him run away, my father paid his way to a certain point in Montana, where he secured work on a ranch, then told him he must not look to him for more money. He only worked long enough to get money to come home, a sadder and wiser boy. But I am getting away from my subject. If you want to know whom your girl associates with let

her bring her company to your home. In no other way can you find out so well and when they come, be one of them and see how much better your girl will be and how much harder she will try to please you.

A talk like this should have far-reaching effects. It will and the consciousness that she has helped in promoting relations in the home circle will amply repay a "Grown-up Girl" for coming to us.

Sunday visiting is on the tapis; it will be discussed by "Jimson."

Sunday visiting is something that is nowadays practised to a very great extent and why should it not be? All week we work and worry in order to earn our daily bread and then on Sunday, which is to be a day of rest, I see no reason why we should not take our rest in changing our weekly work for a pleasant Sunday visit. Understand, I do not say this without a condition. If the visits consist of rough, rowdy and noisy conduct, which is more liable to occur among the young folks, it is radically wrong. But if the visit consists of nice, clean, conversation or harmless amusements I don't see what should be against it. I don't think that conditions being normal that any visit or visitor should keep one away from church. If the visit is of great importance the church going may be harmlessly dropped. If your visitor is in the least able you should take him to church with you instead of missing church yourself.

We should have numerous contributions to this debate in order to cover the ground thoroughly. Please don't let the busy season interfere with the interest of our meetings.

Miss Hazy has a word on the subject introduced by Illinois Bachelor No. 2:

Our bachelors from Illinois have the ability to start discussions. No. 1 was somewhat conceited when he first wrote, but that condition was speedily removed. No. 2 is a trifle pessimistic, due to eating his own cooking so long, but he has given us a good subject for discussion. I can not say that it is wrong for a spendthrift to propose marriage to a woman if he gets a chance, but I do say that it is wrong for anyone to say yes to him. One of my decided opinions is that everyone who has an income, no difference how small, should save something for the proverbial rainy day. Another one is that girls who stay at home and work should be paid wages. Boys never stay at home and work for years for nothing. Why should girls? As for the question of love in a cottage or a mansion, without it, I can only remind you that "women are curious critters." What pleases one does not suit another. Let each one decide what she wants and have it stipulated in the (ante-nuptial) contract and then live up to the contract. After this subject is well thrashed over I would be pleased to have your opinions on which affects us most, heredity or environment.

Heredity and environment as character factors have been the subject of debate upon the platform for a long time, but we have had nothing about them in

## Comparisons are Odious

points of our shoes stand out like the features of the human face.

### Kirkendall's Electric Welt Shoes

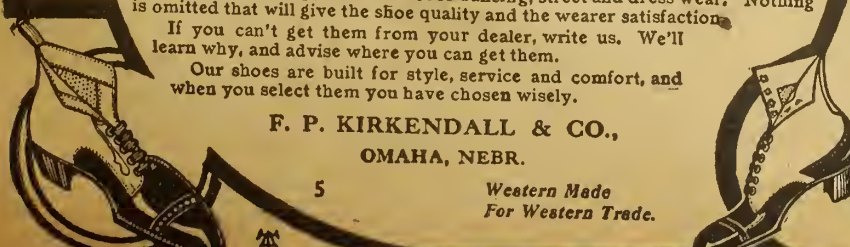
are distinctly a new departure in the art of shoe-making. They are decidedly the most comfortable shoes made, bending with the foot and conforming to every joint. They are as flexible as any hand-turned shoe, and decidedly more serviceable. Our Electric Welt Shoes are by no means an experiment. We have manufactured them long enough to fully test their merits, and they are guaranteed to give satisfaction. So flexible are they that they may be bent double when new, and may be worn with perfect comfort the first time. They will prevent the tired, aching feet caused by other shoes. Where the old idea in making shoes was to make them firm and stiff, our Electric Welt Shoes are found both an improvement and a departure from such ancient methods. The sole is of walking thickness, and where feet have been tortured with stiff, hard, unyielding soles these soles will restore normal conditions. Upper leathers are of highest quality; patterns and lasts unexcelled. These shoes being made of the finest obtainable material, and by the most expert and careful workmanship, are suitable for dancing, street and dress wear. Nothing is omitted that will give the shoe quality and the wearer satisfaction.

If you can't get them from your dealer, write us. We'll learn why, and advise where you can get them.

Our shoes are built for style, service and comfort, and when you select them you have chosen wisely.

**F. P. KIRKENDALL & CO.,**  
OMAHA, NEBR.

Western Made  
For Western Trade.





our meetings and might profitably take them up if the friends will try to take one point and treat it briefly and brightly—these two B's are the secret of good circle discussion.

And now a few moments for the special benefit of the housewife. Mrs. A. E. Fletcher brings us a recipe for rhubarb wine, given her by a doctor who recommended it to his patients, and Mrs. Wickham brings us a raspberry hint which those who are able to secure raspberries will do well to avail themselves of:

Peel and slice as for pies, put a small quantity of water on it and boil gently; strain; add an equal quantity of water. To each gallon of juice add five (5) pounds of sugar. Let it ferment four or five weeks, then strain off in keg or bottles.

Many people think red raspberries are suitable only for jam and are not good canned. This is so if water is used. My way is to take the juice of cherries or red currants, add the required amount of sugar and when it boils put in the raspberries, let cook a few moments and can as usual. If, when seeding cherries, care is taken to save all the juice, there is usually some left after the cherries are canned which is just right for raspberries. If cherries are to be cooked, especially for the juice, they should be very ripe. They are then sweeter and more juicy. The cherries freed from the juice may be eaten with cream. If juice cannot be procured the raspberries may be canned alone by pressing a few to extract some juice, add the sugar and boil before putting in the raspberries. This is good, but not as nice as when cherry or red currant juice is used.

Dressmaking and Millinery. No. 573.

Sylvia Silvertborne, Muscatine, Iowa.  
(All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silvertborne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.)  
A form of trimming that is having an extended vogue, and that is very especially adapted to the sheer materials that enter into many garments, whether waists or entire costumes, is simply a revival of what is easily recognized when called by its form-

er name of "darned net," but in "print" is termed fllet lace. Many of you will recall some of the simple patterns that were used in preparing this trimming at home, for it is such simple needle-work that one readily picks up ideas in fashioning it. The material used for the foundation is net or as we formerly called it "wasb blonde," and



[5616 Over Blouse or Jumper 32 to 42 bust.]

one may purchase this by the yard at small expense, in either the square or the round mesh, then darn in the threads in any desired pattern. Insertions, edge laces and



[5651 Girl's Jumper Dress with Guimpe, 4 to 10 years.]

yokings are home-made with the most pleasing results. I cannot here enter into the details of its manufacture, but if you will see some that is in stock you will get the idea, and it will pay you to purchase a small piece for a pattern, and work out the design on your own material.

The over blouse or jumper still comes to us in varied forms, and each new one has some feature to recommend it. 5616 is one of the newest, and it may be developed in one of several modes. One need only consider the purpose of the garment to enable her to decide which mode she will adopt. The pattern provides for a separate lining, and this enables one to make the waist entire as a whole garment, or to make it in such a way that the yoke may be worn at will. Also the lining may be cut off below the yoke and the latter so arranged that the waist is unlined even when the yoke is worn. The advantage of making the jumper portion of the waist separate is that then it may be worn with any suitable guimpe or a lingerie waist. The jumper consists of the front and the backs, and the closing is made at the center back. At the top the full portions are tucked in groups, and banded in scalloped outline. Straps over the shoulders show the skeleton effect, and while these are shown of velvet ribbon, they may be of any banding used in trimming the waist. The sleeves are in three-quarter length, and the finish is similar to that of the top of the waist, so that when one varies the finish in one the change in the other should correspond. A drawstring adjusts the jumper at the waistline. 5616 is cut in sizes for a 32, 34, 36, 38, 40 and 42 inch bust measure. Give size when ordering pattern, and avoid delay.

The little ones too, have their "jumper" modes, and a very simple design that may be very much elaborated is shown in 5651. As illustrated the lines are straight and the development simple, striped material being used for the garment and all the edges finished



**Simpson-Eddystone**  
**Shepherd Plaids**  
Bright, cool and dainty-looking.  
Durable and fadeless; some designs with a new silk finish. Beautiful for Spring and Summer wear.  
Ask your dealer for Simpson-Eddystone Shepherd Plaids  
Three generations of Simpsons have made Simpson Prints.  
**PRINTS** The Eddystone Mfg. Co. (Sole Makers) Philadelphia.





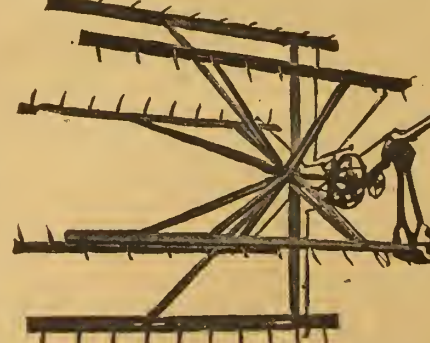
**PRIVATE WATER WORKS**  
**ECONOMY HOT AIR PUMP** constant, permanent water supply at even temperature and any desired pressure the year around. **RUN BY HEAT. NO EXPLOSION. NO EXHAUST. NO TROUBLE. NO NOISE.** A child can run it. We equip your **WATER SUPPLY COMPLETE** with either Hot Air or Electric Pump, pneumatic or open tank. **TEN DAYS TRIAL.**  
**THOMAS & SMITH** 288 Hudson Street, New York.  
17-19 S. Carpenter St., Chicago.



**LIGHTNING HAY PRESSES**  
meet all demands in Hay Baling.  
Used over 20 years.  
**SIMPLE, STRONG, DURABLE, RAPID**  
The Best is most Profitable.  
Send for Catalog showing all styles, Horse Power and Belt Power.  
**KANSAS CITY HAY PRESS CO., 621 MILL ST., KANSAS CITY, MISSOURI.**

with bias bands of the same piped with a color that matches the stripe in the fabric. The guimpe is separately made and has yoke and sleeve bands of simplest embroidery, but when for dressy wear the transparent fabrics with dainty laces may combine to form a charming dress. Frills of the material or of lace or embroidery may finish the outline of the yoke, and the edges of the sleeve caps. Insertions may be let in the pleats at front and back or only at front. A dash of some dainty ribbon so much in vogue for the purpose will add a pleasing touch when the garment is for dressy wear. Pattern 5651 is cut in sizes for girls of 4, 6, 8 and 10 years of age.  
Send eleven cents in money (not stamps,) for any pattern wanted, these or others. Address all orders to Sylvia Silvertborne, Muscatine, Iowa.


**LODGED GRAIN CAN BE SAVED.**  
Below we present a picture of the J. T. Brett Grain Saver attached to one of the binder reels commonly used in harvest fields. Close inspection of the picture will reveal a regulating rod attached to the reel lever. This regulating rod connects with the rakes on the sweeps by means of arms from the shaft. Thus it is possible to operate the rakes without loss of time. The idea of the Grain Saver is that when a section of lodged grain is reached the rakes are thrown into position on the sweeps and they pick up every stalk of grain which would otherwise be passed over. As soon as the section of lodged grain is passed the rakes may be thrown back into their original position. By the use of this Grain Saver it is possible to



cut around a field regardless of the direction in which the grain is lodged. It is a common practice to secure lodged grain by cutting one way of the field. This doubles the amount of labor required and is very inconvenient. This device is made so that it may be evenly adjusted to any reel. It is practically unbreakable and adds but little to the draft of the machine. It looks like a good thing and as it has been tried out on a good many farms and has proved to be as good as it looks, it should certainly be worth the time of every grain raiser to investigate its merits. Those who have tried it highly recommend it as an economical, common-sense and up-to-date device for picking up grain that has been lodged by storm or otherwise. Those of our readers who are interested in this Grain Saver should write for descriptive pamphlet to the J. T. Brett Manufacturing Company, 141 Second St., Milwaukee, Wis.

**THE ONLY HOG WATERER.**  
Every reader of The Homestead who raises hogs should have one of those Only Hog Waterers advertised on page 4 of this week's issue. It saves time and money and is one of the best hog waterers on the market. Write The Only Manufacturing Company, Hawarden, Iowa, for free illustrated circular and their special offer which will be sent to every reader of The Homestead providing they mention this paper.

**MEDICINE CHEST IN EVERY BOTTLE.**  
Oleo Equiline, an indispensable remedy in every barn and stable, is said to be as good in cases of emergency as a whole medicine chest of remedies. This prescription is made



**Don't Pay Two Prices for Stoves and Ranges**  
Order direct from our Stove Factory and save all dealers' profits. **HOOSIER Stoves and Ranges** are the "Best in the World." Fuel savers and easy bakers. Sold on 30 days' free trial. We pay the freight. Guaranteed two years. Our large illustrated catalog gives descriptions, prices, etc. Write for our catalog.  
**HOOSIER STOVE CO., Factory, 140 State Street, Marion, Ind.**

**Going to School or Learn a Trade?**  
If so, write for our fine new catalogue giving complete information about the special opportunities offered for obtaining an education in almost any subject and learning some of the best trades. Address **O. H. LONGWELL, Pres. Highland Park College, Des Moines, Ia.**

from an old and tested formula a century old. It is guaranteed under the pure food and drug law. Stockmen have need of a good remedy at all times, and if they will send their name to the Oleo Remedy Company, 132 East Twenty-third St., New York City, the nature of the remedy will be fully explained. See page 8 for the advertisement.


**STOCK DIP OFFICIALLY RECOGNIZED.**  
In a recent communication from the manager of the Standard Stock Food Company, of Omaha, Neb., we are advised of the recognition of the Standard Stock Dip by the bureau of animal industry. This dip is now to be used officially by the government under the provision of Regulation 33, Order 143. A part of the letter follows: "This ruling of the bureau of animal industry is based on a result of a laboratory examination, made at Washington, of Standard Stock Dip, and includes permission for the use of Standard Stock Dip in official dipping for sheep scab. Standard Stock Dip has been used very largely the past year throughout the West, giving most satisfactory results on hogs, sheep, cattle, horses and all domestic animals. It is prepared full strength and is exceedingly uniform in its composition. It is also put up full measure; every claimed gallon is a full gallon. The manufacturers claim it to be the most economical dip on the market and have recently issued an offer of \$1,000 reward to any person who shall first prove that every statement they make concerning their dip is not absolutely correct. We know our readers will be interested in the Standard Stock Dip booklet which will be sent free if you mention this paper and address the Standard Stock Food Company, Omaha, Neb.

**OPPORTUNITY TO MAKE MONEY.**  
No business, trade or profession in the world today offers better opportunities to the man without capital than the real estate business. It is a business that has assisted thousands to become independent for life. The Kansas City School of Real Estate teaches this business successfully by mail. Mr. Jas. T. Larkin, the president of this institution, is one of Kansas City's leading real estate men. Read the advertisement on page 16 and write Mr. Jas. T. Larkin, president, Kansas City School of Real Estate, Kansas City, Mo.

**THE VETERINARY PROFESSION.**  
The veterinary profession offers a good opportunity to young men for a paying profession. The best of preparation may now be secured, and at moderate cost, in schools now devoted to the teaching of this science. The day of the "boss doctor" is no more. Bright, clean young veterinarians are now making the profession one to be respected. A good veterinary college advertises its course on page 8. Every young man should secure their catalog, which fully explains the course and requirements. Address, Veterinary College, Department E, Grand Rapids, Mich.



**CONGO ROOFING**  
Congo costs little and lasts long, it keeps out the dampness and never leaks. The man who notices how his different roofs wear and how they protect the roof boards--the man who remembers or keeps records of costs and service, buys Congo. Congo is easy to lay. Nails and cement free. Every roll perfect.  
Sample free on request.  
**BUCHANAN-FOSTER CO.,**  
538 West End Trust Bldg., Philadelphia, Chicago and San Francisco.



**Howe Scales**  
The Standard for 60 Years  
DO you know actual points of difference between good scales and poor scales? Do you know why some scales bind and why the old reliable Howe Scales never do? Do you know why Howe Scales are accurate ten-twenty-thirty years after they are set up, and why other scales cannot be depended on after a few months' use? Write for illustrated catalogue today. It tells you why you save money in buying the Howe. If you wish a **PITLESS SCALE** of the better grade we can furnish it.  
**The Howe Scale Company of Illinois,**  
1321 Wabash Avenue, Chicago.

**A Beautiful New Rich-in-Tone PIANO**  
from the world's largest music house. Is this what you really would like to own? Splendid **MUSICAL QUALITY** as well as the best value for the money beyond the shadow of a doubt. Write for copy of "A Piano Book" (Free) which describes twenty leading makes of pianos, illustrates all the latest one designs and quotes the lowest net New York and Chicago prices. Easy monthly payments accepted. Write for the book.  
**20-37 LYON & HEALY, Adams St., CHICAGO**  
We ship pianos everywhere on approval.



**SILKS & SATINS!**  
REMNANTS for fancy works, beautiful pieces, corners and squares, new bright colors. Large Package 50 choice pieces with embroidery silk and 5 yards pretty Silk Rib. Paid only 10 cents, 3 lots for 25c; 12 lots for \$1.00. Address Seville Lace Co., Orange, New Jersey.



# LANDS AND HOMES FOR SALE


**GOOD**
**TEXAS LAND READY TO PLOW \$8 to \$18 an acre**

If you move now to the Eastern Pan Handle of Texas, just across from Oklahoma, and get one of the good, low priced Mendota Colony Farms, you won't have to work hard clearing the land and getting it ready to plow. IT'S ALL READY TO PLOW NOW. No timber or brush to clear. No stones. No swamps. Just a deep, rich, dark loam. Abundant rainfall. Pure water. No irrigating. No fertilizing.

The Colony Farm Homes Association is selling 25,000 acres in the fertile Washita and Red Deer Valleys, all within six miles of the new townsite of Mendota, on the main line of the Atchison, Topeka & Santa Fe Railway. This land has never been cultivated because it has been held by ranchmen. Now changing conditions in the cattle business have thrown it on the market. NOW is the time to get some of this splendid land, because it's an opportunity that will be snapped up quickly. Those who buy first will get the best locations and make the most money by the sure increase in land values.

The same soil on adjoining tracts is producing bountiful crops. Oats, 60 bushels to the acre. Wheat, 30 bushels. Alfalfa, 5 crops a year.

Prices of Mendota Colony Farms today, \$8 to \$18 an acre and terms very easy. Payments extend over four years, thus allowing farms to pay for themselves, probably before payments are due. Others get a good crop the very first year there. You can, too.

We employ very few agents. By selling direct to you we save

you the agent's commission, which in some cases would amount to several hundred dollars. You might as well have this money as anybody else. It is just as good in your pocket as in the agent's. The Mendota Colony Farms and this Association will stand the most thorough investigation on your part. Send today for big illustrated free book, "MENDOTA COLONY FARMS," telling all about your opportunity in Northern Texas. Then plan to go to Mendota on one of the low rate Homeseekers' Excursions, see for yourself just how good this land is and talk with people who have farmed successfully in that locality for years. They will be only too glad to tell you how well they are prospering there.

Don't hesitate to write us even though you may not be able to make this trip now. It costs you nothing to get our literature; but it will be worth a good deal to have this information handy. If you have even the slightest idea of moving at some time to a pleasanter and more healthful climate and getting a cheaper and better farm, we want to get in touch with you. We will be pleased to keep you informed of opportunities. You needn't feel that you are obligating yourself in any way by writing us, but you may get information which will prove of the greatest value to you. So don't put this off.

Just drop us a postal card today with your name and address on it and we will send you full information about the Mendota Colony Farms and the excursions to Mendota. Do it now.

The Colony Farm Homes Association, 21 Equitable Bldg., St. Louis, Mo.

## A GUIDE TO THE LAST WEST

**CROP CONDITIONS ARE FINE THIS YEAR ON OUR LANDS**



Copyright 1907 by J. F. LUSE.

Our booklet "A Guide To The Last West" is a complete description of the finest wheat lands in the world.

**Let Us Send It To You FREE**

It is published by our Company, owners by direct selection and early purchase!

**Choicest Western Canada Lands.**

Lands the richest, the most favorably situated, and today the CHEAPEST in the World.

**THIS GUIDE EXPLAINS—OUR NEW METHOD OF SELLING DIRECT BY MAIL;**

**OUR FAMOUS GUARANTEE OF \$10.00 PER DAY AND EXPENSES.**

**DON'T LOCATE ANYWHERE; DON'T BUY A FOOT OF LAND FROM ANYBODY,** till you have read about these things, and seen what we are in position to do for you. Send your address to

**THE LUSE LAND CO., LTD.,**

ST. PAUL, MINN.

Call on or write their representative

Birt Amick, 220 Fifth Street, Des Moines, Ia.

CORNING—LUSE

## WESTERN CANADA PRAIRIE LANDS

Today WESTERN CANADA is a country of substantial homes, profitable farms, growing cities and villages; in all this magnificent country there is no land equal to that in the districts of The Famous Saskatchewan Valley, The Great Quill Lake Plains, The Goose Lake District, The Yorkton District. In these Districts we own and control Over 500,000 Acres from which you can make your own selections.

These lands will produce 30 to 50 Bushels of A No. 1 Hard Wheat to the Acre, in fact the actual average for the past few years has been more than double that of Minnesota the greatest wheat producing State in the Union. With wheat selling at present prices, it is not much of a mathematical problem for the farmer to figure the enormous profits to be made from this land that will produce more wheat and of higher grade than land costing five to ten times as much per acre.

History Will Repeat Itself and these lands will in a few years be worth as much as they are today in Minnesota, Iowa and other States. The saying is "Opportunity Knocks But Once at Every Man's Door." It is knocking at yours now. Will you take advantage of it?

Send for Free Maps, descriptive matter, etc.

**STEWART & MATHEWS CO., LTD.,**

187 Water St., WINNIPEG, CANADA.

305 Jackson St., ST. PAUL, MINN.

## A SNAP

ONE square section of prairie land located in S. E. Kan. 147 acres in N. W. 1/4 under plow. 625 acres tillable, good 5 roomed house. Cellar, splendid well, wind mill, 2 steel tanks, stable, 80-foot shed and granary. 480 acres in pasture and hay land, one mile to R. R. station. Price \$40 per acre. Would take good draft horse as part pay, Percheron or Shire stallion.

A. J. PALMER, El Dorado, Kansas.

## TEN : CENTS : AN : ACRE

FOR the best farming land on the continent. A 160 acre farm for \$16.00 (the government filing fee) in GOD'S COUNTRY, its rolling prairie covered with velvet verdure, and it's yours if you will come and get it. It's less than five miles from the Great Northern Rly. in the land of opportunity—Montana. Don't pay any more rent. You can get a round trip ticket from St. Paul for \$25.00, and if you come and see it you'll throw away the return trip stub. For further particulars address

Leo B. Coleman, Glasgow, Montana, Secy. Commercial Club.

## SURE THING IN FARMING!

Colony Lands and Stock Farms in S. W. Kansas, 2,000 acres irrigated and improved and 10,000 acres grazing and wheat land in settled districts; land that pays for itself by big certain crops. 2,000 acre Stock Ranch part irrigated at \$25 acre—splendid improvements, near good R. R. town. Farms all sizes partly irrigated and improved \$20 acre and up. Good schools. Sure crops by irrigation. Sure large profit in sugar beets, live stock and other crops. Good market for all products. We sell 20 acres to 2,000 acres to anyone. Better bring a crowd with you. Special excursion rates twice a month. Write,

**KANSAS HOME AND LAND CO.,**

Room 503, Ft. Dearborn Bldg., Chicago, Ill.

**WE WILL SELL YOUR FARM OR OTHER PROPERTY**

QUICKLY at highest prices obtainable for cash or on time. Property bought or exchanged for you in any location at prices to suit. Send today full description of property for sale or exchange, or state plainly your wants for a purchase.

**FARMERS' REAL ESTATE & LOAN CO.,**

44 UNITY BLDG. CHICAGO.

**IOWA**

**THE GREATEST CORN STATE.**

IOWA beats all other states. Illinois included, in corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, also some to exchange. Send for it early.

Northern Iowa Land Co., Independence, Iowa.

## INVESTIGATE BELTRAMI & CLEARWATER COUNTIES, MINN.

A grand dairy, sheep and general farming country. We own 35,000 acres CUT-OVER lands never before on market, with rich, creamy soil, clay sub-soil, natural grasses, timber, lakes, close to good towns, saw mills, railroads, highways, schools, churches, with Duluth, St. Paul and Minneapolis markets competing for our products. To actual settlers we offer choicest lands at from \$10 per acre up, on easy terms, and in such compact bodies that whole communities can locate together if desired. Of this section, Prof. Thomas Shaw says: "Its possibilities are away beyond the popular estimate." Good farmers who want homes will be given every encouragement. Colored map and illustrated folder free. Don't locate till you have seen this country. For full information address Roger C. Spooner, Pres., Donald Land & Lumber Co., Drawer N., Bemidji, Minnesota.

## AN INVITATION.

YOU are of course coming to the Jamestown Exposition, at Norfolk, Va. When you do, you are invited to visit and inspect the splendid farming and timber lands offered for sale cheap along the lines of the Norfolk & Southern Railway. No such lands to be had anywhere else for the price. Now is the time to get a home in a good climate, where the soil is virgin and fertile, on easy terms. Write for farm list and descriptive pamphlets. F. L. Merritt, Land and Industrial Agent, Norfolk & Southern Ry., 302 Citizens' Bank Bldg., Norfolk, Va.

## FREE TRIP TO TEXAS.

WE offer a free trip to the Panhandle of Texas to one reliable farmer of any township in the state. Always state township and county. For particulars write: Ben I. Tanner Land Co., Cedar Rapids, Iowa.

**CORN** Write for State Map. Book let and Weather Report. **LANDS** Sent free. Hazel J. Meek, Chillicothe, Missouri.

## I WILL HELP YOU TO MAKE MONEY

I WILL teach you the Real Estate Abstract, Loan, Insurance and General Brokerage Business by mail, and assist you to establish a prosperous business of your own or secure you a paying position. Many make \$3,000 to \$5,000 annually. The real estate business has assisted many without capital to become independent for life. Write me today.

**JAS. T. LARKIN, PRES.,**

Kansas City School of Real Estate, KANSAS CITY, MO.

## REWARD!!

I WILL pay \$100 in gold to any person who will furnish me the name of a person who will buy 160 acres of good farm land in southeastern North Dakota, the most famous wheat belt in the world. Canada is frozen out and the Southwest has failed. But Dakota, the choicest of all the country, has a bumper crop coming. Fine people, good towns, churches and schools, in fact, everything as you have it at home. Write me for particulars.

**John Mueller, - Lisbon, N. D.**

(Agents wanted in every town.)

**FOR SALE:** Two fine farms adjoining the village of New Richmond, Minn. One contains 240 acres, other 110. Improvements on each farm and on the larger buildings are exceptionally good. Every foot of ground available for diversified farming and under high state of cultivation. Farms adjoin. Death of owner reason for selling. Terms given. Village maintains high school. C. W. Wagner, Litchfield, Minn.

**FOR FARMS AND EXCHANGES,** write in your first letter what you want to buy, or have to exchange. Fraley & Graham, Ulrich, Missouri.

**CORN** and Alfalfa farms for sale; good improvements. Write for prices. Jas. S. Sheeran, Solomon, Kansas.

## ONE CROP PAYS FOR THE LAND

IN southeast Wyoming, where we have 75,000 acres of fine farming land that has just been opened up for settlement. Don't delay, but write today for circulars and other information.

**ARCADE LAND CO.,**

7 Arcade Bldg., Des Moines, Iowa.

## LASHBURN, SASKATCHEWAN, CANADA.

GOOD farms and wild lands for sale—town property. Apply to

**J. MORISON BRUCE,**

Real Estate and Insurance Agent, Lashburn, Saskatchewan.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

**300 ACRE** improved farm Mercer county Mo., good productive land. 740 acre improved farm Chautauqua county, Kan. Owner would take smaller farm or other property in part payment. Address, Box 81, Independence, Iowa.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

**A BARGAIN**—313 acres, 8 miles from the growing city of Memphis. Also tools. 60 head of Jersey cows. Cheap terms. H. M. Anderson, R. F. D. No. 1, Capleville, Tennessee.



## IN THE GREAT SOUTHWEST.

The Oklahoma watermelon crop has had a backset in the unfavorable weather, but a large acreage is in and the crop eventually harvested promises to be large. Farmers are taking interest in peanut culture and fields of from two to ten acres are not uncommon in certain parts.

Prof. C. K. McClelland, M. Sc., newly-elected superintendent of the Fort Hays Branch Experiment Station, was graduated from Ohio State University in 1893, and then became assistant in agronomy at North Carolina Agricultural College. He will undoubtedly make the Branch Experiment Station a success, though it may take him some time to learn of all the capabilities and the many pranks of the Kansas prairie climate.

Enterprising farmers who converted homesteads in the "big pasture" in Oklahoma into town-sites stand a good show of losing their farms, states an Oklahoma editor. The general land commissioner has notified the authorities at the Lawton land office to cancel all entries where attempts were made to start a town on a homestead. In case of cancellation the entryman loses all he has paid down on the land and the people who buy lots of him are out their money also.

Another large Texas ranch has been sold, and will go out of the hands of the cattle raiser into the hands of the man with the hoe. The land includes the Bush & Tillar ranch in Scurry, Borden, Mitchell and Howard counties, containing 50,000 acres; the Bob Pryon ranch in Scurry county, 10,000 acres, and the Bob Pryon Panhandle ranch in Wheeler and Gray counties, which contains some 30,000 acres. Eastern capitalists are the purchasers.

The annual convention of the National Live Stock Exchange will meet in Kansas City, July 18, 19 and 20. Two hundred delegates from fifteen cities will be present. If the present trouble with the packers is not settled when the convention meets, the principal subject to be discussed will be the packers' attitude in determining to buy live stock subject to post-mortem examination. Few people realize that the large commission firms all do seven or eight million dollars' worth of business every year. The July convention will represent an enormous volume of business.

Curious reports come from certain sections of Missouri to the effect that the hogs have been almost wholly subsisting on the larvae of the seventeen-year locust this spring. The larvae which was to develop into a full-grown singing locust has been working its way up through the ground, where it has laid dormant, close to the surface of the soil. It was readily found and devoured by the hungry hogs of the farmer, who is now reaping a crop which he never planted.

Chicago Italians have adopted a plan to divert the influx of Italian immigrants from Chicago and other large cities and establish them in agricultural communities. This will be part of the work of the Chicago Italian Chamber of Commerce, which is to be established. A good number of these immigrants have found homes in the Southwest on fruit farms and it is probable that many will follow, now that the pioneers have become well settled.

N. E. Darby, of Springfield, Mo., has been appointed state bee inspector. The State Bee Keepers' Association obtained the passage of a law at the last session of the legislature, creating the office of a state inspector, whose duty it is to visit different parts of the state and inspect bees to determine whether contagious diseases exist. The bee keepers have

been having some trouble on account of diseases among bees. An effort is to be made to stop the spread of this disease.

The largest known tree in Kansas was felled a couple of weeks ago near Williamstown. It was a cottonwood and was purchased by the Topeka Barrel and Box Factory, and four and one-half days were consumed by two men in cutting it down. It measured twenty-three feet, six inches in circumference. The body was sound and when sawed up made 2,500 feet of first-class lumber and about the same amount of second-class.

Thomas J. Wornall, of Liberty, Mo., secretary of the American Royal Live Stock Show, is visiting England and Scotland to inspect the herds of fine cattle in those countries. He will visit the fine cattle farms of King Edward, Lord Rothschild and other large breeders of fine cattle, returning home August 15th. In his absence, R. I. Bruce, of Liberty, Mo., is acting as secretary of the American Royal Live Stock Show.

A few days ago a load of hogs was received at the stock yards from South Missouri, according to a Kansas City paper and refused to eat corn put in the pen. A man familiar with the habits of hogs from different localities was standing near. "I'll tell you how to make them eat," he said. "Those hogs are accustomed to eating acorns. Throw the corn into the air, and when it falls they will think it dropped from the trees, and eat it." His advice was followed and the hogs immediately began to eat. Perhaps they were locust hogs, as well as acorn hogs!

Recent shipments of cattle from the ranges of the West and south Texas to the northern pastures have been exceedingly heavy, according to reports received from inspectors of the Texas Cattle Raisers' Association. The few reports which have already arrived, show that a total of over 700 cars have been shipped since last week. More than 400 cars left San Angelo during a recent week and the total number of cattle from various points will amount to about 20,000 head. The ranges are said to be dry and badly in need of rain. This is one reason why so many cattle have been hurried north lately.

There are now about two million pounds of twine at the Kansas penitentiary ready for distribution, and about one million pounds of sisal is on hand to be made into twine if the crop conditions continue favorable. The 100 convicts who work in the twine plant are now working on the prison farm and in the stone quarry.

The Texas legislature has passed an act creating the office of commissioner of agriculture. The new law requires that the new office be on an equality with the state offices and that it shall be similarly filled by election by the people. The duties of such commissioner are clearly and plainly stated, as is also the requirement that he be an experienced and practical farmer. His duty is directed entirely toward the interest of agriculture, and it is intended that his office shall further the cause of farming in any and all ways possible.

The Kansas harvest hands probably will be allowed to ride to the harvest fields for one cent a mile again this year. T. P. Gerow, employment agent, made application to the railroads some time ago for a one-cent a mile rate from the Missouri river. The railroads have decided to grant this rate and have asked the interstate commerce commission for the necessary permission to put the rate into effect about the middle of the month. On account of the new interstate commerce law this is necessary before a rate can be granted.

The concentrated feeding stuffs law, passed by the Kansas legislature last winter, goes into effect the first of July, and many of the millers of the state are showing a commendable promptness in complying with its provisions. All feeds sold in the state must bear a label showing among other data, the percentages of fat and of protein in them, and it is the duty of the chemical department to make the analyses necessary in this connection. The experiment station mail is burdened at present by inquiries concerning the scope and application of the law.

A model dairy and milking machines

will be one of the many features of the Interstate Fair and Exposition in September. The management of the fair has decided to divide the live stock exhibits into two classifications. From September 23d to 28th, the first week of the interstate fair, the light horses, such as standard thoroughbreds, saddle and carriage horses, and ponies will be exhibited. In addition to this will be exhibits of swine, sheep, poultry, dairy cattle and dairy products. From September 30th to October 5th, inclusive, there will be exhibits of all breeding and fat classes of beef cattle, including grades and cross-breeds, and all draft and coach horses. In the heavy classes of horses will be grade drafters and two, four and six-horse teams of draft horses in harness.

Oklahoma, from its admission to statehood, means to have full control of its railroads. In its proposed constitution it has inserted no less than forty-eight different sections dealing with the subject. No other matter receives so much attention, showing that in the opinion of the drafters of the constitution the railroad problem is the paramount question of the hour. Care is taken to prevent the roads attempting to influence the course of legislation by the granting of undue favors. The issue of free passes, except in exceptional well-defined cases, is prohibited absolutely. The constitution creates a corporation commission, the duties of which are described in elaborate detail, so that there may be no mistaking its powers. The commission is endowed with power to prescribe rates, charges and classification of freight. Should the roads be dissatisfied with its decisions on any of these questions, they are given the privilege of taking their case direct to the supreme court and obtaining its decision with the least possible delay. Passenger rates are limited to two cents a mile, but this provision may be suspended by the state commission, provided satisfactory evidence is furnished that such rate is not reasonably remunerative.

## The Week in Kansas.

## To the Editor of The Homestead:

This week has passed into history with a record a trifle better than those that went before. All that has been bad has not vanished, but those features have been modified slightly. It has not been quite so cold, not quite so dry and has not frosted, but it has been summer by no means.

The 30th of May a drizzling rain fell from early in the morning until well towards nightfall. There is a belief that it always rains on Decoration day, and we cannot remember when it has not. Even the dry year of 1901, the driest Kansas had in a long life-time, Memorial day was a rainy one. Though better than an inch of water has fallen in the past week, the soil quickly drank it up. Thursday and Friday no one worked in the fields, but work was commenced again on Saturday. All so far this week has been good weather for work, better, in fact, for that than for a growth of crops. Tuesday and Wednesday forenoon it was very cool again, much too cool for a good growth to be made by any crop.

The time is rapidly approaching when there must be a change in this infernal program of occasional cold days and always cold nights. Corn is not only small, but it is yellow and spindling. Much of the corn that has been above ground for over a month has a stalk that looks more like a slender spear of grass than it does like corn. It is barely large enough to be cultivated the first time. The only crop that is making anything like a satisfactory growth is the prairie grass. The pastures are now very good, except where over-stocked, and there we cannot expect to find good pastures. Alfalfa will be cut short at least one cutting and then the first will not be a large crop. Clover and timothy will be very short. The clover on this farm is all out in bloom, but is short and scantily leaved. The tame hay crop will again be a short one.

All work is well in hand. No one is rushed, as corn cultivation is rushing no one. Not even the weeds have been making their usual growth. Harvesting will be late; probably there will be none of it to do until well after the 4th of July. Wheat is only well out in head. The weather is cool again this morning, though the wind is in the south. A light shower fell during the night and there

## A Simple Prescription For Stomach Troubles

One That Can be Mixed at Home.

Here is a simple prescription that will tone your stomach and put it in condition to digest your food:

Compound Tincture of Cinchona, one ounce; Prosene Compound, one ounce; and Sherry Wine, half a pint; mix together and take one teaspoonful before meals and at bed time in a wine glass full of water.

This prescription can be put up by any druggist.

The Prosene Compound in this prescription is a compound of digestive ferments and the best vegetable tonics known to medical science; they increase the secretions of the gastric juices and increase their digestive power.

We advise that if you are troubled with your stomach you get this prescription filled at your drug store and give it a trial.

are still a few "rain clouds" around about. Henry Hatch.

Coffey county, Kan., June 6, 1907.

## THE MARKETS.

Chicago, June 8.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle	Calves	Hogs	Sheep
Sat., June 1....	290	54	8,029	4,387
Mon., June 3....	23,784	816	39,484	11,298
Tues., June 4....	3,224	4,706	16,279	11,269
Wed., June 5....	20,716	3,020	29,592	8,666
Thurs., June 6....	12,296	2,095	23,177	18,962
Fri., June 7....	4,317	605	22,067	7,448
Sat., June 8....	500	10	12,000	4,500

Total this week 64,837 11,252 147,299 62,143  
Previous week 49,327 12,145 126,573 66,095  
Cor. week 1906.50.240 11,260 129,210 72,600  
Cor. week 1905.59.853 11,996 143,873 62,590

Shipments—	Cattle	Calves	Hogs	Sheep
Sat., June 1....	2	.....	2,741	.....
Mon., June 3....	9,035	9	8,912	540
Tues., June 4....	2,710	97	3,226	1,451
Wed., June 5....	6,752	26	3,233	481
Thurs., June 6....	6,167	202	3,547	1,159
Fri., June 7....	4,098	49	3,150	454
Sat., June 8....	200	.....	1,500	200

Total this week 28,962 383 23,968 4,285  
Previous week 23,253 528 21,232 7,925  
Cor. week 1906.22.233 119 19,588 11,870  
Cor. week 1905.23.126 278 35,320 8,279

## OTHER MARKETS.

National Stock Yards, Ill., June 8.—Cattle—Receipts, 500; including 400 Texas; market steady. Hogs—Receipts, 3,800; 5c higher; top, \$6.27½; bulk, \$6.20 to \$6.25. Sheep—Receipts, 500; steady.

South Omaha, Neb., June 8.—Cattle—Receipts, 1,500; all through; market unchanged. Hogs—Receipts, 8,000; 5c higher; top, \$6.20; bulk, \$6.05 to \$6.10. Sheep—Receipts, 1,000; steady.

Kansas City, Mo., June 8.—Cattle—Receipts, 800; nominal. Hogs—Receipts, 7,000; steady; closed weak; top, \$6.25; bulk, \$6.15 to \$6.20. Sheep—Receipts, 1,200; strong.

St. Joseph, Mo., June 8.—Cattle—Receipts, none. Hogs—Receipts, 6,200; 5 to 7½c higher; top, \$6.27½; bulk, \$6.10 to \$6.22½. No sheep.

Sioux City, Iowa, June 8.—Hogs—Receipts, 5,500; 5c higher; range, \$5.90 to \$6.10; bulk, \$6.00 to \$6.05. Cattle—Receipts, 700; strong.

## THE PROFIT IS YOURS

by removing blemishes from your horses. Absorbine will help you. No blister, no hair gone. Mr. John F. Bruner, R. F. D. No. 40, Dale, Ind., writes March 15, 1907: "Absorbine removed two thoroughbreds, larger than a hen's egg, nice and smooth from a colt, and I sold him sound for a good price." Absorbine is made to give results, and satisfied customers are constantly recommending it to others. Absorbine removes any soft bunch, cures lameness, allays pain and inflammation. Descriptive pamphlet free if you want it. Absorbine \$2.00 per bottle at dealers or delivered express prepaid. Manufactured only by W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass.

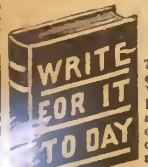
## "A GUIDE TO THE LAST WEST."

Under the above topic is issued a very complete descriptive pamphlet of the farm lands now available to homesteaders in the West. It will be sent to any address free of charge. The company issuing this handy booklet are owners by first selection of much of the best and choicest western Canada lands. Until homesteaders have read this little descriptive work they should not locate, as it contains much information that may make all the difference between a profitable and an unprofitable investment. The guide explains all about the new method of selling these lands. Write for the guide mentioning this paper. Send your address to the Luse Land Co., Ltd., St. Paul, Minn., or call or write their representative, Mr. Birt Amick, 220 Fifth St., Des Moines, Iowa.

## A GOOD HOG RANCH FOR SALE.

One of the finest suburban homes, and one of the best hog farms, containing fourteen acres, with a nine-room house, hog houses, chicken houses, corn cribs, all kinds of fruit and shrubbery, three acres of alfalfa, fenced and cross fenced, in fact everything that a man will need, is being offered for sale by Mr. Sol. Frank, of Sioux City, Iowa. He must give his attention to his other business, therefore must sell. It is a great place for some retired farmer, or a man who wants to devote his attention to hog growing and fruit growing. Write Mr. Sol. Frank, of Sioux City, Iowa, for further particulars.

## FREE BOOK For Men



We have just published new book of 76 pages which tells about Men's Diseases, such as Blood Poison, Nerve Weakness, Varicocele, Hydrocele, Kidney and Bladder Troubles, Etc., and how any of these diseases can be cured quickly and permanently by our simple and inexpensive new method.

Send your name and address today for free book. We will send it in a sealed wrapper. It contains valuable information for every man.

DR. FELLOWS & FELLOWS CO.,  
Rollins Bldg., Des Moines, Iowa.



# PILES

## FISTULA--NO MONEY TILL CURED

H. S. Price, The Golden Eagle Mercantile Co., Neosho, Mo., writes: "I was afflicted with piles for fifteen or eighteen months before going to you for treatment. I have now been cured just seven years, and can cheerfully say your treatment was satisfactory to me in every respect, and I have not suffered a minute's pain since. Your treatment in my case was entirely painless. I was not confined to my room five minutes from its effects during my two weeks' stay in Kansas City."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.  
Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed ..... Town..... State.....

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson XI. Exodus xiv, 13-27. June 16, 1907.

#### Israel's Escape from Egypt.

Israel made no hasty or clandestine departure from Egypt. Theirs was no attempted escape of fugitives from justice. They had a royal firman. The Egyptians fairly loaded them with gifts in hopes of placating the wrath of their offended Deity. The store of raw materials and metals they carried with them enabled them to make in the wilderness the tabernacle and its furniture, and all their armor, offensive and defensive.

Theirs was an orderly march. They advanced in tribes, each under its respective commander, Moses in the van, wonder-working rod in hand. In the midst, as a veritable palladium, Joseph's mummied form, enclosed in its hieroglyphic-covered casket, was carried according to his dying request. For sake of pasturage by the way for the myriad flocks and herds, the advance hosts must needs help deploy widely to right and left. To direct a general course for these somewhat widely-sundered detachments, God unfurled His pennon in the sky. That banner served a three-fold purpose—signal, shield and lantern.

To Israel's dismay, Jehovah's ensign moved in the very opposite direction from that which would have been expected. Instead of indicating a course toward Suez, the bridge between the continents, it moved southward along the western shore of the Red Sea, thus

placing an ever-widening barrier between the pilgrim caravan and the country which they sought.

When the ever-alert Pharaoh saw this tactic blunder, this march into a cul de sac, the hope of recovering lost power revived in the despot's heart. Or possibly it was the hope of revenge for the death of his son and heir, whose recently-discovered epitaph he was even then conning. He believed that the hapless Hebrews had unwittingly strayed beyond the jurisdiction of their God, who at best was only a local dignity, and would fall an easy prey.

At sight and sound of pursuing chariots, Israel was completely panic-stricken. They raised a querulous cry about there being plenty of graveyards in Egypt, and no need of coming to the wilderness to find one. On the dark background of this faithless and irascible conduct of the multitude the noble bearing of Moses shines with augmented luster. His "Stand still and see the salvation of God!" is an incomparable, inspiring bugle-note that has kept ringing through the ages.

A moment later and the captain of the Lord's hosts stands on the edge of the comparatively shallow western arm of the sea. He waves his oft-tried rod. In response there comes from the east a violent wind, which, in conjunction with the ebbing tide, leaves the bed of the sea uncovered. Deep pools to right and

### TOO LATE TO CLASSIFY.

## M. S. MOATS & SON'S DUROC JERSEYS

125 CHOICE pigs, sired by such noted boars as Crimson Critic, 2d prize boar at Nebraska state fair, Duroc Challenger's Wonder, Jumbo Critic, Ohio Chief, John D. Rockefeller and Mo. Gold Finch. We have herd challengers for the future. Write us at once.

M. S. MOATS & SON, - - - RANDOLPH, NEB.

left formed a perfect defense (wall), rendering a flank movement on the part of the enemy impracticable. In the meantime the pillar of cloud went to the rear and, spreading out and hanging low like a curtain, completely screened Israel from the observation of his foes. The same cloud cast its powerful searchlight forward, revealing the way through the sea in its entire length.

"Forward, march!" was now the inspiring command that rang along the whole column. Across the bridge which Jehovah had provided, the host, a thousand abreast, marched, and no little child, not even a lamb, was lost.

The temerity of sinners has no more striking illustration than in the rash boldness which the Egyptians essayed to use in pursuing them to the very bridge which God had made for His people. Pharaoh soon found he, not Moses, was in the cul de sac. God thundered and lightened out of His cloud, phenomena so rare in Egypt, as to strike terror to man and beast. Progress of the Egyptian host was delayed until flood-tide, when the wind abated, and the conditions which had favored Israel being exactly reversed, the Egyptians were whelmed in the deep.

#### Analysis and Key.

1. Israel's exit from Egypt. Not flight of criminals. They traveled by a special royal edict which gave them authority. Loaded with gifts.
2. An orderly march. By tribes. God's banner in the sky.
3. Pharaoh tempted to reclaim the Israelites by sight of their apparent entrance upon a blind alley.
4. Israel panic-stricken. Moses unmoved. Sea divided by wind. Israel crosses dry shod.
5. Pharaoh's attempted pursuit and destruction.

#### The Teacher's Lantern.

The inveterate character of sin is exemplified in Pharaoh. Ten plagues were not enough to kill it. The sight of Israel once more apparently within his grasp made the despot forget all his sufferings. Like the sinner who supposed the restitution of certain things, but added, "Remember, Lord, this don't count if I get well!" so Pharaoh's consent to let Israel go was given under the supposition that their departure was inevitable.

Lapse in faith disgraced Israel in his very exodus from Egypt. Sea to front and chariots to rear outweighed all the signs and wonders God had wrought in Egypt. A timid and querulous spirit took possession of him. The church of today and individual Christians need to pray to be saved from a similar lapse. The wonder-paved way God has led us should confirm our faith that He will still lead us on, though He divides seas to do it. David argues well when he says: "The Lord hath been mindful of us; He will bless us."

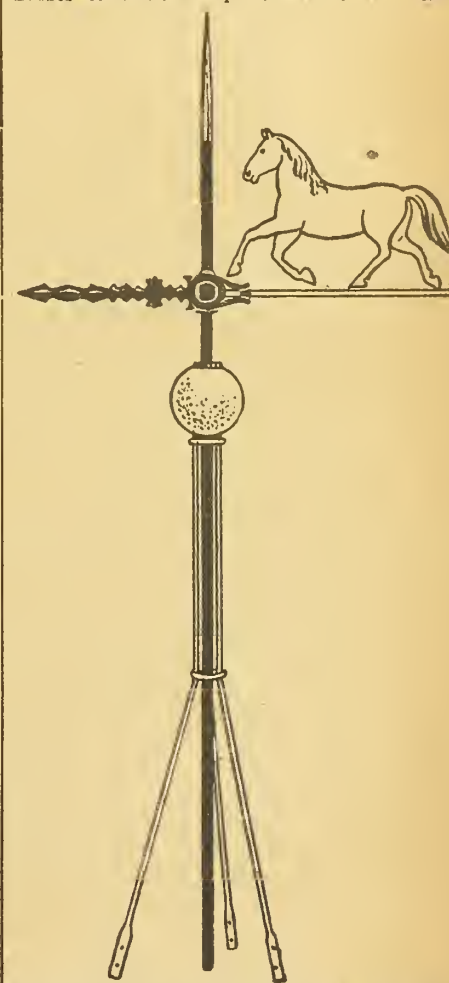
Shriving the Bible of the miraculous is a gratuitous task. The Bible is shot all through with the supernatural. One miracle, more or less, cuts a small figure. But the very terms of the Scripture account, in this instance, lead us to believe that the means used to make a way for Israel through the sea were largely natural. Moses' rod did not divide the flood. It evoked a strong wind; that, in conjunction with the ebb-tide, did the rest.

Pharaoh's mummy is a most inconvenient find for strictly literal interpreters of Scripture. Does the record force the conclusion that Pharaoh himself was drowned? It is not the custom for commanding officers to put themselves in positions of peril, but the contrary. When Pharaoh's host was overthrown in the Red Sea, Pharaoh's self was over-

thrown practically, though not literally.

#### HIGH-GRADE LIGHTNING RODS.

Those of our readers who have been investigating the subject of lightning rods are no doubt acquainted with the firm of Jos. H. Barnett & Co., Riverside, Iowa. This company puts out a fine line of goods and the copper cable which they use is high-grade material, being practically 98 per cent pure. This is one of the important points to be considered in buying lightning rods, and the superior grade of material used by this firm in making their rods places them right at the head of the list of the best makers of lightning rods. The company has been doing a very prosperous business with the readers of this paper for some time, and those who intend soon to install rods and fixtures on their houses or barns can place their order with



this firm with confidence that they will be treated honorably in every respect. The patronage of Jos. H. Barnett & Co., extends to all parts of the country, which is largely due, no doubt, to the high quality of their products and the honorable methods pursued in the management of their business. We would advise all persons interested in protecting their lives and buildings from loss during the coming summer, through lightning, to address a letter to this firm asking for full particulars regarding their line of goods. Address, Jos. H. Barnett & Co., Riverside, Iowa. Kindly mention this paper when you write. See page 5.

#### HAVE YOU SEEN THESE LANDS?

Good farmers who want homes will be given every encouragement to see farms that are now offered in 35,000 acres of cut-over lands in Minnesota. Situated in Beltrami and Clearwater counties, this section is right in the best dairy, sheep and general farming region of the state. Three markets, namely, St. Paul, Minneapolis and Duluth, compete for the produce from this section. Tracts of land suitable for large or small farms may now be secured. Professor Shaw is quoted as saying that the possibilities of this region are far beyond popular estimate. Now is the time to investigate this land and make selections of farms before it is cut up. Colored maps and illustrated folders will be sent to anyone looking for a home by writing to Mr. Roger C. Spooner, president Donald Land and Lumher Company, Drawer N., Bemidji, Minn. See page 15.

Every foot of ground available for diversified farming and under high state of cultivation, is a part of the description of the two Minnesota farms offered for sale on account of the death of the owner, and found in the advertisement on page 15. One of the farms is 240 acres; the other 110 acres. They adjoin New Richland, a good school and market place. Terms may be obtained by writing to Mr. C. W. Wagner, Litchfield, Minn. Kindly say you saw the notice in The Homestead.

### OUR RED LETTER

# Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

**FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.**

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

## THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaking, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date .....190..

Homestead Company, Des Moines, Iowa:  
Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaking, as per your special offer to Homestead readers.

Name .....

Postoffice .....

Rural Route .....

State .....



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

- Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
 Oct. 1, W. H. Haith, Tecumseh, Neb.  
 Oct. 2, W. M. Putman, Tecumseh, Neb.  
 Oct. 3, Elmer Lamb, Tecumseh, Neb.  
 Oct. 4, R. F. Miner, Tecumseh, Neb.  
 Oct. 5, F. C. Crocker, Filley, Neb.  
 Oct. 9, Turner Able & Son, Rochester, Ill.  
 Oct. 9, Frank Butterfield, Polk City, Iowa.  
 Oct. 10, Lein Bros., Story City, Iowa.  
 Oct. 10, W. S. West, Hanna City, Ill.  
 Oct. 12, Preston & Yustin, Corning, Iowa.  
 Oct. 15, H. B. Griffiths, Bowen, Ill.  
 Oct. 15, Boar sale, Claude Huffman, Scranton, Iowa.  
 Oct. 16, McNeil Bros., Bowen, Ill.  
 Oct. 17, Thomas & Hogsett, and Fagan, Browning & McCabe, at Golden, Ill.  
 Oct. 18, Fred Kraschel & Son, Macon, Ill.  
 Oct. 19, J. M. & W. T. Gatton, Springfield, Ill.  
 Oct. 21, J. W. & Earl Taylor, Kokomo, Ind.  
 Oct. 22, Manlove Bros., Bowen, Ill.  
 Oct. 23, R. R. Steele, Cedar Rapids, Neb.  
 Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
 Oct. 23, Geo. W. Seckman & Son, Mt. Sterling, Ill.  
 Oct. 24, A. W. H. and Albert H. Orr, Lorimer, Iowa.  
 Oct. 24, M. W. Greer & Son, Rushville, Ill.  
 Oct. 24, J. F. Nichol, Pierson, Iowa.  
 Oct. 25, Rissler Bros., Sanborn, Iowa.  
 Oct. 26th, J. A. Russell & Son, Corning, Iowa.  
 Oct. 29, Watson Bros., Creston, Iowa.  
 Oct. 30, Geo. R. Manifold, Shannon City, Ia.  
 Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
 Nov. 5, Stansell & Matern, McNabb, Ill.  
 Nov. 6, O. L. Mossman, Polk City, Iowa.  
 Nov. 7, S. L. Hopper, Neola, Iowa.  
 Nov. 9, Boar sale, Hood & Baker, Dunlap, Ia.  
 Nov. 9, H. G. Warren, Inland, Neb.  
 Jan. 16, S. G. Collicott, Lake City, Iowa.  
 Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
 Jan. 21, Weighton & Ashby, Audubon, Iowa.  
 Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
 Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
 Jan. 23, Reisser Bros., Sanborn, Iowa.  
 Jan. 23, Robt. Pritchard, Carroll, Neb.  
 Jan. 24, B. A. Shafer, Sanborn, Iowa.  
 Jan. 24, W. M. Lessman, Wayne, Neb.  
 Jan. 25, Henry Wallersdorf, Hartley, Iowa.  
 Jan. 30, Hood & Baker, Dunlap, Iowa.  
 Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
 Feb. 3, Robt. Schaaf, Polk City, Iowa.  
 Feb. 4, Frank Butterfield, Polk City, Iowa.  
 Feb. 6, W. R. Bennethum, Madrid, Iowa.  
 Feb. 7, O. A. Olson, Madrid, Iowa.  
 Feb. 10, Claude Huffman, Scranton, Iowa.  
 Feb. 11, Perry Livengood, Castana, Iowa.  
 Feb. 12, Clark & Tryon, Wausa, Neb.  
 Feb. 12, D. F. Counts, Mapleton, Iowa.  
 Feb. 13, Isenbarger Bros., Battle Creek, Iowa.  
 Feb. 14, Marion Booth, Battle Creek, Iowa.  
 Feb. 15, Geo. R. Manifold, Shannon City, Iowa.  
 Feb. 18, Lein Bros., Story City, Iowa.  
 Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
 Feb. 21, Fred Frazier, Ankeny, Iowa.  
 March 3, Geo. W. Custer, Merville, Iowa.

## SHORT-HORNS.

- June 14, H. H. Diers, St. Olaf, Iowa.  
 June 19, N. P. Hargren, Vinton, Iowa.  
 June 26, A. B. Clark, Wayne, Neb.  
 July 11, A. H. Brett, Mason City, Iowa.  
 Sept. 24, L. B. Converse, Maryville, Mo., at South Omaha, Neb.  
 Oct. 1, Mrs. Welcome Mowry, Adm's tr'x., Traer, Iowa.  
 Oct. 2, H. J. Weber, Jefferson, Iowa.  
 Oct. 4, Lucas County Short-horn Association, C. A. Huntley, Sec'y., Chariton, Iowa.  
 Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
 Oct. 10, G. H. Buerge, Mt. Vernon, Iowa.  
 Oct. 12, Geo. H. Dietz, Manning, Iowa.  
 Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
 Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
 Oct. 24, S. W. Hogate and J. T. McMahon, Bladen, Neb.  
 Oct. 25, T. B. Hart and James K. Alexander, Edinburg, Ill.  
 Oct. 29, John Rasmess, Lake City, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
 Nov. 29, Joseph Miller & Sons, Granger, Mo.  
 Dec. 19, J. T. Judge, Carroll, Iowa.

## POLAND CHINAS.

- Oct. 10, W. D. Fulton, Villisca, Iowa.  
 Oct. 15, E. C. Blauer, Mount Ayr, Iowa.  
 Oct. 15, John Blain, Pawnee City, Neb.  
 Oct. 17, H. L. Ackerman, Clearfield, Iowa.  
 Oct. 23, Jens Jensen, Exira, Iowa.  
 Oct. 26, H. L. McKelvie, Fairfield, Neb.  
 Oct. 30, Ralph Meckam, Larabee, Iowa.  
 Nov. 6, W. J. Crow, Webb, Iowa.  
 Nov. 9, G. H. White, Malvern, Iowa.  
 Feb. 19, W. W. Wheeler, Harlan, Iowa.

## ABERDEEN ANGUS.

- June 18, H. A. Cole, at Des Moines, Iowa.  
 June 19, Combination Sale, Kankakee, Ill., M. A. Judy, Mgr.  
 June 25-26-27, L. H. Kerrick Est., Bloomington, Ill., W. C. McGavock, Mgr.  
 Sept. 25, H. L. Cantine, Quincy, Iowa.  
 Sept. 26, Lem Lemar, Storm Lake, Iowa.  
 Oct. 16, John E. Griffith, Washington, Iowa.

## HEREFORDS.

- June 18, Hood & Baker, Dunlap, Iowa.  
 Feb. 23, 26, 27, C. A. Stannard and others, Emporia, Kan., at Kansas City, Mo.

## O. I. C. SWINE.

- Oct. 19, J. S. Kennedy, Blockton, Iowa.  
 Oct. 18, A. T. Garth, Larned, Kan., at Kansas City, Mo.

## POLED DURHAMS.

- Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

## SHORT-HORNS AND POLAND CHINAS.

- Oct. 8, Ira Cottingham, Eden, Ill.

## POLAND CHINAS AND DUROC JERSEYS.

- Oct. 19, E. A. Olive, Scranton, Iowa.

## POLAND CHINA AND O. I. C. SWINE.

- Oct. 23, F. G. Paul, Laurel, Iowa.

## FIELD NOTES.

A car load of Hereford bulls are offered for sale by Mr. A. Spooner, Mondamin, Ia. Some splendid young Hereford bulls are offered for sale by Messrs. Hood & Baker, Dunlap, Iowa.

Mr. Geo. M. McMurry, of Maryville, Mo., has a number of Duroc Jersey boars of fair size that should be in service where good, strong, useful boars are needed. See

page 23 for Mr. McMurry's advertisement and the sires of the boars offered.

A good Bates bull, bred in the purest of Bates blood, is offered for sale by Messrs. Clark & Tryon, of Wausa, Neb.

Two yearling Meddler boars are offered for sale by the well-known Poland China breeders, Messrs. Wm. Ray & Son, Defiance, Iowa.

Mr. N. A. Lind, Rolfe, Iowa, is offering some nicely bred Scotch bulls for sale, sired by his former herd bull Imp. Fancy's Pride.

A few good Scotch bulls are offered for sale by Mr. C. C. Norton, Corning, Iowa. These are sired by Imp. Bapton Admiral and Banker's Victor.

For Durocs write Messrs. McNeil Bros., of Bowen, Ill., owners of Buddy K. IV, the highest priced Duroc Jersey boar ever sold at public auction. See page 23.

A few good young Scotch bulls are offered for sale by Messrs. C. W. Daws & Son, Harlan, Iowa. These are herd headers and it will pay any of our readers to go and see them.

Some splendid fall Duroc Jersey boars are offered for sale by Mr. August Voge, Portsmouth, Iowa. These are sired by Red Knight Again, a son of the sweepstakes boar, Red Knight.

Mr. Ernest L. Mear, of Neponset, Ill., is making attractive prices on Chester White swine from prize-winning ancestry in his advertisement on page 22. Write for full particulars.

Mr. H. L. Ackerman, of Clearfield, Iowa, places the date for his fall sale of Poland Chinas on October 17th. Kindly bear this sale in mind and favor this breeder with your patronage if possible.

Three Ohio Chief boars are offered for sale by Mr. C. F. Kirk, Ponca, Neb. Two of these are fall boars and one is a yearling. Write Mr. Kirk about these at once and mention The Homestead.

Mr. W. B. Porter, of Cameron, Mo., can furnish O. I. C. pigs rich in the blood of Jackson Chief, the boar that won more money at the St. Louis World's Fair than any boar of the breed.

Mr. H. S. Allen, Russell, Iowa, is offering some good fall boars by his sweepstakes boar Crimmon Wonder Again, out of dams by the World's Fair boar Top Notcher Again. Write Mr. Allen about these.

Mr. Carl Hansen, Herman, Neb., offers four fall Duroc Jersey boars for sale, sired by old Bar None, his well-known herd boar. He needs the room and \$20 will get any one if ordered shipped right away.

Mr. H. B. Griffiths, of Bowen, Ill., is the proprietor of one of the best herds of Durocs to be found anywhere. He has an extra good lot of spring pigs which he is offering for sale at reasonable prices. See page 23.

Three splendid fall Duroc Jersey boars, sired by I Am A Wonder, and out of the \$1,500 sow Ruberta, are offered for sale by Mr. F. E. Garrett, Lohrville, Iowa. Write Mr. Garrett about these or go and see them.

Among the recent dates listed for Duroc Jersey fall sales is that of Messrs. A. W. H. and Albert H. Orr, of Lorimer, Iowa. Kindly remember this sale and honor it with your presence if possible. Watch for future announcements.

Messrs. H. W. Goff & Son, of Darlington, Mo., offer Young Mary Short-horn bulls on page 20. These breeders solicit your patronage, which they will make every attempt to please. Write them for what they have to offer, mentioning The Homestead.

Fox terrier rat dogs will get rid of farm vermin quicker than any other known means of extermination. One of our advertisers, Mr. C. H. Drake, of Hazelton, Iowa, writes us that he has two fine litters of these pretty and useful dogs and prices them in his advertisement on page 10. The dogs are guaranteed to be good workers. Write him your order, mentioning The Homestead.

On page 20 of this week's issue will be found the advertisement of Mr. F. P. Healy, of Bedford, Iowa, the veteran breeder of Short-horn cattle. He also breeds Shetland ponies and has a good, high-class herd of these. He also compiles and prints all kinds of sale catalogs at reasonable rates. If you want a sale catalog printed write him for prices and further information. When Mr. Healy does it it will be sure to be right. Kindly mention The Homestead when writing.

Hereford bulls, six to fourteen months old, also old and young females, are for sale at the well-known farm of Messrs. G. W. Way & Son, of New Sharon, Iowa. The bulls are sired by the noted Beau Brummel 4th and are well-formed animals of an age to satisfy critical buyers. Those who are interested in this offering will be taken to the farm at no expense to themselves. Call at the Way Hardware Store when you land. If you can't see the stuff, write for descriptions, mentioning The Homestead. See page 20.

Messrs. Mack Stevens & Son, of Iowa City, Iowa, are offering a superb Double Standard Polled Durham two-year-old bull for sale at a bargain price. This bull was bred by themselves, and has been used some, in fact all that he could be. He is so closely related to the major portion of the herd that it is not advisable to breed so close. He is straight and true in his lines, both top and bottom. He has a splendid head, beautifully polled. He is masculine in character generally. This firm will be glad to quote a close price on this bull to some appreciative buyer. The announcement may be found on page 22.

Mr. C. F. Shaffer, of Wellman, Iowa, breeder of Poland China swine and Short-horn cattle, writes us that he has on hand 175 head of little Poland Chinas and they are doing well. They represent his spring crop, and are sired by five different herd boars of the best lines of breeding. Mr. Shaffer thinks they are the finest lot of pigs he has ever raised. They are already showing growthy qualities and conform in every way to the highest type of the breed. Old customers will no doubt find some choice selections among his new crop, and as the pigs are ready to ship they had better send in their orders at once. The attention of bull buyers is called to a choice lot of youngsters sired by his splendid herd bull, Scotland's Pride. These bulls are red in color and are low-down, thick, early-maturing animals. You should write him at once for prices

regarding any of this breed of stock. Kindly mention The Homestead when writing.

Mr. Austin Renshaw, of Blair, Neb., starts in this week with a new Duroc Jersey advertisement in which he offers two fall boars and a few sows for fall farrow. His crop of pigs numbers something like 125 head of March and April farrow. They are sired by Long Alix, Arion and Redwood Chief. As the litters were nearly all from mature sows they have done exceedingly well and offer a fine chance for making selections. Write your wants, mentioning The Homestead. See page 23.

Mr. D. H. Lewis, of Geneseo, Ill., the well-known breeder of Chester White swine, reports the sale of one of his boars which he was offering for sale in these columns. He writes as follows: "I sold my boar, The Winner, to Mr. Frank Little, of Erie, Ill. He is one of the largest breeders in this section of the country." The Winner was a winner in one of the strongest shows at the Illinois State Fair last year and was the sire of several litters of spring farrow. Mr. Lewis will be pleased to furnish prices and particulars of the stock which he is offering for sale. Look up the advertisement on page 22 of this issue, and kindly mention The Homestead when writing.

Mr. A. V. Lock, of Remington, Ind., the well-known live stock artist intends to make a trip through the central west within the next two weeks. There are a large number of breeders who are fitting their stock for show this coming fall, and Mr. Lock would be pleased to hear from any who wish drawings made. It is important to communicate with him at once, for if he can find a number in one locality the expense may be reduced. Mr. Lock has been doing work for many of the leading breeders of the country, and guarantees his work to give satisfaction. If any breeder intends to have sketches made he will find it to his advantage to write Mr. Lock at once. See advertisement on page 22.

Hereford bulls got by St. Elmo 13th and Keep On 23d, are advertised by Messrs. Kater & Smith, of Grant City, Mo. These bulls are of such quality and breeding as to commend them to the most critical buyers. They are out of cows as well bred as the sires, and all are cows that Messrs. Kater & Smith have either bought on account of their individual excellence or are cows of their own raising that have been retained to increase the herd. These gentlemen have not grown a haphazard herd, as the weeding out process has been indulged in to such an extent that they have no stock for which an apology is necessary. Few better places to buy bulls are to be found. See page 21.

Spencer Jones, Carroll, Neb., is one of the younger breeders of Short-horn cattle and Poland China hogs that is building up good herds of both breeds. He recently purchased the young bull, Orangeman, a son of Imp. Lord Mount Stephen out of Imp. Orange Lily by Imp. Mountain Archer to head his herd. He is a Cruickshank Orange Blossom and will make him a good herd bull. Mr. Jones has a lot of good American bred cows in the herd, of the Rose of Sharon, Young Mary and Rosemary tribes. Mr. Jones has been breeding the good sized Polands and has had the 1,000 pound boar, Long Ring, at the head of his herd. Many of his spring pigs are sired by him, and the rest are by On Line Perfection, a son of Online, a boar of considerable reputation. He has a nice crop of spring pigs which he expects to grow out for the fall trade.

Two Nebraska Duroc Jersey breeders, namely, Messrs. W. A. Kirkpatrick, of Lincoln, and A. W. Wilson, of Bethany, advertise jointly some six head of good fall boars for sale, as well as some sows bred to Lincoln's Wonder. They write regarding their success in the pens as follows: "Our pigs are doing fine and are the growthiest we ever had. One litter by Crimmon Model and out of a sister to the sow that topped our sale at \$700 is very fine. Lincoln Girl's litter by Crimmon's Wonder's Brother are of special note. Morrison's Peach has a spanking good litter by Kan't Be Beat. Lady Newton's litter takes the eye on short notice. We have a fall boar out of Nancy D. II., two by Fancy Crimmon Wonder and four by Crimmon Wonder's Brother that are very heavy boned and extra good individuals. Some of these are getting ready for the fairs. But above all and best of all is Lincoln Wonder out of Morrison's Peach and by Ohio Chief. The best breeders say he is very large for his age and he pleases us exceedingly well." Write your wants to these breeders. See page 20. Kindly mention The Homestead.

## OHIO CHIEF BOARS.

Anyone wanting a good Ohio Chief boar should write to Mr. W. A. Rankin, Carson, Iowa. He has several splendid fall boars, also a good yearling. Read his advertisement on page 23 and write him, mentioning The Homestead.

## BRETT'S SHORT-HORN SALE POSTPONED.

Owing to certain unfavorable conditions, Mr. A. H. Brett, of Mason City, Iowa, has postponed his sale which was to have been held June 27th to July 11th. Some fifty head of Short-horn cattle and several mares and stallions were listed for this sale. The offering which will take place July 11th will be practically the same as has already been advertised. Remember this date and attend the sale if possible.

## NOVINGER &amp; SONS OFFER CRUICKSHANK HERD BULLS.

Messrs. Isaac A. Novinger & Sons, of Kirksville, Mo., are offering five Short-horn bulls, among which is some herd bull material of such breeding and individual merit as to command the attention of men hunting this class of stock. A rich red roan past one year of age is a bull that should please some critical buyer. He is even in all his lines, a well-balanced fellow with good quarters and is a low-set, easy-keeping bull. He was got by Lavender Viscount 2d, a son of the two-time champion, Lavender Viscount. His dam, Sweet Lavender, was got by Golden Crest and out of Imp. Lavender Thyme 2d by Prince of Fashion; second dam Lavender Thyme by Gondoller; third dam Lavender 28th by Lord of the Isles. Then follow dams got by Lord Lansdowne, Count Bickerstaffe 2d, etc. A straight Victoria, a Secret, a Mary Anne, and a Secret are also offered. All are well grown and are bulls that Messrs. Novinger & Sons are proud to put out. See

page 24 for their advertisement and kindly mention this paper when writing them.

## MCINTYRE'S FALL BOARS.

Those of our readers who want a good fall Poland China boar with plenty of size and ample bone, should read the advertisement of Mr. F. W. McIntyre, of Red Oak, Iowa, on page 22 of this week's issue and write him an order. He is also offering a number of good fall sows bred to his well-known boar, P. W. Glant, for fall farrow. It will pay any of our readers to go and see these fall boars and sows. He is pricing them within the reach of everybody. Mention The Homestead when writing.

## SHORT-HORN HERD BULLS FROM HEAVY-MILKING DAMS.

The man hunting a Short-horn herd bull from a heavy-milking dam and got by a two-time champion bull that was out of a heavy-milking cow, can do no better than at Hughesdale Farm, owned by Mr. H. J. Hughes, of Trenton, Mo. Viscount of Anoka heads Mr. Hughes' herd and this is the home of the great Rowena 2d. Mr. Hughes has several cows that produce as much milk and butter as does Rowena 2d. See page 23 for Mr. Hughes' advertisement.

## ANGUS BULLS FOR SALE.

If you wish to buy a good Angus herd header write or go and see Mr. W. H. Jones, of Quimby, Iowa. He has one Erica, twenty-two months old, which was sired by Edward R. and out of an imported dam; one Pride, twelve months old, sired by Cherokee Black Hawk, and out of an imported dam; one Blackbird and one Jannet for sale. All four of these bulls are extra good individuals, and can be bought at the right price if taken soon. See advertisement on page 21 and mention The Homestead when writing.

## JOSEPH MILLER &amp; SONS TO SELL SHORT-HORNS.

Among the successful breeders of Short-horns in northeast Missouri is the firm of Messrs. Joseph Miller & Sons, of Granger. These gentlemen have bred the Short-horn for some years and their herd is of such size that they will, on November 29th, make a draft sale of about forty head. Both the Scotch and Scotch-topped sorts will be drawn on and a number will be the get of their chief stock bull, Imp. Craibstone, got by the Duthie-bred bull, Mystic Archer, and out of Craibstone Shepherdess by Craibstone, he by the celebrated Wm. of Orange. Remember Messrs. Miller & Sons' date and watch for future announcements of the sale.

## ABERDEEN ANGUS BULLS.

Parties wanting Angus bulls will do well to write Mr. W. F. Eckles, of Green City, Mo. He is offering very attractive young fellows at prices that will move them. These young doddies are sired by Pride of Albion 5th 53114, a double Pride bull, of great scale and of fine individual merit, and a sire of good ones. Mr. Eckles makes a specialty of selling bulls on mail orders, and parties buying will need have no hesitancy in ordering of him, though he asks everyone who can to come and see these cattle. Young bulls from this herd are giving good satisfaction wherever sent and everything is guaranteed as represented. You will be pleased with the animal you receive from Paradise Stock Farm should you give them your order. Berkshire swine are another one of the first-class articles found on the farm, and they are booking orders for fall. Write for price and catalog or call and see Mr. Eckles at his farm. The farm adjoins city.

## TAYLOR'S DUROCS.

The writer representing The Homestead spent a very pleasant day at the home of Messrs. J. W. & Earl Taylor, of Kokomo, Ind., recently and found one of the best herds he has seen in the past few weeks. These gentlemen have at the head of their herd a yearling son of Hanley, called Hanley's Perfection, that more closely resembles his sire than any boar that has passed our observation. His dam, Helen R., was bred by Messrs. McNeil Bros. and is one of the good sows of the herd. Last winter Mr. J. W. Taylor, the senior member of the firm, secured from the well-known breeder, Mr. Ed. A. Baxter, a fall boar by Buddy K. IV, and out of Tip Top Notcher's Baby, a daughter of Tip Top Notcher. This young boar is coming along nicely and a large number of the females in the brood sow sale will be bred to him. It can readily be seen that this firm have the blood lines represented in their herd which will produce much good stock for them. Their fall sale will be held on Monday, October 21st, full particulars of which will be given in these columns. If any of our readers are in search of good spring boars these gentlemen can furnish them at very reasonable prices. A large number of them are sired by Hanley's Perfection, and among the number will be found a large percentage that are fit to head herds. Plan to visit this herd and if this is not possible, write for particulars regarding their herd. We take pleasure in recommending this firm to our readers who may be in search of Duroc Jerseys. Kindly mention The Homestead when writing.

## RODDEWIG'S CHESTER WHITES.

On page 20 of this week's issue will be found the Chester White advertisement of Mr. E. J. Roddewig, Newcastle, Neb., who has started a splendid herd of Chester Whites. He has about fifty spring pigs this year sired by Dandy Boy 12791, a son of Nashua Boy 12563. He is a good boar and a good sire, and he is also a full brother to the great prize winning hog, Modeller. These pigs are mostly sired by Dandy Boy, and are as good as you will find anywhere; in fact some of these pigs are extra good and will certainly develop into good herd boars. Lady C., a daughter of Perfection 11705, and a first prize winner as a yearling at the Nebraska State Fair in 1904, and a second prize winner at the same fair in 1905, is in the herd, and she has seven right-up, first-class pigs by Dandy Boy. This sow is not only a good individual when in form, but she is an excellent breeder. Another good sow is Podd, by Monarch Jr. (the latter boar being a well-known prize winner in the J. L. Barber herd). She farrowed eleven pigs and is rearing five corking good ones. The balance of the sows are daughters of Prosperity and Ak-Sar-Ben, boar used at the head of the Robertson herd at Lyons, Neb. Mr. Roddewig has a good bunch of pigs; they are good in head and ear, have good bodies, and good deep hams. Mr. Roddewig



# DISPERSION SALE OF THE ENTIRE HERD OF ABERDEEN ANGUS CATTLE

Belonging to H. A. Cole at Iowa State Fair Grounds, Des Moines, Iowa, June 18, 1907.

**"A CROP THAT NEVER FAILS" viz. "CROP OF FULL BLOODED CALVES" and  
"A CROP THAT PAYS ON \$100 LAND IS A CROP OF FULL BLOODED CALVES"**

THERE will be 65 head in the sale. Among these will be 18 bulls, including my herd bull Imp. Electrician, a richly bred Erica bull, weighing 2,200 lbs. The rest will be two-year-old bulls. There will be 47 head of cows and heifers in the sale, 15 of which will have calf at foot. Among these are several Imported Cows of the Pride, Queen Mother and Drumin Lucy families. There is also an excellent representation of Ericas, Blackbirds, Barbaras, Heatherblooms, Easter Tulloch Duchess, Georgianas, Kinochtry Blue Bells, Rose of Skeen and Lady Fern families. There never was a better opportunity offered to buy good Angus cattle, as we only bought the best for foundation stock. There will be a splendid lot of young heifers in the sale and some excellent young bulls. A change in business and having sold my farm necessitates my disposing of the herd. If you want to buy Angus cattle here will be the greatest opportunity of the year to buy right. Write me for catalog at once. Address,

H. A. COLE,

3211 S. WESTERN AVE.,

CHICAGO, ILLINOIS.

COLS. F. M. WOODS AND ICO, AUCTIONEERS.



will book orders for boars at any time, and if any of our readers want one, and want the best, they should write him and have him select one of these pigs. The first come will be first served in this case, and the man that gets there with his orders first will have an opportunity to get the best pig. His prices are very reasonable, considering the quality of the pigs offered for sale. Kindly mention The Homestead when writing.

## LESSMAN'S DUROC JERSEYS.

Mr. W. M. Lessman, of Wayne, Neb., well known as one of the leading Short-horn men in the state, is now out with a full-fledged Duroc Jersey herd, and has seventy spring pigs this season. Much of the foundation stock comes from the Manley herd, and three of his best brood sows are daughters of Orion, and he has over twenty granddaughters of old Orion in the herd. His former herd boar was Red Jim, a son of the boar, Victor, that was first in his class at the Interstate Fair in 1904. He is the sire of many of the pigs now cavorting around the Lessman farm. His present boar is Jumbo John, a son of Young John, out of a Jumbo red dam. He is a decidedly large hog for his age, with a good arched back and plenty of bone, and he is a pig getter from the word go. One of the best young sows is a daughter of Duroc Challenger's Wonder, with a nice litter of pigs by Crimson Critic, the second-prize Nebraska State Fair boar. Another nice litter is out of a daughter of Morrison's Bell Top, the pigs being sired by Nordyke's Top, a son of Trone's Oom Paul. Pride of Wayne, a granddaughter of Proud Advance, is one of his old, reliable brood sows and she has a litter of pigs by a son of Junior Jim. Mr. Lessman is a practical stockman and he has made a good reputation for himself in northeast Nebraska. He intends building up one of the best Duroc Jersey herds in the state. He will have some good boar pigs to offer later in the season and will book orders at any time. He will also make a brood sow sale in January, at which time he will offer a good lot of brood sows. His advertisement begins in The Homestead a little later in the season, at which time we will have more to say about his herd.

## E. Z. RUSSELL'S DUROCS.

Among the many good Duroc Jersey herds today in Nebraska, one that stands out prominently among the rest, is that of Mr. E. Z. Russell, of Blair, Neb. The Russell herd is one of the oldest in the state and no other herd today in Iowa or Nebraska has given better results to buyers than has the Glendale herd of Mr. E. Z. Russell. This is a broad assertion, but it has been proven time and again by those who have purchased stock of him. Everybody, and especially every Duroc Jersey man, knows Mr. E. Z. Russell. He has been president of the National Duroc Jersey Association, and is now one of its directors. No man living has done more to put the association where it belongs than Mr. E. Z. Russell. He has advanced the association's every interest until he has seen her grow into one of the strongest organizations of any breed of swine. He put the same enthusiasm into his hog breeding, and he has today a herd that is recognized by every breeder in the land. At the head of the herd is the great boar, Glendale Critic, a son of the noted Crimson Wonder. As a show boar he has won his share of the honors at the Iowa and Nebraska State Fairs, as well as at the Interstate Fair, and as a sire he stands today as one of the greatest of the breed. Two years ago he had the honor of siring the first-prize boar pig, the first-prize sow pig and the first-prize litter at the Iowa and Nebraska State Fairs, as well as at the Interstate Fair, Sioux City, Iowa. Last year he was placed third at Des Moines and second at Lincoln, and his two sons, Crimson Critic and Critic's Echo, won second and third at Lincoln and this year he will have the best lot of Critics that has ever been shown. Here is a boar that has few if any equals as a sire, and his get show as much quality and finish as any boar in the West today. He will show Jumbo Critic, a two-year-old son of his this year. He will weigh right at 1,000 pounds and is one of the smoothest big boars that has ever been seen at the fairs. He will also show a good yearling called Critic's Banker, that shows much promise. Mr. Russell has been very fortunate in having herd boars. Old Malcolm's Model is still doing service in the herd, and this grand old son of Top Notcher has proven a splendid sire. Daughters of his have been much sought after by other breeders, and have always proven good brood sows. He has also used Glendale Jim, a boar that he has won on at both the Iowa and Nebraska State Fairs. His present crop of 175 pigs are sired by Glendale Critic, Jumbo Critic, Malcolm's Model, Glendale Jim, Crimson Critic and Radiator, and are as good a lot as he has ever raised. He has five Critic litters on the place. Lady Bob 2d, a daughter of his noted old brood sow, Lady Bob, by Gold Dust Jim, has a good litter, also Bob's Nancy, the mother of Critic's Echo, has seven good

ones by the same boar. Another one of his best brood sows, a daughter of old Surprise, a boar that has done splendid service in the herd, has four boars and one sow by Critic, and Nancy's Top, a line-bred Nancy sow, has nine pigs by Critic. Queen B. by Perfection, dam by Higgins' Model, has six pigs by Critic, and he also has a number of extra good litters by Jumbo Critic and Crimson Critic. Mr. Russell does not say much, but keeps sawing wood all the time. When the fair season comes round he always has something to uncover, and he will line up again with the boys this fall. He will have the best lot of Critic boars for sale this fall that he has ever been able to get together, and they will not all be spring pigs, either. We cannot do our Duroc Jersey breeders a better turn than to advise them to secure one of these before the fall season goes by. Behind these is a line of breeding that breeds on, and many of the most prominent show winners of late years are closely related to the boars at the head of the Russell herd. This is true of Crimson Wonder I Am and Crimson Wonder Again, both sweepstakes boars at the Iowa State Fair, both being sired by Crimson Wonder, the sire of Glendale Critic. Mr. Russell will be pleased to hear from any of the boys from now on and he will book orders for anything they may want. When writing him kindly mention The Homestead.

## THOMAS & HOGSETT'S DUROCS.

There are a great many good herds of Duroc Jerseys in Illinois, but it is a question in the mind of the writer representing The Homestead, if there is a better one than that owned by Mr. L. E. Thomas, of Golden, Ill., and Mr. R. E. Hogsett, of LaPrairie, Ill. The best blood that could be had was secured in laying the foundation for this herd. The first boar of prominence that was used was Big I Am, first-prize boar under six months at Illinois State Fair, 1904. This boar was one of the best sons of Buddy K. IV, and was the sire of much good stock. He died the property of Messrs. Manlove Bros. & Norris, who secured him from this firm. The next boar that Messrs. Thomas & Hogsett used was Ambition, the first-prize boar pig under six months at the Illinois State Fair in 1905, and second-prize yearling at the same fair in 1906, and the choice of the breeders present for first place. This boar is the sire of many prize winners. At the Illinois State Fair last year the get of Ambition won more ribbons than the get of any other boar, and the first sixteen gilts that this boar sired sold for \$1,677.50. Ambition has long since proven his worth as a breeder, and the pigs sired by him this year are coming along in excellent shape. This firm are also the owners of one-half interest in the World's Fair champion boar, Tip Top Notcher, and have a large number of pigs for the season's trade sired by him. In later issues we will have more to say regarding this herd, but would advise those of our readers who are in the market for good Durocs of the most fashionable blood lines to visit these gentlemen and inspect the herds. They will be pleased to furnish particulars and prices to all who are interested in Durocs. Look up the advertisement on page 23 and write for further information, kindly mentioning The Homestead.

## THE KERRICK DISPERSION.

The opportunities offered to breeders and farmers in the dispersion of the Angus herd of the late Hon. L. H. Kerrick, of Bloomington, Ill., are numerous. The Angus breed and cattle interests of this country in general, owe much to the efforts made by Mr. Kerrick in the breeding of Angus cattle. Through him, and the stock exhibited by him, much of the popularity of the Angus breed in this country may rightly be ascribed. He gave to the American people the best and highest priced lots of steers that were ever exhibited or sold in the Chicago market. He maintained one of the best and largest herds of thoroughbred cattle in this country, and it is of the dispersion of this herd that we wish to speak. The most fashionable and profitable families are represented in this offering. Mr. Kerrick was a lover of individual merit as well as breeding. In the offering is included the Ballindaloch Lady Fanny bull, Imp. Lord Fretful, one of the two bulls, (the other being his grandsire, Imp. Prince Ito) now in service in this country, that was bred at Ballindaloch and kept in service in that noted herd. There are in this sale a large number of the Ballindaloch Lady Fanny family. It should be remembered that from Ballindaloch herd have come some of the best and most noted Angus bulls, and in this family breeders may secure the blood which has given to the breed some of its most noted sires. Ericas, Prides, Blackbirds, Queen Mothers, Antelopes, Minas and other noted families are represented in large numbers. It is impossible to speak of the offering individually, as there are 255 lots cataloged and over three hundred head to be sold. The large number to be sold assures buyers of good bargains. The cattle are sent forward in good breeding condition, and will do well for their future owners. The

breeder or farmer who is interested in Angus cattle should plan to be present at this noted dispersion. Never in the history of this country has there been offered to the public at auction such a large number of cattle, the property of one man, and the opportunity given should not be overlooked. This sale marks the passing of one of the best herds of the breed, which has taken years to build up to the prominent place it now occupies. Mr. W. C. McGavock, of Springfield, Ill., has charge of this sale, and the catalogs are out and will be sent to all who apply for same as per the announcement on page 24 of this issue. Further particulars regarding this noted herd will be given in later issues. Kindly mention The Homestead when writing for catalog.

## MARTZ HAS ONE HUNDRED GOOD PIGS.

On a recent visit to the Oakdale stock farm, owned by Mr. A. E. Martz, of Liberty, Neb., we found him busily engaged in caring for 100 good Duroc Jersey pigs that are among the very best that we have had the pleasure of looking at this year. Mr. Martz has been breeding good Durocs for a number of years and has produced some of the very best animals that have been exhibited at the leading state fairs. It will be remembered that Mr. Martz is the man that exhibited the great boar, Junior Jim, that won first in his class at the Nebraska State Fair and was sold by him to the well-known firm of Manley & Co., of Lyons, Neb. Junior Jim is too well-known among Duroc men to need any further comment, as his produce have been among the most sought for of the Duroc Jersey breed. A half interest in this great hog was sold by this firm for \$2,500, making him one of the most valuable Duroc boars of the breed. Most of the sows now in the herd of Mr. A. E. Martz are daughters of this great hog, and the crop of pigs that are the descendants of him show much of that same type and smoothness as did their grandsire. Most of this year's crop are from his herd boar, Billy M., he by the great show boar, Billy K., and having for his dam Betsy Maid, the first prize sow at the Nebraska State Fair in 1903, she being a daughter of the great show boar, Van's Perfection, the sire of a great many of the highest-priced Durocs that have been sold this year. With this great combination of prize-winning blood in most every animal on the place it looks as if individuals could be selected in this herd that ought to be prospective show animals. Mr. Martz is now booking orders for September delivery, and we will have you know that he is the man that ships subject to your examination, and if they are not just as he represents them they may be returned at his expense. Write him your wants and we will assure you proper treatment. When writing please mention this paper. See page 23.

## PRITCHARD'S DUROCS.

A representative of The Homestead recently called on Mr. Robert Pritchard, of Carroll, Neb., and found him with the best lot of Duroc Jersey spring pigs we have ever seen him have. These are sired by Welsh Vanderbilt 40567, a son of Combination, and he is the boar that topped the Kirkpatrick sale two years ago, and by Frankfort K. 51345, the boar that won first at the Nebraska State Fair and the interstate fair last year in the six months class. Mr. Pritchard also has pigs by the great Kan't Be Beat as well as by other well-known boars. Mr. Pritchard has bought the best of boars and sows for his herd and if nothing happens he will come out to the fairs this fall with a nice string of Durocs. Last fall he showed Frankfort K. at Sioux City, and got first place, also got first on a spring gilt. He will show a litter this fall out of this same sow, and they are sired by Frankfort K., a commingling of blood lines that should mean considerable if prize winning blood means anything. He certainly has a good growth on these, and in fact he has a splendid growth on all of his pigs. He also has a good litter sired by Pat Crowe, out of a daughter of Glendale Critic, dam by Gold Dust Jim. Mr. Pritchard also has some good litters by Welsh Vanderhilt, and an April litter by Kan't Be Beat, out of an Ohio Chief sow. Two of the good Welsh Vanderhilt litters are out of Royal Plummer and Pericles H. dams, its later being a winner of second prize at Sioux City two years in succession. Frankfort K., this great son of Improver II, has done well in Mr. Pritchard's hands and he may be seen at the fairs this fall. Breeders will be interested in taking a second look at him because he has developed into splendid form. Here are a few of the good litters now on the farm: Carroll Beauty, the first prize gilt at Sioux City, 1906, by Carroll, Lady 121376, sire Welsh Vanderhilt 40567, now has a litter of seven, farrowed March 4th by Frankfort K.; Miss V. W. by Victor 30013 by Chief Luther 25155, dam Lodes 93772, has a litter of eight, farrowed March 24th by Frankfort K.; Miss N. B. 121368, by Pericles H. 29733, dam Rosebud C. 51790, raising litter of eight by Welsh Vanderhilt; Fancy Belle K. 121372, by Royal Plummer 21015, dam Fancy Zoo 50562, raised a litter of six by Welsh Vanderhilt;

Critic's Fancy by Glendale Critic 33293 dam Sunshine II. 71502, raised a litter of seven by Pat Crowe 48695, Little Girl, by Griff's Banner 38555, by Suburban Chief 21847, dam Uneeda Top Notcher 95688, by Tip Top Notcher 20729, raised a litter of eight by Top Notcher Chief 29247. Mr. Pritchard's advertisement begins in this week's issue and he will hook orders for spring boars at any time. Anyone wanting a Kan't Be Beat pig should write him and he will have some good ones by Welsh Vanderhilt and Frankfort K. Kindly mention The Homestead when writing. See page 23.

## CLARK & TRYON'S DUROCS.

A representative of The Homestead recently paid a visit to the herd of Messrs. Clark & Tryon, of Wausa, Neb., and found them caring for a splendid crop of pigs. Each succeeding year these men have raised the standard of their herd, until today they have one of the best herds in northern Nebraska. This year they have 100 spring pigs and about twenty-five fall boars and gilts. Their spring pigs are sired by Peter Pericles 57059, a son of Pericles H. 29733, the Bevington boar that won three times in succession at the Interstate Fair. The other boar that has sired them a lot of good pigs this year is Sam Patch 50973, a son of Sam Patch (a Nebraska State Fair winner and also second-prize boar at St. Louis). The dam of this boar is Royal Lass by Nathan, the latter boar being one of the good ones used in earlier days in Nebraska. They have about twenty-five spring pigs by him. They have also used a son of Proud Advance, but sold all their sows bred to him. They have a good litter by Glendale Critic I Am, a full brother to Crimson Critic, the Nebraska State Fair winner. One litter by Clovercroft Orion out of a Top Notcher sow, and one litter by Jumbo Critic out of a Malcolm's Model sow. They also have a litter by Advance Lad, a full brother to Proud Advance, out of an Orion sow. In fact these gentlemen have the best lot of pigs they have ever raised, and as to the blood lines it is diversified enough to fill the requirements of any of the boys. Messrs. Clark & Tryon have endeavored to keep in the front of the procession, and have therefore bought liberally this winter, and are in a position to fill orders for all their old customers, as well as the new ones. They are reliable breeders, and do not sell anything that is not strictly all right, and if it should prove to not be right, they will make it right. That is their motto and they live up to it. They have eighteen fall and winter boars for sale, and these are ready to do service at any time. Their advertisement will begin in The Homestead in July, but if any of our readers should want a pig they should write Messrs. Clark & Tryon at once. Kindly mention The Homestead when writing.

## THE LAST CALL FOR THE COLE DISPERSION SALE.

On Tuesday, June 18th, Mr. H. A. Cole, of Chicago, Ill., will make a dispersion sale of his "Tenderloin" Aberdeen Angus herd at the fair grounds, Des Moines, Iowa, at which time he will sell his herd bull, Imp. Electrician, several imported cows and their descendants. There will be sixty-five head in the sale, eighteen of which will be bulls. Many of the cows and heifers will have calf at foot, and all old enough will be in calf to Imp. Electrician or to a young Queen Mother bull that has been used in the herd. There will be three Blackbird females in the offering. One of these is Blackbird of Glen Lea, a three-year-old, with a bull calf at foot by Imp. Electrician. Another is the four-year-old double Gay Dolly Blackbird, with calf at foot by Imp. Electrician, and she will also have a daughter in the sale. Imp. Sherbert of Southgate will have a bull calf at foot by Imp. Electrician, and Imp. Queen of Kirkridge, a three-year-old, will be due to have a calf at sale time by the same bull. Imp. Christie Pride is a three-year-old Pride with a yearling heifer in the sale, and she will be bred back to Imp. Electrician. There will be four Prides in the sale, two females and two young bulls. There will be three Queen Mother females in the sale and one Queen Mother bull. There will be one three-year-old Erica with calf at foot by Imp. Electrician, besides a lot of Georgianas, Easter Tulloch Duchess, Barbaras, Drumin Lucys, Heatherblooms and other well-known families. Imp. Electrician, the herd bull, will be sold with the rest and he should be looked after by some of the best breeders. He will not be loaded with fat, but will be in good breeding condition, and he is right to do good service. Mr. Cole formerly owned Imp. Marmion's Eric, his full brother, and lost him, and he thought so much of him that he purchased his full brother, and he has been his main herd bull. He formerly owned 2d Lad of Emerson, a son of old Gay Lad, and some of the females in the sale will be daughters of his. Among the young bulls will be two Prides, one Queen Mother, one Barbara and one Heatherbloom. When laying the founda-



# 70 Head of Scotch and Scotch Topped Short-horn Cattle 70

From the Herds of A. B. Clark and Wm. Lessman, at

..... WAYNE, : NEBRASKA, : WEDNESDAY, : JUNE : 26, : 1907.....

The Best Lot of Short-horns ever offered for sale in Northern Nebraska.

## 16 BULLS, 54 FEMALES, 25 CHOICE HEIFERS. 10 COWS WITH CALF AT FOOT

**W**E are selling some of the very best cattle we have in our herds, and this offering is largely a draft from one of the largest and best herds in the west. The Scotch families represented in the sale are Queen of Beauty, Mary Ann of Lancaster, Daybreak, Dorothy and Evangeline tribes. The American sorts are represented by Young Marys, Young Phyllis, Sanspareil, Arabella and other well-known tribes. We are offering a grand lot of bulls, ranging in age from 9 months to two years. The cattle that go into our sale are splendid individuals, having lots of scale and plenty of bone. Cows not having calf at foot and old enough will be bred to our well-known herd bulls. There will be sons and daughters in the sale of the \$1,000 bull Merry Marshall, King Champion (now at the head of the C. A. Saunders herd) Lord Banff 20th, Gwendoline Lad 2d, Star of Morning, Golden Champion, Scottish Butterfly, Comamnder and Cumberland. We are contributing twenty very choice heifers, the pick of our herds. We are doing this to give the young breeders an opportunity to get a bunch for foundation stock. The cows are splendid milkers and raise their own calves, always. Write for catalog and come to the sale. Address

### AUCTIONEERS:

Col. Cunningham, Wayne, Neb. Col. Baird, Hartington, Neb.  
Col. Walker, Newman, Iowa. Col. Dennis, Laurel, Neb.  
(Please mention Iowa Homestead when writing for catalog.)

**A. B. CLARK, Wayne, Neb.**  
**W. M. LESSMAN, Wayne, Neb.**

tion for his herd Mr. Cole secured some of the best females in the Chas. Escher dispersion sale at Chicago, as well as many other good things from other leading Angus herds. Recently he sold his 400-acre farm at Belgrade, Neb., where his herd was located, and it was therefore necessary to dispose of the herd. It will be an absolute dispersion sale, and it will be an opportunity for Angus men to buy some choice cattle. Read the advertisement on page 19 of this week's issue and write Mr. Cole for catalog. Please mention The Homestead when writing.

### SHORT-HORN BARGAINS OFFERED BY J. W. McDERMOTT.

Some years ago Mr. J. W. McDermott, of Kahoka, Mo., founded a herd of Short-horns, buying a number of females got by the two great breeding bulls, Grand Victor and Imp. Nonpareil Victor, the bulls that made the herd of Mr. Geo. Bothwell, of Nettleton, Mo., so popular. Some of these were show cattle that were shown by Mr. Bothwell; others were good breeding cows selected by Mr. McDermott for foundation stock. To these were added cows from other herds and a good-sized working herd was established. All were rich in Scotch blood, as well as being choice individuals. To head the herd Mr. McDermott secured at a long price Imp. Cypress 2d 191756, a bull that traces in all his lines to Cruickshank's best productions. He was got by Cypress, he by Wm. of Orange by Roan Gauntlet and out of Orange Blossom 21st. Cypress dam, Clarita, was got by Gondolier by Cumberland, he by Pride of the Isles. The dam of Cypress 2d, Imp. Merry Beauty, was got by Merry Mason, he by Wm. of Orange by Roan Gauntlet. Better-bred bulls are not found and Cypress 2d grew to a 2,400-pound bull, thick fleshed and low down. Mr. McDermott used him for several years and then sold him to go to Illinois, where he is still in service. His get are thick from end to end, with good fronts, well-sprung ribs, full rear quarters and are the easy-keeping, smooth-fleshed kind, so much in demand. Wild Scottish Crown, got by Imp. Nonpareil Victor and out of a daughter of Grand Victor, has also been in service. He is an all red bull with two good ends and a good middle. At the Tebo Lawn dispersion Mr. McDermott secured Fair Goods, got by the champion Choice Goods, and out of the great show cow, Ruberta. As Fair Goods is developing he promises to be one of the great bulls of the breed. At twenty-three months of age he weighs right at 1,500 pounds and in just nice breeding condition. Mr. McDermott could not have made a better selection of the Choice Goods bulls, as Fair Goods is one of the best ever sired by that great sire of high-class bulls. To describe Fair Goods would be describing a hull with so few faults that our readers would question the description, hence we will simply say he is a show bull from the tip of nose to setting on of tail. If all goes well he will be out at the fall shows prepared to stand the criticisms of the best judges. Fair Goods

### TOO LATE TO CLASSIFY.

**F. P. Healy, Bedford, Ia.,**

BREEDER OF

SCOTCH and Scotch Topped Short-horn Cattle and Shetland Ponies, Stock for sale at all times. SALE CATALOGS PRINTED.

All kinds of sale catalogs compiled and printed at reasonable rate. Address,

**F. P. HEALY, - BEDFORD, IOWA.**

### SIX GOOD FALL DUROC JERSEY BOARS

FOR SALE—Extra good individuals. Priced right if taken at once. Sired by Fancy Crimson Wonder. Limited number sows bred to Lincoln's Wonder for September farrow. W. A. Kirkpatrick, Lincoln, Neb., A. W. Wilson, Bethany, Neb.

### G. W. Way & Son, New Sharon, Iowa.

YOUNG bulls, 6 to 14 months old sired by Benj. Young Mary. Your patronage solicited. H. W. & Son Burlington, Missouri.

Fifty Chester White Boars and Gilts. BOOKING orders for boars and gilts at any time. These are sired by Dandy Boy 12791, a full brother to Modeller, and out of my best sows. Address, J. J. Roddewig, Newcastle, Nebraska.

SHORT-HORN bulls. Breeding traces to Imp. Young Mary. Your patronage solicited. H. W. & Son Burlington, Missouri.

has been in hard service all winter and many fine cows and heifers are being offered that are safe in calf to his service. It may also be interesting to our readers to know that the great show cow, Golden Abbotsburn, purchased by Mr. McDermott at the Tebo Lawn sale, has given birth to a heifer calf by Choice Goods. The calf is now four months old, is a beautiful roan and a great prospect for a fine cow. That Mr. McDermott is pleased to get a heifer is a certainty and especially so as he has the only female got by the greatest show bull of recent times and out of unquestionably the greatest show cow shown in recent years. Just now Mr. McDermott is making a drive on some fifteen yearling bulls, sons of Imp. Cypress. They are all reds, are good, growthy fellows ready for service. They are being priced within the reach of any farmer, as Mr. McDermott wants to close them out. Anyone wanting the bunch can get them at such a price as will enable them to make a nice profit. See page 24 for Mr. McDermott's advertisement and if wanting either Short-horn bulls or cows and heifers write him, saying you saw his advertisement in this paper.

### MAUPIN & APPLIGATE'S DUROCS.

A representative of this paper last week visited with Messrs. Maupin & Applegate, of Shelbina, Mo., saw their herd of Durocs and is pleased at the progress these gentlemen are making in breeding up-to-date Duroc Jerseys. These gentlemen believe that it is by the use of good sires that breeding herds are brought to their highest state of perfection and last year they bought boars that can claim as their sires as great boars as the breed has yet produced. One of these and one Messrs. Maupin & Applegate have every reason to be proud of is Belle's Chief 51323, a son of the \$6,000 Ohio Chief and out of Savannah Belle. He is a litter brother to the \$2,000 gilt sold in Mr. Murphy's bred sow sale and was Messrs. Maupin & Applegate's choice of the boars of that litter after Mr. Murphy had made his selection. Belle's Chief has in no way proved a disappointment to these gentlemen and they are better pleased with him now than ever before, as he has grown out well and is proving an exceptionally good sire. Buddy O. 2d 48597, got by the \$5,000 Buddy K. 4th, and out of a daughter of Tip Top Notcher, was also bought at a long price. He, too, is a good one, having plenty of size, well-sprung ribs, two good ends and a fine head. Queen's Advance 50257, by Proud Advance and out of a daughter of Parnell Banner completes the array of herd boars heading the herd. Queen's Advance is the best Proud Advance boar the writer knows of. Three such royally-bred boars heading a single herd are rarely found and all are contributing toward the upbuilding of one of the best herds in east Missouri. The sows in the Messrs. Maupin & Applegate herd are fully as well bred as are the boars. We find daughters of Proud Advance, Tip Top Notcher, Leader, Goldie's Top Notcher and other sows by good boars raising fine litters by the various herd boars. A former herd boar, Missouri Chief 28141, that was sold to Mr. H. E. Browning, of Illinois, left many fine things in the herd. A crop of fall pigs by him were raised last fall. Among these are a lot of gilts that can only be appreciated when seen. A boar of October farrow by Missouri Chief has been held in reserve, but as they have three boars that are entirely satisfactory as sires the pigs will be priced to some appreciative buyer. He is an evenly-balanced fellow with a fine hack, extra good hams, a set of feet and legs that are good and a fine head. Could his ears be made a trifle lighter he would make a phenomenal show in over six and under twelve months class this fall. Messrs. Maupin & Applegate do not ask a fancy price for him and he should go to some good herd. The crop of sprug pigs are coming on nicely and a number of good prospects were seen. The boar pigs from the herd will be sold at private treaty and the gilts will go in the bred sow sale next winter. Messrs. Maupin & Applegate solicit a share of the patronage of our readers and promise each and every customer an honest square deal. See page 23 for their advertisement and when writing kindly mention this paper.

### MOATS & SON'S DUROC JERSEYS.

Among the good Duroc Jersey herds in northern Nebraska none stand higher in the estimation of the breeders than does that of Messrs. M. S. Moats & Son, of Randolph, Neb. The writer has known this herd since it was first started, and has watched the marked progress that has been made since it was founded. At the beginning, the senior Mr. Moats came over to the Manley sale a number of years ago and made them all go

.... SALE OF ....

## SHORT-HORN CATTLE

On June 19th, at my Farm 4 miles South of Vinton, Ia.

I will sell 47 head of Short-horn cattle, consisting of

## 47 34 FEMALES AND 13 BULLS 47

Fully twelve or 15 calves will be sold with dams. My Scotch herd bull, Prince Royal, will be included in the sale. About half the offering is sired by Prince Royal and those sired by him are bred to the Scotch hull, Scottish Fancy. Note the following pedigrees:

### PRINCE ROYAL 175494.

Dark red, calved October 19, 1900. Owned by Mr. N. P. Halgren.	Sires.	Breeders.
Dams.	Got by Imp. Prince Odeic 136398	W. S. Marr
Sunnyside	Sir Charming 2d 123972	C. C. Norton
Delicacy	Imp. Ducal Crown 97149	A. Cruickshank
Imp. Daybreak 4th	Lorne (45178)	J. Wilson

### SCOTTISH FANCY 278303

Red; calved Dec. 14, 1905. Bred by A. L. Ames, Buckingham, Iowa.	Sires.	Breeders.
Dams.	Got by Royal Rosewood 173629	Thompson & Sons
Imp. Louise 2d	Golden Fancy 234248	J. Black
Imp. Louise	Watchman 144676	J. D. Fletcher
Lily 2d	Gladiator (62650)	M. S. E. Macrae

### ROYAL PRIDE 278302

Red, calved Nov. 20, 1906. Bred by A. L. Ames, Buckingham, Iowa.	Sires.	Breeders.
Dams.	Got by Royal Banner 164584	Owens Bros.
Imp. Louise 2d	Golden Fancy 234248	J. Black
Imp. Louise	Watchman 144676	J. D. Fletcher

### IMP. LOUISE 2d.

Red, calved Jan. 1, 1903. Bred by Wm. Wilson, Banffshire, Scotland.	Sires.	Breeders.
Dams.	Got by Golden Fancy 234248	J. Black
Imp. Louise	Watchman 144676	J. D. Fletcher

This will be a splendid opportunity to buy practical, useful Short-horns. There will be some Scotch cattle included in the sale, among which will be Imp. Louisa 2d, the Butterfly cow, Royal Lassie and the Cruickshank herd bull, Prince Royal 175494 and Royal Pride 278302. The first named is a Miss Ramsden and the last is a Cruickshank Jessie or Louise. These cattle are in the pink of breeding condition, but are not overladen with fat. Vinton is on both lines of the Rock Island road. Parties coming on the Milwaukee should leave the train at New hall. Free conveyance to the sale.

**N. P. HALCREN, Owner**

Auctioneers: Cols. Carey M. Jones, J. W. Hite and David Wilson  
Write at once for catalog, mentioning Homestead.

by buying several of the best things in that sale. The following year he was back again and repeated the performance. This marked the beginning of the Moats herd and from that time until the present this herd has steadily gone forward. Last year they made their initial appearance at the Nebraska State Fair where they landed second prize on their yearling boar, Crimson Critic, a son of the noted Glendale Critic, and he also got third on him at the Interstate Fair. He was also a winner at both fairs on Duroc Challenger's Wonder, their other boar that has done good service at the head of their herd. This year they have 160 spring pigs and we don't remember of their ever having a better bunch, and certainly they never had a better-bred lot. The major portion of these is sired by Crimson Critic, today recognized as one of the greatest boars in Nebraska, and for which a very tempting offer has been refused from several of the best-known and most widely-advertised Duroc Jersey breeders in the West. The pigs they have are sired by him and a number of these will be seen at the fairs this fall. They also own Chimes Advance, a son of Proud Advance, and he has proven a great breeder, and has developed into a splendid hog. They have some good litters sired by him and some of the highest-priced gilts in their last sale were daughters of this boar. They also have a couple of litters by Jumbo Critic, the great big two-year-old that Mr. E. Z. Russell will

show at the fair this fall. One of these litters is out of Moats' Choice, the dam of Crimson Critic, and they expect great things out of this litter. There are two litters by Mo. Gold Finch, one litter by Jim Jr., one litter by Masterpiece and one litter by old Kan't Be Beat out of an Ohio Chief sow. They also have two litters by a son of Ohio Chief, as well as litters by Critic's Echo and T. C.'s Orion. Their old brood sow, Hawthorne by Red Boy, has a good litter by Crimson Critic. She is a granddaughter to old Duroc King and she has been one of the best mothers in the herd. Another good litter is out of Chitwood Lady by Chitwood, Surprise, her dam being sired by Jim. This is the sire of the noted boar, Junior Jim. This litter is also by Crimson Critic. Kruger's Profit by Radiator also has a nice litter by Crimson Critic, and there are two good Reed's Banker sows with litter by Mo. Gold Finch, the boar that now heads the Geo. Blessing herd. Lady Bob 3d, a daughter of old Malcolm's Model, out of a Gold Dust Jim dam, has a splendid litter by Jumbo Critic. If variety of breeding, coupled with show-yard blood, cuts any figure they certainly have it in the Moats herd. They will be out to the fairs this fall when they will be pleased to show the boys the kind of stuff they are producing. This firm have just started in the Short-horn business and have about eighteen head, several of which are Scotch cows. Several of these are nursing



good, lusty calves and they will have some nice young bulls for the trade later on. They also breed Percheron horses, and no firm in the state have put out so many good, serviceable horses as have this firm during the past few years. Messrs. Moats & Son will be pleased to hear from any of our readers at any time and will book orders for boar pigs from now on. If you want a Crimson Critic or a Kan't Be Beat boar write them about it. Kindly mention The Homestead when doing so.

## POUSH'S DUROCS.

A representative of The Homestead recently visited the herd of Mr. A. E. Poush, of Charlton, Iowa, and found him caring for about eighty spring pigs. These are sired by Ohio Chief, Savannah Belle's Chief, Junior Jim, Daisy's Advance, Proud Advance Jr., Orion's Advance and a son of Crimson Wonder 1 Am. Mr. Poush will be remembered as one of the men who paid \$2,000 for the great Ohio Belle, and he now has her on his farm. She is bred again to Crimson Wonder Again, the sweetstakes boar, and Mr. Poush will grow her out for the fall shows. Savannah Belle's Chief, her litter brother, is one of the boars at the head of the Poush herd, and he is also fitting him for the falls this fall, together with his other yearling boar, Daisy's Advance, a son of old Proud Advance. Mr. Poush will have some choice things to offer the boys later in the season, at which time we will take pleasure in telling our readers about them.

## A SPLENDID OFFERING OF NEBRASKA SHORT-HORNS.

An offering of Short-horn cattle that should attract the attention of western farmers and breeders will be the breeders' sale at Wayne, Neb., on Wednesday, June 26th, when seventy head will be offered at public auction. Mr. A. B. Clark and Mr. W. M. Lessman, two of the best-known breeders in northeast Nebraska, are the contributors. The most of the cattle, however, are from the Clark herd. There will be sixteen bulls in the sale, ranging in age from nine months to two years, and the most of these are ready to do active service. There will be fifty-four females, ten cows with calves at foot, and twenty-five very choice heifers. There will be a liberal number of Scotch cattle in the sale of the Queen of Beauty, Mary Ann of Lancaster, Daybreak, Dorothy and Evangeline tribes, together with sons and daughters of such well-known sires as the \$1,000 bull, Merry Marshall, King Champion, Lord Banff 20th, Star of Morning, Gwendoline Lad 2d, Golden Champion, Scottish Butterfly, Commander and Cumberland. The cattle are in nice condition, having had range of the best pastures on a 640-acre farm. We desire to call our readers' special attention to the Clark cattle and the Clark herd. We have known Mr. A. B. Clark since he first bought his foundation Short-horn herd. For twenty-five or thirty years he has been the leading stockman in northeast Nebraska. During that time he has bought bulls for the range and he has purchased and fed out range cattle by the thousands. For years he was the leading buyer in the Sioux City Stock Yards, and therefore knows the cattle business from beginning to end. During those years he learned to love the Short-horn because he could make more money out of them than any other breed of cattle, and when he concluded to found his pure-bred herd he naturally stayed with the cattle that did so much for him. However, there were three things that he always demanded when buying, and these were plenty of scale, good bone and good milkers. He liked a good pedigree, but he insisted on having the individual with it, and today no herd in the West can show as many broad-backed, big, roomy milking Short-horns as will be seen in a half day's drive through the Clark pastures. We never saw Mr. Clark buy a pony cow, but on the other hand when an animal filling his requirements as above referred to came into a sale ring he was always the foremost bidder. The cattle that he will offer in this sale are of this type and are the practical milking, money-making kind of Short-horns that are now in such demand by western farmers. This is essentially a breeder's sale, and not a combination sale. In fact these gentlemen have always sold their own cattle and have never been in what may be termed a combination sale. Mr. Clark will sell fourteen bulls in the sale. Six of these are two-year-olds, all big, lusty fellows, and ready to do the hardest kind of service. One of these is Marshall Gloster, a son of Merry Marshall, and out of Seraphina of Rocky Run by Duke of Gloster. He is a strapping big fellow and will make as large a bull as his sire. Another one of these is Harbinger by Scotch Cup, and one of the best two-year-olds in the sale. Another particularly smooth bull is Cumberland Wild Eyes by Cumberland Hero by old Cumberland, on a Wild Eyes foundation, and he will please many a man on sale day. Mr. Clark will offer four yearling bulls that are ready to do service. One of these is Banff's Hero by Gauntlet's Hero, dam Lucy Banff by Imp. Lord Banff. Another is sired by Gwendoline Lad 2d, a grandson of Imp. Lavender Lad, and another nice roan is by Scotch Cup on a Young Phyllis foundation. He is also selling a few very choice bred October bull calves. One of these is Wayne Banff by Lord Banff 20th and out of the pure Scotch cow, Daybreak's Maid 2d by Gold Bug 57894. Another one of these is Earl Banff by Lord Banff 20th out of Maid of Lancaster 3d by Commander. Both of these are excellent young bulls, and both of their dams will also be sold in the sale. There will be fifty-five head of females, twenty-five of which are young heifers. About ten of these will have calf at foot, while a great many will be right at calving. These have been bred to Cumberland of Wayne, a son of old Cumberland, and Red Gauntlet 2d, a son of the Harris-bred bull, Red Gauntlet. Among the Scotch cows to be sold is Pride B, of Elm Creek, a daughter of Scottish Butterfly and a well-bred Queen of Beauty. She is well along in calf to Lord Banff 20th. Maid of Lancaster 3d is another well-bred Scotch cow, a daughter of the noted bull, Commander, and belongs to the noted Mary Ann of Lancaster tribe. She will also have a daughter in the sale sired by Gold Bug 57894. Rose Champion is a daughter of King Champion out of a Merry Marshall dam. She is one of those well-known Dorothys, of which there are but a very few in the West. Daphne 2d is a

## BERKSHIRE HOGS.

## 1907 Crop of Berkshires at Chapel Hill.

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address, W. D. McTavish, Coggon, Iowa

daughter of Lord of Wildwood, a most excellent milker, with a nice bull calf at foot by Lord Banff 20th. Florette is a four-year-old daughter of Golden Champion, the bull that formerly headed the Funke herd at Greenfield, Iowa. She has a good bull calf at foot. There is a splendid lot of these Scotch-topped cows in the sale and many of them are splendid milkers. Among the good heifers is a nice roan October calf called Lady Gauntlet by Roan Gauntlet, a Scotch-topped Buttercup. Another nice three-year-old heifer is a daughter of Star of Morning, a bull that was well-known in the show rings of Canada and was afterwards brought to Nebraska. She has a bull calf at foot. There will be a nice bunch of heifers in the sale and a man could easily get enough here to found a herd. Mr. Lessman sells a three-year-old heifer sired by his former herd bull, Scotch Fashion, and two yearling bulls, one sired by Scotch Fashion and one by Gold Coin. In this sale will be a splendid lot of bulls and some excellent cows and heifers. There will be a grand good lot of milkers in the offering and both farmers and breeders can well afford to attend this sale and buy some of these cattle. Write Mr. A. B. Clark, Wayne, Neb., for catalog and mention The Homestead, and then be sure to attend the sale.

## LAST CALL FOR N. P. HALGREN'S SALE OF SHORT-HORNS.

The farmers and breeders of eastern Iowa will have an opportunity to attend a Short-horn feast at the farm of Mr. N. P. Halgren, four miles from Vinton, Iowa, on June 19th. On that date Mr. Halgren will offer the breeders and farmers of the middle West an opportunity to buy his herd of Short-horns without reserve. The herd has been built up on practical lines until it now numbers better than fifty head. All of the desirable or salable cattle will be contributed to the sale. Certainly the time of year is propitious for a successful sale, as buyers can take their new purchases home and place them in their pastures at very little expense for keeping during the next six or seven months. As evidence that this herd is a business one and that the female portion are prolific, we will state that there will be fourteen calves sell with dams, making sixty-one head of cattle in the sale, with but forty-seven catalog lots; in fact, practically everything that is of sufficient age have calves at foot or are bred to calve at early date. While the offering of Scotch cattle is not large, the north country Short-horns are, however, represented not only through the two Scotch herd bulls, but Lot 2 of the sale catalog is a splendid imported cow called Louise 2d. She is a massive red cow, four years old, and belongs to Mr. Cruickshank's Jessie or Jealousy Pride. Imp. Louise 2d is one of those very useful, breezy looking matrons that will appeal to any lover of Short-horns at first glance as being a profitable investment. She has a bull calf, red, that is the making of a show calf if properly developed. He now gives every promise of being a most excellent prospect. Another good Scotch cow will be found in Lot 3 of the catalog, Royal Lassie. She is a red cow of Mr. Cruickshank's famous Butterfly family, tracing to Imp. Butterfly 45th and she out of Butterfly 37th by Champion of England. Royal Lassie was sired by Royal Rosewood. Royal Rosewood was a Scotch bull got by Imp. Royal Archer, while her dam Lassie was by Master of this Mint 4th and he by the imported Scotch bull, Master of the Mint. The Cruickshank Butterflies are admitted to be one of the old staple families that assisted in making Sittytown history. The great bull, Cupbearer, was of this famous family. Mr. Halgren has been rearing these Short-horns in a way to develop their milking qualities, and in this herd will be found a goodly number of very heavy milkers, a point of vantage not to be overlooked by any Short-horn breeder who is endeavoring to build up a business herd. It is conceded by our most successful breeders that in their experience their best breeding cows have been their heaviest milkers. Only a few years ago when Professor Curtis was visiting the Hon. Wm. Duthie, at Collynie, Scotland, he asked that sage of Collynie what type of cows were his best breeders. The quick response came forth, "A' maun, the heaviest milkers, sure." Many of the cows at the Halgren farm have been milked by hand and the quantity and quality of the flow is readily known to the proprietor. At the present time, with land selling at \$100 and upward per acre, it behooves every farmer who keeps a cow at all to keep a good one. The mediocre sort scarcely ever paid their way when land was worth \$50 per acre, and with our farms at present prices, only the best "double deckers" can be made profitable. There will be thirteen good bulls listed in this sale, including the two Scotch bulls previously referred to, and among this number are several farmers' bulls that will likely sell at a price that any farmer can well afford to own them. For the sake of those who may be tenacious for color, we will state that practically the entire offering are deep reds. While this may not add anything of importance to the lover of good cattle who is not tenacious for color, it will insure to those who are looking for reds alone that they can find them at this sale. Mr. Halgren has made ample arrangement for the free conveyance of all his visitors from a distance from Newhall, Iowa, which is south of his farm on the C. M. & St. P. road, as well as from the town of Vinton. Vinton is only some thirty miles from Cedar Rapids and very easy of access from every direction. Mr. Halgren will be pleased to send one of his catalogs to every Homestead reader who makes application for the same. They are from the press of Mr. F. P. Healy, of Bedford, Iowa, who perhaps prints more sale catalogs of the Short-horn breed than any other concern in the middle West. The date should be kept prominently in mind, Wednesday, June 19th.

## ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 4288 heads the herd. The following families are represented: Prides, Blackbreds, Ericks, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Jam and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PLEASANT GROVE HERD OF ABERDEEN ANGUS CATTLE

175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aberlony 41261 Lowlander 21880, Newton Hero 46150 and Nugget of Cottage Grove 20th 68871. We can ship P. O. D. on the following roads: C. R. I. & P.; C. N. W.; C. M. St. P.; I. C.; C. & G. W. Address: DUNNING, JOHNSON & ALLEN GREEN, IOWA

## PARADISE STOCK FARM OFFERS

PRIDE'S ALBION 5th 53114, their double Prides herd bull, cash, or will exchange as we have so many of his get we can not use him longer. He breeds good, fine disposition, weighs 2,200. Also other bulls priced low for the quality. Berkshire swine fashionably bred. Booking orders for fall. Write for catalog to W. F. ECKLES, GREEN CITY, MO.

## High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird, besides several younger ones. These are herd headers. Address, W. H. JONES, QUMBY, IA.

## 7 YEARLING ABERDEEN ANGUS BULLS FOR SALE

FROM Willow Grove Farm, one mile southeast of Fayette, Ia. The above bulls are the best that I have ever bred. They are all out of heavy milking dams and sired by the Queen Mother bull, Major Midnight 77269. These bulls are priced at farmers' prices, and there is show yard material among them. Mention Homestead when writing. E. C. FUSSELL, Owner, FAYETTE, IA.

## JERSEY CATTLE.

## JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of imported and St. Lambert Cows. Also 25 females, cows or heifers. HUNTER & SMITH, BEATRICE, NEB.

## LARGE YORKSHIRE HOGS.

## LARGE YORKSHIRES, the Bacon Hog. BREEDING STOCK FOR SALE AT ALL TIMES.

Pairs and trios, not akin. My Foundation herd was selected in Canada of the best breeders by me personally. There is no breed of hogs in existence to-day that makes better mothers and can raise more pigs in a litter. Try this breed if you want to make money. Write for prices. F. RABELER, LEIGH, NEBRASKA.

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

BULLS all sold large enough for service. Oct. 30 we will sell forty heifers and fifteen bulls, as good a lot of Polled Durhams as ever went through a sale ring. Forty head of them sired by Marshal of Orange, one of the good polled bulls. James Wilson & Sons, Avoca, Iowa.

## HEREFORD CATTLE.

## BEAU DONALD HEREFORDS

Write your wants. Picture of herd bull for the asking.

One-half mile from town on the main line of Chicago & North-Western Railroad.

John Secor, - Mechanicsville, Iowa

## TWENTY-FIVE - TWENTY-FIVE

Beau Donald Bulls Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cadillac, Archibald and Heslow cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once. A. SPOONER, MONDAMIN, IA.

## YOUNG HEREFORD BULLS FOR SALE

RANGING in age from 6 to 20 months, all bred in the best blood of Anxiety 4th, and out of daughters and granddaughters of Beau Brummel, Dale 3d and other noted bulls. We will also sell a few choice heifers, bred to St. Elmo of Shadland 17th, weight 2,260 pounds. Write or come and see us. Address: HOOD & BAKER, DUNLAP, IOWA.

KATER & SMITH, ST. ELMO 13th 72074, KEEP ON 23d 125151 AND TROT ON 181064 HEAD HERD. Grant City, Mo. 20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr. A finer string of range bulls cannot be found. Some herd bull material will be found among these. Come and see them as they are right every way. Visitors met at Grant City on C., B. & Q., or Sheridan on C. & G. W.

## BREEDERS OF HEREFORDS

## Table Backed Herefords

THIRTY-THREE bulls from 12 to 28 months old. Five of them are herd headers. Prices about half what you would have to pay for the same individuality and breeding from others. Try me. W. W. Wheeler, Box 11, Harlan, Ia.

## MAPLE LAWN HEREFORDS

FOR sale, (Imp.) Islam 145738, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals. A. F. HAGER, AVOCA, IOWA.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5; Carl H. Van Evert, Rt. No. 1, or Gus C. Seaman, Rt. No. 5, all of Davenport, Ia. Telephone W. H. Seaman, 1935 M. 1.

When writing to advertisers please mention this paper.

## RED POLLED CATTLE.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once. OTHO BOYD, Virginia, Neb.

Joseph Kestel, John Schrothberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrothberger, New Lenox, Ill., or Gardner, Ill.

QUADY Jane herd of Red Polled cattle. (Choice stock for sale at moderate prices. Come see or address, G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. I. & P. Railways.



## CHESTER WHITE HOGS.

## BLUFF ROAD CHESTER WHITES

I AM offering for sale at reasonable prices The Winner 13765, an Illinois State Fair winner, and Perfection 16419, two of my herd boars. 15 fall and winter boars at prices that will move them. Am booking orders for spring pigs from prize winning ancestry. Write for particulars.

D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.

## MAPLE GROVE CHESTER WHITES.

125 Pigs of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Meddler, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.

ERNEST L. MEAR, NEPONSET, ILLINOIS.

## MODELER 13235

THE SENSATIONAL RECORD BREAKER OF 1906 AT HEAD OF HERD.

FOR SALE. TEN choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. and Sept. farrow. Ten extra good fall boars, litter mates to above gilts, guaranteed as represented. Illustrated catalog free. W. F. HEMMERLING, DIKE, GRINDY CO., IOWA.

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PEDIGREE live stock, Duroc Jersey and Poland China a specialty. Fifteen years a breeder and salesman. Write me before claiming dates.

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C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

F. H. JACKSON, Rutland, Ill. LIVE STOCK AUCTIONEER.

PEDIGREE stock sales a specialty. Satisfaction guaranteed. Terms reasonable. Write for dates.

C. E. LUTHER, GRAND JUNCTION, IOWA. LIVE STOCK AUCTIONEER. Sales in six states. Terms reasonable.

Geo. P. Bellows AUCTIONEER. Pedigreed Live Stock. MARYVILLE, MO.

R. W. BARCLAY Livestock Auctioneer, Mason City, Iowa.

A. V. LOCK, REMINGTON, INDIANA Live Stock Artist. Work satisfactory. Prices reasonable.

## 100 CHESTER WHITE March Pigs and More Coming

Sired by such noted boars as Pioneer, Neponset Henry, Top Notcher, Perfection Model, I Will Win and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

E. L. NAGLE & SON. Deep River, Iowa

James Fisher, Eastman, Wisconsin.



BREDED and shipped of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish.

J. J. LEHR Ransom, Ill., is offering 8 Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. It. eggs, \$1.50 per 15. Mention Homestead.

HOME OF THE BIG WHITE HOG. 85 SPRING pigs on hand to supply the season's trade. I am booking orders for spring pigs sired by Teddy R., 1st prize hog in class at Nebraska State Fair. I breed for size and quality. Write me your wants and mention The Homestead.

F. C. Tatro, Geneva, Nebraska.

CHESTER WHITES 100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 18 Aug. and Sept. gilts; very growthy and to farrow in August. Prices reasonable. MAPLEDAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now looking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

IMPROVED CHESTER WHITE SWINE. AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 1523, a grandson of Luvette King 1257, heads the herd. Address, John H. Kreibich, Donnellson, Iowa

CAMERON HERD O. I. C'S. HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L. 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock.

W. B. Porter, Cameron, Mo.

CHOICE YOUNG STOCK O. I. C. Swine. Both sexes. Good shipping facilities. Write your wants. Visitors always welcome at Pleasant View Stock Farm. One mile out. H. C. Mehling, Hanson, Iowa

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

POLLED DURHAM CATTLE.

DOUBLE STANDARD Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X 1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER, Kalona and Wellman, Iowa.

ONE DOUBLE STANDARD POLLED DURHAM BULL, TWO YEARS OLD, FOR SALE.

THIS bull is red with little white, a splendid server, and is big hulking. Have used him some but he is too closely related to our cows. Address, Black Stevens & Son, Iowa City, Iowa.

POLAND CHINA HOGS.

POLAND CHINA FALL BOARS FOR SALE I HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd leaders. I will also offer my herd boar Neb. E. L., he by Perfection E. L. He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead.

E. F. Jackson, Raymond, Neb.

HORNUNG'S BIG BONED POLAND CHINAS I HAVE 75 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd leaders. I will book your order for a good one at once if you want your pick. Nothing but the very best will be shipped. Write me and mention The Homestead.

ERNEST HORNUNG, RAYMOND, NEB.

ELERBECK'S POLAND CHINAS HERD headed by Logan B., a hog of great size and bone. I breed for size and quality combined. 75 good pigs on hand to supply the season's trade. Get your order in early. When writing please mention this paper. J. T. Elerbeck, Beatrice, Neb.

## POLAND CHINA HOGS.

## MEDDLER FALL BOARS AT BARGAIN PRICES

OUT of Chief Perfection 21, Perfect Darkness, Ohio Perfection and Impudence Dams. MUST BE SOLD to make room for show herd and spring pigs now on hand.

H. J. HEMMERLING, DIKE, GRINDY CO., IOWA

Mention The Homestead.

## TWO YEARLING MEDDLER BOARS

FOR SALE. Sired by the great sweepstakes wonder Meddler 99999. Also one by Perfection I Know 33192, and a few fall boars sired by our Dingle's Wonder 42364 and Happy Medium 31334. Also booking orders for spring pigs sired by our great herd boar L. & W. Perfection and Independence 34, Dingle's Wonder and Perfection L. & W. Address, W. M. RAY & SON, DEFIANCE, IOWA.

## BEATRICE HERD OF POLAND CHINAS

HERD headed by Norway Chief by Johnson's Chief. I have a number of good fall boars that are prospective herd leaders. Will price them worth the money if taken at once. Write me and mention this paper.

CHAS. LEWIS, BEATRICE, NEB.

## 10 SPLENDID FALL POLAND CHINA BOARS FOR SALE

I AM offering 10 of the tops, the best I have ever raised. These are big boned fellows, are sired by Red Oak Sunshine 104637, and are out of my best sows. I am also offering 10 fall sows for sale, bred to my noted boar P. W. Giant. I am offering the choice of these boars for \$30 and \$40. Address F. W. McIntyre, Red Oak, Iowa.

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## 10 GOOD FALL BOARS

I WILL price these Poland China boars at very reasonable prices for the next 30 days. Extra large, heavy bone and as well bred as anyone needs. Am pricing spring pigs. Address, GEO. E. PATCH, Blundisville, Illinois.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## POLAND CHINA BOARS.

CHOICE ones of 75 to 200 lbs., of the broad-backed, deep-bodied and heavy quartered type, royally bred and at farmers' prices. Address, J. L. SLICK, LANARK, ILL. Twenty years a breeder.

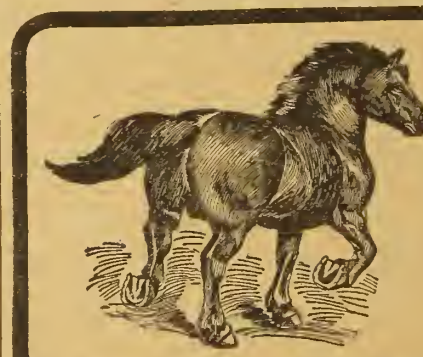
## BIG-BONED PROLIFIC POLAND CHINAS

I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me book your order for a good pig.

H. L. McKelvie, Fairfield, Neb.

STANDARD HERD OF Poland Chinas. I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dingle's Wonder, he by the great Nemo L. & W. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

## HORSES.



## PINE RIDGE STOCK FARM

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of

Percheron and French Draft Horses.

The first chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVENNER P. 35719 and P. D. 12810 now at head of the stud. Prices below competition.

Born at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.



SAFETY IMPREGNATING OUTFIT

Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every horse breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular.

I. O. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

LEFEBURE'S BELGIANS

BELGIAN STALLIONS and mares, imported and American bred, on hand and for sale at all seasons of the year. Henry Lefebure is now in Belgium making his selections for a choice importation to arrive about July 1st. Catalog free.

Henry Lefebure, Fairfax, Ia.

8 miles west of Cedar Rapids.

TO EXCHANGE FOR LAND

ONE Imp. German Coach stallion 7 years old and sound. Also one Percheron stallion 5 years old and sound, weighing over a ton, for a good piece of land in eastern N. or S. Dakota. These horses are absolutely all right and sure breeders. Address Harry Tucker, Zollner Bldg., room 5, Box 803, Mason City, Ia.

PERCHERONS FOR SALE.

IMPORTED and home bred stallions and mares one to seven years old; several match teams of mares. All stock registered in Percheron Society of America record. New importation arrived Oct. 10. Maasdam & Wheeler, Fairfield, Iowa

FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion; will weigh 1,800 lbs., a worker and sound, coming five years old. Buy from the breeder, not the dealer.

BERT FRY, PLAINFIELD, IOWA

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$300. Hart Bros., Osceola, Iowa.

I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans preferred. Address: E. B. Thompson, Cumberland, Ia.

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Hilbo, Creston, Ia., successor to Bilbo & Wilson, also Bilbo & Van Patten.

## Draft Mares For Sale

THE IOWA STATE COLLEGE is offering for sale three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address:

DIVISION OF AGRICULTURE,

Iowa State College - AMES, IOWA

## Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., Iron Gray, one of the best horses in the west; four years old, measurements: girth, 7 ft., 11 inches; 17 1/2 hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address,

J. S. GOLDER, SCRIBNER, NEB.

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of these high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champlin Bros., Clinton, Iowa

## TWO PERCHERON STALLIONS

BLACK U. S. 47895 (black) and Billy U. S. 47894, each three years old. Good ones with good and plenty of bone and are broken to harness.

J. L. SLICK, LANARK, ILL.

PERCHERON STALLION COLT FOR SALE

I HAVE a fine yearling stallion colt that I will price at a very reasonable figure. He is by the great prize-winning stallion (Cusho 27830; his dam was Marvella 19377, an 1,500-lb. mare. Write me for prices or come and see this great colt.

E. C. Gwinner, Holdrege, Neb.

## PERCHERON STALLIONS FOR SALE

IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

G. C. HARRISON, Blencoe, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses \$1,000; home bred stallions, \$250 to \$300; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CRESTON, IOWA.



**GALLOWAY CATTLE.**  
**WE HAVE**  
**5 Young Galloway Bulls**  
**EXTRA GOOD, RECORDED.**  
Will price cheap for quick sale.  
Also eggs from exhibition Barred Rocks,  
cockerel or pullet mating, \$2.00 per 15.  
W. W. SCHOLES, - ONAWA, IOWA

**DUROC JERSEY HOGS.**  
**W. L. A.'s CHOICE GOODS**  
**Heads Iowa Banner Herd of Durocs**  
He carries the blood of the greatest boars known  
to the breed and is pronounced one of the real-  
ly great breeding boars in all "Duroc-dom."  
**DANDY ORION 33879**  
An Orion-Long John boar assists him in the herd.  
Four fall boars and the finest string of spring stuff  
ever produced by us now on hand. Write or come  
and see the herd.  
W. L. A. ADDY & SON, PARNELL, MO.

**Crimson Wonder Again 40785**

**CHAMPION** Ia. State Fair 1906 heads Mulberry  
Grove herd of Durocs. He is assisted by Top  
Notcher again, champion of two State Fairs 1903,  
also sire of World's Fair Jr. champion, Top Notcher  
Chief. Fall boars by these noted sires for sale.  
Address,  
H. S. ALLEN, - - - RUSSELL, IA  
On main line C. B. & Q. R. R.

**PIONEER HERD DUROCS.**  
WE have several good Boars sired by Royal Top  
Notcher 23639, Sure Winner and Echo King  
18415. If you want the tops come to us, we have the  
best. Correspondence promptly attended to. Address  
Arch Brown & Sons, Waterloo, Nebraska.

**CLAREMONT**  
HOME of S. E. Model VIII and IX, Claremont  
Model, Proud Model and Proud Advancer. 250  
pigs of spring crop. 7 fall boars for sale. Orders  
booked for future delivery. Address:  
Weighton & Ashby, - Audubon, Iowa

**Three Ohio Chief Boars**  
for sale. Two fall boars and one yearling. Write  
me at once.  
C. F. KIRK, Ponca, Nebraska.

**RUSSELL'S DUROC - JERSEYS**  
GLENDALIE CRITIC, the greatest son of Crim-  
son Wonder, at head of herd. Booking orders  
for fall delivery. 125 pigs to pick from. Address,  
E. Z. RUSSELL, - BLAIR, NEB.

**Good Yearling Boar for Sale**  
E. K. Young & Son, Havelock, Neb.,  
offer a good yearling boar for sale at a very low  
figure. He is richly bred and deserves a place  
in some good herd. Write them and mention The  
Homestead.

**LAMB'S DUROC JERSEYS.**  
HERD headed by Purple Quality, a son of Crim-  
son Wonder I Am, dam Orion Belle. I have a  
full brother to him for sale. A fine bunch of spring  
pigs on hand by the most prominent sires. Litters  
by Hanley, Ambition, Buddy L. by Buddy K. 4th.  
Book your order early. Elmer Lamb, Tecumseh, Neb.

**Village Stock Farm, Carlinville, Ill.**  
HAS a few October boars. Will also take orders  
for spring pigs. Write your wants.  
Comer & Gilliland, - Carlinville, Ill.

**SUTTON HERD OF DUROC JERSEYS**  
HERD headed by Brooklyn Boy by Keep On. I  
have 100 good pigs on hand and will book your  
order for one at any time. Write me and mention  
The Homestead.  
CHAS. VAN PATTEN, - - SUTTON, NEB.

**Smith Brown's Duroc Jerseys**  
THIS home of the winners, 125 pigs by Echo King,  
Red Chief I Am, dam Crimson Wonder 2d, Waterloo,  
Prince and other well known boars. I have the pigs  
this year; if you want a good one write me. Address,  
SMITH BROWN - Waterloo, Neb.

**GOLDEN QUEEN DUROCS**  
HERD headed by Crimson Jim, a grandson of the  
great Crimson Wonder, assisted by Lincoln Top  
by Morrison's Belle Top. I will offer a few good  
gilts bred to Lincoln Top that are right in every re-  
spect. Write me and I will tell you all about them.  
W. M. PUTMAN, - TECUMSEH, NEB.

**NORTH BLUE DUROC JERSEYS**  
MY herd is headed by Echo Wilkes, the \$305 mule  
pig, 120 pigs on hand, mostly of early farrow.  
I can supply your wants, be they large or small.  
Write me your wants and mention The Homestead.  
Chas. Liebharc, - Marquette, Neb.

**185 Duroc Pigs—Feb. and Mar. farrow ready to**  
ship. A limited number \$20 and \$25 per pair.  
Males not akin by Jack Orion 52275 and Ind. Chief  
52273. Send orders. I guarantee satisfaction. J.  
W. Briggs, Alden, Iowa.

**CARL HANSEN, HERMAN, NEB.**  
FOUR fall boars for sale at \$20 each if taken  
soon; sired by prize winners or sons of prize win-  
ners.

**WOLF CREEK HERD OF DUROC JERSEYS.**  
Plenty good, strong pigs at  
prices well worth the money. Breeding unexcelled.  
Write to  
T. L. Livingston, Burchard, Neb.

**DAYNE'S Duroc Jerseys.** I have 2 extra good fall  
boars; will price at a very reasonable figure if taken  
at once. Are bred right and good individuals. Write for  
prices and description. John O. Bayne, Aurora, Neb.

**TOP CHIEF 52177**  
HEADS my herd, assisted by Perfection Again  
52179. I am offering a good yearling boar for  
sale. Address S. L. Hopper, Neola, Iowa.

**CHOICE, YOUNG DUROC JERSEY HOGS**  
OF BOTH SEXES at reasonable prices. Address  
W. J. S. Taylor, Humeston, Iowa.

**L. H. ROBERTS & SON, PATON, IOWA.**  
CHOICE Duroc Jerseys. Boars and sows all sold.  
C visitors welcome at all times.

**MIDLAND Duroc stock** all sold but when in  
need of breeding stock write me at Mason City,  
Iowa. S. J. Butts.

**DUROC JERSEY HOGS.**  
**OAKDALE STOCK FARM**  
A. E. MARTZ, PROP.,  
LIBERTY, - - - NEBRASKA.  
**DUROC JERSEY SWINE**  
100 GROWTHY SPRING PIGS ON HAND 100  
THESE pigs are mostly from Junior Jim 30437 sows and  
sired by Billie M. 40343 by the prize winner Billie K. 20373,  
others by Martz's Top Notcher 54987 by the world's cham-  
pion Tip Top Notcher, Pigs shipped on approval. Write me  
for prices for Sept. delivery. Get your order in early.  
First in first served.

**PENNYRILE HERD OF DUROCS.**  
HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th,  
and Commodore 3d. Orders now booked for spring pigs. All others sold. Address,  
AMOS W. HARRIS & SONS, - - - WEAVERLY, KY.

**GOLDEN HERD DUROC JERSEYS.**  
HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first  
prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State  
Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred  
to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number  
of sows at above prices. The best is none too good.  
L. E. Thomas, Golden, Illinois. R. E. Hogsett, La Prairie, Illinois.

**AMERICA'S GREATEST DUROC HERD**  
Owned By S. E. MORTON & CO., CAMDEN, OHIO.  
WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels,  
the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead  
when writing.

**DUROCS DUROCS DUROCS**  
OWNED by W. H. Halth, Vesta, Neb. Herd headed by Ed's Improver 43637, one of the greatest living  
sons of Improver II 13365. 125 good pigs on hand from most fashionable strains. Am booking orders  
for spring pigs. Write me for prices. Inspection invited. Mention Homestead when writing.

**WE WON 79 RIBBONS**  
OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lex-  
ington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come  
WATT & FOUST - CEDARVILLE and XENIA OHIO

**WALNUT GROVE HERD DUROC JERSEYS**  
HOME of the \$1,575 Rose Bud Lady with her litter by Medoc, a son of the \$6,000 Kant Be Beat. The \$600  
Garnett with her litter by Improver II. Many others of choicest breeding and individuality. Look  
me up at the Nebraska State Fair. Nothing priced at present.  
H. G. WARREN, - - - INLAND, NEB.

**8 High Class Ohio Chief Boars For Sale**  
I WILL sell my great yearling boar, Wonder's Ohio Chief, a son of Ohio Chief and out of Wonder's  
Queen, a daughter of the great brood sow, Beatrice Queen. Here is a great herd boar for somebody. I  
also have seven good fall Ohio Chief boars for sale. If you want an Ohio Chief boar write me at once. Ad-  
dress W. A. Rankin, Carson, Iowa.

**BUDDY K. IV HIGHEST PRICED DUROC BOAR**  
... EVER SOLD AT AUCTION....  
HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100  
each. Write for particulars. September boars by these noted sires for sale at reasonable prices.  
Mc NEIL BROTHERS, - - - BOWEN, ILL.

**TIP TOP NOTCHER 20729 AT HEAD OF HERD**  
GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion  
herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring  
males by this sire and from dams of fashionable breeding. Address,  
FAGAN, BROWNING & McCABE, - - - HERSMAN, ILL.

**THREE SPLENDID FALL BOARS**  
Sired by I Am a Wonder, a son of the sweepstakes boar Crimson Wonder I Am, and out of the  
\$1500 sow Ruberta. Come and see these if you want a herd header. Address,  
F. E. Garrett, - - - Lohrville, Iowa.

**MAUPIN & APPELEGATE,**  
**SHELBY, MO.**  
**GOOD DUROCS**  
Fashionably Bred

**DUROC** THEY are good ones, got by Perfection Chief 23637, and Choice Goods 43367  
a litter brother to W. L. A's Choice Goods. Write me if you want some-  
thing good at a moderate price.  
FALL BOARS GEO. M. McMURRY, - - - MARYVILLE, MO.

**DUROCS 125 HEAD**  
MY HERD carry the blood of Gold Dust Jim;  
Proud Advance; Improver II; 2d Surprise;  
Chief of Chiefs; Teddy R.; Echo King; Royal Top  
Notcher. At farmers' prices.  
F. A. KRUSE, - - - WACO, NEB.

**PANCAKE'S DUROCS**  
HERD headed by Kant's Top Notcher. One of the  
best sons of Kant be beat. 150 spring pigs repre-  
senting most noted blood of the breed. Write for  
prices and descriptions, mentioning Homestead.  
Ernest Pancake, - - - Ransom, Illinois

**Prolific Herd of Duroc Jerseys**  
I AM offering some very promising male and fe-  
male pigs sired by Billy K., Medoc, Forty Kings  
Billy K. Jr., and Frank's Choice by Belle's Echo.  
Can give you good herd headers at prices to suit pur-  
chasers. Address, G. Van Patten, Sutton, Nebraska

**25 Duroc Jersey Bred Gilts 25**  
I HAVE for sale 25 bred gilts for March, April and  
May farrow of best breeding and individuality for  
sale at bargain prices.  
F. M. Erschen, - - - Odell, Ill

**ROSE HILL HERD DUROC JERSEYS**  
TWO fall boars and a few sows for fall farrow. 125  
March and April pigs, sired by Long Alix, Ar-  
lon and Redwood Chief, nearly all from mature  
sows.  
AUSTIN RENSHAW, - - - BLAIR, NEB.

**Duroc Jersey Bred Sows For Sale.**  
I HAVE on hand at present a fine bunch of bred  
gilts which I will price right if taken at once. They  
represent the blood of such noted boars as Top Notcher,  
Echo King, Orion, and other noted boars of this  
breed. Write us at once for prices. Geo. L. Iteed,  
Sumner, Nebraska.

**C. M. Dewey, Shannon City, Ia.**  
FOR SALE—Duroc Jersey boars, summer farrow,  
sired by W. L. A's Choice Goods. Fall boars by  
Proud Advance and Teddy R. Few sows bred to  
Ohio Chief II for summer farrow. Write or visit.

**DUROC JERSEY HOGS.**  
**Red Oak Herd**  
OF recorded Duroc Jersey Swine. We have a few  
of the last of May farrow, good ones. Write,  
phone, or come and see them. Satisfaction guaran-  
teed. We can ship on C. R. I. & P. or Northwestern.  
J. W. TROY & BROS. PROPS.,  
Rosehill, Mahaska Co., Iowa.

**SHORT-HORN CATTLE--DUROC JERSEY HOGS**  
80 CHOICE spring pigs sired by Fairview Won-  
der 44051, Fairview Vol. 25603, out of choice  
sows. My prices always insure a sale. A few  
good Short-Horn bulls for sale.  
JAMES T. DOLLISON, SAC CITY, IOWA.

**PRITCHARD'S DUROCS**  
25 CHOICE BOARS, sired by Frankfort K. 61345,  
first prize boar at Nebraska state fair, also at  
Interstate fair; Welsh Vanderbilt 45657, and Kant  
Be Beat. Write me and mention Iowa Homestead.  
Robt. Pritchard, - - - Carroll, Neb.

**SHORT-HORN CATTLE.**  
**SCOTCH BULLS**  
**FOR SALE**

I AM offering two splendid young Victoria bulls  
for sale sired by Golden Champion 138590,  
also an Acanthus and a Miss Ramsden. I have a  
few good Scotch topped bulls that I am pricing  
right. Write or come and see me.

**E. FUNKE, GREENFIELD, IOWA.**

**Scotch and Scotch-Topped**  
**HEIFERS FOR SALE**

AT very reasonable prices to move them at once.  
These heifers are from best cows in herd. Imp.  
Roun Archer heads herd. Write for private cata-  
log.

**W. H. SCHAFER,**  
**KEENSBURG, - ILL.**

**BULL BARGAINS**

**From The Jones County Herd of**  
**SHORT-HORNS.**  
10 CHOICE yearling bulls for sale at bargain pri-  
ces. These bulls are by Sittytown Sort 173849.  
They must be sold to make room for our sale cattle  
to be sold at auction Oct. 2d. Our herd bulls Sittytown  
Sort and Wampum of Wayside 243046 are conceded  
to be among the best Scotch bulls in the state.  
G. P. Tyrrell & Son, Oxford Junction, Iowa.

**CRUICKSHANK**  
**Bulls and Heifers For Sale**  
WE have on hand a few choice herd heading  
Scotch Short-horn Bulls, of the low down  
beefy type, and a fine bunch of 20 head of yearling  
and two year-old heifers of best Scotch tribes, mostly  
reds and all bred.

**I. BARR & SON,**  
Davenport, - - - Iowa.

**HUGHESDALE**  
**REAL DUAL SHORT-HORNS**

HOME of Iowena 2d, champion dual purpose cow  
at St. Louis World's Fair and other equally  
heavy milkers. Her yearling son and other bulls  
for sale. Viscount of Anoka, champion show and  
breeding bull of America for 3 years heads herd.  
Write me. H. J. Hughes, - Trenton, Mo.

**FAIRVIEW STOCK FARM.**  
Short-Horn Cattle, Poland China Hogs  
AND

**BARRED PLYMOUTH ROCK CHICKENS.**  
Good Individuals a Specialty.  
Eggs from our excellent stock for sale at  
right prices. Hog sale in the fall.  
Address C. E. McCOLLOUGH, HUMESTON, IA.

**WILDWOOD SHORT-HORNS**  
ALL REDS AND DEHORNED.

15 SMOOTH, low down, thick-meated Scotch and  
Scotch-topped bulls from 10 to 20 months old,  
and females of all ages for sale at reasonable prices.  
Write,  
W. W. VAUGHN, - - - Marion, Iowa

**Walnut Grove Short-horns & Poland Chinas**  
CLEAR The Way 23482, winner 1st in 2-year-old class  
and 1st as Ia. Champ. Ia. State fair, '06 head of herd.  
Herd boars Defender 98447, by Corrector 63379, one  
of the greatest sires known to the breed, and Billy  
Sunday 33621, a very large boned hog of equal merit.  
Young stock for sale. J. T. Judge, Carroll, Iowa.

**G. H. George, Monticello, Ind.** breeder of Scotch  
Short horn cattle and Standard Bred trotting  
horses. The Scotch herd and show bull Kingmaster  
is for sale. Also 4 younger bulls, fit to head any  
herd. Scotch Consil 18123 heads my herd. Five  
daughters of Imp. Red Knight, 5 Victorias, 2 Imp.  
cows and other Scotch and Cruickshank families.

**4 SCOTCH BULLS**  
Three straight Cruickshank.  
These are bred in the purple and are good  
enough to head any herd. Come and see them.  
C. W. DAWES & SON, - - - Harlan, Iowa

**PLAIN VIEW STOCK FARM.**  
SHORT-HORN CATTLE AND DUROC JERSEY  
HOGS. Twelve Red Short-horn bulls for sale.  
Geo. A. Hais, proprietor, Newton, Iowa. Farm two  
and one-half miles north-east of town. Phone  
connection.

**SCOTCH SHORT-HORNS.** For sale, four good  
Scotch bulls. Jordan & Dunn, Central City, Ia.  
Maine Valley Stock Farm.



# ADMINISTRATOR'S SALE OF THE GREAT .....ABERDEEN ANGUS HERD.....

The property of the estate of the late Hon. L. H. Herrick

\*\*\*\*\*  
**ON THE  
FARM  
BLOOMINGTON,  
ILLINOIS.**  
\*\*\*\*\*



\*\*\*\*\*  
**Tuesday,  
Wednesday,  
Thursday,  
June 25-26-27**  
\*\*\*\*\*

Following the instructions Mr. C. A. Ewing, administrator of the above estate, this entire famous herd numbering 253 head besides calves at foot will be auctioned. Thirty-seven bulls and 216 cows and heifers are cataloged, constituting the largest dispersion sale that has occurred in the history of the breed. They represent the blood with which Mr. Kerrick succeeded in producing more champion market topping steers than any other man and the blood which has given him the honor of having done more for American breeding interests than any man engaged in the business. The offering includes the great \$5,000 stock bull Imp. Lord Fretful, and numerous of his get and thirty other representatives of the same family; the Trojan-Erica bull Eric 9th of Keillor Park; the double Blackbird bull Black Boy of the Wells; the Blackbird topped Pride bull, Afton Jam; and other high class herd headers. It is a great list of females cataloged including members of the Blackbird, Erica, Pride, Lady Fanny, Queen Mother, Heather Bloom, Antelope, Mina, Pearl, Maid of Orleans and other noted strains all of which have produced animals of the excellent type for which the herd is famed. Purchasers to the amount of \$300 will have railroad fare refunded. The sale will be held on the farm some twelve miles south of Bloomington, and the catalog, which contains full information concerning how to reach the farm and interesting details concerning the herd and the auction, will be mailed on application to

**W. C. McGAVOCK, SALE MANAGER, - - - SPRINGFIELD, ILLINOIS.**

27 High-grade heifers will also be auctioned some time during the three days of the sale.

## SHORT-HORN CATTLE.

### CRUICKSHANK ....Herd Bulls....

FIVE Top Notchers, four reds and one dark roan, one Lavender, one Victoria, one Dorothy, one Mary Anne and one Spleenwort or Secret. These bulls will compare favorably with the best. If you have any doubt, say, just come and we will take pleasure in showing you. We are from Missouri.

**ISAAC A. NOVINGER & SONS,**  
Kirksville, Adair Co., Missouri.

### SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,  
Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, bred by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

### NORTON'S Cruickshank Herd Headers

I HAVE two excellent Duches of Gloster bulls, a very choice Hampton Rose, a Rosemary and several others, bred by Imp. Bapton Admiral and Bunker's Victor. I also have some Secrets, Lavenders and Charity tribes. Come and see me.

**C. C. NORTON,** - - - CORNING, IA.

### Lawndale Short-horns

SCOTCH and Scotch topped, the best families represented. Imp. Augustus 51st, Victoria, Emma, Orange Blossoms and Alexandrins, Young Marys. Scotch topped bulls for sale, all sold. Some extra 1,000 pounds at year old, bred by the good Scotch bull, Victor Royal 218553. Will be sold right to make room for the young calves. Address

**George A. Bonewell,** - - - Grinnell, Iowa

### Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Must and Hopeful Knight. Bulls for sale at all times.

**G. H. BURGE, - MT. VERNON, IOWA.**

FAIRVIEW SHORT-HORNS  
I HAVE for sale one three-year-old Cruickshank and one yearling Cruickshank topped by my great bull, Windfield Royal. These are beautiful red bulls well enough bred to head any herd. Also a few Scotch topped cows and heifers for sale.

**D. Yard,** - - - Crawfordville, Iowa

## SHORT-HORN CATTLE.

### ARDMORE SHORT-HORNS

#### VICTORIA'S PRIDE.

Red; calved September 9, 1905.

Dams.

Sires.

Breeders.

Got by Imp. Scottish Pride 128543....Wm. Duthie  
Victoria of Meadow Lawn 3d.....Victor Baron 127266....C. B. Dustin & Sons  
Victoria Veech .....Favorite 56041.....Wm. Duthie  
Imp. Victoria 73d .....Roan Gauntlet (35284)....A. Cruickshank  
Victoria 58th .....Pride of the Isles (35072)....A. Cruickshank  
Victoria 43d .....Champion of England (17526)....A. Cruickshank  
Victoria 36th .....Baronet (15614).....A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We have others, Scotch and Scotch-topped, and want to hear from buyers. Prices reasonable for quality.

**ARDMORE STOCK CO., - HOLSTEIN, IOWA**

### 9 Cruickshank Short-horn Bulls

For Sale

**S. H. THOMPSON'S SONS,**  
IOWA CITY, IOWA.

### ALL RED SHORT-HORN BULLS FOR SALE

GOT by Imp. Cypress 2d 191756, a 2,400 pound bull got by Cypress by Wm. of Orange.

**J. W. McDermott,**  
Kahoka, - - - Missouri.  
P. S. These bulls must go at once.

### A SPLENDID LOT OF SHORT-HORN BULLS

FOR SALE—Large, heavy-boned fellows, ranging in age from 13 months up. Sired by such bulls as Cumberlaud's Hero and Merry Marshal. Can sell one or can fill out a load. Address.

**A. B. CLARK,** - - - WAYNE, NEB.

### CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, bred by Scottish Baron. Address, **J. H. MOYER,** - - - Newton, Iowa

### TWO GOOD SHORT-HORN BULLS

FOR SALE at the Pike timber stock farm. Both red Scotch topped young Marys, one a yearling, the other nearly two years old.

**T. A. DAVENPORT,** - - - BELMOND, IA.

When writing please mention this paper.

We offer for sale until sold nine Cruickshank red bulls from 13 to 24 months old, two Victorias, one Miss Ramsden, one Princess Royal, one Mysle, one Violet, one Lavender and two Beauties. One of the Beauties is a bull that we have been using at the head of the herd. These are all very low, thick, heavy-quartered bulls. A number of herd headers among them. Their breeding cannot be excelled, and our prices are below competition for bulls of this character. Telephone from Iowa City to the farm. Mention The Homestead when writing.

### COWS AND HEIFERS

BRED TO  
FAIR GOODS 253391.

A SON of the Champion Choice Goods and out of the great Roberta. I am pricing the bulls to farmers and range men at such prices as will move them. All are good, strong, useful fellows, ready for service. The cows and heifers are rich in the blood of Grand Victor, Imp. Nonpareil Victor and Imp. Cypress. Bred to Fair Goods; they will prove great bargains. Write me or come and see the stock.

### WILLIAM REED PLEASANTVILLE, IOWA.

BREEDER of Short-horn cattle. 175 head in herd. Wish to sell 50 head quick. Farmer's prices. Come or write.

### Marshal Favorite For Sale

SITTED by Imp. Fashion Favorite 149550, dam Imp. S. Jilted Maid. Will be two years old in December. Red in color and a good young bull. Also a few young bulls for sale. Address, **J. D. McDERMOTT,** - - - WIOTA, IA.

When writing please mention this paper.

## SHORT-HORN CATTLE.

### CATALOG Of Young Bulls For Sale Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

**FLYNN FARM COMPANY,**  
Room 316 Flynn Building,  
Des Moines, - - - Iowa

### SCOTCH BULLS

Got by  
IMP. MUTINEER 172547.

MUTINEER is of Marr's Mistle tribe and was got by Bapton Chief and out of Imp. Mistle, 167th dam of White Hall Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

**A. C. BERRY,** - - - Unionville, Mo.

BEAVER CREEK SHORT-HORNS.  
SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,  
**N. A. LIND,** - - - Rolfe, Iowa

### SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 13 months old. Poland China Hogs. Address,  
**Jas. E. Stephenson,** - - - Alburnett, Iowa  
Otter Creek Stock Farm.

### HERD BULLS.

**3 Scotch Herd Bulls 3**  
AT MALAKA FARM.  
Two Reds, One Roan. Rare Bargains.  
**H. D. PARSONS,** - - - NEWTON or BAXTER, IOWA

### BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. **JESSE BINFORD & SONS,** Albion, Iowa, or Liscomb, Iowa.

### QUEEN MILLS HERD SHORT-HORNS.

HAMPTON'S COUNSELOR 264533.  
ONE of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address,  
**G. H. WHITE,** - - - EMERSON, IOWA

### BACH GROVE STOCK FARM.

**F. M. ZENOR, WOOLSTOCK, IOWA**  
Breeder of Short-Horn Cattle.  
Families represented: Princess Royal, Duchess of Gloster, Mysle, Roan Bess, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804

### SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. **P. S. & S. Barn,** Box 11, R. 4, Davenport, Ia.





VOL. LII. NO. 25.

DES MOINES, IOWA, JUNE 20, 1907.

WHOLE NO. 2605

### PEDIGREE AND INDIVIDUAL MERIT.

Men will never come to an agreement in their practice concerning the relative importance of pedigree and individuality in the raising of pure-bred animals. The reason for this is that all men who handle the same breed of live stock do not aim at the same thing. Some like to follow the fad of using only popular blood lines when new blood is infused into the herd; others emphasize in the main a particular color cast; still others keep shifting their position by infusing into their herds the blood of animals that become popularized in the show ring from year to year, while only a comparatively few aim at the right type of animal irrespective of where the blood comes from within the breed that produces the results sought. If men could unite in their aim, and that aim be to produce the most useful type, it would mean the rapid raising of the standard.

Concerning the relative importance of individuality and pedigree, Mr. S. F. Lockridge, in a paper prepared for the Short-horn Breeders' Association on the subject, "On What Lines Will the Best Short-horns of the Future be Bred," says:

The successful breeder of the future will, in my humble judgment, be a firm believer in the value of pedigree, but he will insist that it be accompanied by unquestionable proof that the characteristics of the ancestors were such as to insure the perpetuation of the good qualities in the offspring. He will not refuse to introduce into the herd sires bred from close affinities, provided they possess in an unqualified degree the qualities already referred to, but he will resolutely reject all that do not measure up to that standard. On the other hand, I believe that the breeder of the future will not be hampered by the fact that the material he selects is not line bred, but that he will unhesitatingly make use of miscellaneous bred animals, always conditioned upon the fact, however, that the converging strains are from the herds of men known and acknowledged to have been distinguished and reputable as breeders in their several ways. And in so doing he will but follow the precedents left him by the greatest breeders of the past. I have used the term "miscellaneous bred" because it is the common way of expressing the mating of animals of different families or strains of blood; but to my mind it is a misnomer, and in its general application has been given too broad an interpretation altogether, conveying the impression of the crossing of distinct breeds, rather than of animals having a common origin and carrying more or less percentage of the same blood, either in the direct or through collateral lines. All our families of Short-horns were of miscellaneous bred origin and after they had been subjected to a course of close breeding long enough to establish a type and become known as a distinct family were reinforced and renewed by the infusion of extraneous or new blood, as I have endeavored to show. Not one of the great families, by whomsoever bred, but was subjected to this treatment to a greater or less degree. The fact that the cross of new blood was made by the hand of the master breeder was all that was necessary to make it acceptable to the votaries of fashion. Yet when the supervising hand and brain were gone, and some disciple of the departed great one, seeing the necessity of reinforcement, goes for a change of blood, although the wisdom of the course is seen in better individuality, better vigor and constitution, he is met at once with the charge of treason, and the market value of the offspring is lowered two-thirds. We have all witnessed to what extent the fashion craze may go, whether in color or blood lines, and we shall not soon forget the wild tempest of speculation that swept over the land a quarter of a century ago, when pedigree on paper, regardless of merit in the animal, ruled the hour; when the great army of breeders resolved themselves into hostile camps, hurling anathemas against each other and trafficking

and conjuring with the magic of a name. Happily for the breed and for the breeders those conditions are passing away, it is to be hoped never to return. The breeders of the present generation are becoming less and less subject to the craze infatuations, and it is morally certain that the man of the future will be altogether independent of them. He will breed for the best results, always keeping in mind the ultimate purpose to be accomplished, namely, the production of beef and milk; and with better material from which to select better conditions, both economic and sanitary, better knowledge of foods and manner of feeding, better prices and quicker sales, there is no reason to fear for the future of the breed we love so well.

It is devoutly to be wished that the prophecy made by Mr. Lockridge will gradually be fulfilled during the days of the present as well as during the times of the rising generation. Of course there will always be much in a name, whether it be the name of a famous animal or the name of a breeder who stands out among his fellows because of his ability to so intermingle blood lines as to fix or tend to fix the desirable characteristics. It is proper that men should follow these leaders, and it will always be the case that the blood of the notable animal will be held at a premium. It seems, however, as though we have been placing a little too much stress upon the possibilities of winning animals reproducing themselves and upon the virtue of even faint traces of popular blood lines in an animal.

Mr. Lockridge enunciates a safe rule to go by when he says that the breeder of the future will not be hampered by the fact that the material he selects is not line-bred; that he will use miscellaneous bred animals, but that he will see to it that the converging strains are from the herds of reputable breeders. The results of line breeding, when intelligently practiced, are altogether too cer-

tain to justify discarding the practice, but in keeping up the constitutional powers of the individual, out-crosses must be made, and if these are violent so far as blood lines are concerned they should be as close as possible in the matter of conformation and constitutional powers.

### COST OF FILLING THE SILO.

We believe there is more interest being taken in the silo question today than ever before in the past. This is no doubt due to the fact that the experimental stations, as well as successful farmers who have used the silos properly, pronounce them a success as a means of keeping fodder in the best possible condition for winter feeding.

The department of agriculture at Washington has recently made a study of the cost of filling the silo, and the result of that study is contained in Farmer's Bulletin No. 292. The department found that under average conditions it required from six to ten men to do the work satisfactorily and from two to four teams, depending on the distance to haul. Labor was reckoned at 15 cents an hour and labor for two horses placed on the same basis. Engine hire, including the engineer, was placed at \$4.50 per day; twine cost eleven and one-half cents a pound; coal \$5 a ton and gasoline thirteen cents a gallon. The charge for an engine, engineer, silage cutter and one man to feed was placed at \$10 and ten hours was considered a day's work.

On thirty-one farms where methods were examined and the cost of everything inquired into, the cost per ton averaged sixty-four cents, the variation running from forty-six to eighty-six cents

per ton. On these farms the average yield of silage per acre was 9.01 tons, so that the average cost per acre for putting the corn into the silo was \$5.94.

The three principal plans of handling the fodder in vogue are described in the bulletin referred to, as follows:

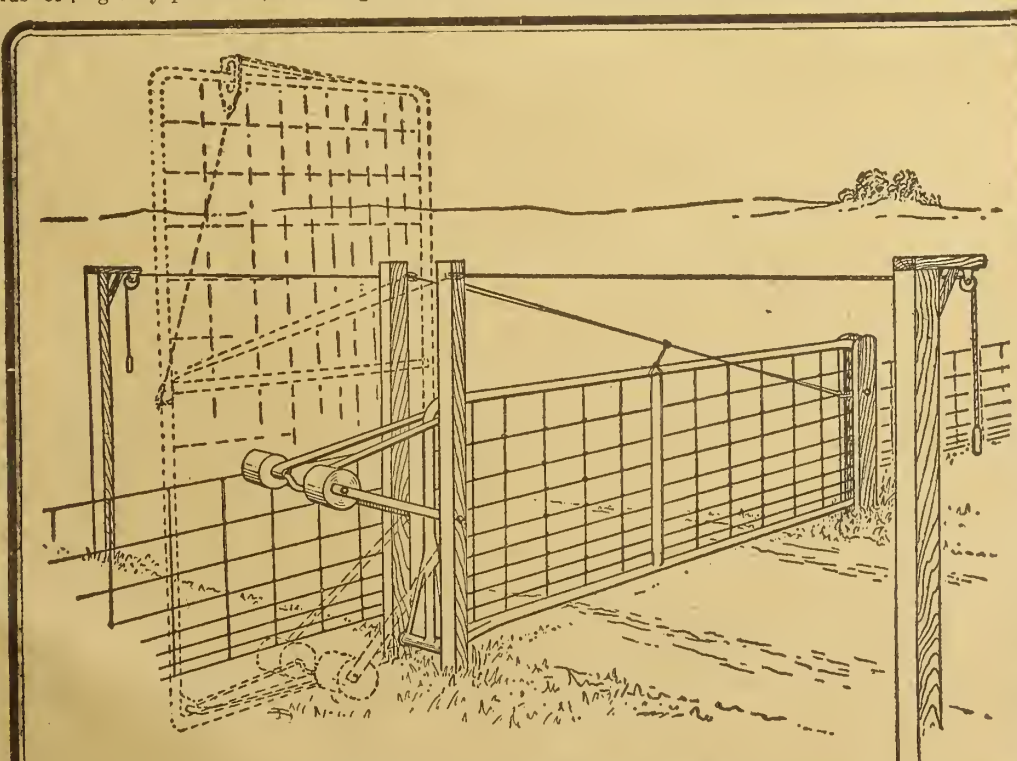
(1) The most common practice was to have one man with three horses on a corn harvester cutting corn in the field; two men to load the wagons in the field; three or four men with teams, depending on the distance from the field to the silo, to haul the corn to the cutter; one man to run the engine when steam was used for power, and, occasionally, when gasoline engines were used, one man to feed the cutter and one man in the silo to spread and tramp the silage. Each teamster pitched off his own load. This makes a crew of eight or nine men, exclusive of the man who tends the engine.

(2) In cases where there is a shortage of teams the following method is generally practiced: One man, with three horses, cuts the corn; two men load the wagons in the field; two men, or boys, with teams, haul the corn to the cutter; one man unloads the wagons; one man feeds and one man works in the silo. As soon as a load arrives at the cutter the teamster changes his team for an empty wagon and goes back to the field after another load. When a wagon is unloaded it is run out of the way by hand. With this method boys who are not strong enough to handle the green corn can be utilized to drive the teams. This method requires a crew of six men and two boys, exclusive of the engine tender.

(3) When enough horses are available and help is scarce, the following arrangement of men and teams is a good one. One man, with three horses, runs the harvester in the field; four men with teams haul the corn to the silo; one man feeds and one spreads the corn in the silo. Low trucks or wagons with racks suspended below the axles should be used, so that the teamsters can put on their own loads. This requires a crew of seven men, besides the engineer.

It was formerly thought necessary to cut corn for ensilage in an immature state, but at the present time the consensus of opinion favors letting the grain mature. This means that the crop must be cut after the grain dents, but before the leaves become perceptibly dry. If, for any reason, cutting is not done until the lower leaves begin to dry, water should be added to the ensilage before it is blown into the silo. In allowing the crop to mature the ensilage will contain less acid and it will also be more nutritious, as the food materials in the corn plant continue to increase until the plant approaches maturity. By cutting too early there is an actual loss of plant food in addition to the fact, as said before, that the ensilage becomes too acid.

Many of our readers have not forgotten the inconvenience that was caused in certain parts of the central West last year by a lack of fuel supply. In some cases it was absolutely impossible for railroads to transport coal. In order to prevent the same situation from arising again, the railroads are advising the storage of coal now while cars are available. We pass along this advice to our readers on the farm, knowing that it is a much safer practice to store a goodly part of the coal supply now than it is to wait until cold weather. Coal is cheaper now than it will be next November. The wagon roads are better now for hauling purposes, and those who put in their supply at the present time will have no reason to regret their action.



THE RICE AUTOMATIC TILT GATE.

The Rice Automatic Tilt gate, of which the above is an illustration, should appeal to every farmer who is looking for an absolutely automatic and practical gate. It is offered by the manufacturers as one of the latest and best improved automatic gates on the market. It was patented in May, 1907, which accounts for this fact. The construction is entirely of steel, and guaranteed throughout. In operation the principle is very simple and the gate can be opened from any vehicle. This same firm manufactures the Nebraska Automatic Swing gate which they sell at a lower price, as advertised on page 13. The cost of either of these gates makes it possible for any farmer to invest in one or several. Those who are interested in better gates and more convenient ones should write today for prices and literature to the Rice Bros. Manufacturing Co., Harvard, Neb.



# THE HOMESTEAD

A Practical Journal for the Farmer, Stockman, Fruit Grower, Poultryman, Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.

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## RULING OF AMERICAN MEAT PACKERS' ASSOCIATION.

The following communication has been recently addressed to live stock shippers signed by the American Meat Packers' Association, of which Michael Ryan is president and Geo. L. McCarthy is secretary:

In order that shippers of live stock may clearly and correctly understand the position of this association in respect to the purchase of female cattle subject to post mortem inspection by the United States Meat Inspection Department of the Bureau of Animal Industry, we beg leave to state the case as follows:

The packers of the United States, as represented by this association, should not longer pay for such animals condemned as unfit for food by government inspectors. No change has been made in the method of paying for such stock when purchased. We contend, however, that the purchase price of condemned animals bought subject to inspection shall be refunded by the seller, less the full market value to be allowed for hide and offal, claim to be made within forty-eight hours after purchase.

One reason for applying this rule to female cattle only is that tuberculosis is largely confined to dairy cows and from them the disease is communicated to other classes of cattle and hogs. We are assured by the best authorities that if the disease in cows is stamped out the result will be its final disappearance in all live stock.

For these reasons we ask the co-operation of live stock breeders and shippers in an earnest effort to wipe out the disease, feeling sure the justice of our position merits its approval, in addition to the fact that shippers of sound animals should no longer contribute to the carelessness and negligence of breeders and shippers of diseased animals, as evidenced by the increase in the price paid for healthy animals as a result of our stand against the payment of those diseased.

As we interpret this ruling it means that packers will pay commission men for everything purchased as heretofore, thereby placing the responsibility of withholding purchase price from original seller with these firms until the result of post-mortem examination is known.

## FINISHING STEERS ON GRASS.

The following communication has been received from a subscriber at Wilton Junction, Iowa:

I have twenty-two steers that I have been feeding since last December and I am undecided whether to finish these steers in a dry lot or turn them to grass and feed a ration of grass and grain for two or three months more. If they are turned to grass, would you advise feeding corn and linseed meal? I have seventy hogs to follow these cattle.

Without knowing just how fat these cattle are it is difficult to give advice that will be sound. If they have been well fed since last December they ought to be getting rather thick in flesh, and in that case it might be advisable to finish them up in the dry lot during the next two or three weeks and market them. By handling them in this way they will command a much better price than grass cattle and will possibly be as heavy by the end of May in a dry lot as they will be by the end of June if they are now turned to grass. We have known instances where it has taken a full month after cattle are turned to grass to make them as heavy as when they were turned on. This is liable to be the case where they were grained somewhat heavily before being grassed.

The advice given above applies, as stated in the outset, if the cattle are nearly finished. However, if they were very thin last December and have not been fed heavily during the winter it might pay, and pay well, to turn them to grass now. keep up the grain ration, allow the

hogs to follow and plan to finish them up about the time hot weather begins. We would not feed oil meal while they are on grass, but would be somewhat liberal in the use of corn. It is difficult to improve on a ration composed of grass and corn. If the pasture is good these steers will make extra good gains if fed

grain once a day—say in the evenings. By feeding only once daily they make cheaper gains because they are more largely made from grass. There is also an immense advantage in feeding at night compared with morning, as the steers will graze much better during the day.

## Iowa Swine Breeders Meeting.

With 100 breeders from all sections of the state, including a few prominent ones from Nebraska, the Iowa Swine Breeders' Association opened their meeting Tuesday, June 11th, with an address by President Wm. D. McTavish, of Coggon, Iowa, in which was expressed the opinion that the hog is truly making Iowa famous as well as wealthy, and that there is just reason for thankfulness and felicitation over the prevailing conditions of the swine industry throughout the state. The text of the talk was:

"Iowa has practically twice the number of swine of any other state, and produces more than one-seventh the number raised in the entire country. A great cause for gratification is the new swine pavilion on the state fair grounds which is being erected at a cost of \$75,000. This will be a great stimulant to the swine industry of the state. By the continuation of the present progress and improvement of the swine industry the success of the future will be assured."



PRES. M'TAVISH.

Mr. Harvey Johnson, of Logan, Iowa, followed with an address on "Piggy's Troubles," and while it is an old subject he presented it in a very interesting and instructive manner. In part Mr. Johnson said:

"It has been said that 'man is born to trouble,' and this applies very aptly to little pigs, and it does not make any difference to what breed they belong; nor whether they were sired by a hog that sold for \$25 or one that pretends to sell for \$25,000; nor whether they have for their dam the sow that holds the world's record for a high-priced sow, or whether it is the good, but homely old sow that we keep in the back lot out of sight. They are all subject to the same troubles, and require the greatest watchfulness to avoid them, or to successfully treat them."

"Among the first troubles to appear will be sore mouths. This can often be avoided by removing the eight large teeth soon after farrowing. It is a form of blood poisoning and is usually started by lacerating each other's mouths in the struggle for location at the dinner table. When started and in bad form the proud flesh should be removed and then thoroughly cleansed with a dip or carbolic solution."

"Next will be thumps—that trouble that always takes the prettiest and best, and the ones that we fancy are headed for the show ring. This trouble can better be avoided than treated when once acquired. I have tried a number of so-called remedies, but there is not one of them that I would recommend. Continual watchfulness is what counts here. Every pig that shows a tendency to get too fat should be made to exercise, and if this cannot be done sufficiently it should be removed from the sow and kept away at least a part of each day. Treated in this way they will be reduced in flesh and when that is done the danger will be past."

"Next will be scours, the most common and the most destructive of all the pig disorders. There are various causes for it, and fully as many remedies. Among the causes are: a sudden change to damp weather; wet and foul nests; over-feeding the sow; a sudden change of feed; or feeding something sour. Among the remedies are: reduce the sow's feed. If an old sow, feed less slops and more dry feeds. Feed her some parched corn, burnt flour, some soda, copperas or lime water. In our own work when a pronounced case appears, we first clean the nest thoroughly, then apply air-slacked lime and give fresh bedding. Then reduce the sow's feed and give her a teaspoonful of lime or copperas. In cases where the trouble seems to originate with the sow, we feed her soda or burnt

flour or parched corn. In obstinate cases, those that will not yield to the usual treatment, we administer direct to the pig a dose of from three to five drops of laudanum."

"The young pig will not live long before it will be troubled with worms. Some are not troubled to the extent that it is noticeable, and others so badly that it is very noticeable, in the loss of appetite, dead appearance of the coat and in the general unthrifty condition. The diarrhea that often appears in pigs of from six to twelve weeks old is almost always caused by worms, and when they are destroyed, the trouble disappears at once. Worms are the cause of more troubles in pigs and young hogs than is often supposed. They get sick and die and we call it something else, when the truth is that worms did it. For treatment we have found nothing better than santonin. Take one ounce, dissolve in warm water, mix with slop and feed to seventy-five to a hundred head of pigs, depending on the age of the pigs. Feed it the first thing in the morning and repeat the dose in three or four days."

"These are the principal troubles that will come to the pig while he is small. When he has more age he will become eligible to hog cholera, swine fever, and kindred ills, and opens up a proposition that is fraught with deep mysteries, where the more we see of it the less we know about it; where a cloud seems to come into our lives and fortunes are lost. We will not touch upon it, for we dislike to think of it unless compelled to do so."

"On every farm where hogs are raised to any extent there should be a dipping vat and it should be used regularly during the summer and fall; at least once in two weeks for pigs and young hogs and once in four weeks for older ones. I know of no one thing that will do as much toward eradicating disease and all the ills that pigs are heir to as will the intelligent use of the dipping tank."

"Raising pigs can very truthfully be called detail work. He who would make it a success must enjoy the work and must be willing to look after the many details that demand attention and it will pay and pay well. Some think the occupation is crowded. But for the careful, honest young man who likes stock there is now and always will be a place, whether he breed pedigreed animals or raise them for the market."

In handling the subject of caring for the litter, Mr. J. M. Stewart, Jr., of Ainsworth, Iowa, stated that no definite rules could be laid down for two reasons. First, because no two sows could be handled alike; and second, that no two litters required the same care to produce the desired results."

"One of the most essential things," said Mr. Stewart, "is proper condition at breeding time, and keeping the sow in good condition until the time of farrowing. You want to be very careful to not overload the sow with fat, for it will make her sluggish, causing her to overlay her pigs. You must see that the sow takes plenty of exercise, and it is a good idea to have her go at least twenty rods from her bed, for feed and water. If you have her properly fed and if she takes plenty of exercise, you will have but very little trouble at the time of farrowing. A sow in the proper condition, given a dry warm bed, and furnished with plenty of bedding, will generally take care of her own litter."

"If you do not spend a reasonable amount of time with your sows to gain their confidence, there are very few that will peacefully allow you to handle their pigs. Sows which are easily disturbed and jump up every time you come near them, are better off if you stay entirely away."

"After farrowing, leave the sow as quiet as possible, giving her plenty of water. Place it near so that she may have it as often as she desires. I feed dry oats and bran mixed, as the sow's ration, for the first few days after farrowing. I gradually mix a little chop-feed in her water, and feed her a little corn along with oats and bran, until I

## 10 Points to Consider When You Buy A Buggy.

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get her on feed, which should be when the pigs are about ten days old. Here no rule can be definitely laid down, as it all depends on the size of the litter and the amount of milk given by the sow. It is better by far to underfeed than to overfeed for the first few days, but you must feed enough to keep the sow quiet. After the second day, if the weather will permit, you want to coax her from her litter and see that she takes a little exercise each day. I generally call the sow out by the use of a little feed, and if I have not thoroughly cleaned out the pen, would shut her out and put in fresh bedding.

"You must watch the pigs and if they begin to get too fat, feed the sow less. If the pigs are not getting enough, increase the feed."

"I keep the litters separate until they are at least four weeks old and then there is not much danger of the pigs cheating one another. As soon as the pigs are old enough, I make them a feed-pen where they can eat by themselves. Then I gradually quit the feed on the sows. A good clover pasture is one of the most essential things we Iowa farmers can have for our pigs, as it gives us the protein in the cheapest way. You should be careful about feeding the pigs too much corn. We find the best feed is sweet milk, oats, mill-feed, some dry corn and if possible a good clover pasture. Too much corn makes the pigs fat, and they do not grow the bone that they should have to make a good, desirable hog."

Dr. J. H. McNeil, veterinarian at the Iowa station, addressed the meeting on the disease of swine and the sanitary aspect of such, as known up to the present day. He expressed his belief that within a few years many new and important discoveries will be made for the prevention of many of the common and fatal diseases. Instead of allowing diseases to develop and expecting to apply curative measures, which are generally impractical, Dr. McNeil advised that much more attention should be given to hygiene and preventive medicine. In other words, to get busy with coal tar disinfectants and institute a general cleaning up. The substance of his paper is as follows:

"Nothing permanent is gained in raising



DR. J. H. McNEIL.



ing a fine lot of animals and then by neglect allowing them to become infected and die from some preventable infectious disease," was the text of Dr. McNeill's address. "Why not pay more attention to the few principles that underlie the important subject of sanitation and not devote all the time to selection, pedigree and performance of individuals? We have been twenty centuries in reaching the present condition of sanitary intelligence, but even at this day some of the most important and simple sanitary measures are neglected by intelligent people, or are opposed for financial reasons. It is a significant fact that almost every attempt made on the part of sanitarians to prevent the spread of disease among animals has met with the greatest opposition among stock holders. It is a painful, penny-wise and pound-foolish policy. If stockmen could only see how much more economical it is to isolate or destroy all diseased animals than to allow them to remain as distributing centers for disease, much greater care would be exercised in this capacity.

"The causes of disease are simple or complicated and are so often impossible to locate that the importance of preventive measures cannot be overemphasized. For example, heat, if excessive and prolonged, exerts a very deleterious effect on the animal. Cold is equally detrimental, and when proper housing is not provided chilling occurs and pneumonia or pleurisy results. This is especially true where a large number of hogs are kept together.

"The condition of the atmosphere when charged with offensive gases from manure pits or other foul places is often the direct cause of disease. Some people foolishly believe that the ammonia arising from heated manure is healthy, which, however, is a fallacy. Bad air reduces the resistant properties of the body. It induces a state in which the natural defenses are weakened and an avenue for infection established. Foul air and overcrowding are perhaps the prime factors in the production of swine troubles. Darkness also deteriorates the general health, and makes it possible to have corners accumulate with filth, where if plenty of light were allowed such would not be the case.

"It is not easy to imagine the amount of disease caused by the use of impure water, but we are sure that it is not conducive to good health. It is certain that such diseases as cholera, swine plague, anthrax and tuberculosis may be transmitted through the medium of streams. The water trough, the puddle and the polluted well in the feed lot are all chief sources of infection.

"The parasitic diseases which occasion such great losses in young animals are largely spread by water. The results of recent experiments have proven that contagious abortion in cows may be transmitted to cows through various mediums, which should make it highly important to establish sanitary conditions in the cattle barn.

"For a long time it has been known that pork contains the egg of many parasites which infest the human body. Trichina is one of the most important of these, and prevention lies in the thorough cooking of flesh food. The extermination of parasites must largely depend on preventive measures. We must exterminate the infesting agent in order to prevent the infection of future generations. Parasite eggs are transmitted from mature hogs to young through the medium of the excreta; hence to prevent the infection of the young it will be necessary to either remove this source of infection or remove the pigs. This is not saying that either way is practicable or possible. There are also parasites of the respiratory system which are expelled by coughing. The majority of these are destroyed by drying and the possibility of infection is not so great in this class of parasites. The eggs of certain parasites develop most rapidly in a moist soil, which accounts for the more frequent deaths among pigs during wet seasons on account of worms than in dry times. Strong animals are less predisposed to suffering from internal parasites than those which are affected with mange, lice or other annoyances. Intestinal parasites exert their most detrimental effect by either mechanically obstructing the intestines, which impairs digestion, or by perforating and rupturing the same.

"Of the external parasites of hogs perhaps the most commonly met with is the louse. As is generally known, these are mostly found about the ears and the root of the tail, also in wrinkles. Because of the fact that they pierce the skin in order to secure the blood, they cause great irritation. The free use of some one of the good dips will destroy these parasites. Mange or scabies is frequently met with, and while the financial loss is not great as a rule, the vitality of the animal is much reduced. Violent itching is often caused by a parasite which burrows under the skin. Scabies is transmitted by direct contact and will spread to the entire herd. Frequent dipping is a preventive. The bodies of rats and mice contain a certain parasite which, when eaten by the pigs, develops in their bodies. The affection of the lungs caused by parasites is not uncommon in young and growing pigs. It is caused by a fine worm, the eggs of which are coughed out of the lungs by the animal and secure entrance to the lungs of other animals in the herd.

"One of the most important of swine diseases of germ origin is tuberculosis. It occasions great loss to the packers as well as breeders. Infection usually takes place from feeding milk coming from cattle suffering from tuberculosis. Infection is aggravated by the feeding of skim milk from creameries where milk from a number of herds is thrown together and is not sterilized before being returned to the farm. Tuberculosis germs may also be transmitted by the eating of the droppings of cattle suffering from intestinal tuberculosis. As there are no means by which we can determine when cattle or their offal becomes dangerous to the health of people and animals, every cow should be tested with tuberculin and the disease eradicated. It must be kept in mind, therefore, that swine may be given tuberculosis, not only through the medium of skim milk, but through the droppings of infected cattle.

"Another important affliction is the acute inflammation of the mouth which affects pigs. It is characterized by the formation of ulcers about the mouth and face. In some of the worst forms blindness results. All this is caused by the fighting of the pigs for a place at the lunch table.

"When pigs are kept up too long after farrowing in a small, close, dry pen the toes, tail and ears may rot and drop off as a result of a certain germ infection. Prevention lies in keeping the pen in good, sanitary condition. Regarding cholera and swine plague, very little can be added to what has been known for some time. No vaccinating serum has yet been established on a practical basis.

## The Water is Measured

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You will prosper in Alberta—You can't help it if you are willing to work as hard as you now work, because there is everything here to assist you and no draw backs.

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Now is the time to come, for land is going higher every day—The sooner you buy the larger your profits.

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IRRIGATION COLONIZATION CO., Ltd.

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It is a waste of time and money to fool with hog cholera cures. The only sensible way to deal with an affected herd is to quarantine and destroy affected and exposed animals.

"There is but one way to combat infectious diseases, and that is by absolute destruction of the germs. We may close our eyes to the fact, but if we persist in being blind we will eventually find ourselves working at such a disadvantage as to result in certain failure. I would urge that more facts be presented along the line of preventive medicine than there is. Only by a close harmony among live stock breeders for the prevention and eradication of disease can a brilliant future be insured for the live stock interests of the country."

Superintendent R. S. Johnson, Columbus Junction, Iowa, of the swine department, spoke on the object of the Iowa State Fair, more particularly from the standpoint of the swine exhibitor. A part of his talk was taken up with the historical side of the fair by way of comparison, and he cited the report of the swine department of the first fair fifty-three years ago. At that time the fair was held in Fairfield and the first premium list numbered something over 400 items and offered \$1,100 in premiums. There were but eleven entries of swine at that time. Later the fair was held at Keokuk, then Cedar Rapids, from whence it moved to West Des Moines and finally to its present location on the beautiful slope of timbered land on the east side of the river. With this preface Mr. Johnson continued:

"Preparations are now being made for the holding of the fifty-third annual Iowa State Fair. Never in its history was there so many improvements under way in one year as at the present time. Something over \$100,000 will be expended in permanent improvements this year. Of this amount \$75,000 was granted by the last Iowa legislature for the swine building, and nearly \$6,000 by the same legislature for the purchase of the ground upon which the swine building is being erected. The balance that is being expended is the surplus of the fair itself, which



SUPT. R. S. JOHNSON.

will amount to perhaps \$30,000. In addition to this the fair will have its \$15,000 surplus fund, which will not be used.

"A complete system of waterworks has been purchased and is now installed, the same to connect with the city mains. This not only insures an ample supply of water during the fair, but is a great protection in case of fire all during the year. The contract has been let for an additional electric light plant, which will be a vast improvement. One of a series of large horse barns will also be built this year.

"The object of the Iowa State Fair has as its fundamental principle the education of the people. Many an exhibitor views the fair merely as a market place, or as a means of winning a little prize money. Hundreds of fair goers see only a frolic in the event. These people being blind, see not; but thinking men who keep their eyes and the avenues to their brains open, understand that education of the farm folk is the underlying idea of the agricultural fair. The state fair is as much an educational factor for the farmer and breeder as is the agricultural college. As an educational force the state fair is as properly the subject of state aid as any other educational factor which deals with the enlightenment of the farmer and breeder. A serious mistake in the management of state fairs has been the temporary appearance of its buildings. While the actual use of these buildings is but a short time each year, yet they should be permanently constructed and of fire-proof material. Practically all fair managements are now adopting the above plan.

"That the object of the Iowa State Fair is the improvement of our stock and agricultural products we believe to be true, for in no other way would Iowa ever have achieved the high standard upon which she now rests. It is generally conceded that in no place in the world can such a swine show be seen as we annually find at the Iowa State Fair, both as to numbers and quality. It has been a very interesting subject with me, both to study the exhibit and the exhibitor. I have had young breeders suggest to me that his stock looked pretty good to him at home, but when he got to the show ring he was outclassed. I suppose some give up in disgust and quit, but most of them go home resolved to do better next year, and often in one year's time they are able to produce a prize winner.

"The object of all fairs and exposi-

## THE OTTAWA DUSTLESS CYLINDER CORN SHELLER

will shell corn in any condition—wet, dry, dirty or rotten. It is by far the simplest corn sheller ever manufactured—has fewer belts and less gears. Strong and durably constructed of only highest grade materials. It does not crush the cobs, but leaves them in a nice clean condition for fuel. We have manufactured the Ottawa Sheller for 50 years. Time has proven its superiority. Absolutely dustless. Only machine that shells popcorn perfectly.

It will shell more corn, in less time and at less cost, than any sheller on the market and we can prove it. Our illustrated catalog contains the proof. Write for a copy now and be convinced.

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### OMER KINSEY, of Minier, Ill., Says:

I never found any corn I could not shell from the cob. I have operated an Ottawa "C" Sheller less than four (4) years and shelled 397,000 bushels of corn and these are the first repairs I have ever ordered, amounting to \$14.45, so let the good work go on.



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tions should be self supporting except in the building of permanent fire-proof buildings. It should be the endeavor of the management to offer as liberal premiums as possible and to give the people the best entertainment possible. The exhibits in all departments should be of the best. The show in every way should be of a clean, moral character, a place where we can take our families in absolute safety. Such I believe the Iowa State Fair to be. There we should find the finest type of the various breeds of horses, cattle, swine and sheep; the best manufactured products, and the best of agricultural products. It is said that "Of all that is good Iowa affords the best." I believe this to be true. I also believe that the cream of what Iowa raises and produces can be found at the Iowa State Fair. May its object be ever thus.

"I believe it to be the duty of exhibitors to bring nothing but worthy exhibits to the fair. There has been a little tendency in the swine department, among a few exhibitors, to bring inferior animals, with the sole idea of making sales at a price below good stuff. This, to my mind, should be discouraged among breeders.

"It is the duty of exhibitors to properly prepare their exhibits before starting for the fair, and to bring nothing but meritorious animals. The start from home should be made in plenty of time to get to the grounds and in quarters by Saturday evening before the fair opens. Entries of all stock should be made with the secretary by letter before leaving home. Likewise pens should be arranged for in the same way.

"It is the duty of the exhibitor to keep his exhibit in the best of shape, as well as the surroundings near him, all during the fair. Thousands of visitors will pass his quarters during the week, and it is human to admire seeing a neat and clean exhibit. He should be prompt in having his exhibit in the ring when they are being judged. During the day there should constantly be an attendant at or near the exhibit.

"I believe it is the duty of exhibitors to follow the rules and instructions as laid down by the fair management. These rules are made for the best interests of all concerned. I consider it the duty of the superintendent and his assistants to look carefully after the wants and welfare of the exhibitor.

"It is the privilege of the exhibitor to have such information furnished him as he may wish as regards the department in which he is showing. He also has the privilege of disposing of his stock to the best advantage possible. We would deem it his duty to boost the fair, for he must remember that it is the fair that brings him the buyer. Again we come to the inferior sale stuff. The fair management from a financial point of view cannot furnish even the old pens at \$1 each. The strong feature of the fair is the improvement of live stock; if nothing but sale stuff was brought to the fair we would retrograde.

"The 200 swine exhibitors who come annually to the Iowa State Fair, I consider a fine representative body of men, and I assure you that it has been a pleasure for me to serve as superintendent of the department."

In the evening session Secretary Simpson, of the Iowa State Board of Agriculture, gave some interesting figures on the new swine pens and show pavilion. The new quarters will result in the increase of 2,000 square feet of floor space over the pen room in the old build-

ing. There will be 1,154 pens 6x7 feet in all, and these will form three sides of the building, leaving a hollow square. Particular attention has been given to the arrangement so as to avoid congestion of crowds in any particular part. The outside of the pens will be of perforated steel and the partitions will be of wood. The construction otherwise is of brick and steel with the exception of the roof. The total ground space in this building covers three acres, exclusive of the show pavilion, which is 113x290 feet. The plans for the accommodation of exhibitors have been considered at every point, and a nice strip of ground has been reserved for camping purposes just east of the grounds. Their high and well drained location will make them particularly suited for this purpose. The swine exhibitors of the Iowa State Fair will have every reason to be proud of their new accommodations, which will satisfy a need long felt by every progressive swine breeder.

Mr. J. A. Benson, of Primghar, Iowa, discussed at length the detrimental effects of the practice of under-selling and booming, and among other things said that the detriment of under-selling brings discredit to any breed by showing a loss of legitimate profit even in good times. On the other hand, financial and moral relapse is as sure to follow the practice of booming and high-selling. It is indeed a great blessing to be able to deliver full and satisfactory value in every sale. If every breeder would fully realize the importance of this the complaints of over or under-selling would soon vanish. In substance, Mr. Benson said:

"Among breeders we find all sorts and conditions of men. There is the lagging, indifferent, timid or disheartened breeder who under-sells. His opposite is the nervous, prancing or plunging boomer, while the man who does the business the most good is he who with high-class intelligence is able to produce the best for which the highest prices are not exorbitant. He produces animals which prove their worth. There is no danger of him ever being a boomer.

"There is not a great deal of danger from the man who under-sells. The limitations of capital and the lack of attractiveness of his stock tend to turn buyers to other sources for their purchases. Most of the men who under-sell do not place much value on the pleasure which a thing gives to the eye. True, it is a fleeting and immeasurable quality. The man, however, who can get no pleasure from pure-bred swine through his eyes will never be a successful breeder. He never gets away from the pound and the price per pound in buying and selling breeding animals. Thus he is a drawback to progressive breeding.

"Another breeder who under-sells is he who sees things at a distance with more or less enchantment, or, in other words, sees all the good points in the other fellow's stock and the poor points in his own. He lacks the proper capacity to balance things; hence he sells his own stock at much lower prices than he could buy the same from other breeders. Such a man should be pitied rather than blamed, and his only hope is to get out and mix with breeders and get all the experience possible. Such men are not included with those who sell inferior, runty or ill-fed stock.

Mr. Benson contended that the average breeder of swine should so conduct his business that he can sell his product on



Wall Flashing—Roof Hook, page 13, tells how to make it.

Over Old Shingles—Roof Hook, page 6, makes it easy.

Chimney Flashing—Roof Hook, page 15, tells how to do it.

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Defies Time, Water, Sparks, Cinders, Wind

"No-Tar" Roofing has a surface as hard as flint—it is flint! Can't catch fire from sparks or cinders. It's as flexible as rubber—and absolutely waterproof. It's tougher than leather. Costs less and lasts longer than shingles, iron or steel. Won't run in the hot sun. The building that has a "No-Tar" Roof protection will last longest.

Accepted by all Fire Insurance Companies, who charge 25 per cent less for insuring buildings protected by "No-Tar" Roofing than for buildings with shingle roofs.

**For Store Buildings and Factories** "No-Tar" Roofing is far more durable and satisfactory for flat or steep roofs than tin or gravel roofing. Will not rot, rust or run.

**For Barns and Outbuildings** "No-Tar" Roofing is made in various weights, for all sorts of buildings. Nothing better or cheaper for aiding houses, outbuildings, etc. All joints water tight. "No-Tar" Roofing keeps stock and poultry safe and warm in coldest weather. Quick and easy to lay. Exceedingly popular among farmers, stock raisers and poultrymen.

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**Free Samples to Test** When we send you the Free Sample of "No-Tar" Roofing we will tell you ten ways to test it and prove its superiority to any other roofing.

**Free Roof Book** This book tells "How to Do Your Own Roofing." Tells how to make Valleys, Gutters, Flashings, etc. How to Measure a Roof. Explains the whole roofing operation. We send the book FREE, postpaid, on request. Get "No-Tar" Roofing from your local dealer. Special nails and cement FREE.

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the market at meat prices and show a good profit on the cost of production up to the point of selling them for breeders. It is misleading for any breeder to make it appear that there is a great expense in producing pure-bred stock.

The man who pays a good price for a sire, thereby enabling him to sell the product to his fellow breeders for more money because of reputation of ancestry or winnings, should see to it that the buyer pays for the product that is sold. This is no more than fair because the buyer gets his full money's worth with the properly advertised animal. The winner is worth more than before he won, even though he will get no better offspring. The better the product the more urgent the demand among those who buy.

As to the boomer, Mr. Benson thought he was a man of mystery. The dictionary did not contain a description of him. However, it is safe to say that he details only those qualities which judgment can measure, and the age, weight and color and often pedigree of his pigs are so beautifully indefinite that two buyers at different times would never, by comparing notes, tell whether they were offered the same thing. The quintessence of the boomer's business is "the pure blood of the greatest individuals of the breed." This is not necessarily an unreasonable measure of value. However, it is a more common one with the boomer than any other.

The boomer is a detriment to a breed because he keeps inferior animals in the herd on points of merit that are hard to define. Boom sales are hard to conduct, and cautious buyers hesitate to attend. Many honest breeders pass up a good animal of a popular family just because some one has boomed the family. Confidence is a fundamental basis of swine breeding; it should never be destroyed. We must not think that all high prices are not legitimate ones. It is no more than right that a premium should be placed on the best animals in existence, and who is going to say what the limit of this price is? The more high-priced animals of actual superior excellence in any breed the better for that breed and its supporters. We need the high seller to set the mark of excellence in achievement. He well deserves to win by his honest effort and valuable contributions to the breeding work of his day.

"Feeding a Crop of Pigs for the Greatest Profit" was discussed in detail by Mr. R. J. Harding, of Macedonia, Iowa. His experience included the production of both the market and breeding animal and contained valuable advice from start to finish. At the outset the importance of selecting strong, vigorous, roomy sows was emphasized if good litters were to be secured. The paper continued:

"Mate the sows to males that are especially strong where these sows might be weak. The common practice of breeding one male to the entire herd of sows regardless of their fitness is too common amongst the average swine raisers for the general market. In the hog crop of the country every year I find there is a greater difference in the development of young pigs. If the dam is fed on bone and muscle making foods instead of fat producing food during the period from breeding until farrowing time, it means one-fourth better fu-

ture development as pigs from sows fed as I have stated are stronger and will grow faster and have more vitality than the pigs from equally as good a sire and dam on an exclusive corn diet. At farrowing time great care should be taken to provide dry, clean, separate quarters for each sow and if the weather is cold the bedding should be changed every twenty-four hours after she farrows as damp bedding in cold weather will chill the little fellows, and is the cause of the most of the bowel trouble so common in young pigs.

"One week before farrowing I would feed sow on moist bran and one ear of corn morning and evening with just a little oil meal in each feed. Would give nothing but cold water for first twenty-four hours after farrowing and then a light feed of bran. Watch your sows and increase feed gradually, giving a little more corn as the pigs grow. At three weeks old the sow should be on full feed with one-half of her feed corn or corn meal to keep up flesh.

"One of the most essential things for the well-being and thrift of a crop of young pigs in the first few weeks of their life is plenty of sunshine and exercise. If the sunshine is lacking, the exercise is all the more necessary and if not exercised all kinds of trouble may be expected. Thumps is one of the worst of all ailments in the pigs, but can generally be avoided if the little fellows are forced to exercise freely every day. At three weeks old provide a separate feeding place for them and feed them soaked oats. After they commence eating well, mix corn meal, shorts, bran, oil meal and alfalfa, and place in feeder where the little fellows can have free access to it.

"Have a trough for the pigs separate from their dam. If you have milk, give them liberal allowance, if not clean water with the above ration. As the little fellows grow and you are feeding for the market increase the corn from one-fifth to one-half and the last month feed three parts corn, keeping up the other feeds, only reducing them as you increase the corn. By this method I produced a carload of hogs that averaged 320 lbs. at ten months of age and topped the Chicago market with 40,000 on sale. This is the most successful method I have tried, and yielded the greatest profit. The only difference in feeding for breeding stock or pork production is the amount of corn fed, using less corn for breeding stock and plenty of grass for all."

The present officers of the Iowa Swine Breeders' Association are; President, Wm. D. McTavish, Coggon, Iowa; Vice Presidents, John M. Cox, Jr., Harlan, Iowa, and J. A. Benson, Primghar, Iowa; Executive Committee, B. R. Vale, Bonaparte, Iowa, W. Z. Swallow, Wauke, Iowa, and Harvey Johnson, Logan, Iowa; Secretary and Treasurer, C. C. Carlin, Des Moines, Iowa.

The annual business meeting, at which is transacted such business as may come up and at which the election of officers takes place, is held on Wednesday evening of the Iowa State Fair week.

**The National Meeting of Expert Swine Judges.**

President S. M. Pedrick of Ottumwa, Iowa, called the National association

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Does not rope the hay, but teds it into light, fluffy windrows so it air cures perfectly. No need for second stirring, which breaks up stems and leaves. It rakes clean and it requires no dumping. The easiest of all rakes to operate, a boy old enough to drive can do it.

Best Pair Hay Making and Saving Tools on the Market. Send for catalog and get all particulars.

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*Hay Tedder and Rake*



Do you have a farm to trade for a \$7,000 stock of general merchandise in a thriving Iowa town? If so describe in a letter what you have, naming location, and other points and address same to C. care of Homestead Company, Des Moines, Iowa. See page 15

105 Osage Avenue, Kansas City, Kansas



## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

## When the Cows Come Home.

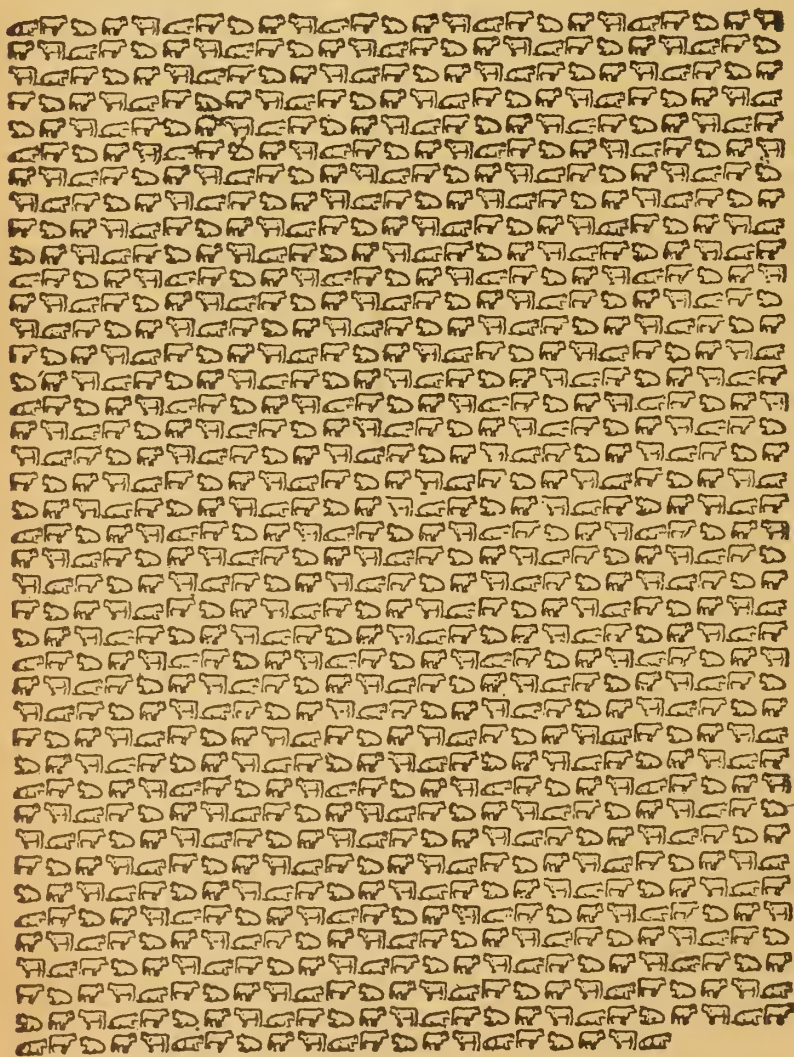
Here are 1,021 cows brought home to the dairyman. He may not at first recognize any of them as having strayed from his farm, and he may not be pleased with the herd as a whole, but for all that they are common cattle in Illinois, and he is an exceptional dairyman who cannot claim a number of them as his own. This type of dairy animal cannot be recommended without some reserve, but it must be admitted that it is holding its own, and the owner, remarkably well—holding him back from prosperity. This is not exactly the dual-purpose cow, but her pur-

the Illinois Station are the individual records for a full year of 554 cows in thirty-six Illinois herds. To make a large and fair comparison, take the lowest fourth and the highest fourth of all these cows. This is 278 head, or half of the entire number. The lowest 139 cows (one-fourth of all) yielded an average of 133½ pounds of butter-fat during the year, and the highest 139 cows produced an average of 301 pounds butter-fat.

The Elgin price of butter the past five years averages twenty-three cents per pound, and this is the usual price the dairyman gets for the butter-fat in his milk, it costing the over-run to make the butter. At twenty-three cents per pound for butter-fat, the poor cows make an average return of \$30.77. At the low estimate of \$30 per year for feed, this would leave seventy-seven cents profit per cow for the whole year's work and investment. But the best 139 made au-

Twenty-five cows, each producing 301 pounds of butter-fat per year, return a profit of \$783.

The illustration below shows exactly how many cows of the poor kind (1021) it takes to return identically the same profit (\$783) as the 25 good cows.



pose is far from that of the owner in keeping her. These cows do not usually stray away from the farm in such numbers as this (more's the pity!) and the writer's reason for bringing them home in this way is not so much to restore property as to assist them to deliver an unwilling message, which, however, may be of more value to the dairyman than the cows are themselves.

Included in the dairy investigations of

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any dairy farmer ever made  
is a

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Its use means profit and  
satisfaction combined

Send for 1907 catalog.

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Deland & Canal Sts. CHICAGO 74 Cortlandt Street NEW YORK

average income of \$69.32. Allowing these better cows \$38 per year for feed (\$8 better than the poor producers), the clear profit is \$31.32 per cow. These calculations allow the skim-milk, calf and manure to pay for the labor and interest on the investment.

The profit from the whole 139 cows is only \$107, but the clear money from the best 139 cows amounts to more than \$4,000. Every one of these good cows averages as much clear profit as forty-one cows of the poorer kind. Herds of these two kinds would have to be kept in the following comparative numbers to produce exactly the same profit for the owner: One of the good cows would produce as much profit as forty of the poor ones; fifteen of the best cows would produce as much profit as 612 of the poor cows; twenty-five of the good cows would equal 1,021 of the poor cows.

These figures sound big, but in their abstract form they are too weak to tell the full story. The accompanying illustrations show the exact relative sizes of the two herds that would make the same amount of profit for the owner. The one contains twenty-five cows and the other 1,021 cows. They are all present to represent their value. In four and a half days each one of them earns one cent profit! It is only necessary to have enough of these earners to make a large amount of money! Thirty of them

would produce the value of one acre of corn—if the ground isn't too rich and the price doesn't exceed fifty cents per bushel.

Twenty-five cows of the better kind would return the dairyman a clear profit of \$783 per year. They could be kept on an eighty-acre farm; they would require a barn 32x45 feet and a 100-ton silo, and the cows themselves, at \$79 per head, would cost only \$1,750—a very good little business.

But the dairyman could make just as much money (and no more) from the 1,021 cows of the other kind. However, the investment would be somewhat different; and here are some of the details for the benefit of anyone who might prefer to handle the 1,021 cows to make \$783, as in effect many of the Illinois dairymen are now doing with at least a portion of the herd.

To stock up for full business the first year, Mr. Dairyman puts \$40,000 to \$50,000 in his pocket and goes to market. It will require only two trains of thirty cars each to bring home the 1,021 cows. Walking as closely together as possible, single file (each cow occupying but eight feet in the line), they will string out more than a mile and a half in driving up from the station. It will take the biggest part of an hour for them to pass through the gate at a steady walk. Standing as closely together as they can be crowded, they would fill two and one-half acres of yard, but a five-acre yard would be too small to accommodate them properly. A barn thirty-two feet wide, for two rows of cows, and with stalls, three feet three inches wide, would have to be 103 rods long to house this herd. It would extend nearly around the four sides of a five-acre lot and would cost a matter of \$40,000—but it would save fencing. If the cows were to run loose in a covered barn lot, three acres would have to be covered. Eighty-five good milkers could handle this herd easily. Fifteen hundred acres of pasture ought to be plenty for grazing. To feed these cows a ton and a quarter of hay per cow would require a rick twelve feet wide and twelve feet high and nearly a mile long, or almost three times around the five-acre lot—providing a great wind-break. Eight hundred acres of meadow should produce this hay. Forty 100-ton silos would be sufficient.

One would certainly realize that he was in big business driving up these 1,021 cows and milking them on a sweltering night in fly-time—yet this is the size of the business as to profit that one-fourth of the million cows in Illinois are doing today.

All this to equal twenty-five really good cows and get \$783 profit! This herd could be very well managed on a 3,000-acre farm of good land. A dairyman having a bank account of \$100,000 or so could keep these cows, but they would be a bit dangerous for the common dairyman to handle. But he is handling them in smaller numbers, and doesn't see the danger, because their worthlessness is hidden behind the high production of the good cows in the herd.

Many dairymen of Illinois have accommodations for eighty cows. To equal that number of good cows averaging 301 pounds of butter-fat would require a herd of 3,266 cows, and accommodations about three times as large as here indicated!

All of the cows of the poorest producing herd of these thirty-six herds averaged a profit of but \$1.74 per cow. The average cow of the best herd is worth more than twenty-four cows of the kind that forms the poorest three herds. The writer knows three other dairy herds whose milk returns show a profit of but sixty-two cents per cow for the year; while in the same neighborhood are three herds whose milk averaged a profit of \$60.94 per cow. The average cow in the three good herds equals ninety-six cows of the kind that make up the poorest three herds. And in another dairy locality the same kind of a contrast came to the writer's attention.

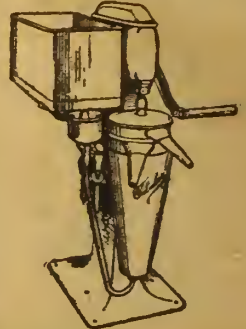
Just think of the poor souls that sweat every night and were belted in the face each morning all the past summer milking one-fourth the cows in this great state of Illinois and making no profit, when they might just as well have been milking cows that would make \$2.50 to \$5 profit per cow per month.—(Prof. N. J. Fraser, of Illinois Experiment Station, in Kansas Biennial Report.)

The F. O. Lowden Notable Short-horn Sale.

Several times during the last few weeks The Homestead has predicted that on June 11th one of the most notable sales of Short-

## Because You Need The Money

It's your business and if you don't attend to it, who will? You cannot afford to keep cows for fun. That isn't business, and, furthermore, it isn't necessary. There is money in cow keeping if you go at it right, and besides there is more fun in going at it right than there is in staying wrong.



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horn cattle ever held in this country would take place. Reference was made to the sale of Mr. F. O. Lowden, to be held in Chicago. The date has passed, the event has happened, and the tale alone remains to be told. When we predicted that there would be a \$600 average our judgment was based on two things, namely, the merit of the Sinissippi Short-horns and the demand there exists for the right kind. That the average exceeded the estimate given demonstrates better than any words of ours the real merit of the cattle in this noted herd. Colonel Woods, who occupied the block throughout the entire sale, fully measured up to the importance of the occasion and said some good things about Short-horn cattle and paid his respects to the retiring manager, Mr. Thomas Stanton, who has recently formed a partnership with Dr. Earls, of Milwaukee, which firm made many purchases from the Sinissippi offering. Mr. Lowden was called on for a few remarks at the opening of the sale, and among other things explained why the noted bull, Cumberland's Last, was being sold. His explanation, briefly stated, was this: He has used Ceremonious Archer, a bull that breeds very many light roans and whites, and he has also used Cumberland's Last, a pure white bull, consequently he felt that it was a necessity while keeping many daughters of Ceremonious Archer that he should have a red bull to cross on them in order to produce roan cattle. He made this explanation in order that it might be understood that he was not relinquishing his interest in the Short-horn business. In his own words: "I expect to continue the breeding of good Short-horns until I 'go broke,' but never expect to have that experience when breeding the kind of Short-horns that I have been handling the last few years." There remains at Sinissippi Farm seventy good ones, most of these having been bred by Colonel Lowden himself. Although Sinissippi Short-horns made some new history June 11th, it would not surprise us, considering the enthusiasm and ability that Colonel Lowden is putting into this work, if this selfsame herd should break even its own record at some future date. We desire to go on record as stating that the average of this sale was made without any attempt to break records or to bolster prices in any way. The public set its own pace and placed upon the animals sold its own value. When Cumberland's Last was led into the ring a battle royal ensued between the breeder of this noted bull, Mr. C. A. Saunders, of Man-



Ill., Iowa, and the firm of Earls & Stanton, of Milwaukee, Wis. Mr. Saunders' last bid was \$2,900 and at \$3,000 he became the property of the new breeding establishment of Earls & Stanton, of Milwaukee. The splendid roan bull, Lavender Archer, went to Messrs. Eno Bros., of Luana, Iowa, at \$525 and was a rare bargain at that figure. Gladstone, a roan son of Whitehall Sultan, was sold to Messrs. Rapp Bros., of St. Edwards, Neb., at \$410. These were the only bulls sold. The \$1,000 mark was reached and passed many times, and \$260 was the minimum price on the entire sale. One gratifying feature of the sale was that the only two animals offered that were not Scotch sold at an average of \$300 over and above the general average of the sale. One of these, a yearling daughter of Ceremonious Archer, belonging to the Lady Elizabeth family, was bought by the Hon. Thos. Johnson, mayor of Columbus, Ohio, at \$925, and the other, a four-year-old Kirklevington cow and heifer calf, sold to Mr. F. W. Harding, of Waukesha, Wis., at the same price. Messrs. Bellows Bros., of Maryville, Mo., were persistent bidders on many of the best individuals and obtained some of the choice ones. Included in the list of bidders were Messrs. Thos. Johnson, Columbus, Ohio; R. T. Reeber, Morrill, Kan.; F. W. Ayers, Athens, Ill.; Elmendorf Farm, Lexington, Ky.; F. W. Harding, Waukesha, Wis.; N. A. Lind, Rolfe, Iowa; Flynn Farm Company, Des Moines, Iowa; John Rasmess, Lake City, Iowa; Walpole Bros., Rock Valley, Iowa; H. E. Hayes, Olathe, Kan.; D. R. Hanna, Ravenna, Ohio; A. Chrystal, Marshall, Mich.; Hector Cowan, Paulina, Iowa; F. A. Edwards, Webster City, Iowa; W. S. Hart, Indianola, Iowa; N. P. Clark, St. Cloud, Minn.; Frank Prather, Williamsville, Ill.; L. E. Suprenaut, Kankakee, Ill., and H. H. Powell & Son, Linn Grove, Iowa. Mr. Lowden made liberal offers for several of the calves that were sold with dams, but only succeeded in procuring two or three. He paid \$1,000 for the bull calf out of Lavina 2d, purchased by Messrs. Earls & Stanton. Those who assisted Colonel Woods at this notable sale were Cols. Geo. P. Bellows, Carey M. Jones, G. W. Brown and Clarence Gardner. If any Short-horn breeders faith needs strengthening concerning future prospects or the demand there exists for good cattle, a perusal of the following list of prices is recommended:

## FEMALES.

Mary Gray, six years, sire Rosalie, H. F. Brown, Minneapolis, Minn. . . . \$ 625  
Lena, seven years, sire Scotland's Fame, and b. c., Dr. W. H. Earls & Stanton, Milwaukee, Wis. . . . 650  
Ballechin Charming Maid, six years, sire Macbeth, and b. c., G. T. Reeber, Morrill, Kan. . . . 1,000  
Lake Park Augusta, six years, sire Imp. Count Amaranth, and c. c., Thos. Johnson, Columbus, Ohio. . . 1,405  
Mario's Heiress 2d, seven years, sire Scotch Victor, and b. c., F. W. Ayers, Athens, Ill. . . . 600  
Mario's Heiress 3d, five years, sire Scotch Victor, and b. c., Elmendorf Farm, Lexington, Ky. . . . 610  
Butterfly 4th of Wildwood, six years, sire Barmpton Prince, and c. c., Dr. Earls & Stanton. . . . 800  
Anoka Broadhooks, three years, sire Ceremonious Archer, and c. c., F. W. Harding, Waukesha, Wis. . . . 1,000

Village-Sultana, three years, sire Whitehall Sultan, and c. c., Bellows Bros., Maryville, Mo. . . . 1,000  
Ury Queen, eight years, sire Duke of Richmond, and b. c., D. H. Highbarger, Steward, Ill. . . . 630  
Duchess 4th, four years, sire Bapton Ensign, and c. c., F. W. Harding. . 400  
Pretty Maid, three years, sire Bapton Ensign, Dr. Earls & Stanton. . . . 390  
Clara 60th, four years, sire Royal Robin, and c. c., N. A. Lind, Rolfe, Iowa Susan 3d, three years, sire Lancaster Comet, and c. c., G. T. Reeber. . . 630  
Goldie's Jewel, three years, sire Choice Goods, Flynn Farm Co., Des Moines, Iowa . . . 700  
Lavina 2d, six years, sire Martinet, and b. c., Dr. Earls & Stanton. . . 2,000  
Dora Marr 6th, four years, sire McDiamld, and c. c., John Rasmess, Lake City, Iowa . . . 400  
Heather Bloom, three years, sire Duke of Oakland 2d, and c. c., Walpole Bros. . . . 375  
Victoria Alice, five years, sire Scotch Cup, and b. c., Dr. Earls & Stanton. . 550  
Cherry Blossom 4th, seven years, sire Sittytton Prince, H. E. Hayes. . . . 485  
Proud Fancy, eight years, sire Pride of Morning, and c. c., F. W. Harding . . . 815  
Rose of Strathspey, three years, sire Royal Canada, Elmendorf Farm. . . 515  
Clara Belle, three years, sire Choice Goods, Bellows Bros., Maryville, Mo. . . 1,505  
Sinnissippi Lady 2d, two years, sire Ceremonious Archer, Thos. Johnson. Sinnissippi Butterfly 2d, two years, sire Ceremonious Archer, Elmendorf Farm . . . 935  
Sinnissippi Rose 2d, two years, sire Ceremonious Archer, same. . . . 500  
Sinnissippi Victoria, three years, sire Red Knight, Bellows Bros. . . . 550  
Sinnissippi Butterfly, two years, sire Ceremonious Archer, D. R. Hanna, Ravenna, Ohio . . . 430  
Imp. Cluny Flora 85th, six years, sire Royal Pride, A. Chrystal, Marshall, Mich. . . . 380  
Lady Douglas 2d, five years, sire Scottish Victor, and c. c., same. . . . 575  
Water Violet 5th, four years, sire Lord Banff, Flynn Farm Co. . . . 500  
Lakewood Duchess of Gloster, four years, sire Iowa Champion, and b. c., Hector Cowan, Paulina, Iowa. . . Choice Jewel, four years, sire Choice Archer, and b. c., F. A. Edwards, Webster City, Iowa . . . 375  
Susan 2d, six years, sire Mountain Archer, and c. c., C. A. Saunders, Manilla, Iowa . . . 510  
Susan 4th, two years, sire Missie's Prince, G. H. Payne, Maryville, Mo. Sinnissippi Missie, three years, sire Imp. Red Knight, and b. c., W. S. Hart, Indianola, Iowa . . . 350  
Celia 9th, seven years, sire Proud Star, Elmendorf Farm . . . 675  
Village Beauty, eight years, sire Village Boy 9th, and b. c., Rapp Bros., St. Edwards, Neb. . . . 350  
Mina Auguston 5th, ten years, sire Maximus, and c. c., Frank King, Amboy, Ill. . . . 530  
Sinnissippi Beauty, three years, sire Whitehall Sultan, N. A. Lind. . . . 260  
Rejoice, three years, sire Choice Archer, N. P. Clarke, St. Cloud, Minn. . . 275  
Mario's Heiress 5th, two years, sire Lovat Champion, Flynn Farm Co. . . 565  
Princess Royal, eight years, sire Maximus, and c. c., Rapp Bros. . . . 425  
Pine Grove Clipper 11th, one year, sire Missie's Champion, Elmendorf Farm Lady Marr, three years, sire King Robert, H. E. Hayes, Olathe, Kan. . . Pleasant Hill Duchess, four years, sire Red Knight, and c. c., F. W. Harding . . . 925  
Village Queen, five years, sire Sittytton Fame, and c. c., Dr. Earls & Stanton . . . 355  
Hampton's Lovely, four years, sire Hampton's Best, Bellows Bros. . . . 780  
Sinnissippi Bloom, two years, sire Valley Sovereign, D. E. Hanna. . . . 275  
Sinnissippi Queen, two years, sire Ceremonious Archer, Elmendorf Farm . . . 400  
Sinnissippi Girl, two years, sire Ceremonious Archer, Frank Prather, Williamsville, Ill. . . . 655  
Lustrous Lady, six years, sire Best of Archers, and c. c., C. A. Saunders. . . Cleopatra 7th, seven years, sire British Sailor, and c. c., N. P. Clarke. . Golden Venus 5th, three years, sire Royal Robin, and b. c., F. W. Harding . . . 425  
Lady Ramsden, two years, sire Lord Banff 2d, H. H. Powell & Son, Linn Grove, Iowa . . . 305  
Goldie of Anoka, two years, sire Fancy's Choice, L. E. Suprenaut, Kankakee, Ill. . . . 595  
Gloster Lady, four years, sire Village Duke, N. P. Clarke. . . . 275  
Centennial Isabella 45th, four years, sire Scottish Victor, same. . . . 360  
Glen Brook Butterfly, three years, sire Victor Missie, D. R. Hanna. . . . 780

## MALES.

Cumberland's Last, three years, sire Cumberland, Dr. W. H. Earls & Stanton . . . 3,000  
Lavender Archer, two years, sire Ceremonious Archer, Eno Bros., Luana, Iowa . . . 525  
Gladstone, three years, sire White Hall Sultan, Rapp Bros. . . . 410

## SUMMARY.

59 females . . . \$35,060; average. . . \$ 587.65  
3 bulls . . . 3,395; average. . . 1,311.00  
62 head . . . 38,995; average. . . 629.27

## A FINE BUNCH OF FARMS.

Elsewhere will be found a list of fine productive farms in the Southwest. Most of these are in Kansas and are plainly described on page 15. Some will be exchanged for real estate in other parts. We would earnestly advise those in the market for good farm land to investigate the list. A good profitable hay business and outfit is offered in eastern Kansas. Some of these chances should appeal to the landseeker. Look over the list as advertised and if you have a desire to know more regarding any of the farms write to Mr. Frank Gee, of Lawrence, Kan., mentioning this paper, if you please.

## CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.20; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 850,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## REAL ESTATE.

HARPER COUNTY, KANSAS, where they raise winter wheat, corn, alfalfa, fine cattle and hogs every year. 320 acres sub-irrigated second bottom land, gently undulating, dark, sandy, loam soil, one year from the soil, 100 acres winter wheat, 100 acres corn, 100 acres kaffir corn now growing, 20 acres fine pasture fenced, good well and pump. 1/2 rent delivered at elevators in good town on two railroads. A great bargain at \$20 per acre; \$4,500 cash, balance three years at six percent interest. Must be sold at once. Write or see Theo. B. Marsh, Anthony, Kan.

ARE YOU looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

FOR SALE BY OWNER, ranch, 6,000 acres, all fenced, some under cultivation, house, grove, orchard, wells, windmills, springs, 85 per cent first class farm land, Wheeler Co., Texas. Four miles from Denver & Gulf railroad. Bargain price, easy terms. W. L. Welsh, Kearney, Neb.

FINE FARM NEAR CITY—73 acre farm 2 miles from city of Marinette 18,000 inhabitants. Joins farms. 50 acres cleared, fine frame house and fine barns, nice creek crosses farm, good soil. R. F. D. Excellent roads. The best of markets. Price, \$2,100.00. Elmer Grimmer, Marinette, Wisconsin.

480 ACRES in Phillips county, Kansas, a model home, must sell and go to the mountains. New house cost \$2,500, with phone and mail route. Good grazing and corn land. Good alfalfa, good water. Price \$15,000. Buy of owner, C. H. Gray, Selden, Kan.

WE sell farms anywhere in the United States. If you buy or sell through us, owner and purchaser deal direct. Write for lists and terms for selling. No commission charged. Globe Realty Co., 824 Kansas Avenue, Topeka, Kansas.

FOR SALE—120 A., seventy acres cleared and fenced with 7 wires, balance timber. Good frame house and barn, good water, telephone and free delivery, three miles to County Seat. Twenty dollars per acre. Geo. Michael, Itola, Mo.

FOR SALE—At sacrifice on account of ill health, lease and furniture of modern twelve room rooming and boarding house; good location, handy to two car lines, and close in. Address, Mrs. L. A. Kent, 1206 Locust St., Des Moines, Iowa.

FOR QUICK DEAL—220 acre farm, well located, Union County, Iowa. \$70 per acre; will take 80 acres on this at same price. Write at once for complete description and terms. J. A. Stearns Land Co., Creston, Iowa.

WRITE FOR FREE BOOKLET descriptive of eastern South Dakota farms, well improved, for sale on easy terms. Desirable settlement. Prosperous stock feeding farmers. Gold & Co., Big Stone, South Dakota.

SPECIAL BARGAIN in large tracts of Michigan land suitable for sheep or cattle ranches. Also small tracts for farms and fruit. Write for map and particulars. J. E. Merritt, Manistee, Michigan.

10,000 HOMESTEADS in Tripp County, S. D., to be given settlers by the government. For full information write Gregory County Abstract Co., Bonesteel, S. D., enclosing postage. Mention this paper.

FARMS IN SOUTHWESTERN Minnesota. A choice 166 acres fronting on a beautiful lake, good buildings, four miles from town. Write for further particulars. D. U. Weld, Windom, Minnesota.

FOR SALE—Best nearby lands around Chicago, only 7 hours' ride, \$10 per acre. Send for folder. Juneau Land Agency, 1124 1st Nat. Bank Bldg., Chicago, or Sprague, Wis. 5 acre blocks, \$100.

FOR SALE OR EXCHANGE by Owner. Sixty lots in North Des Moines, Iowa. Will sell or exchange part or all of these lots for Iowa land. Address Owner, box 6, Schley, Mo.

FOR SALE—Fine 156 acre farm; fair improvements. Adjoining Vernon, Woodson county, Kansas; might exchange for Iowa farm. R. H. Knight, owner, Spencer, Iowa.

DEEDED LANDS and homestead locations; large and small tracts. Enclose dime for maps. Agents wanted. Address W. H. Gammon, Oacoma, Lyman county, South Dakota.

BARGAIN IN COFFEY COUNTY—100 acres improved Neosho river bottom farm; 3 miles, two good towns. Price, \$30 per acre. Lane & Kent, Burlington, Kansas.

FOR SALE—Good improved 200 acre farm, park region, Minnesota, 1/2 mile from town. Price \$8,000. Further particulars address, C. A. Roberts, Perham, Minnesota.

FOR SALE—1/2 section in Lake Park region. Good improvements. Near town, church and school. Write the owner, N. D. Gleason, Clear Lake, Minnesota.

BARGAINS IN KAY COUNTY LANDS. Come to the best farming section in the southwest. For full particulars write Chas. E. Vogele, Newkirk, Oklahoma.

FOR SALE—240 acre improved farm, 1 1/2 miles from good railroad town, northeast Kansas. For particulars address H. F. Moseman, Soldier, Kan.

MISSOURI FARM LANDS. No better grain and stock land anywhere. Write for list and prices. Fulton Real Estate Agency, Fulton, Missouri.

TEXAS. If you want a home cheap, in the center of the Staked Plains, write us for full information. Hartford Land Co., Lubbock, Texas.

\$500 PER ACRE cleared annually, raising fruit in sunny Colorado. Handsome booklet free. Chamber of Commerce, Cedaredge, Colo.

SOUTH DAKOTA land for sale. 50,000 acres of choice land in central South Dakota. Address, G. T. Felland, Sioux Falls, S. D.

SPECIAL—Write for circular my Turtle Lake, Michigan, tract. Mrs. Nellie W. Merrill, Manistee, Michigan.

WANTED—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

## REAL ESTATE.

FOLI SALE—Ideal farm home, 120 acres, finely located, good soil, lies beautiful; 2-story, 8-room house; not far from Mount Vernon, Ill.; best of reasons for selling; no better bargain in country; we mean it; \$42.50 per acre; terms. Write us for description. Marshall & Staley, Mount Vernon, Ill.

FOR SALE—150 acre, improved farm, Texas county, Missouri, 700 bearing apple trees. Price, \$7.50 per acre; will sell subject to \$400.00 school fund mortgage. Lamar & Lamar, Houston, Mo.

FOR SALE—180 acres, \$12,000, Davless county, Mo. Well improved, windmill, lies well; rural route and phone. Write for description. J. H. Wise, Winston, Mo.

BUY FARM of owner, save agent's commission. 240 acres, good house and barn; fine farm in Arkansas valley, Sumner county, Kan. J. M. Parrett, Oxford, Kan.

FOLI SALE—180 acres at a bargain if taken soon. Good land. Address, Box 112, Garden City, S. Dak.

## DOGS.

RATS—My Scottish Terriers will kill them. Very fine puppies, pedigree with sale. If interested send 5c coin or stamps for circular and price, stating just what you want. S. Harr, Riverside, Iowa.

PREDIGTED SCOTCH COLLIES, two yearling males, good workers, \$25 each. Beautiful puppies males \$7, females \$5. Shipments on approval. S. Harr, Riverside, Iowa.

TWO COLLIE DOGS (August), pure bred, good workers, male \$3, female \$8. Papers with each. W. E. Graham, route 1, Norfolk, Neb.

## AGENTS WANTED.

AGENTS—Need hot seller, something new for kitchen; every woman buys on sight. Write for territory and astounding terms. Sample postpaid, 25c. McCall Clipping Cover Co., 145 W. Jackson, Chicago.

AGENTS—Sell automatic self-cleaning currying comb. Money-making opportunity for hustler. Write for introductory offer. Clean Comb Co., Dept. 10, Itasca, Wis.

AGENT WANTED in your community to represent The American Farm Library. Pleasant and profitable. Postal for particulars. Address, Searle Edgar, Neb.

GENERAL AGENTS TO SELL SUPERFINE stereoscopic views, commissions \$75 to \$300 monthly. Standard Scene Co., Kansas City, Mo.

## PATENT ATTORNEYS.

ORWIG & LANE, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

PATENTS—Terms reasonable, service prompt; information freely given. W. N. Roach, Jr., Pacific Bldg., Washington, D. C.

## HELP WANTED.

ARE YOU going to California? The land of sunshine, fruit and flowers. If you do, I have a job for you in the woods or sawmills of Humboldt county. A splendid opportunity for young men. Good wages, steady work. For full information address C. O. Dreles, 225 Dearborn St., Chicago.

## TOBACCO CURE.

TOBACCO CURE—Harmless home treatment. Cures every time. Information for 2 cent stamp. The N-Ko, Wichita, Kansas.

## POEMS.

THE RIVER BEND and other poems, The Hunsay. Sent to any address, prepaid, one dollar. Tao Hunsay, Des Moines, Iowa.

## WYANDOTTES.

SILVER LACED WYANDOTTES, exclusively. Guaranteed eggs. Circular free. John A. Johnson, Route 1, Dayton, Iowa.

## LEGHORNS.

EGGS—Single Comb Brown Leghorns, direct line descendants of Madison Square, New York, prize winners. 26, \$1.50; 100, \$4.00; 200, \$7.00. O. T. Culvert, Rock Falls, Iowa.

## RHODE ISLAND REDS.

RHODE ISLAND REDS, thirty eggs for \$1.50. G. Welser, Humboldt, Iowa.

## MISCELLANEOUS POULTRY.

WE WANT POULTRY RAISERS to sell our Roup and Cholera Cure. Guaranteed cure. No canvassing. Easy money. Sample 10c. Walker Remedy Co., Lamoni, Iowa.

## MISCELLANEOUS.

BLUECHEL'S COMPLETE BUGGY RENEW. Makes your old vehicles look like new, by our simple process of applying the renewer yourself. Nothing like it on the market. Will keep its luster for years and will not peel off. Complete outfit, including top dressing, brushes and instructions, prepaid by express, for five dollars. (Top dressing only one dollar.) Cash with order. Mention color, red, black, or Brewster green. Prepared only by Meister & Blunel, Wayne, Nebraska.

I WANT TO SEND a sample of our New Patent Steel Tongue into every township. Lighter and stronger than wood, will not break or rot, lasts a life time. When one wagon wears out put it in another. Fits any wagon. C. D. Williams, Elmora, Minn.

MEDICATED Charcoal, a positive and guaranteed cure for cholera and all forms of bowel complaint in poultry. For particulars address, Tishenbanner Co., Gilmore City, Iowa.

WANTED—Stock hardware up to \$1,000, or stock general merchandise of same value in exchange for cash and income property. J. B. Comstock, Lucas, Iowa.

**KRESO DIP**

**"KRESO" KILLS ALL KINDS OF LICE.**

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## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

## LAW QUESTIONS CONSIDERED.

## DISTURBING RELIGIOUS MEETING.

A Subscriber, Hartington, Neb.—If persons engage in boisterous conduct for the purpose of disturbing a religious meeting, are they liable to criminal prosecution, and what is the penalty?

Answer.—Such persons are liable to criminal prosecution and may be fined in any sum not exceeding \$20, for such conduct.

## OBSTRUCTIONS—ROAD OVERSEER.

Mr. B. C. Wineland, Cabool, Mo.—There is a public road in this vicinity that is on a section line, and has been a road and used as such for at least forty years. A man owning adjacent land has closed up a quarter of a mile of this road. (1) Had he a lawful right to do so? (2) How soon can he be compelled to open said road?

Answer.—(1) The man had no right to close any part of the road. (2) That depends upon the overseer of roads in the district. It is his duty to remove all obstructions in a public road. Apply to him for relief.

## INNOCENT PURCHASER.

A Missouri Subscriber.—I own seventy acres of land. The railroad cuts off a small corner in the southwest part of it as shown by diagram. A's land adjoins mine on the north. My abstract of title calls for all the land east of the railroad in a certain tract, containing seventy acres more or less.

A does not live on his land, and the railroad company allows him to go to and from it over its right of way. A former owner of my land told me that when he owned it, he deeded a strip along the west side, sixteen feet wide, to A for a passway. A does not use this strip because the railroad company allows him to go over its land, but he claims the strip. There is nothing on record showing that he owns the strip. Can he hold it by law?

Answer.—He cannot hold the strip, there being nothing on record to show that he owned it when you bought your land. You are an innocent purchaser without notice and entitled to all the

land described in your deed, including the strip.

## SCHOOL AND ROAD LAWS.

Mr. W. R. McCoy, Foxboro, Wis.—Where can I get the school laws, and the road laws of Wisconsin.

Answer.—Write to the secretary of state or the superintendent of public property at Madison, Wisconsin.

## AGE FOR MARRIAGE.

A Subscriber, Henderson, Ill.—How old must a boy be in order to get married in Illinois, provided his parents are willing? (2) Answer the same question for Missouri?

Answer.—(1) In Illinois eighteen years. (2) In Missouri the state does not specify the age, except to provide that a male under the age of twenty-one and a female under the age of eighteen years, must have the consent of parent or guardian.

## PARTITION LINE—ROAD.

An Iowa Subscriber.—(1) S and R join fences. S has his forty acres surveyed out of a section. Can S compel R to move his fence without having the whole section surveyed? (2) A road has been kept up and used for hauling wood by R, B and M for forty years. They have no way to get to their timber land except by this road. Can it be lawfully closed by S?

Answer.—(1) Both questions are vague and dim and hardly intelligible. As to the first, S cannot compel R or any one else to move a partition fence, unless it is in the wrong place, and then only by means of a lawsuit, if the owner of the fence is stubborn. (2) Not unless he owns the land over which the road runs, and then he cannot if R, B and M have claimed the right to use, and have used it for forty years.

## HOW THINGS ARE ASSESSED.

A Subscriber, Pella, Iowa.—(1) Are automobiles taxable in Iowa? (2) Is a shop which is used for experimental work and inventions taxable? (3) If an assessor assesses one man's property higher than the property of another, is there any redress? (4) If an assessor assesses property of a man, and neglects to assess property of the same kind owned by another man, what is the penalty? (5) If an assessor is prejudiced against a taxpayer, how is he to get a just assessment? (6) Give a list of property that is not taxable. (7) How is a machine shop assessed? (8) Is all taxable property to be put on the assessment roll?

Answer.—(1) They are. (2) It is. (3) Complain to the board of review. (4) Complain to the board of review. (5) Complain to the board of review. (6) To publish a list of property exempt from taxation would require more space than can be spared for that purpose. See Section 1304, Supplement to the Iowa code, page 115. (7) Like any other personal property, at its value. (8) It is.

## PARENTS AND CHILDREN.

A Kansas Subscriber.—A and B were husband and wife. A the husband had money. B, the wife bought a small farm, and had it deeded to her in her own name. They had a son who is still living. A died without a will. B sold the farm and executed a deed to the purchaser without the signature of the son. (1) Is the deed good? (2) Has the son any interest in the land?

Answer.—(1) The deed is good. (2) A had no interest whatever in the land at the time of his death, the title being entirely in B, the wife. After A's death she sold the land which she had a perfect right to do. The son had no interest in it while his mother lived. If she had died without a will the son would have become the owner of the land, as the heir of his mother, but while she lived the land was entirely hers to do what she liked with it. She could even have made a will giving it to a stranger and cutting off her own son without a penny.

## ADMINISTRATION OF ESTATE.

A Nebraska Subscriber.—A and B were husband and wife. A owned 240 acres of land in Nebraska and considerable personal property such as cattle, horses and other property. Some time ago A died owning this property. He left four sons, three of whom are of age, one being a minor, but he will soon be of age. There has been no probate of the estate of A. Three of the sons are content to let the estate go without probating, but one of the sons got married, and he has taken possession of cattle, horses and other personal property of the estate. (1) What share of the real and personal property is A's widow entitled to by the laws of Nebraska? (2) What steps should be taken about the matter to protect the rights of all concerned?

Answer.—(1) The widow is entitled to dower in the land, that is one-third part of it, for her lifetime. Then she is entitled to all the wearing apparel and ornaments and household furniture, and all other personal property that was exempt from execution in the hands of her husband as head of the family, and to additional personal property of the value of \$200, and to necessary support for one year. (2) There is only one way, and that is to have an adminis-

## Sacrifices His Farm.



## 480 ACRE STOCK AND GRAIN FARM, \$45 PER ACRE, MONT-CALM COUNTY, MICHIGAN.

BUILDINGS worth \$10,000, insured for \$8,000. Corn and clover soil. Fine home. This land is adapted to the raising of corn, oats, wheat, rye, timothy, clover, peas, beans, potatoes and all the great variety grown in the southern half of Michigan. The markets are unexcelled. The winter climate is mild and summers delightful. Price of farm \$45 per acre. Terms about \$7,000 down and 10 years on the balance if desired, with privilege of making partial payments of \$100 or more at any time or all at any time. Interest 6 per cent. If the size should be too large we can cut it down to 380 or 240, or if more land is desired we can add enough to bring it up to 620 for \$42 per acre.

S. V. R. HAYES, 53 IONIA ST., GRAND RAPIDS, MICH.

trator appointed by the probate court for A's estate just as soon as it can be done.

## MORTGAGED PROPERTY.

A Subscriber, Avoca, Iowa.—I bought two small colts from my neighbor for \$50. He said that there was no mortgage on them. I did not pay for them at the time, but took them and kept them all winter, and then found that three different parties held mortgages on my neighbor's property, and took all he had. Can they take the colts from me?

Answer.—If the colts were described in the mortgage and the debts so secured were not paid, the parties holding the mortgage can take the colts.

## BANKRUPTCY—EXEMPTIONS.

A Subscriber, Redfield, Iowa.—A deeded part of his land to his wife, and then took advantage of the bankrupt law. (1) Can he hold any of his land? (2) Can his creditors take his wife's property to satisfy their claims against him?

Answer.—(1) He is entitled to hold exempt the homestead and all other property which the law of Iowa exempts from execution and attachment, in the hands of the head of a family. (3) They cannot.

## DAMAGE BY FOWLS.

Mr. R. F. Dowd, Ferris, Ill.—A and B own adjoining farms. A's house and other buildings are situated near the division line, close to B's fields. A's chickens and ducks trespass upon B's fields and get their living there. The partition fence belongs to A. Can B compel A to make his fence chicken tight?

Answer.—He cannot, but it is the legal duty of A to keep his chickens and ducks off B's premises, and if he fails to do so B can sue him and recover damages from him.

## LIFE ESTATE—PENSION.

A Subscriber, Waucoma, Iowa.—(1) A husband and wife lived in Wisconsin. The husband died giving his wife by will the use of his property during her lifetime. The property consists of town property and real estate. The rents of the property are insufficient to support the widow and pay the taxes. Can she sell any of it to get money for her support? (2) A soldier's widow who was drawing a pension, got married, and her pension ceased. Her second husband was not a soldier. He died. Can she have the pension renewed? (3) Can women vote at school elections in Iowa?

Answer.—(1) She can sell only her interest in the property, which is a life estate. (2) She cannot. (3) They can.

## TWO SETS OF CHILDREN.

A Subscriber, Marcelline, Mo.—(1) A man has children living, born of his first wife, and also children by his second wife. In case he should die without making a will, would there be any difference between the two sets of children as to the distribution of his estate? (2) Suppose that either or both of the wives had property, how would it be divided among the children?

Answer.—(1) No difference whatever. All the children are heirs of their father in an equal degree without regard to which wife bore them. (2) The property belonging to each wife would go to her own children as heirs upon her death, if she made no will. The children of one wife could not inherit property owned by the other wife.

## ADJOINING FARMS—DRAINAGE.

A Subscriber, Mt. Vernon, Iowa.—A and B own adjoining farms. A's farm being on lower ground than B's farm. A's land has been tiled for a number of years. A public road runs between the two farms. B has just tiled his land, ending at the road and discharging his drainage water there. A offered to allow B to connect tiles with him, and even to make the connection at the middle of the road, but B refused to make such connection. There is a small ditch through A's land, but it could be closed if the tiles were connected. Can A lawfully

prevent B from discharging his drainage water at the public road, whence it runs through A's land?

Answer.—If the point where B outlets his drainage is a natural depression whereby the water is carried into a natural water course, then A cannot prevent B from outletting his tile drainage on his own land at the road, or on B's side of the road, but if there be no such natural depression, A can prevent such outlet by injunction and recover damages from B.

## DISEASED CATTLE—SALE.

A Subscriber, Greene County, Iowa.—In January, 1907, I bought some cattle at a public sale. There was nothing said at the time as to whether or not the cattle were all right. As a matter of fact the cattle had the Texas itch at the time, but I did not know it, and turned them in with my other cattle, and my entire herd has contracted the disease. Can I recover damages from the man who sold the cattle to me?

Answer.—We think not. You had the right when the purchase was made to require the seller to warranty the cattle to be sound, or to represent them to be sound and free from disease. He did neither. You had also an opportunity to inspect the cattle. The general rule of law is that where neither representation nor warranty is made by the seller and the buyer has an opportunity to inspect the property, the purchaser buys at his own risk.

## SCHOOL DISTRICTS—BOUNDARIES.

A Subscriber, Pilot Mound, Iowa.—A town has been incorporated for years, with one section as school district. Can territory be added to it from another district against the wishes of persons living within said territory, and also against the wishes of the residents of said district?

Answer.—Section 2791 of the code of Iowa provides that where, by reason of natural obstacles, any portion of the inhabitants of a district cannot readily attend school in their own district, the county superintendent may attach such part to another district. And Section 2793 provides that the boundaries of school districts may be changed by the concurrent action of the boards of directors, who represent such districts. The matter of adding territory and also the matter of changing boundaries are not subject to the votes of the people directly.

## WILL—STEP-CHILDREN.

A Subscriber, Prairie View, Kan.—A married a widow who had three children, and three children were born of this marriage. (1) If A should die without making a will, would his step-children be entitled to any of his property under the laws of Kansas? (2) These people live in Kansas. In case A should die leaving a will by which he gave all his property to his own children, wholly ignoring his step-children, would the will be valid? (3) If a will be made out by a private person, and the seal of a notary is obtained afterwards, is the will valid?

Answer.—(1) The step-children would not be entitled to any of his property. A has a perfect legal right to make a will wholly ignoring his step-children. (2) The will would not be valid. This is true, not because the testator ignores his step-children by so doing, but because he ignores his wife. By the law of Kansas, he cannot will more than half his property to legatees other than his wife. She is entitled to one-half by law. (3) Neither a notary's seal nor any other kind of a seal is necessary to a will. A private person can prepare a will if he knows how, just as well as a lawyer or a notary public.

**Direct from the Mills to You**

**BEACON-ITE**  
LONG LIFE ROOFING

**We Pay the Freight**

When you buy roofing you expect it to last, don't you? You don't want to be incessantly patching little leaks after every rain. Isn't this just what you are doing now? You have had some experience with tin and shingle roofing. Are you satisfied with their lasting qualities? BEACON-ITE is a long wool fibre thoroughly saturated with a secret preparation that makes it absolutely water-tight.

It will not rot or rust. By buying direct from the mills and putting it on yourself (we furnish all necessary nails and cement free), Beacon-ite is the most inexpensive roofing you can buy. If you want a roofing that will last and need no patching, write to-day for FREE samples of BEACON-ITE.

BEACON-ITE MILLS, Dept. 4, St. Louis.



## Gem City Business College

QUINCY, ILL.

Annual attendance 1400.

20 teachers. Students from majority of states. Occupies its own \$100,000 specially designed and equipped building.

Good Positions await our graduates. Thorough courses in Short-hand, Typewriting, Bookkeeping, Actual Business Practice, Penmanship and Mathematics. Write for our beautiful illustrated catalogue giving full information free.

D. L. MUSSELMAN, President

Lock Box 105 Quincy, Illinois



## ADVERTISING NOTES.

## WHERE LARGE PROFITS GROW.

Investments in Colorado lands return large profits when made under the advice of reputable real estate firms. The Campbell system of dry farming is producing great changes in the methods and results of farming. Many nice farms are advertised on page 15 by the Home Investment Company, 604 Mack Bldg., Denver, Colo. For much valuable information on investment opportunities write, mentioning The Homestead.

## PREPARATION FOR WINTER WHEAT.

In many parts of the country the wheat harvest is starting. It is not too soon to prepare for the next crop. The secret of a good stand is a reliable drill. A bumper crop cannot be grown unless it is in the ground properly. An independent factory advertises grain drills on page 16. See what they have to say to you on wheat growing. Circulars describing their drill will be mailed on request. Address Peoria Drill and Seeder Company, 258 N. Perry St., Peoria, Ill.

## HINTS ON FARM DRAINAGE.

This is the title of a book published by the Pella Drain Tile Company. It is an education to anyone who reads it, for it is full of useful facts and figures. The Pella Drain Tile Company have done business in the state for twenty-two years and their product always gives universal satisfaction. If you are interested in farm drainage you will do well to write the Pella Drain Tile Company, at Pella, Iowa, for their booklet. See their advertisement on page 17 of this issue.

## SPRING TONIC.

Liquid extract of malt is practically a liquid food. It is made from choice malted grains and the juice of hops. Practically all the starch of the grain is converted into solution which has proved a valuable food for many people. The tonic effects of a good malt beverage are mild and have a most desirable effect on tired stomachs. A wine glass of malt before meals has a very beneficial effect on the digestion. Try it and see for yourself. The T. M. Roberts Co-operative Supply Company, Dept. F. W. 77, Minneapolis, Minn., are selling this tonic in large amounts. See page 13.

## TO PILE SUFFERERS.

On this page appears the advertisement of the Phelps Chemical Company, in which they advertise their "Yellow Pile Cure." We can assure our readers that this is a very worthy and efficient remedy. The relief is complete and rapid and will be so gratifying to you that you will be glad to tell your fellow sufferers. The Phelps Chemical Company will send you a dollar treatment free if you will send enough stamps to pay postage. If it cures you, you may remit the dollar; if it does not cure you, you need not remit. Write the Phelps Chemical Company, Lynnville, Iowa, for the free treatment advertised in The Homestead.

## ABSORBINE FOR LAME, BLEMIISHED HORSES.

Mr. L. A. Osborn, of Jacksontown, Ohio, writes under date of March 26, 1907: "My horse had a collar bruise and I had it lanced. A neighbor told me I had ruined my mare by lancing it, as the muscle in healing would become thick, and would always become sore when worked with a collar. I doctored the shoulder carefully, according to doctor's orders, but found as my neighbor said, the sore in healing was leaving a lump. I read about Absorbine and concluded to try it. Today that shoulder is as smooth as the other one, and I am sure that the bottle that I used was worth \$25 to me. I also had a yearling colt which strained one of its hind legs. It became lame and a bog spavin formed; used Absorbine and it seems to be all right at present." Many customers write of the satisfactory results Ab-

sorbine gives in removing blemishes; curing lameness, etc. You try a bottle. Price \$2.00 at druggists or delivered. Mfg'd by W. F. Young, P. D. F., 40 Monmouth St., Springfield, Mass. See advertisement on page 11.

## IOWA'S OLDEST TILE FACTORY.

Messrs. Raney Bros., of Fairfield, Iowa, are the proud owners of a tile factory at that place that has been in operation over thirty years. The product turned out by them is of such a high class that the business has grown to such an extent that now they are putting out from 130 to 150 car loads of tile, aside from their local business, each year. Their tile are hard burned, smooth, square cut and first class in every respect. Their prices are very reasonable and will be gladly quoted to you on application. They make tile in all sizes from three to twelve inches and guarantee satisfaction. Address Messrs. Raney Bros., Fairfield, Iowa, for prices. Their advertisement appears on page 17 of this issue of The Homestead.

## RICE BROS. OFFER BARGAINS IN GATES.

Messrs. Rice Bros., of Harvard, Neb., are offering some bargains in the gate line that should be looked up by every farmer in the land. This gate is one of the most simple to operate and most durable that has ever been put upon the market by any gate company. It is made entirely of the best steel, can be hung on any gate post and can be easily operated from wagon or carriage. They also make any model of steel yard fencing which can be bought so cheap that you can not afford to be without it. They have two kinds of gates, the swinging and the tilt gate. It is made any size and sells at \$10 per foot will be added. They have just finished their new illustrated catalog, which they will gladly send to anyone requesting the same. When writing please mention this paper.

## HOT WEATHER HARD ON HOGS.

Unless hogs have plenty of water in hot weather they suffer much. This condition precludes profitable growth or well-doing. Insure the herd a plentiful supply of water at all times by putting in a Hawkeye Automatic Hog Waterer. This waterer is made at Newton, Iowa, and has gained much in popularity throughout the corn belt. It is now in use on many of the best hog ranches in the country. Colleges also highly recommend it. It is made substantial in all parts and has a valve guaranteed for five years. This is one of the most important points, and is where the Hawkeye waterer differs from others. A booklet explaining all about it will be mailed to any address free. Write for it and prepare to keep your herd of swine in healthy, comfortable condition this summer. Address Parsons Hawkeye Manufacturing Company, Newton, Iowa, and kindly mention The Homestead. See page 16 for illustration of the waterer.

## A PRACTICAL BUSINESS COLLEGE.

The Gem City Business College has been in successful operation under the same principalship for more than a third of a century. It owns and occupies its own \$100,000 college building; has a faculty of twenty teachers; a most thorough course of instruction in shorthand, bookkeeping, business practice, banking, mathematics, etc., with an annual enrolment of 1,200 to 1,400 students and it is now the leading commercial school in America. The school is well and favorably known throughout the western half of the United States; in fact, they have applications for their graduates from every section of the union. As many as nine graduates have been placed in one bank in St. Louis in the past year, and twelve more have secured employment in the National Bank of Commerce of Kansas City, Mo., within the past twelve months. The school has been in operation so many years that it is not difficult to place its graduates. With such a record behind an institution of this kind no young man need fear for his future success if he has the right stuff in him. Those expecting to take courses of this kind in the near future should write for the Gem City Business College catalog which explains all about the course and the college requirements. Address D. L. Musselman, president, Lock Box 105, Quincy, Ill. See page 8.

## HOW TO SAVE FIRE INSURANCE.

As is well known, fire insurance companies hesitate in insuring buildings of faulty construction. Naturally, there is more danger of loss in buildings that are constructed with inflammable material than those where the material used is more or less of a protective nature against fire. For this reason "No-Tar" Roofing has become very popular with builders. All structures on which "No-Tar" is used as roofing are now insured for 25 per cent less premium than where shingles or inflammable kinds of roofing are used.

Besides being fire proof, "No-Tar" roofing defies all the wearing elements of time and nature. It has a surface which is as hard as flint, yet it is so pliable as to be proof against cracking. Besides all this, it stands up well under the hot weather and is guaranteed not to "run" under the hottest of skies. The appearance of "No-Tar" roofing rather adds to the beauty of a building, and it is now frequently used on houses in preference to tin or shingles. If you are interested in making a test of "No-Tar" to prove all the good things which we have stated, write for free samples to the manufacturers and they will supply you with the same and also ten ways to test it. This is certainly a straightforward offer and may be of great value to you in selecting a good roofing material for buildings which you may erect in the near future. We would advise you to make the test. For the materials to do this with, address The Ileppe Company, 2483 Fillmore St., Chicago, Ill. See page 4.

## YOU WILL PROSPER IN ALBERTA.

What other men have accomplished you may accomplish. Every day men are building homes and making comfortable provisions for life in sunny southern Alberta. It is the land where large profits are possible. It offers the opportunity for securing a valuable farm home to rich and poor alike. There are hundreds and thousands of farmers on high-priced land who could make no better move than to locate in Alberta, Canada. The finest kind of people are now taking up their abode on the virgin soils of this region, and before many years will be enjoying all the blessing of the most advantageously situated region in any part of the farm lands of the country. You can't help but prosper in Alberta if you are willing to work as other men are working; in fact, the opportunities for enjoying life will be increased in many cases since it is possible to purchase farms without taking on the burden of a mortgage. Sunny southern Alberta is a country noted for its lack of mortgage farms. With all the advantages which it possesses it is certain that the price of farms in this region will advance rapidly. The time to investigate the country and its crops is now. The Canadian government offers many inducements to the settler. This is a valuable consideration indeed and is only one of the many to attract the land seekers to this region. We would invite our readers to post themselves better on the possibilities for taking up homes in Alberta. To this end they should write for the literature offered by the Canadian Pacific Irrigation Colonization Company, Ltd., 71 Ninth Ave., West, Calgary, Alberta, Can. On page 3 is the advertisement.

## USE REASON IN BUYING PAINT.

There is nothing mysterious about mixing paint. With a little practice anyone of ordinary intelligence can do it. No heavy mixing machinery or the aid of a chemist is necessary if the paint is pure. The mystery begins when substitutes for pure lead and linseed oil are introduced. A chemist is very necessary when water and benzine must take the place of pure oil and turpentine or when whitening and silica masquerade as pure white lead. The base of all good paint is pure white lead. There is no successful substitute for it, though imitation and adulteration are often attempted and practiced, for no other purpose than to swell the profits of the manufacturer. The best-known white lead, one that is known to be absolutely free from any adulteration whatever, is the Carter strictly pure white lead, more of which is used than any other brand in the world. Given Carter strictly pure white lead and pure linseed oil any competent painter can do the mixing, and will invariably produce a perfect paint, better adapted to the work in hand than could possibly be found in ready-mixed form. Carter strictly pure white lead is made by a peculiar process that produces every atom paint. It is finely ground by heavy machinery—so very finely ground that it is guaranteed to cover 25 per cent more surface than any other paint. It wears long and evenly, and never cracks, scales or fades. By its use, the paint buyer not only avoids the possibility of adulteration, but actually saves on the cost of the paint. Everyone who intends to paint, or who owns a building, should write the Carter White Lead Company, Department D, Chicago, Ill., for their new book, "Pure Paint." It gives valuable information on the selection and use of paint, and the detection of adulterations. It shows six beautiful color schemes, and is sent free. Write today.

## SPECIALISTS WITH CHARACTER AND ABILITY.

Drs. J. T. and R. F. Fellows, organizers and owners of the Drs. Fellows and Fellows Company, Rollins Block, Des Moines, Iowa, make a specialty of men's diseases. In this

## A HOME REMEDY

Endorsed by Leading Druggists as Excellent for Stomach Troubles.

The Manager for a prescription drug store in Chicago, a store that fills more prescriptions than any other drug store in the country, says, that the following prescription is positively the best that they ever filled for stomach trouble.

Compound Tincture of Cinchona, one ounce; Prosepe Compound, one ounce, and Sherry Wine, half a pint; mix and take in teaspoonful doses before each meal and at bed time in a wine glass of water.

He states that it is the Prosepe Compound that does the work. This preparation supplies the stomach with Pancreateic Juice, and this is what digests what you eat, and with the help of the greatest vegetable tonics known to science the results are marvelous.

Any druggist can fill this simple prescription.

## MONEY WITH BEES

KRETCHMER, from his 45 years' practical experience, can tell you how. Write for his Hints to Beginners, and his illustrated catalog. It is FREE for the asking; it describes the BEST, practical, up-to-date goods, required to make MONEY with BEES.

KRETCHMER MFG. COMPANY  
COUNCIL BLUFFS, : : IOWA

## WANTED

A GOOD industrious farm hand. Steady employment and good wages. No bunnies need apply. Address  
U. G. Davidson, : : : Manson, Ia.

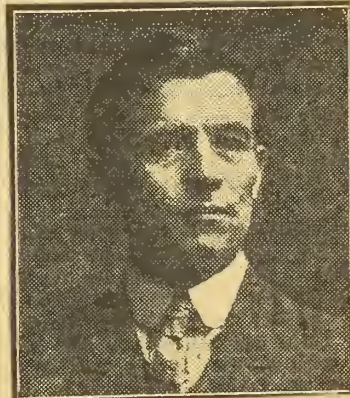
## The Jewell Nursery Co.

(Box 16,) Lake City, Minnesota  
Capital \$500,000.00, 1200 acres. Largest Nursery in Northwest. Established 1883. Hardy seeds, trees and plants. Agents wanted—Good pay.

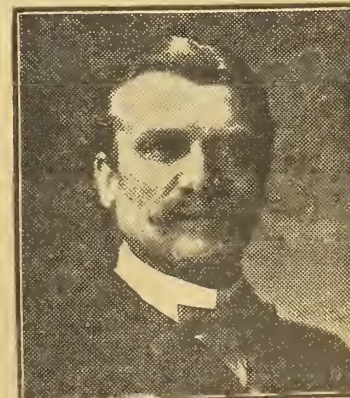
## PILES CURED OR NO PAY

WE trust to your HONESTY and GRATITUDE to pay us after you have used our great discovery that has cured thousands. DON'T SUFFER, but enclose three two cent stamps, postage, for our \$1 treatment. Phelps Chemical Co., Lynnville, Ia.

special branch of medicine they have had wonderful success. Their reputation for cures and for honesty and fair dealing extends all over Iowa and the middle West. Any of the readers of this paper who are sick or ailing from any diseases peculiar to the male sex can write to or personally



consult this pair of specialists with perfect safety and with the assurance that their case will be handled intelligently and a cure performed in every case where a cure is promised. If they cannot cure you they will tell you so. If they can benefit you, but not cure, they will be just as frank. During the twenty years that they have been practicing in Des Moines and the number of years they have been steady advertisers in this paper we have never heard of one instance where they failed to keep their promise and deliver the results that would sat-



isfy their patients. In conclusion we might add that their system of treating diseases of men is, as far as our knowledge goes, entirely different from that employed by any other specialists and any of our readers desiring the truth about their condition should write to these specialists as per address below. They will send, on receipt of your name and address, free of charge in plain wrapper, a handsome book which tells the absolute truth and many important facts about men's diseases. Write for it today. Address Drs. Fellows & Fellows Co., 323 Rollins Block, Des Moines, Iowa.

## Mica Axle Grease

Best lubricant for axles in the world—long wearing and very adhesive.

Makes a heavy load draw like a light one. Saves half the wear on wagon and team, and increases the earning capacity of your outfit.

Ask your dealer for Mica Axle Grease.

STANDARD  
OIL CO.  
Incorporated



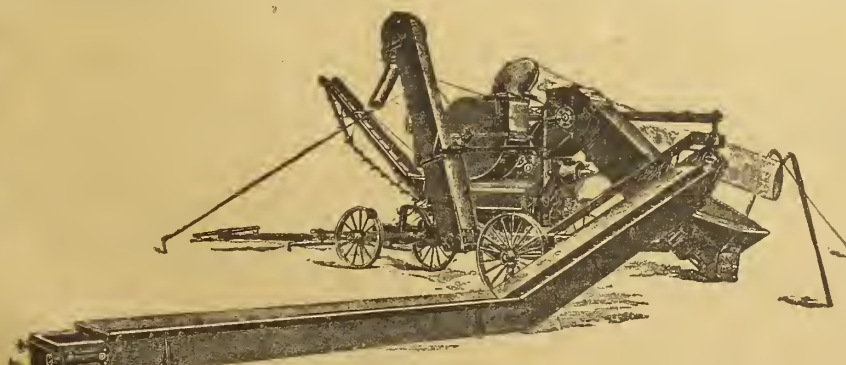
## FREE BOOK For Men

WRITE FOR IT TO DAY

We have just published new book of 76 pages which tells about Men's Diseases, such as Blood Poison, Nerve Weakness, Verrucae, Hydrocele, Kidney and Bladder Troubles, Etc., and how any of these diseases can be cured quickly and permanently by our simple and inexpensive new method.

Send your name and address today for free book. We will send it in plain sealed wrapper. It contains valuable information for every man.

DRS. FELLOWS & FELLOWS CO.,  
323 Rollins Bldg., Des Moines, Iowa.



So much interest is being shown in the Ottawa Dustless Cylinder Corn Sheller that we take it that our readers will be very much interested in the accompanying illustration, which is an exact reproduction of this sheller. It is probably one of the simplest machines of this kind ever manufactured. Belts and gears are few and far between and strength and durability are aimed at in the construction of shafts, cogs, elevators, and in fact every part throughout. In operation the sheller does not crush the cobs, but leaves them comparatively whole, which makes them much nicer to handle. Wet, dry, dirty or rotten corn is shelled with the same thoroughness. Popcorn is also shelled perfectly, which is a valuable feature. To these merits already described is added the dustless feature which can be appreciated only by those who are experienced shellers. We refer our readers to the advertisement on page 3, and for further particulars address Kling & Hamilton Co., Ottawa, Ill. Kindly mention The Homestead in your inquiry.



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## Poor Hatches.

To the Editor of The Homestead:

A Lacona, Iowa, subscriber sends the following communication:

I bought two incubators some time ago and set 429 eggs in the two. I kept the heat as near 103 degrees for the first two weeks as I could and the last week from 104 to 105. On the sixteenth day they tested 288 eggs, and only seventy live chicks were hatched from the 429 eggs. The eggs started to hatch on Monday, and I did not get them off until Friday morning. The chicks seemed to dry fast to the lining of the shell and could not get out. This is my first experience with incubators, and I do not know what the trouble was. I set the incubators in the summer kitchen. I would very much like some light on the situation.

This is indeed a discouraging experience. There are several different causes which might contribute to such a result. The parent stock from which the eggs were gotten might have been lacking in vitality, which would cause weak germs in the eggs. The very poor test points in this direction. Incubator experts will tell you that when eggs test poorly, they seldom have a good hatch. The long drawn out hatching would result from eggs that were too old, as well as weak germs. With the amount of heat kept up in this instance, it could not have been because of too low a temperature. Since a certain number of heat units are required to complete a normal hatch, it stands to reason that when they have been supplied in normal fashion, the chicks, if healthy and vigorous, should be hatched on time.

The chicks dying in the shell would indicate lack of moisture. "Subscriber" did not say whether the incubators were hot air or hot water. Hot air machines are more apt to require applied moisture than hot water machines. Much can be told during the progress of the hatch from the size of the air cell. If it grows large too early during the twenty-one days, it indicates that moisture is being removed too rapidly. Your incubator instruction book doubtless tells you of the proper size of the air cell at different stages of incubation. Should the air cell seem too large the last week, introduce a sponge moistened with hot water beneath the tray. It may be that your machines (if hot air) have moisture pans. If so, these are the appliances to use.

The moist air of a clean, well ventilated cellar is the best for successful hatches. There should be no direct drafts on the machine, nor direct sunlight. If our correspondent looks well after these various points, and secures eggs with strong vitality, and as fresh as possible, better results will be apt to reward labor. Discouragement is a poor asset. Keep on trying till success comes. Mrs. S. B. Titterington.

## Liver Trouble.

To the Editor of The Homestead:

The following communication has been received from a subscriber, Rufus Stefan:

I am losing my chickens in a strange way and desire some help from you. Their in-

testines are filled with fermented water, the gall is uncommonly large and dark and on some the liver is dark, the crops being almost always empty. Some are sick only a few minutes, others a day or so. I just lost ninety-two chicks that hatched in an incubator ten days ago. They started to die when twenty-four hours old, so the trouble was not in the feeding, as I do not feed them until from twenty-four to thirty-six hours old. Some live to be five or six weeks old. They seem to be worse on cold, damp, cloudy days, even though I keep them shut up in the hen house and have a fire. Some of the chicks had five to six white spots on the liver and the gall just runs over. They look well on a nice, bright day, but if it is cold and damp they die off fast. This batch of ninety-two that died puzzled me greatly, as they were never exposed to the cold at all. It surely is not the food, for I feed different flocks in different ways. I feed oatmeal in the morning, wheat once a day and so on. I feed four times a day—six in the morning, at ten, at two and six o'clock in the evening. I am wondering if this is contagious.

These hens evidently have some form of liver disease. Such a condition does not come in a day or a week, but requires months for its development. When it reaches the stage described, treatment is of little avail.

The cause lies far back—possibly in winter housing, feed and other things. Too steady a corn or grain diet with lack of grit and green food would be apt to result in some such way. Lack of exercise and fresh air, unsanitary surroundings would also help on the disease. Other symptoms are loss of appetite, sluggishness, and a yellowish color in the face. If treatment is undertaken, let it be one-grain pill of calomel one day, one-eighth teaspoonful of Epsom salts the next. Let the food be light, nourishing and unstimulating.

From the symptoms, it looks as if the chickens had inherited the liver trouble. There are three diseases which make a hen forever unfit for a breeder—cholera, (the genuine article), roup, and liver trouble. The chicks from hens having had these diseases will have weak constitution and a predisposition to the disease, even if the parents seem entirely cured. It is not probable that these chicks would many of them have lived to maturity, even under the most favorable conditions. The cold and dampness aggravated the inherited trouble. It is of little use to incubate the eggs laid by these diseased hens.

Liver disease is not usually contagious, but the conditions that cause it in one member of a flock, will be likely to cause it in others. We see no chance for success for our correspondent but to start anew with healthy stock, and guard against the wrong conditions that brought about this present trouble.

A Reader.

## September Hatched Chicks.

To the Editor of The Homestead:

The regular hatching season is approaching its close. In many incubators the lamps are put out, and hatching operations suspended for the present. As the summer heat waxes warmer, the sitting hens are released to seek comfortable nooks in the shade of the trees, and the chief attention is given to the growing chicks.

Much is being said nowadays of the advantages of late hatching. Especially are we urged to try September chicks. A prominent and successful poultryman said in one of the recent issues of a leading poultry journal that he preferred a September to a July chick. While the weather may be quite

## PLYMOUTH ROCKS.

**SOME FINE** Cockerels at \$1.50 each up to \$2.50 each. Twenty years breeder Barred Rocks. Exhibition birds and heavy layers have won their share of the prizes wherever shown. Four grand yards mated, 3 for chicks, 1 for pullets. Eggs, \$2 to \$3 for 15. Mrs. Eva E. Girard, R. F. D. 2, Schleswig, Ia.

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, - Portsmouth, Ia.

**BARRED** Plymouth Rocks exclusively, Bradley and Russell strains, are large bone, well barred to the skin, extra heavy weight. Hens from cockerels that won 1st at State Fair, and cockerels scoring 91 to 91½ points. 15 for \$1.00; 30 for \$1.75; 45 for \$2.50; 100 eggs for \$4.50. Guarantee reasonable hatch. Address, Geo. Bonewell, Grinnell, Iowa.

**B. P. ROCK EGGS** From extra large boned stock, nicely marked with that narrow straight barring to the skin. Yards headed by cks. and chks. weighing 11 to 13 lbs.; scoring 91 to 93, are 1st prize winners, bred by state show prize winners; females 7 to 11 lbs. Reduced prices, \$1 per 15 eggs; \$1.50 per 30. Eggs guaranteed fertile. J. W. Wagner, Monroe, Ia.

## Barred Plymouth Rock Eggs For Sale

**BRADLEY BROS.**, the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

**BARRED P. ROCK** Eggs for hatching from stock scoring 90 to 92½, 75c per 15, \$1.25 per 30; pen \$2.00. C. G. Good, Ogden, Ia.

**EGGS** FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa.

**BUFF** P. Rocks exclusively. Eggs for hatching, guaranteed fertile, at \$1 per sitting or \$5 per 100. Address, O. N. Woody, R. 3, Newton, Iowa.

**BARRED** Plymouth Rocks exclusively. Large, thrifty birds. Eggs, eighteen for 60c; 36 for \$1.00; 100 for \$2.65. J. M. Reeder, Earlville, Iowa.

**BARRED ROCK** EGGS, 15 eggs, \$1.50, \$2, 100, \$2.50. Blue Barred Ringlet strain with scores to 92. Henry Schlatter & Sons, Lawler, Iowa.

**BARRED** Plymouth Rock eggs of Bradley and Thompson strains, \$1.00 per 15 or \$3.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

## BRAHMAS.

**OTTUMWA** Poultry Yards—Light Brahma eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

**LIGHT BRAHMAS** Eggs at 50c a sitting. \$1.75 for 50 and \$3.00 per hundred. Address: Mrs. J. M. Dries, Ashton, Ia.

## RHODE ISLAND REDS.

**RHODE ISLAND REDS.** CHICKS from standard S. C. Rhode Island Reds \$3 per doz. Mrs. F. W. McIntyre, Red Oak, Iowa.

## DOGS.

## DOGS FOR SALE

**AND ALL** kinds of pet and live stock. Send 10 cents for sixty-page descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, - Pa.

**FOX TERRIERS.** Pups from registered parents, excellent workers on all kinds of vermin. Will guarantee pups to make good ratlers. Males \$10, females \$7.50. C. H. Drake, Hazelton, Iowa.

warm during the early days of that month, the sultriness soon gives way to delightful autumn temperature and a long stretch of fine weather gives the chick a chance for good growth and development before winter. These chicks, it is claimed, will lay almost as early in the spring as June and July birds, and will keep at it when the older fowls are resting from their labors. The cockerels make acceptable winter fries, or soft roasters later on. While they may not be quite as large as the early hatched chick they fill an important place, and aid materially in adding to the profits. Subscriber.

Such a flood of light is being thrown on poultry questions, that many of our most conservative farmers are "beginning to sit up and take notice." If they would make a study of poultry raising as they do of stock raising, if they would avail themselves of poultry appliances—such as incubators and brooders, as they do of gluten meal, shredders and tankage, and study the approved methods as they do the latest ways of raising profitable hogs and cattle, they would find it a money-making proposition.

**ROUND TRIP PACIFIC COAST EXCURSION.** Daily to September 15th, the Minneapolis & St. Louis R. R. will sell round trip excursion tickets to Portland, Tacoma, Seattle and Vancouver for \$64.50. On account of the Christian Endeavor Convention at Seattle the rate will be \$54.00 to Puget Sound points. Tickets on sale June 20 to July 12; return limit September 15. Slightly higher rate to return through California. For further information write W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

## GREETING TO WOOL GROWERS.

As a greeting to old and new customers on the opening of the wool season the A. J. Child & Sons Mercantile Company, 511-513 North Main St., St. Louis, Mo., have issued a very neat and pretty booklet full of information for sheep men. Write for it, mentioning this notice.

## LEGHORNS.

## S. C. White Leghorn Eggs

I WILL MAKE SPECIAL PRICES ON EGGS for hatching during the month of June. All eggs carefully selected. Write for prices. R. E. BROWN, - RICHLAND, IA.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK.

JOHN C. MILLER, ROUTE 2, HARLAN, IA.

**ROSE COMB** BROWN Leghorns exclusively. Eggs for hatching, single sitting of 15, \$1.25; two or more sittings, \$1.00 each. \$5.00 per 100. T. A. Davenport, Belmond, Iowa.

## PRICES REDUCED.

**ROSE COMB** Brown Leghorn eggs, 22, \$1; 50, \$1; 100, \$3. Address, Ella Sharp, Mt. Sterling, Iowa.

**SINGLE COMB** Brown Leghorns, Knapstrahl, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

**S. C. B. LEGHORN EGGS** Thirty eggs for \$0 one hundred. Mrs. H. C. Lambert, Authon, Iowa.

**ROSE COMB** Brown Leghorn eggs, 15, \$1.00; 30, \$1.50; 50, \$2.00; 100, \$3.00. 1 day express charges. D. W. Nickerson, Marble Rock, Ia.

**ROSE COMB** White Leghorns. State Fair prize winners, eggs 75c per 15; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Mansou, Iowa.

**ROSE COMB** Brown Leghorns exclusively. Eggs for hatching. Balance of season \$1.00 per hundred. Write, F. Bowman, Eldora, Iowa.

**Rose Comb Brown Leghorn** eggs, 30 for \$1. Special prices on incubator lots. Mrs. Laura Mather, Clarksville, Ia.

## WYANDOTES.

**WHITE WYANDOTTE EGGS**, \$1.25 per 15, \$2 per 30, \$5 per 100. Hens score 95 to 96½. Address, Mrs. L. M. Estes, R. 2, Audubon, Ia.

**WHITE WYANDOTTE EGGS REDUCED TO** 75c per fifteen, \$3.50 per 100, remainder of season. W. S. Gregory, Roselawn Farm, Keota, Ia.

**SILVER LACED WYANDOTTE EGGS** 15 FOUT \$1, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

## LANGSHANS.

## Black Langshan Eggs.

I WILL sell choice Black Langshan eggs from pen No. 1, scoring from 92 to 95 points at \$1.50 per 15. Pen No. 2 at \$1.00 per 15; \$5.00 per hundred. Mrs. J. H. Allen, New Sharon, Iowa.

## DUCKS.

**COLORED** Muscovy duck eggs, \$1.25 for eleven. Mrs. T. W. Glass, Route 4, Sac City, Iowa.

## MISCELLANEOUS.

## Pheasant, Duck, Geese, Brant &amp; Chickens Egg.

VARIETY.	NO.	PRICE.	VAR.	NO.	PRICE.
Wild geese,	7,	\$3.00.	PHEASANTS		
Wild Mallard duck,	13,	3.00.	Golden,	13,	\$5.00
Bar'd Rock Hen eggs,	13,	1.50.	Silver,	13,	5.00
White "	13,	1.50.	Eng. R. Neckals,	15,	3.00
Wild White Brants,	7,	3.00.	L. Y. Amherst,	7,	5.00

Address, DEER LAKE PARK, SEVERY, KAN.

## AFTER JUNE FIRST

I WILL turn all pens on free range and sell eggs at \$1 per 15, \$5 per 100. 100 hens for sale at \$1 each. Send for catalog. Margaret C. Daly, - Anamosa, Iowa.

**MAMMOTH BRONZE** White Holland turkeys—Barred and White P. Rocks. Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

## BLACK SPANISH EXCLUSIVELY

FOR 11 years. Winners at Kansas and Missouri best shows; also the World's Fair. 50 hens, 7 cocks for sale at prices that will move. Eggs & price balance of season, 75c per 15. H. W. Chestnut, Centralia, Kansas.

## Being Crowded for Room

I OFFER my last year's stock of Single Comb Black Minorcas consisting of 120 hens and 5 cockerels one year old, at reasonable prices if taken at once. NICK LOEWEN, - LAWLER, IOWA. Successor to Fitzsimmons & Loewen.

**EGGS** from thoroughbred Buff Orpingtons, R. I. Reds, B. and W. Rocks, B. and W. Leghorns, Wyandottes, ducks and geese. 10 chicks guaranteed. Cat. free. Hampton Poultry Co., B3105, Hampton, Ia.

**SILVER LACED WYANDOTTE** Eggs \$1.00 for 15, Buff turkeys \$3.00 for 9. Wayside Farm, Mt. Vernon, Iowa.

**ROSE COMB** White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 25, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa.

**20 EGGS \$1.00** Barred Buff, White Rocks and White Wyandottes from birds that always win prizes. J. T. Molloy, Albion, Ia.

**FOR SALE** Barred P. Rock eggs, 26 for \$1.00; 100 for \$3.00. Mammoth Bronze turkey eggs, 11 for \$2.50. Robert Hunt, Earlville, Iowa.

**EGGS** S. L. Wyandottes, \$1, 15, \$5 per 100. Pekin duck \$1 per 11. M. B. turkeys 250 per 10. Choice stock. Mrs. F. R. McLaughlin, Manning, Ia.

**MAMMOTH BRONZE** Turkey eggs. Also Pekin duck eggs. Turkey, \$2.50 per 9; duck, \$1 per 11. Mrs. A. Kison, Audubon, Iowa.

**GOLDEN** S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.25 for 25. A. LeFevre, Earlville, Iowa.

**UPLAND** Poultry Farm eggs from L. L. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for 2, 100 for \$3.75. Albert Huns, Wacoma, Iowa.

## KEEP THEM HEALTHY

Don't lose the chicks now. Success with poultry depends not so much on the number of chicks hatched as on the number brought to maturity. They need a tonic—a medicine—a preventive of disease; something to reduce to a minimum the dangers from Cholera and Bowel Complaint, their greatest enemies during the hot months of June, July and August.

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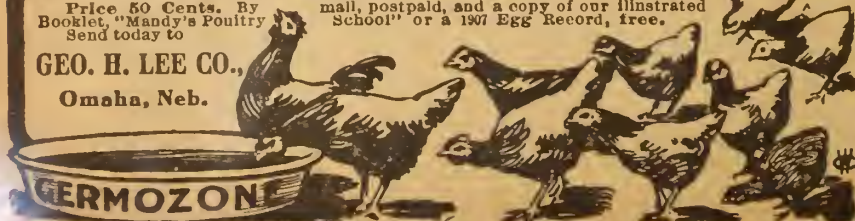
is a germicide—the best cure for poultry diseases such as Cholera, Bowel Complaint, Chicken Pox, Canker, etc., which cause so much trouble at this time of the year, and is used and endorsed by poultry raisers all over the world.

Give it in the drinking water twice a week. It prevents disease as well as cures, keeps fowls healthy and insures profitable, vigorous birds later in the season. You can not afford to be without it.

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## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating the age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

### SYMPTOMS AND TREATMENT.

#### SICK COWS.

My cattle have had a slight cough nearly all winter. Early in March I noticed a four-year-old cow failed to digest her food well, passing much that was undigested. She had been wintered with five others in a comfortable shed and fed plenty of roughage, and some grain. April 15th this particular cow calved and she was then put on a good grain ration. Now she is on grass, acting well and sick by turns. She is getting thin and is bloated some of the time and sometimes will not eat at all. Her teeth are all right. Can you tell me the trouble with this cow?

There is good reason to suspect that your cattle are afflicted with tuberculosis and you should at once have them tested with tuberculin which will settle the matter one way or the other inside of forty-eight hours. Under the circumstances we do not feel justified in prescribing medicine, but if they prove free from the disease tell us and we will be glad to suggest treatment.

#### RICKETS.

My hogs are affected with a disease that I do not understand. They break down and drag their hind legs behind them. I opened one that died and found the kidneys a yellow color, flabby and soft. I would be pleased to know what to do for them. Am feeding corn and alfalfa now, but they have been running after cattle until recently.

This form of paralysis is akin to rickets and comes from weakness of bone and muscle induced by feeding too much corn, which does not go to form flesh or bone. At once commence feeding your hogs slop of middlings or shorts, bran, ground oats or barley and corn meal, adding 10 per cent of tankage or flaxseed meal. In the slop mix linewater freely once a day for affected pigs and three times a week for unaffected. Allow free range on alfalfa. Treatment other than a change of food is of little avail in this trouble.

#### IMPAIRED BREATHING.

I have a thoroughbred Berkshire sow about two years old. I purchased her in February, 1907, at which time she was very fat. She farrowed a litter of pigs April 1, 1907, and is suckling them at the present time. When she takes violent exercise, and sometimes when she is quiet, she has trouble to get her breath, and at times she acts as though she would suffocate before she recovers from an attack, which lasts but a few minutes. The sow is very large and coarse, seems to be in perfect health and is in good flesh at the present time. She has been fed nothing but

shorts, bran and grass since I have owned her. What can I do for her?

It seems likely that the sow has a heart trouble which may be incurable and possibly due to over fat condition, causing fatty degeneration of the heart muscle. The best chance of recovery would come from reducing the sow in condition by letting her live without grain and take all the exercise possible on grass. We do not think likely that medicine without the reduction in flesh and exercise will do any good. On weaning the pigs and starting the treatment it would be well, however, to give her six ounces of epsom salts in slop or water and follow with a similar dose once a week until she is considerably reduced in flesh. This will help her greatly for future breeding purposes.

#### RUPTURE.

I have two sow pigs that have slight rupture or hernia at the navel. I saw some time ago where a writer said to shrink the covering of the hernia and reduce it that way, but I have forgotten the name of the acid used. What is the best way to effect a permanent cure?

Either nitric or sulphuric acid will do in umbilical hernia of colts, but we have not tried it on pigs. Where the hernia is sufficiently large it may be operated upon by returning the bowel, then pulling up the sac and loose skin and including them in wooden clamps such as are used in castrating horses.

#### BROKEN DOWN BOAR.

I have a valuable boar five years old. In 1905 this hog was fitted for show and at that time was made to weigh 1,150 pounds. Because of his great weight or some other unaccountable reason he hurt one of his toes on the hind foot, and in trying to favor this foot he did not walk around much. Since that time he has become weak in the hind legs, consequently making him unfit for service. He does not exercise much and if left alone will lie down most of the time. This hog now weighs 700 pounds. I keep him in a large pasture where there is plenty of grass and running water. I would be very grateful for advice regarding how to strengthen his hind legs.

There is no way that we know of whereby his legs can be strengthened to carry his great weight. He doubtless is affected with rickets and it proves incurable. Possibly we might alter this opinion could we see the hog, but without an examination we are unable to prescribe treatment.

#### TUMOR.

I have a cow that has a big hard lump under her throat. It was quite small and soft when it started about two months ago. It is now hard and seems to be stuck tight. Please advise me the cause and remedy.

Cause of tumor may have been a collection of pus due to a bruise or actinomycosis (lumpy jaw) which did not find a vent and became surrounded by a fibroid wall. Have the tumor cut out by a qualified veterinarian, as it is unlikely that external treatment will remove it.

#### SCOURS.

Please tell me what to do for a young cow that has had the scours since last winter. She eats well, but is thin in flesh. We have given her stock food, laudanum, flour, nutmeg and egg, etc., but to no effect. She is now on grass, but is no worse than when on dry feed.

The first step in such a case would be to have the animal tested with tuberculin, as tuberculosis affecting the alimentary tract often is the case of chronic



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## BLACKLEG IN CATTLE

NO DOSE TO MEASURE. NO LIQUID TO SPILL. NO STRING TO ROT.

Just a little pill to be placed under the skin of the animal by a single thrust of the instrument. You cannot afford to let your cattle die of blackleg when a few dollars spent on Blacklegoids will save them. Write for circular.

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NOTICE.—For a limited time we will give to any stockman an injector free with his first purchase of 100 vaccinations.




## IT'S SAFE, STRONG, SPEEDY, DURABLE

You can break colts easier with this cart. No matter what position animal gets in you can dismount instantly. Nothing to tangle legs. It's great for road use. Absolutely no horse motion. Pleasant to ride in. A "hummer" for track use. Seat can be adjusted to balance rider thus taking all load off the horse. Write quick for free descriptive booklet.

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## BERRY'S BARB BEATER

Cures wire cuts, sore necks, and collar galls. A powder. 50c and \$1 cans at all medicine dealers or sent direct on receipt of price (we take stamps). Write for free sample box.

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diarrhea and loss of condition. If she proves free from tuberculosis keep her up and feed whole oats and dry hay. Treat by giving twice daily a dram of powdered sulphate of copper, ten drops of pure beechwood creosote and half an ounce of laudanum in a quart of flaxseed tea. Before commencing the treatment better clear the irritants out of the bowels by administering a pint of castor oil shaken up in milk.

#### BOG SPAVIN.

I have a colt five years old that has a bog spavin. It was caused by getting her foot fastened in the barn. It has been there since the first of January. Can it be cured? If cured by applying blisters, will she become lame or will she have to stop work?

It will be necessary to keep her tied up for a week or more while blister is acting and then she should not go to work under two or three weeks. Blistering will not lame her, nor is it likely that the bog spavin will cause lameness if she is not lame now. The condition often proves practically incurable. A suitable blister is made by mixing a dram of biniodid of mercury in two ounces of cerate of cantharides.

#### H. H. Diers' Short-horn Sale.

On June 14th, at Farmersburg, Iowa, occurred the sale of some splendid Short-horn cattle to an audience that lacked appreciation of high-class cattle. It was the occasion for the dispersion of the Center Valley herd owned by Mr. H. H. Diers, of St. Olaf, Iowa. As had been properly set forth in The Homestead from time to time, there were some splendid cattle in this offering, including a goodly number of Scotch cattle whose breeding was as good as the best. The Homestead predicted that owing to the isolated place of Farmersburg and the difficult manner in which it had to be reached, that the chances were that many breeders who were in need of this class of cattle would not go, and in this respect the expected happened. But for the atten-

dance of a very few outside breeders, the sale would have been much poorer than it was. The place is very difficult of access, as has been before stated. Hence, the outside breeders were limited. Noted among those who were present are Messrs. Walpole Bros., of Rock Valley, Iowa; A. J. Andrews, of Melbourne, Iowa; F. A. Schaefer, of Raleigh, Iowa; C. A. Steward, of Ames, Iowa; R. W. Davies, of Lime Springs, Iowa, and W. F. McCormick, of Lancaster, Wis. All the other breeders were from a radius of twenty miles around. Unfortunately a goodly number of the cattle were dehorned, which militated against their bringing their full worth. Another explanation which is necessary to make is that the calves in almost every instance were separated from their dams and sold as a separate lot, one of them selling as high as \$300, this price being paid for the beautiful roan heifer calf, Sweet Dreams, seven months old. She is properly named and was secured by Messrs. Henry Brandt & Sons, of Garnaville, Iowa. She was a daughter of Imp. Gladstone and out of Imp. Sunflower 22d. This firm, the Messrs. Eno Bros. and S. H. F. Schoulte, in addition to the breeders previously mentioned, saved the day for Mr. Diers. His cattle under the existing conditions should have made an average slightly less than \$175. However, an average of only \$130 was made on the entire offering. There was absolutely no local demand for the Scotch-topped American sorts. There seldom appears at any sale such a large crowd of farmers and farmers' wives as were to be seen here, but they are a rich German class of thrifty people, whose bank accounts we were informed variously ranged from \$1 to \$30,000; in other words, they seemed to have had all the money they wanted and were not willing to take hold of one of the best-paying lines of live stock ever on Iowa soil. Mr. Diers conducted the sale without a murmur or complaint, although fully realizing that his cattle were selling at great bargain prices to those who were wise enough to be present and bid at all. We append a list of all cattle selling at \$100 or over, with buyers' names attached:

#### FEMALES.

Imp. Sunflower 22d, seven years, sire Count Sunbeam, W. M. Allen, Garnaville, Iowa .....	\$300
Snowdrop, two years, sire Imp. Avalanche, F. A. Schaefer, Raleigh, Ia. ....	205
Sylvia D., two years, sire Crown Imperial, Walpole Bros., Rock Valley, Iowa .....	160
Sweet Dreams, one year, Imp. Gladstone, Henry Brandt & Sons, Garnaville, Iowa .....	300
Minorca's Gem, five years, sire Imp. Cock Robin, C. A. Steward, Ames, Iowa .....	205
Minorca's Pride, four years, sire Imp. Avalanche, Walpole Bros. ....	155
Mildred, two years, sire Imp. Gladstone, N. W. Allen, Garnaville, Iowa. ....	185
Duchess of Center, seven years, sire Warrior, R. W. Davies, Lime Springs, Iowa .....	215
Graud Duchess, three years, sire Crown Imperial, S. H. F. Schoulte, Farmersburg, Iowa .....	280
Gretchen, one year, sire Imp. Gladstone, W. F. McCormack, Lancaster, Wis. ....	160
Melba, seven years, sire Warrior, James Nailer, Elkader, Iowa .....	110
Alvira, two years, sire Crown Imperial, J. C. Schmalfelt, Farmersburg, Iowa. ....	130
Mermaid, one year, sire Imp. Gladstone, Henry Brandt & Sons .....	195
Maid of Honor, two years, sire Imp. Gladstone, F. A. Schaefer .....	300
Center Valley Bud, six years, sire Imp. Prince Oderic, same .....	110
Pride of Center, three years, sire Crown Imperial, E. F. Faugeman, Garnaville, Iowa .....	110
Clariada, one year, sire Imp. Gladstone, W. F. McCormack, Lancaster, Wis. ....	125

#### MALES.

Crown Imperial, six years, sire Village Faucy 2d, C. F. Barfoot, Ridgeway, Iowa .....	200
Baron Duke, two years, sire Imp. Gladstone, W. C. Davies, Lime Springs, Ia. ....	105
Baron Secret, one year, sire Crown Imperial, Thos. Timmons, Dubuque, Iowa .....	165
Dewey, one year, sire Crown Imperial, Fred Watters, McGregor, Iowa. ....	100

#### SUMMARY.

27 females .....	\$3,895; average....	\$144.30
11 bulls .....	1,070; average....	97.00
38 head .....	4,965; average....	130.00

# Bone Spavin

No matter how old the blemish, how lame the horse, or how many doctors have tried and failed, use

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Use it under our guarantee—your money refunded if it doesn't make the horse go sound. Most cases cured by a single 45-minute application—occasionally two required. Cures Bone Spavin, Ringbone and Sidebone, new and old cases alike. Write for detailed information and a free copy of

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Ninety-six pages, durably bound, indorsed and illustrated. Covers over one hundred veterinary subjects. Read this book before you treat any kind of lameness in horses.

**FLEMING BROS., Chemists,**  
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## THICK, SWOLLEN GLANDS

that make a horse Wheeze, have Thick Wind, or Choke-down, can be removed with

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A sire without a peer. Today he is a better breeder than he ever was. Mr. Garth, his owner, paid a long price for him at the recent Kerr estate sale at Independence, Mo. The barn as seen above is the largest individual hog barn in the entire Southwest, and is an object lesson for breeders of pure-bred swine. Mr. Garth holds a public sale of O. I. C.'s at the American Royal show, to be held at Kansas City this fall. See field note on page 16.



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

(Continued from last issue.)

As the girl crossed the room a young man excused himself from his companion and with outstretched hand stepped to meet her.

"Surely I'm in luck today, Miss Nello," Mr. Talbot said brightly, as he pressed the girl's hand with unmistakable fervor. "I did not expect anything so jolly as meeting you here when I promised to drop in for mother as I passed. It's a case of virtue being its own reward, don't you think so?"

"My experience with virtue is too limited for me to venture an opinion as to the quality of her rewards," the girl replied demurely.

What might be the nature of Miss Nello's feeling for Mr. Talbot one could not tell, but his adoring glances left no room for doubt as to the state of his affections.

"How splendid Dr. Kendall is," Miss Nello said, lowering her voice and looking across at the group of which Dr. Kendall was the central figure. "I do so admire that style of woman."

"Yes," he replied doubtfully. "Personally I like another type better."

"Of course!"—with some scorn. "Young men generally prefer dolls. They like girls who look sweetly pretty and will have eyes for them alone. You will want your wife to confine her interests to your socks and buttons—and the cook book; I mustn't forget the cook book!"

"Nello!" The single word and the look which accompanied it expressed volumes.

"Well, perhaps I shouldn't have said that, but listen now!"

The discussion about women's clubs was still in progress and Dr. Kendall was speaking at the moment.

"Grant that we are overdoing it, that there are too many clubs and that women are neglecting other duties because of them, time will right all that. Women may be trusted to find the happy medium."

Her eyes glowed with a soft light and

her voice had the vibrant note which bespeaks deep feeling.

"Have you ever noticed cows or horses when first let loose in a green field after long confinement in a stable? The simile is a homely one, but it represents my thought. The present attitude of many women towards clubs is a temporary one. Clubs, to them, mean increased knowledge, better opportunities and more power. The enlarged mental horizon, the freer atmosphere and the boundless vista opened up to them by club life and study, intoxicates them for the moment."

No one broke the silence and she continued:

"Men, long parched with thirst or famished with hunger, are apt to indulge to their hurt when first they find water or food. Women are no wiser, but after the pangs of a great want are satisfied, both may usually be trusted to practice moderation."

"I entirely agree with you, Dr. Kendall. Only I can never say the things as you do. I can only think them," said Miss Sinclair, who had joined the group while Dr. Kendall was speaking.

"My husband does not approve of clubs, but I feel I must have outside interests if I am to be bright and cheerful. It is enough to drive a woman melancholy mad to have nothing to occupy her day in and day out, year in and year out, but the same old routine of sweeping and dusting, making and mending, with their deadly sameness."

The woman who spoke had a general air of repression and her words were hardly audible; she stopped abruptly as if suddenly aware that she was uttering words instead of merely thinking them.

"Men who go out every day to business do not realize the monotony of the ordinary home woman's life, I fancy, of they would object less to women's clubs," Mrs. McArthur said.

"Why, my husband likes me to go to my club. He says I'm twice as companionable since I've been studying current events at the club. Now, in the evening, instead of dozing over the paper—or openly taking a nap—he reads aloud this or that article or item of news about affairs at home or abroad and we talk it over. It has made us quite 'chummy.' I think it's so nice for husbands and wives to be chums. It's almost as good, for every day wear and tear as being lovers."

Mrs. Austin is a young matron, interesting largely because of the new grafts she is constantly inserting on the main branches of a rather conservative character tree.

"Now, Mrs. McArthur, we want to hear your views on this subject."

"We all know even virtues can be so practiced as to degenerate almost into vices," the hostess replied. "The very best things can be abused, but virtue is good just the same. I think the club question should be viewed in this way. Even if there are too many clubs in some places and even if some women are 'club crazy,' as people say, the underlying principle of women's clubs is good. Women have a perfect right to associate themselves together for helpful study or healthy recreation and the fact that some few abuse this right does not counterbalance the other fact that thousands of our sex are better, brighter and happier since they have become club women."

"Those who oppose women's clubs forget, I think, how much real service to humanity clubs like the King's Daughters, Women's Auxiliaries and such societies perform," said Miss Sinclair.

"I stand for the woman's club for what it does for herself, not for other people," Dr. Kendall said warmly. "It is high time woman led an individual life and took to herself Shakespeare's advice: 'This above all, to thine own self be true; thou canst not then be false to any man.' If only we could believe that what we are is of infinitely more importance than what we do, everything else would follow. If women in clubs will only seek for growth and culture, for the highest and the best along every line of development, nothing else matters. As surely as the lighted candle gives light so surely will the home life and the nation's life be enriched, in due time, by the fuller, richer life of the women."

Mr. Talbot had listened as intently as Miss Nello. Now he leaned over and whispered:

"You are right; she is splendid."  
"Yes, I can imagine good men inspired to great things by her. She has done even me good. I used to think of nothing but having a good time before I knew her. Now life looks so different."



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ing but having a good time before I knew her. Now life looks so different."

Perhaps Miss Nello felt they were on dangerous ground, for she changed the subject by saying lightly:

"You notice the women here do not gossip. That is because they are club women and interested in so many things they can't be bothered with people's affairs."

"I don't object to women's clubs." "Don't you? How nice of you. There! Mrs. Morton is really going, so I must say 'good-bye.' This evening? Why, of course. Well, au revoir."

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY—DR. GOODCHEER'S REMEDY.

Feel all out of kilter, do you?  
Nothing goes to suit you quite?  
Skies seem sort of dark and clouded,  
Though the day is fair and bright?  
Eyes affected—fail to notice  
Beauty spread on every hand?  
Hearing so impaired you're missing  
Songs of promise, sweet and grand?

No, your case is not uncommon—  
'Tis a popular distress;  
Though 'tis not contagious,  
Thousands have it, more or less;  
But it yields to simple treatment,  
And is easy, quite, to cure.  
If you follow my directions  
Convalescence, quick, is sure.

Take a bit of cheerful thinking,  
Add a portion of content,  
And, with both, let glad endeavor,  
Mixed with earnestness be blent;  
These, with care and skill compounded,  
Will produce a magic oil  
That is bound to cure, if taken  
With a lot of honest toil.

If your heart is dull and heavy,  
If your hope is pale with doubt,  
Try this wondrous Oil of Promise,  
For 'twill drive the evil out.  
Who will mix it? Not the druggist  
From the bottles on his shelf;  
The ingredients required  
You must find within yourself.

—Success.

## GEORGIA SPLIT BISCUIT.

Pare and boil three potatoes until perfectly done. While still hot mash them fine, add a cupful of blended lard and butter, two eggs beaten separately and a yeast cake dissolved in a pint of warm milk; then flour enough to make a stiff sponge. When this is light add a heaping tablespoonful each of salt and sugar, then work in flour to make a smooth, satiny dough. Let this rise again, roll to half an inch in thickness, cut in biscuit, butter each one on top and place on in another biscuit. Crowd them slightly in the pan to prevent spreading, and brush the tops with a bit of melted butter. They will rise very quickly the last time, and should be baked like any other roll.—Good Housekeeping.

## GOOSEBERRY PUDDING.

Stem the fruit and stew it gently till it will pulp, then heat it up. For each pint of pulp allow a quarter of a pound of sugar, one ounce of butter, a quarter of a pound of breadcrumbs and two eggs. Mix all these ingredients except the eggs and add them to the fruit pulp. When the mixture has cooled add the eggs, well beaten, and stir them in thoroughly. Turn the whole into a buttered dish and bake for thirty minutes. Sift powdered sugar over the top just before serving. This pudding is delicious and may be made from canned as well as fresh fruit.

## REGULATING THE DAY'S HOUSEWORK.

The ordinary daily labor of the household is made difficult and hard by lack of thought and method. If economy of time is to be considered, and a regular routine of work for servants laid down each day, a tremendous amount of work may be done without worry, flurry or fatigue.

Before preparing a dish think first of all the materials needed. Bring those from the cellar at a single journey; from the pantry and refrigerator the same; then stand perfectly still and prepare the dish, thus saving both your time and strength.

All trouble and irregularity when guests are present may be averted if the servants are required to prepare the table and food every day in the year in the best and most attractive manner possible.

Articles not liable to perish may be purchased in large quantities. They should be kept under lock and key.

Economy and wise forethought, not niggardliness, stand as the first of domestic duties.

Poverty does not prevent skill in the preparation of food. All food should have its proper flavoring, the individual ingredients needed for its proper preparation. These flavorings are given by using up the little

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## THE MERRY MAKERS

Benevolent Old Gentleman (rescuing one small boy from the pummeling of two others)  
—"What are you hurting this boy for?"  
—"Because he made so many mistakes in his arithmetic this morning."  
—"But what business was that of yours?"  
—"Why, he let us copy our answers from his."

"That new farm haul of yours used to be a hookkeeper."  
—"How do you know?"  
—"Every time he stops for a minute he tries to put the pitchfork behind his ear."

She—Isn't a railroad wreck a terrible thing?

He—Yes, it is—especially when you happen to own stock in the railroad.

## CHOICE RECIPES

Cherry Pie.—Stone one quart of tart cherries, saving the juice, add one and one-fourth teaspoonfuls of sugar and a heaping teaspoonful of cornstarch and stir well together. Cover a deep plate with paste, brush over the bottom with white of egg, spread the fruit over it evenly, wet the edges with white of egg, pinch the top close, sift one tablespoonful of powdered sugar on the top and bake in a hot oven.

A Delicious Dessert.—Mix three tablespoonfuls of flour with four of cream or milk until the resulting paste is perfectly smooth. To the thoroughly beaten yolks of four eggs, add slowly half a cupful of pulverized sugar, then the grated yellow rind of a lemon, then the juice and lastly flour paste. Cut into this mixture with a little stirring as possible the whites of the eggs stiffly beaten; place the puff immediately in a warm buttered pudding dish, powder with sugar, and bake for about twelve minutes in a rather hot oven. Serve at once with a berry sauce.


Mash three cupfuls of ripe berries; add one cupful of sugar; set over fire; add one tablespoonful of butter; stir well together, and serve warm.

## FOR THE BOYS.

Boys, when you speak of your father, don't call him "the old man." Of course, you are older now than when you learned to call him "father." You are much smarter than you were then; you are much more manly looking. Your clothes fit better; your hat has a modern shape, and your hair is combed differently. In short, you are "flyer" than you were then. Your father has a last year's coat, and a two years' old hat, and a vest of still another pattern. He can't write such an elegant note as you can, and all that—but don't call him "the old man." Call him father. For years he has been hustling around to get things together; he has been held to the thorny path of uphill industry for years, and the brightest half of life has gone from him forever. But he loves you, though he goes about without saying much about it, and if he knew you were bad, it would be the heaviest burden he has to bear.

The world is lookin' round for boys.

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Steady boys, who are not mere toys,  
Are hard to find.

Not boys who go by fit or jerk,  
But earnest boys who nothin' shirk;  
The boys who are not afraid to work,  
They're the kind.

#### AMONG OURSELVES.

Since our last talk about prohibition I have been reading that some man—I cannot at this moment recall his name—predicts that within ten years the manufacture and sale of intoxicants will be illegal in all these United States. I wish some one who has been reading about this would come and talk about it for the benefit of the circle. Meantime we shall hear from an ardent South Dakota prohibitionist, Mr. D. R. Hughes:

Yes, you are right, it is hard for some men to get their ideas on paper and that makes some of us prohibitionists slow. Yes, I can show you plenty of ministers that have preached from five to twenty-five years and haven't anything to show for it but a lot of saloon voters. It is no use telling of the ruin the liquor traffic has caused; any man that don't know about that is either a knave or a fool. There is 2 per cent of the church vote that is cast against the saloon; 98 per cent of the troubles of the fathers and mothers of this civilized country is caused by drink of their own choosing. We can't sit down by the door of temptation and not enter in to sin. If you want to make a man honest get God in him. When you see a man go into the polling booth with God in him you know he votes against the saloon. A gentleman or a Christian will not vote for a saloon. We have men born and reared in Christian homes, educated in free schools, men who attended the Sunday schools of a Christian country, who listened to the gospel of one thousand churches, yet we have nothing to show for all this work, but a saloon voter. The traffic has ruined the press of our country. We have a town here that had one clean paper that went into the Christian homes round about it. It was a clean town, then they voted to have licensed saloons and they seeded it down with three. The next week the paper came out with three saloon advertisements in it. Then they built a church and hired a preacher. He came to town and walked down the streets and saw the church members and their sons drinking their beer and playing their pool. Then he went home and told his wife, "I know what to preach in this town ruined by the traffic." But he must live.

It is easy to lay down the law for others, but I wonder if Mr. Hughes, were he a preacher or an editor, would boldly speak out his mind if he had reason to believe that it would make him enemies and possibly cost him his position. Preachers and editors undoubtedly have duties in this direction, but it behooves us to remember that we ourselves sometimes fail to do the duty nearest us. Pulpit and press frequently, generally in fact, do their fair share to develop sentiment in the direction of what is right in their eyes. Sometimes without direct mention of it they work for some reform by inculcating principles, the application of which would result in definite action in the desired direction.

A bit of rhyme by N. B., fits in just here:

#### DO THE BEST THAT YOU CAN.

You may not be able to accomplish o'ermuch,  
But do the best that you can;  
Life has a reward for every one, such  
As do the best that they can.

Great deeds,—you may never attain to such,  
And fame you never may win,  
But if content, you a hero may be  
Just doing the best that you can.

You may not be able to scatter the gloom

That darkens your life now and then,  
But pierce it with light, with courage and might;  
Do doing the best that you can.

Your face may not always light up with a smile  
Discouragements oftentimes may win,  
But discouragements flee, the smile will re-  
turn  
When you do the best that you can.

Then do the best that you can;  
Be strong; "quit yourselves like men;"  
Faint not by the way but press onward alway  
And the victory you surely will win.

Suppose we take "Do the best you can" as a command laid upon us for a week and see what comes of it. In a big circle like this the experiences incident upon trying—trying systematically, enthusiastically, sedulously—to do the best that we can ought to be decidedly interesting. May we hear some reports? I hope so.

We are to have a rich treat today—a book talk from Mrs. Ninette M. Lowater, of Rock Glen, Wis. Mrs. Lowater is equally an authority in matters literary or housewifely. We count ourselves honored to have such a one Among Ourselves:

Perhaps *The House of Mirth*, by Edith Wharton, is the most carefully studied and accurate picture of life in rich and fashionable circles of to-day that was ever written. This revelation of the real emptiness and greed hidden by the sparkling exterior of the relentless current which overwhelmed Lily Bart, cannot fail to leave the thoughtful reader more contented with the happiness and safety of the average humble home. *The Spoilers*, by Rex E. Beach, is a book of great interest, giving accurate pictures of the settlement of our still new domain of Alaska. Its story of the conspiracy for stealing the courts and looting the revenues of the mines, which was partially successful, would be beyond belief if the facts were not proved, and is very interesting. Many of the characters in the story are real people, with an easily penetrated disguise, and each is a vivid life-like portrait on a background of reality. *The Call of the Wild*, and *White Fang*, by Jack London, are stories of which a dog is the central figure, but each gives an interesting picture of life in the Arctic Circle also. I am now going to speak more especially of historical novels, for as they are now written they are accurate pictures of the times which they describe, and clothe the dry bones of history with the flesh and blood of reality. It is impossible for one to comprehend a by-gone period from history alone, or to understand any person's proper place in it from only history and biography. All biographers are more or less—and generally more—appreciative, and give an exaggerated idea of the importance and influence of the subject, and each person chooses books of this kind with reference to his own studies or desires for information. I wish to mention these books, however, as possessing all the charm of romance, combined with historical accuracy—Prescott's *Conquest of Peru*, *Conquest of Mexico*, *Ferdinand and Isabella*, and *Washington Irving's Alhambra*. Excellent historical novels to be read with these are *The Fair God*, *Haggard's People of the Mist*, and *Henty's By Right of Conquest*. In our country, the period of war between France and England for a foothold in America is well-told in *On the Old Frontier*, *The Seats of the Mighty*, and *Alice of Old Vincennes*, also in *Henty's With Wolfe in Canada*. The period of the Revolution is rich in its literature, but I will mention a few books I can recommend, especially in connection with the study of the history of that time. These are, *Hugh Wynne*, *In Hostile Red*, *Richard Carvel*, *Cardigan*, *The Reckoning*, and *In Defence of the King*. As I lived for some years in the place where *In Defence of the King* is located, and bad relatives who took part in the scenes in pictures, perhaps I may be permitted to say that its story is historically and locally accurate. *Cardigan* and *The Reckoning* deal more especially with the Indian allies of the British, and with the wretched officer, *Walter Butler*, who was responsible for the worst massacres. The war of 1812 is less rich in its fiction, but *By the Eternal*, (Opie Read) is a good picture of the hero and battle of New Orleans. Of the Mexican war, Mrs. Barr's *Remember the Alamo*, and Miss Evans' *Inez*, are the best I recall. Of stories of the civil war, *Fox's Little Shepherd of Kingdom Come* should head the list. *The Fortunes of Oliver Horn*, *The Crisis*, *In Circling Camps*, *My Lady of the North*, *Red Rock*, and *Carleton's The Boys of '61* are all very good. Any parent is perfectly safe in giving a child any of the Henty books, also *The Elm Island series* of books, by Rev. Elijah Kellogg. I do not think the *Oliver Optic*, *Harkaway*, etc., books, have a good influence for young people, however. For girls, any book by Mrs. Whitney, especially *A Summer in Leslie Goldthwaite's Life*, or any by Mrs. Ward Phelps, *Miss Burnham*, or Mrs. Ewing, rank with those of Miss Alcott. If one desires decidedly religious books, which shall be attractive to the young, the very best I know are these: *The Prince of the House of David*, *All He Knew*, *A Singular Life*, and *A Knight of the XIX Century*. A new nature book for young children is *Birds Every Child Should Know*, issued by Doubleday, Page & Co., New York. Our *Little Friends in Feathers* and *Fur*, is also good. Of miscellaneous books, some of the best are *Sir Nigel* and its sequel, *The White Company*; and *Micah Clarke*, all historical novels of the first grade, both of interest and excellence. There are also *Men of Iron*, *Chuck Purdy*, *In the Golden Days*, *The Last of the Flatboats*, all of interest to any member of the family. Before I conclude, I wish to protest against the too common practice of giving a child of eight or ten "baby books" to read. A child of that age, who has been a companion of its elders, in a family where good language is used, has a much larger vocabulary and more mature comprehension than is usually supposed. Such children understand every word of such papers as *The Youth's Companion*, and I have known them greatly excited over such

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books as *Lorna Doone*, *The Spy*, *Days of Bruce*, and *Verne's Mysterious Island*. If the mother will read these books aloud, with a little occasional judicious explanation, she will find that her children enjoy them better than worthless "juvenile" books, and have, beside, a taste formed for reading which has a decided educational value.

Apropos of Mrs. Lowater's protest against baby books, in an article about Superintendent Cooley, of the Chicago schools, I notice his success—phenomenal success—is attributed largely to the fact that his mind was strengthened by reading good literature in his early years. Before he was eleven he was reading *Rollins*, *Josephus* and *Petrarch*; when the 'ologies and the 'onomies confronted him perception and memory were both equal to grappling with their difficulties. And yet there is another side to this matter. There are boys who could not be bribed to read *Rollins' Ancient History*, who eagerly devour historical pills sugar-coated by Henty or Abbott. These lads are kept out of mischief for the time being and frequently they acquire a taste for reading which sends them to better things in later life. It would be helpful to hear from the friends along this line. Will parents please report for the general good?

Mrs. Dodge, of the Canadian Northwest, has a word for us:

Oliver's advice to Mrs. Custer County, also the remarks of Mr. C. E. K. on Sunday ball games were timely and very well said. In Canada, the Lord's Day act, prohibits Sunday ball games, excursions, shooting, etc., consequently the Sabbath is a very quiet day with us. As the subject of Sunday entertaining is open for discussion, I will just add a word. If you invite company for Sunday, don't blame them for coming. When they come without invitation, treat them nice, but return their visit on a week day, and when asking company to visit you, set the day for them, whenever it is possible, also let it be known where you stand yourself on that question and the problem of Sunday entertaining will soon regulate itself. As to whether it is right or wrong, for me it would be wrong. Never take your Christianity from Christians, but ask yourself: How would the Lord have me act, and follow Him.

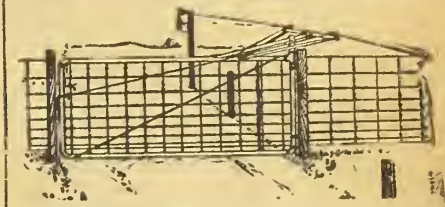
As illustrating the wide difference of opinion there is among Christian people regarding the observance of Sunday, here is an actual happening: Passing the house of an acquaintance while out walking one Sunday, the door opened and the lady of the house came running out to insist upon our going in. She and her husband are both teachers in the Sunday-school of an evangelical church, but to my surprise, they had been playing "flinch" and they invited us to take a hand. Half an hour later the young daughter, who sings in the choir, came in for a volume of college songs. Some young folks across the way were having "a sing" and they needed an extra copy of the college song book. As Mrs. Dodge says, Sunday in Canada is a very quiet day. I have never yet become accustomed to the American Sunday, but I have grown fearful of sitting in judgment upon those who see no harm in Sunday pursuits and occupations which I was reared to think sinful.

"A Happy Wife" comes to answer a curious question recently propounded here Among Ourselves:

Someone asked not long ago: "What is the sourest thing in the world?" To my mind it is the man or woman who has a "grouch" at everything and everybody; who sees the thorn, but not the rose; who hears the thunder crash and the down-pouring rain, but after the storm is unresponsive to the joyous sunshine, the lifting of birds and the general glad thanksgiving of nature. We've all met such people. Some specimens are everywhere; "calamity bowlers," my father used to call them. To such I should like to give the advice which the old Colonel in Arthur Goodrich's new novel, *"The Balance of Power"*, gave to a young friend of his: "Don't get grouchy if things don't come your way. If ye're grouchy ye can't blame 'em."

There will probably be a difference of opinion as to the answer to the question, "What is the sourest thing in the world," but there is food for thought in

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Farmers wanted to buy  
98% Pure Copper Cable  
Lightning Rods. Write for  
prices and samples to

JOS. H. BARNETT & CO.  
Riverside, Iowa

the reply of A Happy Wife. Let us hear from others.

With a word from Kansas Girl, we shall stand adjourned:

I noticed last evening "Among Ourselves" your request for a good home-made furniture polish. A friend told me this spring to use equal parts of kerosene and turpentine. I tried it, but found it left a dull finish. Good results may be obtained by using equal parts of linseed oil and vinegar. This when applied with a woolen cloth gives the furniture a nice gloss. When furniture becomes scratched or marred all traces may be removed by rubbing with the meat of a hickory nut.

Dressmaking and Millinery. No. 574.

Sylvia Silverthorne, Muscatine, Iowa.  
(All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper, nor to the editor of the Home Department.) It is not a new suggestion that huttons of all sorts play an important part in the fash-



[5617 Five Gored Skirt, 22 to 30 waist.]

tures of dress this season, but I will mention here that one of the most attractive costumes I have noticed is made with a bolero, perfectly plain except for two very large buttons, say the size of a silver dollar, that are covered with the material and close the front. Embroidered huttons are very fashionable, and the work of preparing them is very simple. Any fancied design is stamped

## Our Liquid Extract of Malt

MADE FROM THE CHOICEST MALT AND BARLEY EXTRACTS.  
THE LIQUID FOOD AND THE PLEASANT JUICE OF NATURE.

The Mild, Soothing Nerve Tonic and Stomach Stimulant.

\$1.25



In Our Purify Malt Extract you have a liquid food which is not only nourishing but also a powerful tonic for the system. It is especially recommended for the weak, the nervous, and the debilitated. For a further description of its uses and benefits, see the enclosed leaflet, which may be had free of charge by sending a stamp to the nearest agent.

If You are Weak and Run Down, no Appetite, a wine glass full before meals will bring about a new era in your health. If you have a weak stomach, a glass full after meals will aid digestion, give tone to the stomach and you will find pleasure in your meals at all times.

If You Have Sleepless Nights and don't rest, a wine glass full before going to bed will bring about a new era in your health. It will bring about a new era in your health.

Our MALT EXTRACT is made from the purest and best of Malt and Barley. In order to give a more gentle and soothing effect, a touch of sweetened condensed milk will help the stomach and is a special aid for all nervous disorders.

If You are Just Getting Over a Sickness, there is nothing that will build you up so rapidly as a glass full of this extract. It is especially recommended for the weak, the nervous, and the debilitated. For a further description of its uses and benefits, see the enclosed leaflet, which may be had free of charge by sending a stamp to the nearest agent.

Women, so many who are troubled with weakness, find a glass full of this extract before going to bed will bring about a new era in your health. It will bring about a new era in your health.

So Many Do Not Know that there is a liquid food which is not only nourishing but also a powerful tonic for the system. It is especially recommended for the weak, the nervous, and the debilitated. For a further description of its uses and benefits, see the enclosed leaflet, which may be had free of charge by sending a stamp to the nearest agent.

These are Plain Facts, and in keeping with them is a Plain, Honest, and Satisfying statement of the value of this extract. It is not a new suggestion that huttons of all sorts play an important part in the fash-

A GREAT SPRING TONIC  
SPECIAL OFFER—We will give everyone an opportunity to buy this famous Malt Extract at a special price of \$1.25 a bottle for a limited time. Write for details to the nearest agent.

The V. M. Roberts Co-operative Supply Co., Chicago, Ill.



on material similar to the garment on which the buttons are to be used, or it may be on silk, care being taken that the design is not



[5626 Child's Dress, 2, 4 and 6 years.]

too large for the mold that is to be covered. Any of the simple or fancy stitches may be used in the work, and threads of different

colors may be used if an oriental effect is sought, using an occasional bead and some tinsel thread. Or a simple flower in a color corresponding with something in the material or with that to be worn with it will give pleasing results. These buttons are inexpensive when made at home, but far from it when purchased ready-made. Linens are especially easy to manage in this way, but any material may be so treated if handled with proper care.

The skirt that has a gathered flounce is favored again this season, and one in that mode is shown in 5617, and it has a five-gored upper portion to which two flounces are joined, adding to its length. Such a design is especially suitable in making up the light weight silks, and woolsens. Foulards are developed after such designs, and materials that are to be laundered also, although for the latter I would prefer a flat trimming at the top of the flounce, as better results are to be obtained in the ironing. Any mode of finish may be used, embroidery and insertions being desirable on wash fabrics. The skirt may be cut off for the short, round length if desired, as this is provided for in the pattern. Pattern 5617 is cut in sizes for a 22, 24, 26, 28 and 30 inch waist measure. Slight variations in waist sizes are easily made in a skirt that is gathered at the top.

The French dress is always a favorite, and the design shown in 5626 is very simple. It is pictured made with an epaulette-bertha, and with full length sleeves, but in the smaller design it is shown made with the plain yoke and with short sleeves. So you will note that there is a chance for variations to suit different tastes, also that with the same pattern there may be a variety in the making up of two or more garments. Such a dress when worn on dressy occasions may be worn with a sash of soft silk or of the wide sash ribbon in dainty effects, and this gives other "variety." Pattern 5626 is cut in sizes for girls of 2, 4 and 6 years.

Send eleven cents in money (not stamps), for any pattern wanted, these or others. Address all orders to Sylvia Silverthorne, Muscatine, Iowa.

#### Coker Cured of Cancer.

After resorting to the knife and burning plasters, Mr. Coker was completely cured of a malignant cancer, under the eye, the size of a turkey egg, by a combination of soothing oils, in a few weeks. A free book, giving full information sent. Address, Dr. Benj. F. Bye, Indianapolis, Ind.

## PLEASANT FIELDS OF HOLY WRIT

SAVE for my daily range  
Among the pleasant fields of Holy Writ  
I might despair.  
—Tennyson.

### The International Sunday-School Lesson.

Second Quarter. Lesson XII. June 23, 1907.

#### Review.

These pictures, forty centuries old, are still fair and fadeless. There is nothing intricate or occult about them. They are simple and true to life. That accounts for the hold they have upon the universal human heart. They are mirrors of good and evil. They reflect on the one hand the charm of saintliness, on the other the ugliness of sin. They show the ultimate coronation of goodness and the certain ruinous denouement of evil. The one class is inspirational, the other deterrent. It will never be known how much they have promoted the ethical evolution of humanity. They have been fairly interwoven in the thinking of all the races who have become the fortunate possessors of them and have powerfully affected the springs of human conduct in every age.

The first picture in this series represents Jacob in flight. A more vivid portrayal of the pains and penalties of trickery could not be made. The patriarch has gotten the birthright and blessing by guile, but it cost him dear. Out he goes, a shelterless fugitive, with four hundred and fifty miles and forty years of exile before him. But mercy lines with silver the penalty. A vision of a heavenly staircase thick with angel ministers cheers the exile.

Forty years later Jacob attempts a return in spite of the still cherished anger of his brother. On the boundary of Canaan he is in an agony of prayer for deliverance. There is nothing inexplicable in the wrestling scene commonly thought to be so mysterious. It was a merciful concession when the Lord took upon Himself a human form and allowed Jacob to vent his excessive grief and anxiety in the way of physical exertion. The corporeal struggle was an accompaniment of prayer. Jacob gets a new name and a new nature on the spot. But, after all, it is not an instantaneous and miraculous substitution of one nature for another. The ethical and spiritual evolution has been going on for four decades. It has taken forty years to make an Israel out of a Jacob.

From the thorny and thistly sons of Jacob grapes and figs could not be expected. They were rude, treacherous, belouin. The gentle and pure character of Joseph was a standing stricture upon

them. They nursed their jealousy until it reached the size of murder. There is an expulsive power in a new vice as well as in a new virtue. Avarice ousted murder. The sight of the approaching trading caravan suggests the possibility of making merchandise of this obnoxious brother. A moment later they gloat over their two shekels apiece and see their brother depart to hopeless servitude.

As in a microcosm one sees here the evolution of a man and a statesman. The circumstances which seem to retard really accelerate the process. Joseph had learned how to take honey out of the eater—one of the finest and most useful arts of life. As a slave he made himself indispensable to his master. Unconsciously he was schooling for the premiership. Faithful in few things, he was to be lord of many. The next incident seems to

# PILES NO MONEY TILL CURED.

FISTULA, Fissure, Contraction, Ulceration and all Rectal Diseases treated on a positive guarantee of permanent cure.—Established 29 Years.—See thousands of prominent names with statements that they paid nothing till satisfied of a cure in our free 32-page illustrated treatise, also our 132-page illus. book for women; both sent free and postpaid.

DRS. THORNTON & MINOR, 3639 Olive St., St. Louis, Mo., and 1010 Oak St., Kansas City, Mo.

## GRAIN FREEMAN BROS. & CO., HAY

COMMISSION MERCHANTS.  
Established 1886, 66 Board of Trade, Chicago.  
Your shipments to this market and orders for the purchase and sale of grain for future delivery solicited.

plunge Joseph in irretrievable ruin. Yet the possibility of dominating one's environment has a new proof, for in the shortest possible time the prisoner is the prison-keeper. Yet all turned on the character of Joseph. A meretricious promotion might have come to him, even had he been corrupt at heart. But a permanent exaltation in the hearts of his own and his adopted countrymen—an assured position among the immortal worthies in kingdom and patience of God—a good life only can win that distinction.

From prison cell to throne-room is a startling transition. But really Joseph had paved every step of the way, and it had taken him thirteen years to do it. The abruptness is in appearance only. The young Hebrew made the very best of his circumstances. He acquired the language, observed the manners and customs, detected the defects in public administration. He managed the estates of Potiphar with such fidelity as to prepare him to administer the empire of Pharaoh. When his environment narrowed down to prison walls, he availed himself of his enforced seclusion to reflect upon what he had observed. He kept himself unpolluted from the vices incident to prison life. He was ready when the hour struck.

Joseph was the "eyes of Pharaoh." He was devoted to his sovereign and to his adopted country. The splendor of his vesture, ornaments, palace, chariot, can hardly be over-estimated. In the midst of his glory the brothers who had sold him into slavery twenty-two years before were brought into his presence. No wonder they did not recognize him. He showed consummate skill in secreting his identity from them and discovering their present attitude toward the brother they had so misused.

The uses of adversity have fine illustration in Israel's experiences in Egypt. When they ceased to be guests and became slaves in the land of their adoption, their first gain was humility. Their second gain was nationality. Egypt proved the furnace in which a loose population was fused and compacted. Again they were shut up to God. There was no other eye or arm for them. So faith and all other graces of the spirit were nourished as "sharp frost nourishes corn."

The faith of Moses' parents was the

turning-point of Hebrew history. They recognized the child as the appointed deliverer. For three months they hid him in defiance of imperial edict and at peril of their lives. When pressed to it as a last resort, they used consummate strategy. They committed the babe in his ark to the sacred river at the very spot where Pharaoh's daughter bathed. As a reward of their faith their babe lodged in the imperial palace and made spoil of Egypt's wisdom in preparation to be Israel's deliverer.

The mystic flame, symbol of the Divine presence, had been unseen for four hundred years, when it burst upon the vision of the lonely shepherd far down towards Sinai. What an unlikely one to be called to be deliverer of Israel from Egypt. But a better emancipator could not be conceived than that very herdsman kneeling before the green bush transmuted into a flaming shrine. He knew Egypt, Pharaoh, Israel, and the Wilderness. He was a graduate from God's school of adversity. His wonder-working rod was his diploma.

The duel between Omnipotence and earth's proudest monarch is without a parallel. The plagues of Egypt are the Divine answer to the challenge, "Who is the Lord?" They illustrate the Divine power over every kingdom of nature. The impossibility of coincidence is proved by the uniformly ascending scale and the exemption of the Hebrews in every instance. It was fitting that a commemorative ordinance should be instituted. Nothing more significant than the domestic sacrament of the Passover can be imagined.

The exit of Israel was not the flight of criminals. They traveled by a special royal edict which gave them authority to do so. Their march was orderly, by tribes. God's banner floating in the sky before them—Pharaoh's attempt to reclaim the Israelites when he saw them apparently marching into a blind alley is true to nature to the dot. Israel was panic-stricken. A wind divides the sea and Israel crosses dry shod.

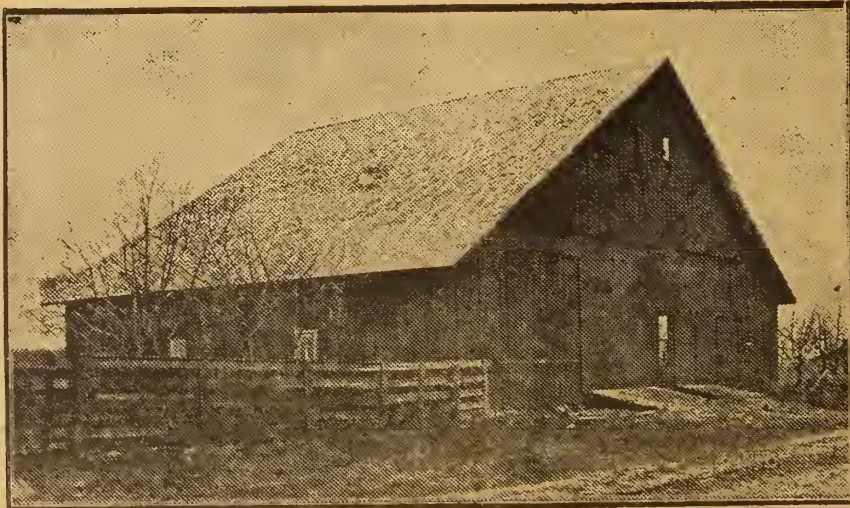
The fascination of this four-thousand-year-old story is, that it is a study in Life. It is no middle age piece of scholasticism, but a warm-blooded history of human nature; not a dissertation on metaphysical generalities, but a tale of human emotions, as they are felt today, and every day, and everywhere. It is the "proper study of mankind." It concerns Man, and is consequently universally interesting. The effort to re-tell the story is futile. To reclothe it is to do violence to it. Its own dress is its only dress. Its simplicity, genuineness, fidelity, make it a masterpiece of literature.

## ITCHING ERUPTIONS

Covered His Body--Suffered 14 Years--Completely Cured by

## THREE BOXES OF CUTICURA

"Small sores appeared on each of my lower limbs, and shortly afterwards they became so sore that I could scarcely walk. The sores began to heal, but small scaly eruptions appeared. The itching was so severe that I would scratch the sores until the blood began to flow. After I suffered thus about ten years I made a renewed effort to effect a cure. The eruptions by this time had appeared on nearly every part of my body. The best doctor in my native country and many remedies gave no relief. Finally my hair began to fall out and I was rapidly becoming bald. A few months after I thought I would try Cuticura Ointment and Cuticura Soap. After using three boxes I was completely cured, and my hair was restored after fourteen years of suffering. B. Hiram Mattingly, Vermillion, S. Dak., Aug. 18, 1906."



This barn is one of the kind that is to be found on some of the Michigan farms that are advertised in our columns this week. One of these is advertised on page 8, and consists of 480 acres of fine grain and grass growing land. Corn, as well as small grain, potatoes and other crops of its kind are well adapted to production on this southern Michigan farm. The market for these products is also easy of access, which adds to the value of its location. The total value of the buildings on this farm is something like \$10,000, which makes it well suited for stock raising, and for housing the machinery and products of the farm as well. While the owner of this farm hopes to sell it without reducing its size, he will cut it down to 380 or 240 acres in order to satisfy the demands of the purchaser. This farm is fully described in the advertisement and is priced very reasonably considering its situation and advantages. For terms and description of this farm, as well as many others in southern Michigan, address S. V. R. Hayes, 53 Ionia St., Grand Rapids, Mich.



## Lake and Stubbs Red Polls Sell Well.

The combination sale of Red Polled cattle held at Hampton, Neb., June 12th, by Messrs. W. H. Lake and H. F. Stubbs, was a decided success. A medium sized crowd of breeders answered the call of this sale and it is a pleasure for us to report that the sale cattle were all in the best condition and as the breeding was as good as could be found the sale was a good one. Owing to the fact that the weather was so favorable for farmers to be attending their growing crops, there was not much of a local crowd present. Therefore the breeders from a distance picked up a greater part of the stuff. The top price of this sale was \$260 for Lot 5 in catalog, one of the most promising young bulls of this breed that will go through a sale ring this year. He was a son of the great herd bull, North Star, a first-prize winner at the Nebraska State Fair, and the sire of many show animals of this breed. He went to the well-known herd of Mr. Chas. Graff, of Bancroft, Neb., and a bright future is looked for this young sire. There was quite a demand for the she stuff in this sale and the best of them were sold for good prices. Below is the list of the sales:

Lot.	Name	Price.
1.	B. N. Gasper, Linsey, Neb.	\$100.00
2.	R. H. Stafford, Bancroft, Neb.	90.00
3.	Chas. Graff, Bancroft, Neb.	125.00
4.	Frank Oakman, Atlanta, Neb.	92.50
5.	Chas. Graff	260.00
6.	G. H. Brabban, Bradshaw, Neb.	67.50
7.	S. McKelvie & Son, Fairfield, Neb.	75.00
8.	M. A. Sewell, Skidmore, Mo.	80.00
9.	S. McKelvie & Son	75.00
10.	Same	75.00
11.	Nels Holm, Osceola, Neb.	100.00
12.	W. R. Reeves, Afton, Iowa.	100.00
13.	Geo. Seaman, Utica, Neb.	72.50
14.	Chas. Graff	120.00
15.	Geo. Schwab, Clay Center, Neb.	55.00
16.	B. N. Gasper	80.00
17.	Geo. Schwab	55.00
18.	S. McKelvie & Son	90.00
19.	Geo. Schwab	102.50
20.	J. F. Glothlin, Beaver City, Neb.	90.00
21.	Nels Holm	147.50
22.	B. N. Gasper	80.00
23.	Frank Oakman	65.00
24.	Same	65.00
25.	Nels Holm	87.50
26.	Same	87.50
27.	Same	77.50
28.	Same	65.00
29.	B. N. Gasper	80.00
30.	O. F. Dady, Mason City, Neb.	95.00
31.	B. N. Gasper	80.00
32.	Geo. Schwab	72.50
33.	A. F. McGlaughlin	82.50
34.	B. N. Gasper	110.00
35.	M. A. Sewell, Skidmore, Mo.	55.00
36.	Same	55.00
37.	Geo. Schwab	75.00

## SUMMARY.

Average on 37 head.....\$90.50

## The Thomas, Jameson &amp; Mitchell Sale of Short-horns.

The presence of so many breeders at the sale of Short-horns held at Kansas City, Mo., on June 13th, by Messrs. Thomas, Jameson & Mitchell, of Allen, Kan., shows an increasing interest in this breed in the West. The cattle were scattered over a large territory, three head—White Goods, 47th Duchess of Gloster and a cow with show calf at foot—going to Mr. N. C. Maris, of Portland, Ore., on an order from a northwestern breeder. Col. Geo. F. Bellows opened the sale with a few appropriate remarks and introduced Col. W. A. Harris who gave an interesting talk on Short-horn conditions as they are found today both in America and in Mexico. Colonel Harris bought two heifers for a shipment to be made to Mexico by Short-horn Breeders' Association. The show and breeding bull, White Goods, topped the sale at \$1,150, going to Mr. N. C. Maris, of Portland, Ore. Orange Viscount, the senior herd bull, went to Mr. H. T. Forbes, of Topeka, Kan., at \$600. Mr. Carey Cameron, of Herman, Neb., a rising young Short-horn breeder, furnished the competition on both the herd bulls and but for his persistent efforts to buy they would have gone at a much lower figure. The top on females was paid for the first cow sold, Sunbeam 2d, she going to Mr. E. H. Carter, of Mexico, Mo., at \$505. The bidding was good from start to finish.

## The Flour City

GASOLINE ENGINES  
TRACTION, PORTABLE, STATIONARYKINNARD-HAINES CO.  
MINNEAPOLIS, MINNESOTA  
824 44th Ave. N.VARICOCELE  
Cured Free

Positively and permanently in from 7 to 10 days. No money accepted until the cure is completed.

DRS. FELLOWS & FELLOWS CO.,  
323 Rollins Block, Des Moines, Iowa.

## LANDS AND HOMES FOR SALE



HERBERT HURD.

I can sell you good land in the Coast Country now at \$20 to \$25 an acre—and this land will be worth \$100 in ten years, you mark my words. What was land worth in your locality ten years ago? The men who compose my company are among the largest land owners in South Texas, and we want settlers because all it's going to take to make this land worth a lot of money is people. If you knew this country as well as I do you'll get a slice of it—and the finest of climates. We have no long, cold winters, no droughts—32 inches annual rainfall—and the finest of climates. If you don't want land for yourself you may want it for the boys. I publish a little monthly magazine called "Hurd's Pipe Dreams" which I'll send you FREE. It's full of information about what the farmers in the Coast Country are doing. Write me today and ask for it. A postal will do. Don't wait—the price of land is going up. Let me show you "The Road To Prosperity." [I want good agents.]

HERBERT HURD, V.P. &amp; Gen. Mgr., The Fidelity Immigration Co., 1046 Union Ave., KANSAS CITY, MO.

## TEN : CENTS : AN : ACRE

FOR the best farming land on the continent. A 160 acre farm for \$16.00 (the government filing fee) in GOD'S COUNTRY, its rolling prairie covered with velvet verdure, and it's yours if you will come and get it. It's less than five miles from the Great Northern Ry. in the land of opportunity—Montana. Don't pay any more rent. You can get a round trip ticket from St. Paul for \$25.00, and if you come and see it you'll throw away the return trip stub. For further particulars address

Leo B. Coleman, Glasgow, Montana, Secy. Commercial Club.

## A Great Bargain

800 ACRES in east Kansas, in oil and gas belt; soil rich and productive; 600 acres fine agricultural land, balance good timber and blue grass pasture; three miles from railroad; an ideal stock and grain farm, within sixty miles of Kansas City. Price \$30 per acre; long terms with payment of \$4,000 cash. No trades accepted. Address owner, 818 Wyandotte street, Kansas City, Missouri.

FOR SALE A good farm of 480 acres in Boone Co., Neb., about 320 a. under cultivation, good buildings, 60 a. in pasture, price \$50 per acre, terms to suit purchaser, 6% interest. The O. F. Davis Co., 508 Bee Bldg., Omaha, Neb.

FOR FARMS AND EXCHANGES, write in your first letter what you want to buy, or have to exchange. Fraley and Graham, Ulrich, Missouri.

although buyers seemed disposed to buy at conservative prices. Colonels Harriman and Zaun assisted in the selling. Following is a list of all sales over \$100, and the averages:

## COWS.

Sunbeam 2d and bull calf, E. H. Carter, Mexico, Mo.	\$505
Cowslip's Pride and heifer calf, J. F. Stodder, Burden, Kan.	455
Gratitude 2d and bull calf, W. A. Betteridge, Pilot Grove, Mo.	425
47th Duchess of Gloster, N. C. Maris, Portland, Ore.	425
45th Duchess of Gloster, Harriman Bros., Pilot Grove, Mo.	400
Lavender Bud 2d, H. R. Coffey, Savannah, Mo.	395
Lavender Bud, J. H. McCulloch, Creighton, Mo.	410
Becky Barrister 3d, W. M. Estes, Polo, Mo.	105
Bonnie Bells 5th and bull calf, J. H. McCulloch	275
Imp. Bessie 51st, Everett Hayes, Hiawatha, Kan.	230
Duchess Mary 21st, J. H. Beattie, Savannah, Mo.	100
Maid of Knowmere and bull calf, T. J. Sands, Robertson, Kan.	250
Roan Duchess and heifer calf, N. C. Maris	200
Minerva and bull calf, Pollman Bros., Lacynge, Kan.	205
2d Maid of Knowmere, C. S. Nevius, Chiles, Kan.	125
38th Mary of Glenwood, Peter Ginrich, Wellsville, Kan.	135
Lady Washington 31st, Pollman Bros.	110
Waterloo Rose, Peter Ginrich	140
Winsome Daisy, same	100
Victoria Queen 4th, H. E. Hayes, Olathe, Kan.	355
42d Mary of Glenwood, Col. W. A. Harris	200
Winsome Lassie, W. F. Estes	155
Matchless of Glenwood, H. C. Duncan, Osborn, Mo.	150
Becky Barrister 4th and heifer calf, W. F. Estes	160
Rose of Strathleven, Dr. H. K. Givens, Fayette, Mo.	300
Countess Royal, H. R. Coffey	210
Winsome Flower, Harry Forbes	185
Winsome Rose and calf, Pollman Bros.	105
Duchess Mary 6th, same	100
39th Mary of Glenwood, N. B. Hanson, Willis, Kan.	115
Becky Barrister 6th, Everest Hayes, Hiawatha, Kan.	155

## BULLS.

White Goods, N. C. Maris	1,150
Orange Viscount, H. F. Forbes, Topeka, Kan.	600
Bessie's Viscount, Daniel Kerr, Harris, Kan.	180
Orange Lavender, J. M. Stambaugh, Frankfort, Mo.	170

## SUMMARY.

43 females ..\$ 8,040.00; average..\$186.98	
8 bulls .. 2,287.50; average.. 285.94	
51 head .. 10,327.50; average.. 202.50	

The Homestead and The Homemaker, \$1.25 per year.

I WILL SHOW YOU  
THE ROAD TO PROSPERITY  
IF YOU WILL COME TO  
SOUTHWEST TEXAS.

THE wonderful Gulf Coast Country. I've sold land for ten years, first in one state and then another. But I've quit doing business that way because when I went to the Coast country of Texas I found the best land I ever saw—and I've seen a lot of it. Now I sell nothing but Coast Country land. If you'll come to Texas I'll show you land as level as a floor—good black soil that will raise big crops of Corn, Cotton, Alfalfa, Rice, Sugar Cane, as well as practically all the vegetables and tropical fruits, and many farmers raise three or four crops a year. Why slave and save and raise ten dollar crops on hundred dollar land when I will sell you land that will raise fifty dollar crops for \$25.00? Here's an example: On eighteen different farms, comprising 3,118 acres the crop sold for an average of \$51.66 per acre. This was a field crop grown the same practically as oats or wheat. Can you do as well on your land?

I can sell you good land in the Coast Country now at \$20 to \$25 an acre—and this land will be worth \$100 in ten years, you mark my words. What was land worth in your locality ten years ago? The men who compose my company are among the largest land owners in South Texas, and we want settlers because all it's going to take to make this land worth a lot of money is people. If you knew this country as well as I do you'll get a slice of it—and the finest of climates. We have no long, cold winters, no droughts—32 inches annual rainfall—and the finest of climates. If you don't want land for yourself you may want it for the boys. I publish a little monthly magazine called "Hurd's Pipe Dreams" which I'll send you FREE. It's full of information about what the farmers in the Coast Country are doing. Write me today and ask for it. A postal will do. Don't wait—the price of land is going up. Let me show you "The Road To Prosperity." [I want good agents.]

HERBERT HURD, V.P. &amp; Gen. Mgr., The Fidelity Immigration Co., 1046 Union Ave., KANSAS CITY, MO.

## INVESTMENTS IN COLORADO FARM LANDS

WILL show large profits in a short time. Tremendous irrigation projects are now under way. The Campbell system of dry farming successful beyond expectation insuring large crops. We have lands all over Colorado, prices of which are ridiculously low. Following are a few: 3,500 acres 80 miles east of Denver with some improvements, 2 creeks running through it, every foot can be plowed, price \$8 per acre. 160 acres irrigated, 10 miles north of Denver, with improvements, \$60 per acre. Denver city lots in beautiful residence section, \$50 per lot. For further information write to the Home Investment Company, 604 Mack Building, Denver, Colorado.

## REWARD!!

I WILL pay \$100 in gold to any person who will furnish me the name of a person who will buy 160 acres of good farm land in southeastern North Dakota, the most famous wheat belt in the world. Canada is frozen out and the Southwest has failed. But Dakota, the choicest of all the country, has a bumper crop coming. Fine people, good towns, churches and schools, in fact, everything as you have it at home. Write me for particulars.

John Mueller, - Lisbon, N. D.  
(Agents wanted in every town.)GOOD FARM  
FOR CASH

WE are disposing of our real estate and will sell our 376-acre farm in Pope county, Minn., well improved, for \$7.50 to \$10 less than actual value. Need the money for other business. Address owner, D, care Iowa Homestead, Des Moines, Iowa.

15,000 ACRES OF uncultivated land for sale, 60 miles from Minneapolis and St. Paul. Soil clay loam, the best in the world to produce clover and timothy grass, potatoes, small grain and vegetables of all kinds. Soft water secured at a depth of 25 feet. More or less hardwood timber standing. Buy direct, without paying commission, from owner, A. T. Moe, Midway, St. Paul, Minnesota.

FOR SALE: Two fine farms adjoining the village of New Richmond, Minn. One contains 240 acres, other 110. Improvements on each farm add to the larger buildings are exceptionally good. Every foot of ground available for diversified farming and under high state of cultivation. Farms adjoin. Death of owner reason for selling. Terms given. Village maintains high school. C. W. Wagner, Litchfield, Minn.

HOMESEAKER AND INVESTOR  
WE have a few choice farms in Western and Central North Dakota, which we offer at FARMERS PRICES and on easy terms. Write for full particulars to  
John L. Hempstead, Cashier Farmers Bank, Emerald, N.D.

HALF SECTION FARM FOR SALE in Murray Co., Minn. Good buildings, grove, deep well and wind mill. Eighty rods to school house, three miles from town, good rolling land, well settled and a snap at \$37.50 per acre. Will give any reasonable terms. Address, BURT I. WELD, - SLAYTON, MINN.

LAND ADVERTISING.  
For additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

FOR SALE OR EXCHANGE: General merchandise in Iowa, about \$7,000, for farm. Give full description first letter, location, improvements and number of acres in crop this year. Address C, care The Homestead Company.

300 ACRE improved farm Mercer county Mo., good productive land. 740 acre improved farm Chautauque county, Kan. Owner would take smaller farm or other property in part payment. Address Box 81, Independence, Iowa.

LARGE highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

## LOOK - - LOOK

These are all bargains and will stand rigid investigation. Values and descriptions guaranteed by the owners; 3,500 acres all good dirt; 2,500 of it best of alfalfa land; 500 in alfalfa; well located and improved; central Kansas, only \$15 per acre. 1120 acre corn and cotton plantation, best of dirt, fine improvements, 26 tenant houses, near good town, Mississippi; will consider property north. 80,000 acre ranch, New Mexico, one mile to railway, \$2.50 per acre. 1,600 acres, a dandy ranch, Barber county, Kansas, well located and improved; only \$20,000; will exchange. 640 acres all choice, level first and second bottom land; no waste or overflow; 2 sets good improvements; eastern Kansas; only \$40 per acre. 140 acres, an elegant farm and home in Missouri, near Kansas City; good dirt and improvements; \$9,000. 1,100 acres, all good wheat and alfalfa land, central Kansas, well located and improved; \$15 per acre. 200 acre model farm and home, Marion county, Mo.; this is choice, money maker, price right; full data on application. 640 acres, all good, rich dirt, splendid location and improvements, central Minnesota; only \$40 per acre. 1,150 acres, a dandy farm and ranch near Topeka, Kan.; 2 sets good improvements, good dirt, only \$45 per acre. 380 acre good farm, joins town eastern Kansas; well improved; \$50. A money-making hay business, a good outfit in the hay belt of E. Kansas, \$3,000. I have 320 farms, 110 ranches, 75 stocks of merchandise for sale, some will exchange; will be glad to tell you of them.

FRANK GEE, - LAWRENCE, KANSAS.

Good Farm  
For Sale

160 ACRES of fine irrigating land near Bayard, Neb. Will sell for \$25 cash, which is from \$25 to \$15 less than land men are selling same kind of land for. Need the money for business. Address owner, M, care Iowa Homestead, Des Moines, Iowa.

## IOWA

## THE GREATEST CORN STATE.

IOWA beats all other states, Illinois included, in corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, also some to exchange. Send for it early.

Northern Iowa Land Co., - Independence, Iowa.

## WANTED

INFORMATION regarding good farm that is for sale and which can be bought of owner. No agency need answer. Wish to hear from owner only willing to close his own deal and save buyer paying big commission and money price to some agent. Would also like to hear of good small business for sale by owner. Address:

INFORMATION DEPARTMENT,  
Locator Publishing Co., Minneapolis, Minn.

## 52,000 Acres

HAVE removed fences on our ranch in S. E. Wyoming, which we are cutting up in farms of 160 acres up. Will sell same at \$8 to \$12 per acre. All choice lands.

Morden Land & Loan Co.,  
576 Good Block, - Des Moines, Iowa.GOOD FARM  
FOR SALE

GOOD 640 acre farm in Keith Co., Neb., for sale. Best soil, lies fine; \$10 per acre. Worth at least \$15 to \$20. Must sell at once for cash to close up our estate. Address owners, Westenhaver Bros., Sheldon, Iowa.

ONE CROP PAYS FOR  
THE LAND

IN southeast Wyoming, where we have 75,000 acres of fine farming land that has just been opened up for settlement. Don't delay, but write today for circulars and other information.

ARCADE LAND CO.,  
7 Arcade Bldg., - Des Moines, Iowa.Do You Want Reliable Information  
About the Southwest?

If you are looking for a better location we will give you reliable information about any locality—price of land, crops best suited to it, in fact any information you want before locating. We have no land to sell and will give interested information to any one seeking a better location. MISSOURI PACIFIC IMMIGRATION BUREAU,  
1704 Missouri Pacific Bldg, St. Louis, Mo.

## THE BEST DEAL YET

offered the actual HOMESEAKER is that of The Duluth & Iron Range R. R. Co., in its Meadowslands district of St. Louis County, Minn. Good land at reasonable prices and on 16 years' time. Write for full information to Land Commissioner D. & I. R. R., 625 Wolvin Bldg., Duluth, Minn.

CORN Write for State Map, Book  
let and Weather Report.  
LANDS Sent free. Bazel J. Meek,  
Chillicothe, Missouri.

CORN and Alfalfa farms for sale; good improvements. Write for prices. Jas. S. Sheeran, Solomon, Kansas.



# DAY BY DAY

Agricola

Some of the most even-tempered people in the world are tempted to give hard names to animated beings which displease them. The scientists study such things out in cold blood, and they call the striped cucumber beetle diabrotica vittata. That is a bad name, and the way the beetle lives up to it is awful.

It is in the early life of a vine that the damage is done—while the leaves are young and tender. After it is well established it gives the laugh of scorn to the greedy diabrotica. How can we assist the vine in its babyhood?

The madam of this homestead covers the leaves with ashes. This is hard on the beetles, and somewhat so on the vines. Some gardeners prefer to use air alaked lime, with just enough Paris green stirred in to barely color it. This is still harder on the leaves, but they are careful not to put any on the top side. The under side and the ground is dusted with it, and the enemy completely routed.

Agricola often wonders if the inventor who fails is not often of greater benefit than the world gives credit for, and if he is not a necessary John the Baptist, without which we should yet be in the dark ages.

It was many years ago, when the Iowa State Fair was held in Brown's Park, being then on wheels, that "The Screw Pulverizer" was exhibited as the coming machine to prepare a seed bed. It was an immense drum mounted like a field roller, with a sharp edged spiral screw around it. Six extra good horses could pull it; eight were better, and if the ground were dry it would do good work.

None of them have been made or sold for a quarter of a century. It is because the principle was correct, and other inventors borrowed it and made the disk pulverizers. They are lighter, easier to control, draw much easier, and do better work. But the whole world waited for the screw pulverizer man to pave the way for the disk, and then consigned him and his machine to oblivion.

Blessed be the inventors, those who make money from their inventions, and those who do not. That they may have their inventions stolen and the profits snatched by greedy manufacturers does not rob them of all their happiness, for giving birth to something useful is itself a high honor and fruitful of inward happiness.

There are now so many different brands of American "Portland" cement that one may feel at a loss which to buy. Well, there are several kinds of grain harvesters, and any standard kind is safe to buy. The same with cement. It is easy to know whether any brand offered is all right by asking those who have used it.

Politicians and fruit trees of the Mississippi Valley are better off if they have their heads close to the ground. Less wind to harm them and turn their heads to larboard.

It is a standing wonder to Agricola why so few farmers have the windmills deliver water to the house, as well as to the barn-yard. It is easily arranged, and proves satisfactory all the year around. Better water than the city residents get can be furnished, for it does not have to stagnate in the mains.

Few original pioneers of a state remain there. This is due to two reasons;

the original pioneers were few in number, and some of them were so enamored with pioneer life, that they moved on when other settlers came thick and fast. But an old settlers' meeting in any county will bring out several pioneers and many who followed in their wake, and often proves to be the most enjoyable outing of the year. To Agricola's mind, it is better than a "hoss race."

It is well to have a pasture larger than is really needed for the stock on the farm, and still better to fence this into two pastures and alternate. The same land will produce more grass by alternating, and it will be better in quality, growing up fresh and luscious when taking its fortnightly rest.

A South Dakota young lady has made what she calls an original discovery—the similarity between 1907 and a lumber wagon. Asked to explain she remarked that there was "no spring to it." But there are springs to lumber wagons here, and the way they ease the jolts and jars, although not so perfectly as a phaeton, are good for live hogs en route to their destination, and they save bruises to potatoes and other loads susceptible to jars.

Once we had a bachelor president who cajoled a good woman to marry him right in the white house. This was on the second day of June, and remembering this and that a frost fell all over the broad corn belt that night, let none of us say that so cold a time was never before known. That ex-president still lives, the only one who does, and is still considered good authority on fishing.

The tile dealers in town tell me that they have sold about two car loads of tile per week since the season opened. It has been a good year to put in tile, but so much dry weather was deceptive earlier in the spring and some who contracted tile canceled their orders, thinking they can get along a year or two without them. None who have invested regret it, but are very glad that they are ready for rain and drouth, in so far as human foresight can provide.

Following the advice of the entomological authorities, Agricola delayed planting a piece of sod ground to corn, so that it did not come up until the 5th of June. It was a case of waiting for the cut-worms to metamorphose, but they also waited—and got the corn. I have not yet found any scripture verse of comfort that applies to this special case.

It has been the worst spring for years for turkey poults. Continued cold weather is something the newly-hatched turkeys can not endure, although when half grown they are as hardy as hoot owls. None but the rich will eat many turkeys in the coming winter months.

Michigan potato growers are planning for a big acreage, as the effect of backward weather has been detrimental to much of the vegetable crops and the demand for tubers will in consequence be active this fall and winter.

## THE MARKETS.

Chicago, June 15.—Chicago Stock Yards movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., June 8.	379	28	12,213	6,141
Mon., June 10.	31,635	1,270	51,184	22,532
Tues., June 11.	6,232	2,813	20,923	16,605
Wed., June 12.	20,177	2,910	35,796	15,875
Thur., June 13.	7,106	1,718	26,595	10,634
Fri., June 14.	3,547	478	15,480	14,102
Sat., June 15.	700	25	8,000	2,000

Total this w'k.	69,397	9,214	157,978	81,748
Previous w'k.	64,716	11,270	147,617	63,776
Cor. w'k 1906.	53,170	10,092	163,401	73,779
Cor. w'k 1905.	60,374	8,474	139,700	74,119

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., June 8.	530	1	789	703
Mon., June 10.	8,595	1	5,757	703

The better your wheat the bigger price you'll get for it. To insure a good stool of the grain, it must be properly deposited in the furrow and well covered. You cannot raise a "bumper" crop with a machine that won't plant the seed right. Buy the

## PEORIA DRILL

It will plant so that you will be sure to increase your sows beans, peas, wheat, oats, barley and flax and it or grind the seed. Will drill or broadcast Alfalfa and seeds. Works in all soils; draws lightly and is easy. Discs have self-oiling chilled bearings that are re-lit they wear out. Fitted with Press attachment if desired. No better drill made at any price. Made by an independent factory and sold at anti-trust prices. Circulars free. Peoria Drill and Seeder Co., 258 N. Perry St., Peoria, Ill.



## Four Hogs

Can drink at once in this automatic waterer

### A PERFECT VALVE

Makes leakage impossible. It is guaranteed for five years. Formed by a non-rusting metal ball set on a rubber seat. Thousands in use on colleges and large farms. Satisfaction or money refunded. Write for booklet at once.

PARSONS HAWKEYE MFG. CO.,

ALSO MANUFACTURERS OF "PARSONS" HAWKEYE AUTOMATIC FEEDER.

NEWTON, IOWA.



## FOR \$10.00 PAID ON INSPECTION

You can secure a genuine JONES 5 Ton \$45.00 Wagon Scale, all steel trussed levers, brass complete beam without loose weights, beam box, platform 14 x 8, for pit or without. Warranted against all defects. I, EDWARD F. JONES, personally

guarantee this scale. Pay balance when ship comes in. Send me a postal for my new plan. Address only JONES He Pays the Freight. Box 418 A. Binghamton, N. Y.

## BINDER TWINE FACTORY TO FARM at Lower Prices than Dealers Must Pay the Trust. Farmers wanted as Agents.

AUGUST POST, MOULTON, IOWA.

Tues., J'ne 11.	3,689	21	952	1,572
Wed., J'ne 12.	6,436	70	2,658	1,715
Thur., J'ne 13.	5,328	34	3,890	3,147
Fri., J'ne 14.	3,860	80	3,200	3,395
Sat., June 15.	500	..	2,500	200

Total this w'k.	28,408	206	18,957	10,732
Previous w'k.	29,292	383	23,257	4,085
Cor. w'k 1906.	20,720	182	26,485	9,202
Cor. w'k 1905.	25,698	102	32,479	6,806

### OTHER MARKETS.

South Omaha, Neb., June 15.—Cattle—Receipts, 800; unchanged. Hogs—Receipts, 6,100; steady; top, \$5.95; hulk, \$5.80 @ 5.90. No sheep.

National Stock Yards, Ill., June 15.—Cattle—Receipts, 1,200, including 1,200 Texas; natives quiet; Texas steady to weak. Hogs—Receipts, 4,000; 5c lower; top, \$6.05; hulk, \$5.90 @ 6.00. Sheep—Receipts, 700; steady.

South St. Paul, Minn., June 15.—Hogs—Receipts, 3,500; steady at \$5.65 @ 5.85. St. Joseph, Mo., June 15.—Cattle—Receipts, 400; steady. Hogs—Receipts, 4,300; steady to strong; top, \$5.95; hulk, \$5.85 @ 5.92 1/2. Sheep—Receipts, 800; steady.

Sioux City, Iowa, June 15.—Hogs—Receipts, 7,400; 5c lower; range, \$5.75 @ 5.85; hulk, \$5.77 1/2 @ 5.80. Cattle—Receipts, 300; steady.

Kansas City, Mo., June 15.—Cattle—Receipts, 900; steady; top, \$6.25. Hogs—Receipts, 5,000; steady; close weak; top, \$5.85; hulk, \$5.85 @ 5.95. Sheep—Receipts, 1,000; steady.

### IN THE LIVE STOCK FIELD.

#### HEREFORD BULLS.

A nice bunch of young Hereford bulls are offered for sale by Messrs. Hood & Baker, of Dunlap, Iowa. Some of these are intensely bred in the blood of Anxiety 4th and are good individuals. These are bargains if taken soon.

#### J. O. JAMES' POLAND CHINAS.

One of the best herds of Poland Chinas in southern Iowa is that of Mr. J. O. James, of Braddyville, and in a recent letter he writes as follows: "I have 100 head of March and April pigs, mostly of April farrow, and they are doing well. My early pigs are the best I have ever raised. Miss Allerton, the Garrett sow, has some good ones by Pawnee Lad, and Big Maria by Big Prospect has some extra good ones by the same boar. These are the big, smooth kind, and have the largest bone for their age of any pigs I have ever seen. I think I can make them look like 300 pounds by sale time. Old Anna Price 2d has got some more of the 1,000-pound kind that are O. K. and should interest the man who wants the big ones. I will also have some good fall stuff to go into my sale October 4th." At the head of the James herd stands the great breeding boar, Pawnee Lad, and he has helped materially to bring his herd to the front. We will have more to say of Mr. James' herd later in the season.

MR. J. F. COOK, OF LEXINGTON, KY., SAILS FOR EUROPE.

Mr. J. F. Cook, of J. F. Cook & Co., of Lexington, Ky., has recently left for Europe, to select their importation of jacks. He will attend the International Horse Show at London and will spend several days in Belgium and France visiting some of the principal horse breeding establishments, and while in England will go to Salisbury, Birmingham, Tamworth and Worwichshire to select an importation of Tamworth hogs, which will be shipped to their Lincoln county farm, where they have a large herd. This is the greatest of all bacon breeds and is fast growing in favor throughout the country. He is going much earlier this year than before, and expects to bring over one of the largest importations of jacks ever brought to the United States. The most of the jacks in Spain in the last ten years have been bought by the South Americans, and the only importation to the United States was by this firm. Mr. Cook expects to get back in time for the Kentucky and other big state fairs.

#### PEACH GROVE HERD OF O. I. C. SWINE.

Last week a representative of this paper called on Mr. A. T. Garth, at Larned, Kan., one of the foremost breeders of O. I. C.'s of this country. Mr. Garth has the best equipped farm for raising hogs that the writer has seen. Upon entering this farm, which is located about one-half mile from Larned, the first thing that attracts one's attention is a large barn built of cement blocks and used for no other purpose but for the breeding and caring of his herd. Upon entering the barn we find it equipped with stalls and breeding boxes, and everything that a pure-

## BALES 15 TONS HAY A DAY

The Gem Full Circle Steel Baler offers large feed opening, power head getting greatest baling pressure out of a light team, quick return plunger, allowing two charges to each circle, and brake device which relieves any jerk from the rebound. Easiest for men and horses and bales most. Our press weighs 2,600 pounds, some others only 1,500. Such light presses require constant repairs. We save you \$25 or more in first cost and more every year in repairs. Send us a postal today for prices, 5 days' free trial plan and a free copy of our new "Baler Book."

Established 1867  
GEORTEL CO., QUINCY, ILL.

bred hog breeder should have. The floor is made of cement with good drainage. See photograph of barn on page 11 of this issue. This is the home of Kerr Dick 9028, grand champion at the American Royal in 1903, also second in class to the grand champion at the St. Louis Exposition in 1904. He is now the only living senior champion O. I. C. boar. Mr. Garth was the best bidder at the O. L. Kerr Estate sale held last February, at Independence, Mo., and secured the cream of that noted herd with national reputations. Mr. Garth gives his entire attention to his herd. The different sows purchased by Mr. Garth were shown the writer. Kerr Tryxie 19539 by Kerr Shelton 9526, a young sow that Mr. Garth paid a long price for at the recent Kerr sale, has a litter of seven, four boars and three gilts, sired by Rex, one of the late Mr. Kerr's best breeding boars. Kerr Salla, Kerr Nat Jr., Kerr Illinois, Kerr Fay, Silver and all the other sows have uniform litters that are just getting along fine. Annie, Ida, Alice and Emily, sows purchased from the Vander-alice Bros., of Cheney, Neb., have litters which are in the best possible condition. It would be impossible to enumerate all the good hogs that are found on this breeding farm. Mr. Garth announces that he will hold a public sale at Kansas City during the week of the American Royal show. We will have more to say in regard to this excellent herd of O. I. C.'s at a later date.

#### WATSON BROS.' DUROC JERSEYS.

One of the firms that is strictly in it this year is Messrs. Watson Bros., of Creston, Iowa, who have 250 head of spring pigs this season, and they are a splendid lot. Many of these are February and March farrow and conditions seemed to be just right to insure a good growth. The three boars used in the herd and the sires of most of these pigs are Echo, a grandson of Echo King; Nidlinger's Improved, a son of J. B. J., and Choice Goods Best, a son of Addy's Choice Goods. They also have a good litter by Ohio Chief out of a Proud Advance sow. This sow farrowed nine and saved nine, and while not as early a litter as some of the rest, are nevertheless very good. They also have two litters by Iowa Chief and these are out of a Top Notcher and Matchless Chief sows. Queen Perfection, a daughter of Perfection Chief, farrowed a litter of fifteen and raised eleven. This is a May 6th litter and may be put in the Roosevelt class of brood sows. A Tom Watson sow, out of an Ohio Banner dam, has seven living pigs by the great young boar, Valley Chief, a son of Ohio Chief, and these pigs are line-bred Ohio Chiefs and we will watch the development of these to see what the outcome may be. Messrs. Watson Bros. also have two litters by Big Crimson Wonder, out of Proud Advance sows. They have about sixty pigs by Echo, fifty by Nidlinger's Improved, and sixty-five or seventy by Choice Goods Best. In this herd will be found four Tom Watson sows, two Advancer sows, one daughter of old Advance and one daughter of Perfection Chief, besides a splendid lot of other sows. The boys have been buyers of the very best that money and judgment would get and this year they will certainly be in a position to attend to the wants of all their friends and patrons. Their advertisement will be found in these columns about July 4th and they will be glad to have their friends and intending purchasers come in and see their crop of pigs. Kindly mention The Homestead when writing.

#### HOMESSEEKER EXCURSION RATES.

The Minneapolis & St. Louis R. R. will sell, on the first and third Tuesdays of each month, round trip Homeseeker excursion tickets to points in Minnesota, North and South Dakota and the Canadian Northwest. For full information write W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa.

DO YOU Want \$ Wheat



## OUR SHEEP DEPARTMENT

THIS department is edited by a gentleman who has long made the management of sheep a special study. He will be pleased to answer, in this department, all questions of general interest relating to the care of the flock and other kindred topics. Address inquiries, communications, etc., in relation to sheep to this office.

## MISSOURI DOG LAW.

A step in the right direction in the framing of more rigid laws pertaining to the restraining of dogs from inflicting damage on animals has been taken in the passage of the Brasfield dog law which was approved at the recent session of the Missouri legislature.

In substance, the law requires that every assessor shall list and register every dog over six months old, and in failure to do so he is liable to a fine of not less than \$50 nor more than \$100. The license tax for each male shall be \$1 per year and \$2 for females.

After receiving the registration from the assessor the clerk submits a list of the dogs owned to the constable of the township and it will be a part of his duty to collect the tax, and in cases where there is refusal, to put an end to the dog, for which service to the public he shall be recompensed \$1.

When any animal of the dog kind injures any person not a trespasser or kills or maims sheep or other domestic animals he may be killed by any person at any time or place. For the damage done, the full value including the court cost and other fees, may be collected from the owner of the dog by the person who suffered the loss. Should the owner of the dog be unable to pay the damages the county court shall order such judgment and cost to be paid out of the dog fund.

In any case where damage to domestic animals is done and it is impossible to discover or identify the owner of the dog doing such, claim may be made to the county court, and after a substantiation of the claim the damages may be paid out of the county dog fund.

This is the law in general, and while there are parts of it that may seem impractical, it no doubt is a long step in

the right direction for the elimination of the dog evil.

## The Needs for and Methods of Dipping.

To the Editor of The Homestead:

As has been oft-repeated, parasites in one form or another are the greatest evil with which the shepherd has to contend. Not only are they responsible for great losses, but they are persistent and often hard to eradicate. However, nearly all external parasites can be eradicated or kept well in check comparatively easy.

The scab-mite is the worst external parasite of common occurrence, but is practically absent in the corn belt. Ticks, however, and sometimes lice, infest sheep more or less and few flocks are entirely free from ticks. Inasmuch as a large number of ticks may become a serious pest, preventive measures should be employed rather than have them become so numerous as to cause a large loss. Dipping is the plan to follow in this, and is the only sure method. Two dippings a year will insure the flock free from external parasites, and also be conducive to the health and growth of the fleece. One dipping per year may be sufficient if the flock is dipped immediately following shearing. This is the best time to do the work, and the lambs should always be dipped a few days after shearing whether the old sheep are or not, for ticks will migrate from the old sheep to the lambs at this time, as they find the close-cut wool does not afford them protection enough from the sun.

As to methods of dipping, the simplest plan to follow for ordinary-sized flocks is to use the ordinary dipping tank. This may be either wood or sheet iron, and if wooden may be home-made. However, the cost of a ready-made iron tank is only \$12 or \$15, which is less than one can be made for as a rule. The tank should be at least four feet deep, the sides are flaring, being about thirty inches apart at the tip and only ten or twelve at the bottom. This shape requires less dip to fill deep enough for immersion of the animal. One end is perpendicular, while the opposite end is quite slanting, so the sheep may walk up and out. A wooden board with cleats cross-wise should be fastened in this end as a sort of stairway to afford a foot-

**Here's a SNAP**

Eight-foot galvanized steel tank for Sheep or Hogs and 5-gallon can Milk Oil Dip, free on board Chicago.

Special rates on large lots. Three \$2.00 packets of Cooper Sheep Dip may be substituted for Milk Oil if preferred. 5 gallons Milk Oil Dip, without tank, \$3.00, F. O. B. Chicago.

Our line includes **Summer's Worm Powders, Toxaline Worm Remedy, Ear Labels and Buttons, Branding Liquid, Tattoo Marker, Sheep Shears, etc.** Illustrated catalogue of all Stockmen's Supplies free by mail.

**F. S. BURCH & CO., 177 Illinois Street, CHICAGO, ILL.**

## MILK OIL DIP

**OLDEST AND BEST AMERICAN DIP**

**\$12.50**

**5 GALLONS**



hold to make it convenient for lifting the sheep into the tank and it should be sunk into the ground a considerable depth. Some provision should be made for draining the sheep after they come from the tank. Nothing is more convenient for this than a tight wagon-box with a couple of small cleats nailed on the floor at the back end in such a manner that the liquid will be guided back into the tank. By the time the bed is full the head ones may be let out at the front end and room made for more. Some firms manufacturing tanks also furnish a flat sheet iron plate that will go in the wagon-bed.

As to the kind of dip, practically any of the standard dips on the market are perfectly reliable, and these should be used strictly according to directions. Tobacco decoction is also a good preparation for lice and ticks. This should not contain over 2 to 5 per cent of tobacco. In using any dip, get it of sufficient strength, see that the animal is entirely immersed and keep each one in the liquid at least half a minute. Dipping requires comparatively little time, but will well repay any flock owner.

Ellis Rail.  
Story county, Iowa.

The flesh of goats is eaten in many places and where the animals have been fed properly the flesh is of a nice mutton flavor. In fact, many could not detect the difference. The flesh of any animal partakes of a flavor not unlike that of the food on which they subsist. The flesh of the common goat that has been pastured in the alley or the weed patch, naturally, would be coarse and strong, but goats that have grazed on good pastures and have had some grain or forage make a good substitute for mutton.

## The Week in Kansas.

To the Editor of The Homestead:

There is a saying which means, if there is ever a perfect day, it will be in June. At last we have had a whole week of perfect days. It is the kind of weather now that we have been waiting for so long. Sunshine, rain and warmth have all been in just the right quantities this week, consequently the crops have gone a long ways towards recovering from the long siege of unfavorable weather.

Last Friday, the 7th, was the hottest day we have had in 1907. The thermometer was well up in the nineties, with very little breeze. This caused us to remember that the winter underwear was not needed. Whether it was this hot day or just the natural coming of things that brought it, one of the best rains of the season fell on Sunday, taking the greater part of the day to fall in. Just the right amount of water fell, stopping only short of making water run out of the fields. Tuesday work was resumed in the fields, and ground is being put in the very pink of condition. The lumps have all vanished, and there is no sod of weeds or grass to bother, so a cultivation leaves behind nothing but a clean field of corn.

Wheat is looking well wherever the stand is sufficient to make a good showing, but there are very many fields of thin wheat. Some will hardly make four bushels to the acre and other fields look good for thirty bushels, so the reader will see that there is no uniform way of expressing an estimate. It might be said that the average wheat looks about like ten to fifteen bushels to the acre. Oats are very short in straw and head, but will probably stretch up enough so they can be bound with a binder. The yield will be very light, however.

Quite a crop of the later varieties of strawberries are being gathered now, so strawberries and cream are on the Kansas farmer's bill of fare, after all. There will also be a fair crop of the late vari-

## SHEEP.

## WOOL

WE have made arrangements to act as agents for one of the largest wool concerns in the East. We can pay you more money than you have been getting. We furnish wool sacks and twine to our shippers. We keep your shipment separate until you are satisfied. Get our prices. Reference—Iowa Homestead, Citizens Bank, Decorah, Iowa, and farmers in all parts of the state. Write today.

**THE ADAMS SEED CO.,**  
DECORAH, IOWA.

## GEORGE MCKERROW &amp; SONS, PEWAUKEE, WISCONSIN

IMPORT, breed and sell the best of Shropshire, Oxford and South-down sheep. Show sheep and flock leaders.

## More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free. MYERS-BOYD COMMISSION CO., ST. LOUIS, MO.

## Allen's Shropshire Rams and Short-horn Bulls

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

GEORGE ALLEN, Lexington, Neb.

## FARM DRAIN-TILE

Write for circular and prices.

Pella Drain-Tile Co., Pella, Iowa

## DRAIN TILE AND BRICK

All sizes of Drain Tile, from 8 to 12 inches, of the Best Quality. We invite comparison with any Drain Tile made. Write us for prices. RANEY BROS., FAIRFIELD, IOWA.

SELL TOBACCO AND CIGARS locally or traveling. Salary or commission. Full time or side line. Steady work; good pay; promotion. Address, Morotock Tobacco Works, Box 8-98, Danville, Va.

eties of blackberries, if weather continues favorable. All the earlier varieties of berries were killed by the freezing.

This is one of those "just right" evenings. The wind blows balmy from the south, bringing with it the perfume of the timber along the creek. Everything is stretching up with growth, even the male and female population of a supposed "growing age." Weather like this, after so much of the unfavorable, cannot help but bring peace of mind, which is calculated to induce contentment and growth, or both. This is Kansas again.

Henry Hatch.

Coffey county, June 12th, 1907.

## Timely Books.

The Homestead has recently received from the Orange Judd Co., three timely works on three important subjects, namely: "Celery Culture," by W. R. Beattie; "Tomato Culture," by W. W. Tracy, and "Bean Culture," by Glen C. Sevey. These are 150-page books, all well illustrated, and while technically sound, yet nevertheless they are written for the practical man.

The work on "Bean Culture," for example, gives the history and botany of the bean, the conditions affecting growth, kind of soil adapted to it, varieties that should be chosen, methods of harvesting, and also insects and diseases that affect the crop, together with the remedies. The tomato is handled by Mr. Tracy much in the same way, and we have no hesitation in saying that those of our readers who grow tomatoes even on a small scale will be interested in this book.

Into his work on "Celery Culture," Mr. Beattie has certainly packed a large amount of useful information. Almost every page of the book is illustrated and it is adapted not only to beginners, but also to experienced celery growers.

These books are for sale by The Homestead Company at fifty cents each.

## OUR RED LETTER

## Combination Offer

AGAIN OPEN TO THE FARMERS OF THE MIDDLE WEST

**FIVE SPLENDID PAPERS and MAGAZINES for \$1.25 A YEAR. SEND US YOUR SUBSCRIPTION TODAY.**

The Homestead has never made an offer to its subscribers which proved so widely and immediately popular as did our famous "Red Letter Combination" last season. Thousands upon thousands of farmers throughout the corn belt took advantage of it to supply their families with an abundance of wholesome, instructive and entertaining periodical literature, and we have been asked many times if the offer would again be open to renewals and new subscriptions. Although the profit on such an offer is necessarily small, we have decided to repeat the offer during the present season and have secured the consent of the other publishers interested to advertise it again for a limited time, subject at any time to revocation without notice.

## THESE FIVE PUBLICATIONS FOR \$1.25 A YEAR.

The Homestead, the world's greatest farm paper, published weekly at the heart of the corn belt and dealing with agricultural problems from the middle-western point of view; edited by farmers residing upon and operating their own farms; not a one-man paper, but the embodiment of the combined wisdom and experience of a large staff of editors and contributors; with departments covering the whole range of farm life in this section.

The Chicago Weekly Inter Ocean, a grand general family newspaper, giving an abundance of news, literature, poetry, humor, market reports, reading matter for women and children—something for every member of the family.

The Kansas City Weekly Star, an able, fearless, independent newspaper, dealing with the problems of the day from an independent point of view. Literary contents very attractive and uplifting.

The Homemaker, a delightful monthly for the women and children of the farm, readable and valuable from first page to last—brightening and broadening the life of every member of the farm.

The Farm Gazette, a beautiful magazine of profitable agriculture, printed on fine paper, with elegant illustrations and a cover in colors.

If already a subscriber for any of them, your time will be extended for one year.

To secure this great bargain, clip and fill out the following coupon:

Date .....190..

Homestead Company, Des Moines, Iowa:

Enclosed find \$1.25, for which please send the following five newspapers and magazines for one year to my address: Iowa Homestead, Chicago Weekly Inter Ocean, Kansas City Weekly Star, Farm Gazette and Homemaker, as per your special offer to Homestead readers.

Name .....

Postoffice .....

Rural Route ..... State .....



## Dates Claimed for Live Stock Sales.

## DUROC JERSEYS.

- Oct. 1, D. R. Willson & Son, Redfield, Iowa.  
 Oct. 1, W. H. Heith, Tecumseh, Neb.  
 Oct. 2, W. M. Putman, Tecumseh, Neb.  
 Oct. 3, Elmer Lamb, Tecumseh, Neb.  
 Oct. 3, Roy West, Bondurant, Iowa.  
 Oct. 4, R. F. Miner, Tecumseh, Neb.  
 Oct. 5, F. C. Crocker, Filley, Neb.  
 Oct. 9, Turner Able & Son, Rockstar, Ill.  
 Oct. 9, Frank Butterfield, Polk City, Iowa.  
 Oct. 10, Lein Bros., Story City, Iowa.  
 Oct. 10, W. S. West, Hanna City, Ill.  
 Oct. 12, Preston & Yustin, Corning, Iowa.  
 Oct. 15, H. B. Griffiths, Bowen, Ill.  
 Oct. 15, Beer sale, Claude Huffman, Scranton, Iowa.  
 Oct. 16, McNeil Bros., Bowen, Ill.  
 Oct. 17, Thomas & Hogsett, and Fagan, Browning & McCabe, at Golden, Ill.  
 Oct. 18, Fred Krachel & Son, Macon, Ill.  
 Oct. 19, J. M. & W. T. Gatten, Springfield, Ill.  
 Oct. 21, J. W. & Earl Taylor, Kokomo, Ind.  
 Oct. 22, Manlove Bros., Bowen, Ill.  
 Oct. 22, A. T. Sundell, Paton, Iowa.  
 Oct. 23, R. R. Steele, Cedar Rapids, Neb.  
 Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
 Oct. 23, Geo. W. Seckman & Son, Mt. Sterling, Ill.  
 Oct. 24, A. W. H. and Albert H. Orr, Lorimor, Iowa.  
 Oct. 24, M. W. Greer & Son, Rushville, Ill.  
 Oct. 24, J. E. Nichol, Pierson, Iowa.  
 Oct. 24, A. P. Alsin, Boone, Iowa.  
 Oct. 25, Risser Bros., Sanborn, Iowa.  
 Oct. 25, S. S. Puckett, Lynchburg, Ohio.  
 Oct. 26, J. A. Russell & Son, Corning, Iowa.  
 Oct. 26, Boyd & King, Lynchburg, Ohio.  
 Oct. 29, Watson Bros., Creston, Iowa.  
 Oct. 30, Geo. R. Manifold, Shannon City, Ia.  
 Oct. 31, W. H. Cummings & Son, Tecumseh, Neb.  
 Nov. 1, Con McCarthy, Henderson, Neb.  
 Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
 Nov. 4, Chas. Liebhart, Marquette, Neb.  
 Nov. 5, Stansell & Matern, McNabb, Ill.  
 Nov. 6, O. L. Mossman, Polk City, Iowa.  
 Nov. 7, S. L. Hopper, Neola, Iowa.  
 Nov. 9, Boar sale, Hood & Baker, Dunlap, Ia.  
 Nov. 9, H. G. Warren, Inland, Neb.  
 Jan. 16, S. G. Collicott, Lake City, Iowa.  
 Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
 Jan. 21, Weighton & Ashby, Audubon, Iowa.  
 Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
 Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
 Jan. 23, Reisser Bros., Sanborn, Iowa.  
 Jan. 23, Robt. Pritchard, Carroll, Neb.  
 Jan. 24, B. A. Shafer, Sanborn, Iowa.  
 Jan. 24, W. M. Lessman, Wayne, Neb.  
 Jan. 25, Henry Waltersdorf, Hartley, Iowa.  
 Jan. 31, Hood & Baker, Dunlap, Iowa.  
 Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
 Feb. 3, Robt. Schaal, Polk City, Iowa.  
 Feb. 4, Frank Butterfield, Polk City, Iowa.  
 Feb. 5, E. E. Cartwright & Son, Pilot Mound, Iowa.  
 Feb. 6, W. R. Bennethum, Madrid, Iowa.  
 Feb. 7, O. A. Olson, Madrid, Iowa.  
 Feb. 10, Claude Huffman, Scranton, Iowa.  
 Feb. 10, Roy West, Bondurant, Iowa.  
 Feb. 10, Geo. H. Miller, Charleston, Iowa.  
 Feb. 11, Perry Livengood, Castane, Iowa.  
 Feb. 11, L. H. Roberts, Paton, Iowa.  
 Feb. 11, W. J. Prather, Russell, Iowa, at Chariton, Iowa.  
 Feb. 12, Clark & Tryon, Wausa, Neb.  
 Feb. 12, D. F. Counts, Mepleton, Iowa.  
 Feb. 12, H. S. Allen, Russell, Iowa, at Chariton, Iowa.  
 Feb. 12, A. P. Alsin, Boone, Iowa.  
 Feb. 13, Isenbarger Bros., Bettie Creek, Iowa.  
 Feb. 13, Sexsmith & Strong, Greenfield and Orient, Iowa.  
 Feb. 14, Marion Booth, Battle Creek, Iowa.  
 Feb. 14, Watson Bros., Creston, Iowa.  
 Feb. 15, Geo. R. Manifold, Shannon City, Iowa.  
 Feb. 15, Geo. Manifold, Shannon City, Iowa.  
 Feb. 18, Lein Bros., Story City, Iowa.  
 Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
 Feb. 21, Fred Frazier, Ankeny, Iowa.  
 March 3, Geo. W. Custer, Merville, Iowa.

## SHORT-HORNS.

- June 26, A. B. Clark, Wayne, Neb.  
 July 11, A. H. Brett, Mason City, Iowa.  
 Sept. 10, C. C. Bigler & Sons, Victor, Iowa.  
 Oct. 1, Mrs. Welcome Mowry, Adm's tr'x., Traer, Iowa.  
 Oct. 2, H. J. Weber, Jefferson, Iowa.  
 Oct. 4, Lucas County Short-horn Association, C. A. Huntley, Sec'y., Chariton, Iowa.  
 Oct. 7, L. B. Converse, Maryville, Mo.  
 Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
 Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
 Oct. 12, Geo. H. Dietz, Manning, Iowa.  
 Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
 Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
 Oct. 23, A. C. Shellenberger and Thos. Andrews, Alma, Neb.  
 Oct. 24, S. W. Hogate and J. T. McMahon, Bladen, Neb.  
 Oct. 24, S. W. Hogate, Bladen, Neb.  
 Oct. 25, T. B. Hart and James K. Alexander, Edinburg, Ill.  
 Oct. 25, R. C. Firme, Hastings, Neb., and J. D. Lamp, Inland, Neb.  
 Oct. 29, John Rasmussen, Lake City, Iowa.  
 Oct. 30, Hector Cowan, Paulina, Iowa.  
 Oct. 31-Nov. 1, Wm. Ernst & Son, Tecumseh, Neb.  
 Nov. 13, Con McCarthy, Henderson, Neb.  
 Nov. 23, Joseph Miller & Son, Grenger, Mo.  
 Dec. 19, J. T. Judge, Carroll, Iowa.  
 April 15, Andrew County Short-horn Breeders' Assn., H. R. Coffey, Mgr., Savannah, Mo.

## POLAND CHINAS.

- Sept. 28, Fred Rood, Clearfield, Iowa, H. Fessenmeyer, Clearfield, Iowa, at Clearfield, Iowa.  
 Oct. 4, J. O. James, Braddyville, Iowa.  
 Oct. 10, W. D. Fulton, Villisca, Iowa.  
 Oct. 15, E. C. Blauer, Mount Airy, Iowa.  
 Oct. 15, John Blain, Pawnee City, Neb.  
 Oct. 17, H. L. Ackerman, Clearfield, Iowa.  
 Oct. 23, Jens Jensen, Exira, Iowa.  
 Oct. 25, Fred Rood, Clearfield, Iowa.  
 Oct. 26, H. L. McKelvie, Fairfield, Neb.  
 Oct. 30, Ralph Mechem, Larabee, Iowa.  
 Nov. 6, W. J. Crow, Webb, Iowa.  
 Nov. 9, G. H. White, Maivern, Iowa.  
 Jan. 29, Fred Rood, Clearfield, Iowa.  
 Feb. 19, W. W. Wheeler, Herlan, Iowa.

## HEREFORDS.

- Feb. 25, 26, 27, C. A. Stennard and others, Emporia, Kan., at Kansas City, Mo.  
 Feb. 16, Andrew County Hereford Breeders' Assn., W. H. Stevenson, Mgr., Savannah, Mo.

## Dates Claimed for Live Stock Sales.

## ABERDEEN ANGUS.

- June 25-26-27, L. H. Kerrick Est., Bloomington, Ill., W. C. McGroock, Mgr.  
 Sept. 25, H. L. Centine, Quimby, Iowa.  
 Sept. 26, Lem Lemar, Storm Lake, Iowa.  
 Sept. 26, Berry Lucas, Hamilton, Mo.  
 Oct. 16, John E. Griffith, Washington, Iowa.  
 Oct. 23, L. M. Atwood, Lengdon, Iowa.  
 October 24, Wm. H. Mincer, Spencer, Iowa.

## STANDARD O. I. C. SWINE.

- Oct. 10, J. S. Kennedy, Blockton, Iowa.

## O. I. C. SWINE.

- Oct. 18, A. T. Garth, Larned, Kan., at Kansas City, Mo.

## POLLED DURHAMS.

- Oct. 30, Jas. Willson & Sons, Avoca, Iowa.

## SHORT-HORNS AND POLAND CHINAS.

- Oct. 8, Ira Cottingham, Eden, Ill.

## POLAND CHINAS AND DUROC JERSEYS.

- Oct. 19, E. A. Olive, Scranton, Iowa.

## POLAND CHINA AND O. I. C. SWINE.

- Oct. 23, F. G. Paul, Laurel, Iowa.

## FIELD NOTES.

A few splendid fall Poland China boars are offered for sale by Mr. F. W. McIntyre, of Red Oak, Iowa.

Any reader having farms or other real estate to exchange or trade should write what they have to Messrs. Fraley & Graham, Ulrich, Mo. Mention The Homestead.

A good farm in Keith county, Nebraska, is offered for sale at prices that should bring buyers quick, on page 15. Address for further particulars, Westenhaver Bros., Sheldon, Iowa.

About twenty Hereford bulls are offered for sale by Mr. A. Spooner, of Mondamin, Iowa. These are all sired by one of the best sons of Beau Donald and are ready for active service.

A cash price is made on a 376-acre farm on page 15 that certainly bespeaks a good offer for the person who takes it before the other fellow. Write for particulars to owner, D. care of The Homestead, Des Moines, Iowa.

A few good Ohio Chief hogs are offered for sale by Mr. W. A. Rankin, of Carson, Iowa. These are all right and Mr. Carson is pricing them within the reach of all. One of these is a splendid yearling that he has used in his herd. Write him and mention this paper.

A fine 160-acre Nebraska farm near Bayard, is priced on page 15. The land is suited well to irrigation and full particulars regarding the land and price will be answered by making inquiry of the owner, whose address will be M., care of The Homestead, Des Moines, Iowa.

The Andrew county, Missouri, Hereford breeders have formed an association for the purpose of holding annual sales and furthering their interests in the breed. Mr. W. H. Stevenson, of Savannah, Mo., has been chosen to manage the sales and claims April 16th for their first sale.

A half section of good Minnesota farm land, with first-class buildings, is listed among our land advertisements this week on page 15. School is near by and town but three miles. The seller will make very reasonable terms. Address mentioning The Homestead, Mr. Burt I. Weld, Slayton, Minn.

Anyone afflicted with piles should write for the cure offered on page 9. You pay for it only after you are satisfied that it has done you good. It is claimed by the makers to have cured thousands. Write for a full treatment, enclosing six cents in stamps. Address Phelps Chemical Company, Lynnville, Iowa. Mention this paper.

The Andrew County, Missouri, Short-horn Breeders' Association claim April 15th for their annual sale to be held at Savannah, Mo. Mr. H. R. Coffey, of Savannah, Mo., manages these sales and each member of the association takes pride in consigning only such stock as he is satisfied to have put up as representative of the class of cattle he breeds.

The attention of stallion buyers is directed to the advertisement of a four-year-old registered Shire stallion on page 19. This animal will be for sale after July 1st and in the absence of further particulars we would advise prospective buyers to write to the owner for information, mentioning The Homestead. Address Mr. D. K. Winter, Maryville, Mo.

Mr. G. E. Patch, Blandinsville, Ill., writes us that he is in line for business with his herd of Poland Chinas, as usual, and at present can supply animals of all ages and both sexes. Shipments can be made with two express companies and every effort will be made by Mr. Patch to insure satisfaction and safe shipments. Write him, mentioning The Homestead. See page 19.

Millet is a fine crop as a filler and its wide adaptability to soil and other conditions makes it a valuable side crop. Seed of good quality may be now secured of the Adams Seed Company, Decorah, Iowa. They also carry a good stock of field peas, and late sowing seeds. Write at once, as seeds of good quality are in active demand. See page 13 and kindly mention The Homestead when writing.

Mr. J. L. Slick, Lanark, Ill., has always got something good in the line of Poland Chinas and Short-horns for sale. At present writing he is offering some good substantial boars ranging from fifty to 200 pounds in weight, and also a nice lot of sows bred for August and September farrowing. His bull offering includes some well-bred Scotch-topped bulls ranging from ten to thirteen months old. Write him for prices or visit the farm, mentioning The Homestead.

Ranches in southeastern Wyoming are being thrown open to settlement as fast as fences can be removed. This land, formerly cattle grazing land, now offers great opportunities for the homeseeker. On page 15 is announced the opening of some 52,000 acres of choice ranch land. This is priced in the same place and will be sold in lots for farms suitable to the desire of the land seeker. Write or visit this firm and we are sure they will give any of our readers the best of treatment. Address Morden Land

& Loan Co., 576 Good Block, Des Moines, Iowa. Kindly mention this paper in your inquiry and favor both us and the advertiser.

A 480-acre Boone county, Nebraska, farm is offered for sale on page 15. Of this, 320 acres are in cultivation and good buildings go with the farm. Address for full particulars the O. F. Davis Co., 508 Bee Bldg., Omaha, Neb. Terms easy. See advertisement.

Two fall Aberdeen Angus sales of note in northwest Iowa will be those of Messrs. L. L. Atwood, of Langdon, and Wm. R. Mincer, of Spencer, October 23d and 24th respectively. Later announcements will set forth the quality and extent of the offering which will no doubt be of a character to command the attention of careful and thoughtful breeders of this popular breed of cattle.

"Come and see our bunch" is the hearty welcome that Messrs. E. L. Nagis & Son, breeders of Chester Whites, extend to prospective buyers and others interested in the future of this breed. They have some thirty head of Merck and April boars to choose from and they are a good, useful lot all through. Book your order or visit, mentioning The Homestead. See page 21 for advertisement.

Maple Grove Stock Farm, at Bowen, Ill., owned by Messrs. McNeil Bros., and noted for the great Duroc Jersey boars in service there, is quite alive with spring pigs and there are 100 choice ones from which breeding stock may be selected. The crop is sired by the best of the breed and no doubt offer unusual opportunities for most aristocratic selection of blood. See their advertisement on page 23 and mention The Homestead when having your order booked.

The Pella Drain Tile Co. are old and well-known makers of high grade tile. There is as much difference in the quality of tile as in brick or anything else. Few people realize this fact. We would recommend our readers to the Pella brand of tile. They will no doubt be able to quote prices on car-load lots as well as on small orders. Write them and kindly mention The Homestead. See page 17 for their notice. Address Pella Drain Tile Co., Pella, Iowa.

On page 19 of this week's issue will be found the advertisement of Dr. E. W. Gammon, of St. Charles, Iowa, who offers a yearling Hereford bull for sale sired by Polled Assurance 193115, the most noted double standard polled Hereford bull in the world. This fellow has horns, but he will undoubtedly breed off a large per cent of the horns, owing to his breeding. Any of The Homestead readers who want a nice young Hereford bull should write Dr. Gammon or go and see this bull.

But five of the sows bred to Crimson Wonder Again, writes Mr. H. S. Allen, of Russell, Iowa, are left and the first orders get them. They are mostly yearlings that have raised early litters and will be a safe investment for anyone. The fall boars are all sold out and now orders are being taken for the spring crop. Crimson Wonder Again pigs are a most promising lot and every breeder should covet some of this reliable blood. See page 23 and mention The Homestead when writing Mr. Allen.

Mr. A. H. Orr, of Lorimor, Iowa, is one of the newer breeders of Duroc Jerseys who is endeavoring to found a good herd of this breed. He has about thirty spring pigs sired by Advance Orion and a lot of fall sows sired by Modoc Chief. Among his best brood sows is Miss Surprise. She raised twenty pigs for him last year and seven this year. He has a nice Perfection Chief gilt out of a dam by old Brilliant, bred for July farrow to Advance Orion. He will make a public sale with his brother on October 24th, at which time he will sell the pick of his boar crop, as well as the choice of these fall sows. At the same time he will also sell some good cattle and horses.

Messrs. D. & J. McCarty, Winthrop, Iowa, breeders of registered Polled Hereford cattle, are offering some twenty-five head of choice heifers and young cows and a few young bulls old enough for service, in their advertisement on page 21. While this kind of cattle are not so well-known as yet, great interest is being shown by stockmen in the possibilities of the Polled Hereford. We would advise any stockman when in the vicinity of these breeders to call and see them. Any other parties interested should write to these advertisers for fuller particulars regarding their offer. They will be pleased to answer any correspondence along this line. Kindly mention The Homestead when writing them.

"We want to sell or trade Imp. Lord Mount Stephen 206904," write the Ardmore Stock Company, of Hoisteln, Iowa, "for some good Scotch heifers, and invite correspondence from any breeder needing a bull that is an excellent individual, with a good show record, a sire of the right kind of calves, and an imported bull from a good family of Scotch cattle, the Missies. This bull is fully guaranteed as a breeder, is offered because of no fault, but because we have one more herd bull than we need and we need more Scotch heifers of the right kind. We will trade for no inferior stuff. We have on hand for sale at very reasonable prices, quality considered, some Scotch bulls, a Victoria by Imp. Scottish Pride 128543, a Lavender by the same sire and a Miss Ramsden by Imp. Lord Mount Stephen. The Lavender is just three years old and prospective buyers can see his calves at our farm. The other two are twenty-one months old. They are good individuals, red in color. We also have two Scotch-topped calves, a twenty-months-old roan from a good milking Short-horn cow that is also an excellent flesh carrier, at \$125, and the other a Jenny Lind, a red, sixteen months old, at \$100. We have a few choice March boar pigs ready for sale and shipment. Also one or two February boars. Also sow pigs ready for shipment, and a few April pigs that will be ready to wean and ship within the next two weeks. We are going to price these young pigs at attractive prices to move them at once, as we recently made a purchase of thirty-six head of good Berkshire sows and need the room. This shipment of sows we purchased from Mr. C. J. Martin, owner of the Adaza herd of Angus cattle and Berkshire hogs. They are a very choice lot of the right type, with good heads, plenty of bone and length, and the kind of bodies that fill the pork cellars. They will be bred to farrow early next spring, and

we hope to be able to make a public sale offering of bred sows some time in latter February." Kindly mention The Homestead when writing this advertiser.

Act at once if you want a chance at the 800-acre tract of land in eastern Kansas offered on page 15. This is in the oil and gas belt and the soil within its confines is rich and productive, especially 500 acres of it. Some is timber. Being situated but three miles from railway this tract should offer a fine location for a grain and stock farm; but sixty miles from Kansas City. Write the owner for particulars of long-term payment. Address Jackson-Foster Land Company, 818 Wyandotte St., Kansas City, Mo. Mention The Homestead when you write.

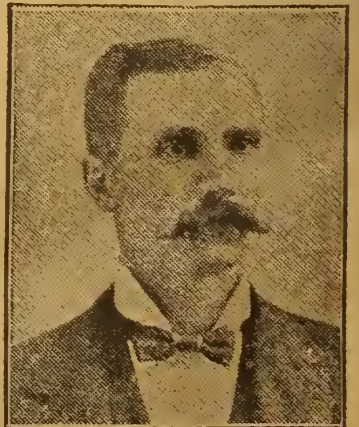
Messrs. D. R. Wilson & Son, of one of the prominent Duroc Jersey breeding farms near Redfield, Iowa, announce their offering of pigs in this week's issue of The Homestead. They have something like 100 head of well-bred youngsters on hand, and sired by such boars as La Follette and Wilson's Top Notcher. Both of these sires are splendid individuals, as their get will show on inspection. For those who want something mature they have a nice lot of fall stuff sired by College Chief. Any of our readers who are looking for this breeding should write for prices, and we can assure them their inquiry will be promptly attended to. Visit the farm if possible and make your selection early, as the demand for good breeding Duroc Jerseys will no doubt be strong this season, as in the past.

Mr. H. L. Ackerman, of Clearfield, Iowa, will make a public sale of Poland Chinas at the above place on October 17th. A few years ago Mr. Ackerman went out and purchased of Messrs. Fred Rood and J. H. Wintermute enough sows to establish a herd, and it is from this beginning that he has been enabled to build up a good herd. He has seven sows sired by old Jumbo (Mr. Wintermute's well-known herd boar) and they all have pigs by Napoleon Jr., a lengthy, big-boned boar that has been used with the best of results in his herd. A number of his sows are bred to a son of R's Pawnee Lad for fall litter. He has seventy-two spring pigs nearly all sired by Napoleon Jr., and these he is growing out for his October sale. Mr. Ackerman will make his first public sale this year and he will endeavor to put in some good things.

Mr. A. W. H. Orr, of Lorimor, Iowa, is one of the well-known breeders of Union county, and he has a nice bunch of about fifty spring pigs this year. While his crop is not a large one, there are, nevertheless, some very good ones in the bunch. These are sired by Advance Orion 52759, a son of Proud Advance, out of an Orion dam. This boar is owned jointly by himself and his brother, and is the sire of the most of the pigs in the herd. One of his best litters is sired by him and is out of Molly Moline, a great-granddaughter of old Orion. One of the best sows he has is called Graceful and she has a litter of six nice pigs by Fancy Perfection, the Jud Pollock boar. Mr. Orr has a litter by Modoc Chief, his former herd boar, out of a Leo Tolstoy sow. He also has seven good pigs by Advance Orion out of a sow called Red Ruby. On October 24th he and his brother will make a public sale, at which time they will offer for sale some of their best boars and a few choice sows.

In submitting copy for a change of advertisement Messrs. Maasdam & Wheeler, Fairfield, Iowa, write that their importation of twenty head of Percheron stallions and mares arrived at Fairfield, Iowa, May 30th, where they are now on inspection. They came through in good condition, considering the long trip, and present a splendid assortment for careful selection. All the individuals were carefully chosen from among the best on the other side, and represent the choicest breeding line that could be obtained in France. As in the past, the object of this firm has been to sell only the best. Their entire offering now numbers ninety-four head of imported and home-bred stallions and mares from one to eight years old. For quality, heavy bone and soundness these animals are difficult to excel. Anyone looking for good breeding stock is cordially invited to visit the farm at Fairfield, Iowa, and inspect the horses. The farm is three miles south of town and visitors will be met on notification and furnished with transportation to and from the farm. Kindly see their advertisement on page 21 and mention The Homestead when writing.

Col. C. C. Keil, well known to Homestead readers as a breeder of Short-horn cattle and Duroc Jersey hogs, and as live-stock auctioneer, advises us that he is now nicely located at Grinnell, Iowa, where he will attend to the auction business, exclusively, and devote all of his time to the sale business. Colonel Keil has made an enviable reputation



on the block, has sold for some of the best breeders in the middle West, is familiar with pedigree, especially Short-horn cattle and Duroc hogs. He has already booked a large number of sales for the fall and winter season, which he is empty able to fill. He talks English and German, has had twenty years of experience, selling everything from a mixed sale to bank stock. Address Col. C. C. Keil, 1121 Summer St., Grinnell, Iowa.



Long distance phone 554. Write or phone for dates, mentioning The Homestead.

S. G.'s Crimson Improver 50101, the Crim-son Wonder I Am Duroc Jersey boar now doing service in the herd of Mr. S. G. Colli-cott, of Lake City, Iowa, is for sale. He measures sixty-six inches heart girth and has ten-inch bone, strong, straight timber, too. He conforms in other points to a high-grade animal of this breed. He is guar-anteed a breeder and is being sold for no fault whatever. Visit or write for terms to Mr. Collicott, mentioning The Homestead.

Mr. Nick Loewen, of Lawler, Iowa, ad-vertises a bargain in Single Black Minorca hens and cockerels on this page. He makes this in order to reduce a large stock of birds which a dissolution in partnership has made necessary. Some ten dozen hens and five cockerels will be sold in numbers to suit the buyer, and at reasonable prices if taken at once. An opportunity like this does not appear in our columns often and we would advise any of our readers interested in this breed of poultry to write this ad-vertiser at once, mentioning The Homestead.

Mr. J. L. Slick, of Lanark, Ill., writes: "I am now changing my advertisement to Poland China boars from 125 to 225 pounds—good, substantial and royally-bred ones—sows bred for August and September litters, also Scotch-topped Short-horn bulls from ten to thirteen months old, all at bargain prices. Recently I shipped one of these young boars to Mr. T. M. Huddleston, of Centerville, Tenn., who writes: 'You bet I am well pleased with him. He is certainly a fine pig and everyone who sees him is of the same opinion. Ship the sows before the weather gets too warm.' Then later and on receipt of the sow he writes: 'The sow ar-rived in good shape and I was certainly well pleased with her. I wish to thank you for the square deal you gave me. Unless the sow brings about 100 pigs several of my friends are going to be disappointed.'"

#### A FEW DATES OPEN YET.

Mr. F. H. Jackson, Rutland, Ill., is still prepared to list a number of sale dates for the coming season, and as he is prepared to cry all kinds of stock sales we would advise those looking for a good auctioneer to favor him with their patronage if possible. Mr. Jackson has been selling in different states and has a nice list of sales for some of the best breeders during the coming sale months. Write him for open date, mentioning The Homestead. See advertisement on page 22.

#### ANGUS BULLS FOR SALE.

On this page of this week's Homestead will be found the advertisement of Mr. M. B. Walker, of Clarinda, Iowa, who offers three good yearling Aberdeen Angus bulls for sale. Two of these are sired by South Oaks Baron and one by Blencoe. These bulls are in nice condition and will be sold at reasonable prices. Mr. Walker will also dispose of a few good cows and heifers. Any man who wants a bunch of Angus cattle should write this gentleman at once. Please mention The Homestead when writing.

#### PIGS DOING WELL AT GWINNER'S.

A recent letter from Mr. E. C. Gwinner, of Holdrege, Neb., states that the crop of Duroc pigs now on the place are doing fine. They are running in the alfalfa up to their backs, which is sure to put the size and bone on them that is always needed. Mr. Gwin-ner was among the best buyers at the many good sales in southern Nebraska last spring; in many instances topping good sales. His crop of pigs are coming along fine and you will not make a mistake in placing your order with him for a male pig to be shipped in August or September. Write him for prices and description and mention this paper.

#### EDMONDS, SHADE & CO. SELL BULL, KING EDWARD.

Prof. Jas. Wilson, of Brookings, S. D., has purchased for the agricultural college at that place the noted Hereford bull, King Edward 165604. The intention is to put him at the head of the herd. In this capacity he will no doubt do full credit to the breed, as his record thus far has been a notable one. Sired by Columbus 35th gave him a good start in life and his winnings at western shows are too well known to need men-tion. In short, King Edward has a fine bunch of ribbons from the Nebraska, South Dakota and Interstate Fair at Sioux City. These were first prize or championships. Messrs. Edmonds, Shade & Co. inform us that the sale was very gratifying. Their herd now contains a fine bunch of young bulls from fourteen to sixteen months old which are ready for the trade. Write them your wants, mentioning The Homestead.

#### HERD-HEADING SCOTCH BULL FOR SALE.

Messrs. McKeever Bros., of Farley, Iowa, are offering their most excellent Scotch Victoria herd bull for sale. He is a red, four-year-old, 2,400-pound bull, very smooth and symmetrical and stands on short legs. His breeding could not be improved upon. As his name, Victoria's Prince of M. V., implies, he belongs to the famous Cruickshank family of Victorias and is one of the choicest bred, as well as best individ-uals of this family produced since the days of the famous Imp. Baron Victor, owned by Col. W. A. Harris. This bull is a splendid breeder of red calves. There are few bulls his equal in America today. He was bred by Mr. Chandler Jordan, sired by Prince Nonpareil 131222 by Prince President 2d by Imp. Prince President and out of 2d Glenn Nonpareil, a granddaughter of Imp. Non-pareil 39th, she by Vermont (78235). Victoria's Prince of M. V. has for dam Victoria 87th by Imp. Craven Knight; second dam Imp. Victoria 81st by Gondolier; third dam Victoria 77th by Dunblane; fourth dam Victoria 57th by Barnpton Prince; fifth dam Victoria 41st by Lord Privy Seal; sixth dam Victoria 39th, champion of England. It will be thus seen that this bull's breeding is of the very best from a Scotch standpoint. It is doubtful if there are two other bulls in Iowa his equal from an individual point of view. This bull is an exceptional breeder and his daughters are retained and another splendid bull has been secured in Cherry Grove Banff to use on these heifers. Hence the old bull is offered for sale at a price that he is really well worth. He is a great flesh carrier and lays it on very smooth, with a preponderance of mellow covering in the most desirable points. Anyone in need of a strictly first-class herd bull cannot afford to miss this opportunity. It is the opinion

of this paper that Messrs. McKeever Bros. are making a radical mistake in parting with this bull.

#### FESSEMEYER'S POLAND CHINAS.

One of the best-known breeders of Poland Chinas in southern Iowa is Mr. H. Fessen-meyer, of Clarinda. He breeds the "big kind," and this year reports about fifty spring pigs, as well as a lot of fall stuff. Mr. Fessenmeyer's herd is largely made up of the blood of old Giantess and other leading strains of big stuff. His present crop is sired by P. W. Perfection, Chief Tecumseh 4th and one litter by a son of old Thickset. Giantess 2d, one of his best brood sows, farrowed him a litter of eleven by Chief Tecumseh 4th, and saved seven. Old Nelson Superior, the sow that farrowed the litter that topped the Rood-Fessenmeyer sale last year, has six nice pigs by Chief Tecumseh 4th, and another good litter is out of a daughter of Big Prospect and the pigs are by the same boar. These pigs combine the blood of Chief Tecumseh, Pawnee Lad and Big Prospect. Another nice litter is out of a sow called Damask by old Peter Sterling, and the pigs are by a son of old Thickset. Mr. Fessenmeyer has recently purchased an interest in Matchless Perfection, a son of P. W. Perfection out of a daughter of old Expansion. He is a cracking good hog and Mr. Fessenmeyer will use him this year. He will have a nice offering again this year in the Rood-Fessenmeyer sale at Clarinda on October 28th, and we will tell our readers more about it later in the season.

#### ROOD'S POLAND CHINAS.

One of the breeders that has come into the limelight of late years is Mr. Fred Rood, of Clearfield, Iowa, who breeds the larger type of Poland China hogs. His name is in-separably connected with that of old Giantess, a sow that has made the Rood herd famous. This grand old daughter of Nelson has done wonders for this herd, and she has also en-abled her owner to collect a nice bank ac-count, which is something they are all striv-ing for. This old sow is still in the herd and a fall litter of hers will be put in Mr. Rood's fall sale. At the head of his herd today is R.'s Pawnee Lad, a son of Mr. J. O. James' noted boar, Pawnee Lad, and he has de-veloped into one of the best boars Mr. Rood has ever had in the herd. This boar will easily tip the scales at 1,000 pounds as a three-year-old, is very lengthy and wonder-fully deep in body. In fact he stands three inches higher than a kerosene barrel, and yet he is close to the ground. His back is well arched and he carries his width well, and with a deep, broad bam and an eleven-inch bone he comes more nearly filling the wants of Mr. Rood than any other boar he has ever owned. He has 100 spring pigs, mostly sired by the above boar, also by Jumbo (a boar owned jointly by him and Mr. J. H. Wintermute, of Blockton, Iowa), Crescent Chief, Crescent Prospect and a few litters by other boars out of sows purchased by other breeders. He has twenty fall boars and twenty fall sows sired by R.'s Pawnee Lad and out of old Giantess and daughters and granddaughters of Giantess, and these will be put into his fall sale at Clarinda on September 28th. Four of these boars will be out of old Giantess. Giantess 4th, Giant-ess 5th and Giantess A., all daughters of old Giantess, are raising good spring litters. Giantess 4th has nine good pigs by Jumbo out of fourteen farrowed; Giantess 5th has nine by Crescent Chief, and Giantess A. has nine by old Jumbo. A daughter of Giantess 3d, the sow that topped Mr. Rood's sale two years ago, has seven good pigs by Crescent Prospect, a son of Big Prospect. Another sow, a daughter of Extension, by Expansion, has a nice litter by R.'s Pawnee Lad, and he also has a cracking good litter out of a sow bought of Mr. John Trigg in Nebraska. Mr. Rood will make a sale with Mr. Fessen-meyer at Clarinda, on September 28th, and later will make a sale of his own at home. His share in the Clarinda sale will be large-ly of the Giantess, R.'s Pawnee Lad blood and it will be even better than he had last year, and that means a great deal. We will tell our readers more about his sale offering in due time.

#### A LETTER FROM D. W. WOODIN.

A veteran of the civil war writes his com-rades on an interesting subject, as follows: "This letter is written to the old soldiers of Iowa who desire to obtain homesteads from the United States government. I enlisted and served in Company K, Third Michigan Cavalry, from August, 1862, to June, 1865, which is my excuse for presuming to write it. Last year I purchased three sections of land in Township 16, Range 61, Laramie county, Wyoming, and I am putting the land in cultivation this year. It is situated about forty miles east of Cheyenne. There is about 100,000 acres in the same locality along the Union Pacific and Burlington railroads which can be homesteaded. Homesteads can be obtained within one to nine miles of rail-road stations. The country is comparatively level, about the same as the Red River Valley country in North Dakota. It has a black soil about the same as the rolling prairie of Iowa, and is about three feet deep, with a light colored clay sub-soil. The water is excellent and no alkali in the water or soil. There is no sage or other kind of brush, but there is a good sod of wild grasses. The rainfall is as great as the best districts where cheap lands can be purchased now, and there has been but very little variation as shown by the weather bureau at Cheyenne since 1871, and crops are as sure as in any of the states surrounding this territory. There has not been a crop failure in twenty-three years. The deeded land sells at \$10 to \$15 per acre, which gives some indication what a homestead is worth. I do not ask any old soldier to take my word or assur-ances, but do say to him, go and see for yourself and act on your own judgment. The railroad fare will not cost you much. Ex-cursion rates every first and third Tuesday. It may be asked, why is it this land has not been taken before if it is so good? Be-cause the ranchmen either purchased or leased the railroad land which are the alter-nate sections and put fences around the railroad lands and homestead lands, which excluded the homesteaders. A year ago last winter congress passed a law which com-pelled the ranchmen to take down their fences from around homestead lands, and the president is enforcing that law. The man who has lived in a prairie country a number of years cannot easily be deceived, and I say to the old soldier, go and see for yourself.

## Administrator's Sale of the Great

# ABERDEEN ...ANGUS HERD...

THE PROPERTY OF THE ESTATE OF  
THE LATE HON. L. H. KERRICK.....

ON THE FARM, BLOOMINGTON, ILL.,

TUESDAY, WEDNESDAY, THURSDAY,  
JUNE 25-26-27, 1907 .....

Following the instructions Mr. C. A. Ewing, administrator of the above estate, this entire famous herd numbering 253 head besides calves at foot, will be auctioned.

Thirty-seven bulls and 216 cows and heifers are cataloged, constituting the largest dispersion sale that has occurred in the history of the breed. They represent the blood with which Mr. Kerrick succeeded in producing more champion market-topping steers than any other man and the blood which has given him the honor of having done more for American breeding interests than any man engaged in the business. The offering includes the great \$5,000 stock bull, Imp. Lord Fretful, and numerous of his get, and thirty other representatives of the same family; the Trojan-Erica bull, Eric 9th of Keillor Park; the double Blackbird bull, Black Boy of the Wells; the Blackbird-topped Pride bull, Afton Jam, and other high-class herd head-ers. It is a great list of females cataloged, including members of the Black-bird, Erica, Pride, Lady Fanny, Queen Mother, Heather Bloom, Antelope, Mina, Pearl, Maid of Orleans and other noted strains, all of which have produced animals of the excellent type for which the herd is famed. Purchasers to the amount of \$300 will have railroad fare refunded. The sale will be held on the farm some twelve miles south of Bloomington, and the catalog, which contains full information concerning how to reach the farm and interesting details concerning the herd and the auction, will be mailed on application to

W. C. MCGAVOCK, SALE MGR., SPRINGFIELD, ILL.

27 High-grade heifers will also be auctioned some time during the three days of the sale.

TOO LATE TO CLASSIFY.

## A Cruickshank Herd Bull For Sale

VICTORIA'S PRESIDENT OF M. V. 208996. Red, 4 yrs. old, weight 2,400, sure, quick server, splendid breeder of red calves. We have bought Cherry Grove Banff to use on above bull's heifers. His sire is Prince Nonpareil 131222; dam, Victoria 87th by Imp. Craven Knight; 2d dam, Imp. Victoria 81st by Gondolier; 3d dam, Victoria 77th by Dunblane; 4th dam, Victoria 57th by Barnpton Prince; 5th dam, Victoria 41st by Lord Privy Seal; 6th dam, Victoria 39th by Champion of England. He has few equals and will make strong show at International if fitted. Address,

McKEEVER BROS.,

FARLEY, IOWA.

If any old soldier goes he better get off at Luther, as that station is the nearest to the land. The old soldier may enter by power of attorney and does not have to go out there to make the entry. The time served in the army can be credited on the time. I will gladly answer any question relating to this. Respectfully, D. W. Woodin, Des Moines, Iowa.

#### A. H. BRETT'S SHORT-HORN SALE.

On July 11th Mr. A. H. Brett will sell at Mason City, Iowa, some sixty head of Short-horn cattle, among which are a goodly num-ber of straight Scotch, including two imported cows. The offering, to be exact about it, is as follows: Fifty females, twelve of which are Scotch, including Imp. Likely and Imp. Roan Ribbon. There will also be twelve nice two-year-old heifers, and the entire female offer-ing will be bred to good Scotch bulls. Mr. Brett's present herd bull is a son of the great Imp. Merry Hampton. The remainder of the offering will be ten bulls of service-able age. It has been the custom for a number of years for Mr. Brett to make these July sales, and they have been marked with success from the start, and it is to be hoped that this offering will in no wise differ in this respect from its predecessors. Either before or immediately after the cattle sale Mr. Brett will sell four registered draft mares and one two-year-old registered Clydesdale stallion. They are all bred to the best of stallions and should be good property, inasmuch as the draft horse business is con-stantly on the ascendancy. The two imported cows that Mr. Brett is offering in this sale are a choice pair fit to grace any herd in the land. It will be remembered that they were purchased by a Minnesota party along with a lot of other cattle at one of Mr. Brett's former sales, and the party could not make proper settlement for any of the stock; hence these beautiful cows were left on hand at the farm. We offer this explana-tion for the reason that some may wonder why these cows are again listed for sale. They were bid off by an agent for a party who could not settle either by note or cash. There is scarcely a herd in America that would not be proud to own either of these imported cows. Their pedigrees and more minute particulars will follow in future is-sues. Inasmuch as the sale catalog has not as yet reached our hands, we are at a loss to give the breeding of any of the offering further than in a general way. Certain it is that Col. Al P. Mason, the auctioneer, will have the opportunity to dispose of a lot of

## A GOOD YEARLING HEREFORD BULL FOR SALE

CURED by Polled Assurance 193115, the most noted double standard Polled Hereford bull in America.

#### Polled Hereford Bulls.

I have a number of young Polled Hereford bulls for sale also. Address

Dr. E. W. Gammon, St. Charles, Iowa.

## GEO. E. PATCH, BLANDINSVILLE, ILL.

POLAND CHINAS, BOTH SEXES, ALL AGES. WRITE YOUR WANTS.

## CHOICE SHORT-HORN CATTLE FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron.

Address, J. H. MOYER, Newton, Iowa

## Good Aberdeen Angus For Sale

THREE yearling bulls, two sired by South Oaks Baron and one by Blencoe; also a few good cows and heifers. Write

M. B. WALKER, CLARINDA, IOWA

L. H. ROBERTS & SON, PATON, IOWA.  
CHOICE Duroc Jerseys. Order now for spring pigs. Visitors always welcome. Farm on edge of town.

FOR SALE AFTER JULY 1ST.  
REGISTERED Shire stallion four years old, D. H. Winter, Maryville, Missouri.

cattle of the most practical sort. A Home-stead representative has inspected the offer-ing recently and finds them all out on grass, not fat, but in the pink of thrift and breeding condition. The cold and backward spring has retarded the growth of grass so that these cattle have not put on their sale clothes to the extent that they ordinarily would have done by this time. Nevertheless this is but a minor attribute and would only cause the buyer to pay more money for the cattle with-out adding one single dollar to their intrinsic worth from a breeder's standpoint. Mr. Brett is busy at work on the sale catalog and by the time this article is read it will no doubt be ready to mail and will be sent free to readers who say they saw the announce-ment of his sale in The Homestead. Future issues will contain further descriptions of



this very useful offering. The sale will be held at a very opportune time for breeders and farmers to get away from home for a day or two, and further, the pastures will doubtless be much improved by that time so that purchasers of cattle can turn them right out on the grass with little or no expense for keep for a number of months. The date of this sale should be firmly impressed on the mind of every breeder in the middle West who contemplates purchasing good Short-horns this summer. See advertisement on this page.

#### THE LADY FANNYS IN THE KERRICK DISPERSION.

In the dispersion of the herd of the late Hon. L. H. Kerrick, near Bloomington, Ill., June 25th, 26th and 27th, which is the largest dispersion sale ever held of the breed, there are necessarily many attractions. The 250 animals cataloged are wonderful in their uniformity of type, and in looking them over it is easy to understand why Mr. Kerrick made such an outstanding success in the production of the greatest of beef steers. It is not our intention to describe individuals, as a description of one of the short-legged, symmetrical animals of good scale and great quality, would be a description of many of the 250 head. We wish, however, to call attention to a family that was a favorite one with Mr. Kerrick. It is the Ballindalloch Lady Fanny and the thirty-two representatives of this strain included in this auction were his greatest pride and the breeding and development of the family was his greatest ambition in the pure-bred business. These thirty-two animals constitute the largest number of representatives of a Ballindalloch family that have been offered in any auction in America or perhaps in any auction anywhere. They descend from the cow, Fashion, by Trojan, the sire of the cows that have made the Ericas famous. A daughter of Fashion was imported to this country and in the herd of Mossom, Boyd & Co. was bred to Imp. Ermine Bearer, the greatest Erica bull brought to America, and the produce was Fair Lady of Verulam and from her all of the Kerrick Lady Fannys descend, with the exception of Imp. Lord Fretful that was bred at Ballindalloch, sired by the celebrated Eblito, one of the greatest sons of Imp. Prince Ito. Lord Fretful, while at Ballindalloch, sired the highest-priced bull sold in the Perth show and sale of 1904, and in this country has sired first-prize winners at some of our greatest breeding shows. He was second-prize bull at the International Exposition of 1903 and was at the head of a prize-winning herd for several years. At seven years old he is a valuable sire. The Lady Fannys have furnished many great show and breeding animals, prominent among which is Lord Chamberlain, the sire of the dam of Prince Ito 2d, the undefeated American champion. These Lady Fannys have been topped out in the most approved fashion, such bulls being used on them as Imp. Palmstake of Aherlour, an Erica-topped Pride, and Craigo of Estill, a Monthleton Fancy by the great Heather Lad 2d. Other Ermine Bearer dams have found a place in the Kerrick herd and their offspring will be offered on this occasion. Catalogs giving full particulars will be mailed on application to Mr. W. C. McGavock, sale manager, Springfield, Ill.

#### POLLED HEREFORDS.

One of the most noted Polled Hereford herds in America today is that of Dr. E. W. Gammon, of St. Charles, Iowa. Polled Herefords are comparatively a new thing in the cattle world, but they are here to stay. In the early days horns were considered a necessity as a protection against wild beasts, but no longer is this the case. Of late years buyers on the hoof have paid a premium for dehorned steers to go into the feed lot, and they have always topped the market when sold to packers. The desirability of breeding Polled Herefords was uppermost in the minds of several of the earlier breeders, and in 1893 a Kansas man began to establish a herd. In course of time he established the single standard Polled Herefords, using for a bull a "sport" or freak that came without horns. About 1902 Mr. Warren Gammon and his son, B. O. Gammon, of Des Moines, Iowa, wrote to all American Hereford breeders about "sports" or Polled Herefords that they might have in their herds. They secured four males and seven females. With these females and the bull, Giant (101740), they began the breeding of purebred Polled Hereford cattle. This bull dehorned 75 per cent of his calves, the tendency to "scurs" or horns, however, being more in evidence in the males than in the females. Among these cows was one called Blue Bell and she dropped a bull calf in May, 1904, which is registered in the National Polled Hereford Association as Polled Assurance (193115). This bull is considered the first pure-bred Polled Hereford bull in the world, and he stands today at the head of the herd of Dr. E. W. Gammon, of St. Charles, Iowa. This bull, a splendid specimen of the Hereford breed, with a long body, deep quarters and a good middle, now stands at the head of this herd, and he has proven himself a splendid sire by breeding the horns off 95 per cent of his calves. This is true of both polled and horned cows, and one can now see as uniform crop of calves on this farm, sired by this bull, as will be found in any other herd in this country. Quite a per cent of the females in the herd are naturally Polled, and therefore type and breed character are firmly established. The demand for Polled Herefords is very strong, and is the best evidence that the American people are favorable to this great breed of cattle. Dr. E. W. Gammon is one of the pioneer breeders who has given both his time and money towards founding this herd, and it is considered one of the best-bred Polled Hereford herds today in this country. Much of the foundation stock in this herd is of the well-known Anxiety strain, and therefore carries the blood of some of the greatest Hereford bulls known in recent times. The demand for Polled Hereford bulls is always strong, and there are very few that can supply them. Among these is a year-old bull last January, sired by Polled Assurance, and out of Stella Rose, an Anxiety-bred cow, and he is one of the best bred young Polled Hereford bulls living. Dr. Gammon would sell this fellow, but wants to reserve the right to breed him to a few heifers before he goes. He is as well bred Polled Hereford bull as ever lived, and he is a

splendid individual. Dr. Gammon has a number on hand and for sale and any of our readers who may want one should write him about these at once. A better way, however, is to go and see his herd and make your own selection. There is a great future for double standard Polled Hereford herds in this country, and we know of no place where a better foundation can be secured. Write Dr. E. W. Gammon at once and kindly mention The Homestead.

#### THE KERRICK DISPERSION SALE.

Only in dispersion sales are buyers afforded the opportunity to secure stock which has teuded toward making a herd a pronounced success. Such is the case with the dispersion of the Aberdeen Angus herd owned by the late Hon. L. H. Kerrick, of Bloomington, Ill. This event will be the most important in the live stock world of the present year. Never before have so many cattle the property of one man been offered to the public at auction. The work done by Mr. Kerrick in promoting the interests of the Angus breed needs no review to the breeder of pure-bred cattle. He was one of America's greatest breeders. He was not a speculator in any sense of the word, but a man who had the best interests of the breed in mind at all times. Two hundred and fifty head will be sold at auction on Tuesday, Wednesday and Thursday of next week, at the farm near Bloomington, Ill., under the direction of Mr. W. C. McGavock, of Springfield, Ill., who has charge of all details of the sale. In addition thirty-eight head of high-grade two-year-old steers will be sold some time during the auction. We have in previous issues called the attention of our readers to the fashionable breeding contained in this herd. The best families of the breed are represented, and were selected by Mr. Kerrick for their usefulness. He always used the best bull he had. As an example of this we wish to call the attention of our readers to the principal herd bull, Imp. Lord Fretful. Another good bull which has been used in the herd with success is the two-year-old bull, Eric 9th of Kellor Park, a two-year-old Pride-topped Trojan Erica. This bull is good enough to head the best herds of this country. His first calves are being sold in this sale with their dams, and they give evidence of his development into one of the best sires of the breed. The breeder who is in search of a herd bull will find in this young sire one that will please. Among the numerous families contained in this herd none have been more profitable than the Lady Fanny. Mr. Kerrick prized this family because of their wonderful breeding qualities. There are a large number in the sale and they are offered with the recommendation of having produced some of the best things that were sent out from this noted herd. As an inducement to those from a distance, Mr. C. A. Ewing, administrator of the estate, has made a most liberal offer of refunding railroad fare to those who purchase \$300 or upwards. This herd is in good, thrifty condition and will yield good profit to those who may be fortunate enough to secure some of the stock offered for sale. The catalogs are out and will be sent to all who write Mr. W. C. McGavock, at Springfield, Ill., mentioning The Homestead. The sale will be held at the farm, ten miles south of Bloomington, Ill., and near McLean, a station on the Chicago & Alton railroad; Heyworth, on the Illinois Central railroad; and Harlan's Crossing, on the Bloomington & Decatur electric line. All trains will be met with free conveyances at above named stations, to and from farm on sale days. There are electric cars every hour to Bloomington, where splendid hotel accommodations can be had and there are also hotels at Heyworth and McLean. Readers of The Homestead will find it to their interest to be present at the dispersion of what might justly be termed the greatest herd of Aberdeen Angus cattle in America. The large number of cattle to be sold assures those present of many bargains. Plan to be present at this sale. The announcement appears on page 19 of this issue.

#### LAST CALL FOR THE WAYNE SHORT-HORN SALE.

One of the most important and one of the largest Short-horn cattle sales that has ever been held in northern Nebraska will be that of Messrs. A. B. Clark and W. M. Lessman, at Wayne, Neb., on June 26th. There will be seventy head in the sale, including a liberal number of Scotch cattle. There will be sixteen bulls in the sale ranging in age from ten months to two years, and the rest will be cows and heifers. From eight to ten cows will have calf at foot, while a great many will be right at their calving. The cattle are in nice condition and individually are a splendid lot of Short-horn cattle. Mr. Clark contributes the most of the cattle, and the reputation of the Clark herd has been for well-bred, good-milking Short-horns with plenty of scale. We presume to say that there is not another herd in the West that can show as many large, broad-backed cows as will be found in this herd. In the bull offering he is selling a good two-year-old son of the \$1,000 bull, Merry Marshall, that formerly headed the C. A. Saunders herd. He also sells a two-year-old son of Cumberland Hero and a son of Scotch Cup. These bulls are big, strong, lusty fellows, just right to do hard service. He also sells four yearling bulls the get of Gwendoline Lad 2d, Scotch Cup and Gauntlet's Hero. There are a few younger bulls in the sale. Two of these are sired by Lord Banff 20th, one out of the Scotch cow, Daybreak's Maid 2d, the other out of Maid of Lancaster 3d. The dams of both of these young bulls will also go into the sale. The former is one of those well-bred Daybreaks, while the latter belongs to the celebrated Maid of Lancaster tribe. Duchess of Wayne is another Scotch cow that will be sold, and she is a daughter of Maid of Lancaster, referred to above. She will be sold with a nice heifer calf at foot. There will be a daughter of the great Canadian bull, Star of Morning, in the sale, and she will also have a calf at foot. There will be an eight-year-old Scotch cow in the sale called Pride B. of Elm Creek. She is a daughter of Scottish Butterfly out of Pride B. 13th by Field Officer 2d. She belongs to the noted Queen of Beauty family. She is safe in calf to Lord Banff 20th. Rose Champion is by King Champion, out of a Merry Marshall dam, and she belongs to the Dorothy tribe that is considered second to

# JULY SHORT-HORN SALE

## A. H. BRETT, MASON CITY, IA.

Includes fifty females, Scotch topped, straight Scotch and imported, Imp. Likely and Imp. Roan Ribbon included. A dozen nice two-year-olds in the bunch. Every female is bred to Scotch bulls. Ten bulls of serviceable age, will bear the inspection of bull buyers. The present herd bull is Imp. Merry Hampton.

### SALE DATE---JULY 11TH

I am also going to sell a number of registered horses in this sale, including three Clydesdales, two stallions and a mare; and four Percherons, three mares and one stallion. They are all exceptionally good, ranging in weight from 1,600 to 1,800 lbs., and ought to prove an attraction. Come and look them over.

## A. H. BRETT, MASON CITY, IA.

A. P. MASON, AUCTIONEER.

#### ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of F. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42988 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homedale Black Juno and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

### PLEASANT GROVE HERD OF ABERDEEN ANGUS CATTLE

175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aherlour 41204 Lowlander 21880, Newton Hero 46150 and Nugget of Cottage Grove 20th 68671. We can ship E. O. B. on the following roads: C. R. I. & P.; C. N. W. & C. M. St. P.; I. C.; C. & G. W. Address: DUNNING, JOHNSON & ALLEN GREEN, IOWA

## 10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

WILL sell at farmers' prices. \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rosethelm Queens, etc. Address:

**John E. Griffith,**

WASHINGTON, IOWA.

(Mention Homestead)

none among the Scotch families. There will be a splendid lot of Scotch-topped cows in the sale, carrying plenty of scale, and a great many of these are good milkers. There will also be a bunch of twenty-five young heifers in the sale, and these should furnish foundation material for some young breeder. One of the best of these is a nice roan, calved October 25th and sired by Roan Gauntlet. The most of these heifers are red in color and are a very uniform lot. The Scotch tribes represented in the sale will be Mary Ann of Lancaster, Daybreak, Queen of Beauty, Evangeline and Dorothy families, while the Scotch-topped Young Phyllis, Rose of Sharou, Arachella, Sanspareil and other well-known and popular strains will be very much in evidence. Mr. Lessman is selling a three-year-old daughter of Scotch Fashion and two yearling bulls, one by Scotch Fashion, the other by Gold Coin. The offering as a whole is a good, practical lot of Short-horn cattle. They are sold by reliable breeders who stand behind their cattle. They have been largely raised in northeast Nebraska, and a class of animals that any farmer or breeder can buy and make money on. There will be seventy lots in the sale and there will certainly be some good bargains. Write Mr. A. B. Clark, of Wayne, Neb., for catalog and be sure that you go to the sale, especially if you want some of these. Kindly mention The Homestead when writing.

#### PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and 5 heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. Nissen, Meservey, Cerro Gordo Co., Iowa

#### High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird, besides several younger ones. These are herd leaders. Address, W. H. JONES, QUIMBY, IA.

#### 7 YEARLING ABERDEEN ANGUS BULLS FOR SALE 7

FROM Willow Grove Farm, one mile southeast of Fayette, Ia. The above bulls are the best I have ever bred. They are all out of heavy milking dams and sired by the Queen Mother bull, Major Midgitch 7369. These bulls are priced at farmers' prices, and there is show yard material among them. Mention Homestead when writing. E. C. FUSSELL, Owner, FAYETTE, IA.

#### CHESTER WHITE HOGS.

### Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now looking orders for S. spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

#### CAMERON HERD O. I. C'S.

150 HEAD in herd. Pigs by Perfection Chief 19239, grandson of the great Jackson Chief and Chief I. 19070, a grandson of Sweetstakes. Sows also rich in blood of great winners. Orders looked now for choice breeding stock.

W. B. PORTER, Cameron, Mo.

**CHESTER WHITES** 100 extra early March pigs—Best of breeding—19239, grandson of the great Jackson Chief and Chief I. 19070, a grandson of Sweetstakes. Sows also rich in blood of great winners. Orders looked now for choice breeding stock.

**Fifty Chester White Bows and Gilt** BOOKING orders for bows and gilts at any time. These are sired by Dandy Boy 12791, a full brother to Modeller, and out of my best sows. Address, E. J. Roddewig, Newcast, Nebraska.



## CHESTER WHITE HOGS.

## BLUFF ROAD CHESTER WHITES

I AM offering for sale at reasonable prices The Winner 13765, an Illinois State Fair winner, and Perfection 14419, two of my herd boars. 15 fall and winter boars at prices that will move them. Am booking orders for spring pigs from prize winning ancestry. Write for particulars.

D. H. LEWIS, R. F. D. 6, GENESEO, ILLINOIS.

## MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.

ERNEST L. MEAR, NEPONSET, ILLINOIS.

## MODELER 13235

THE SENSATIONAL RECORD BREAKER OF 1906 AT HEAD OF HERD.

FOR SALE. TEN choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. and Sept. farrow. Ten extra good fall boars, litter mates to above gilts, guaranteed as represented. Illustrated catalog free. W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA.

James Fisher,  
Eastman, Wisconsin.

BREEDER and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish.

Write for Prices and Catalog.

IMPROVED CHESTER WHITE SWINE. AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Benter, Nashua Boy, Billy Boy 15223, grandson of Laverne King 12757, heads the herd. Address, John H. Krehbiel, Donnellson, Iowa.

CHOICE YOUNG STOCK. O. I. C. Swine. Both sexes. Good shipping facilities. Write your wants. Visitors always welcome at Pleasant View Stock Farm. One mile out. H. C. Mehrling, Manson, Iowa.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

## POLLED DURHAM CATTLE.

## Botna Valley Herd Double Standard Polled Durhams

BULLS all sold large enough for service. Oct. 30 we will sell forty heifers and fifteen bulls, as good a lot of Polled Durhams as ever went through a sale ring. Forty head of them sired by Marshal of Orange, one of the good polled bulls. James Wilson & Sons, Avoca, Iowa.

## HEREFORD CATTLE.

## TWENTY-FIVE

## TWENTY-FIVE

## Beau Donald Bulls

Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cuddeh, Archibald and Healed cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once.

A. SPOONER,

MONDAMIN, IA.

## YOUNG HEREFORD BULLS FOR SALE

RANGING in age from 6 to 20 months, all bred in the best blood of Anxiety 4th, and out of daughters of and granddaughters of Beau Brummel, Dale 3d and other noted bulls. We will also sell a few choice heifers, bred to St. Elmo of Shadland 17th, weight 2,260 pounds. Write or come and see us. Address, HOOD & BAKER, DUNLAP, IOWA.

KATER & SMITH,  
Grant City, Mo.

## BREEDERS OF HEREFORDS

ST. ELMO 13th 72074, KEEP ON 23d 125151 AND TROT ON 181064 HEAD HERD. 20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr. A fine string of range. Some herd bull material. Bulls cannot be found. Come and see them as they are right every way. Visitors met at Grant City on C. & B. & Q., or Sheridan on C. & W.

## RED POLLED CATTLE.

## Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. E. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Mrs. C. Seaman, R. R. No. 5, all of Davenport, Ia. Telephone V. H. Seaman, 1935 M. 1.

## THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. Co. Line county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

## HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once.

OTHO BOYD, Virginia, Neb.

Joseph Keitel, John Schrotberger.

## Red Polled Cattle

EITHER sex for sale. Have show stock. Prices reasonable. I equal to the best. Keitel & Schrotberger, New Lenox, Ill., or Gardner, Ill.

QUADRY Lane herd of Red Polled cattle. Choice stock for sale at moderate prices. Come see or address, G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. I. & P. Railways.

## POLLED DURHAM CATTLE.

## DOUBLE STANDARD

## Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X1374-18952. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

SHAYER & DEUKER, Kulona and Wellman, Iowa.

## ONE DOUBLE STANDARD POLLED DURHAM BULL, TWO YEARS OLD, FOR SALE.

THIS bull is red with little white, a splendid server, and is big burglin. Have used him some but he is too closely related to our cows. Address, Muck Stevens & Son, Iowa City, Iowa.

100 CHESTER WHITE  
March Pigs and More Coming

Sired by such noted boars as Pioneer, Neponset Henry, Tap Notcher, Perfection Model, Wild Wine and others. Now is the time to book orders. Fine selections assured. Also five September yearling boars in good condition. Write or call.

E. L. NAGLE & SON, Deep River, Iowa

J. J. LEHR Ransom, Ill., is offering 6 Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. It. eggs, \$1.50 per 15. Mention Homestead.

HOME OF THE BIG WHITE HOG. 85 SPRING pigs on hand to supply the season's trade. I am booking orders for spring pigs sired by Teddy R., 1st prize hog in class at Nebraska State Fair. I breed for size and quality. Write me your wants and mention The Homestead. F. C. Tatro, Geneva, Nebraska.

## POLAND CHINA HOGS.

## MEDDLER FALL BOARS

## AT BARGAIN PRICES

UT of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. MUST BE SOLD to make room for show herd and spring pigs now on hand.

H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA

Mention The Homestead.

## TWO YEARLING MEDDLER BOARS

FOR SALE. Sired by the great sweepstakes wonder Meddler 99999. Also one by Perfection I Know 38192, and a few fall boars sired by our Dude's Wonder 42564 and Happy Medium 31331. Also booking orders for spring pigs sired by our great herd boar L. & W. Perfection and Independence 32. Dude's Wonder and Perfection L. & W. Address, WM. RAY & SON, DEFIANCE, IOWA.

## BEATRICE HERD OF POLAND CHINAS

HERD headed by Norvall Chief by Johnson's Chief. I have a number of good fall boars that are prospective herd headers. Will price them worth the money if taken at once. Write me and mention this paper. CHAS. LEWIS, BEATRICE, NEB.

## 10 SPLENDID FALL POLAND CHINA BOARS FOR SALE

I AM offering 10 of the tops, the best I have ever raised. These are big boned fellows, are sired by Red Oak Sunshine 104637, and are out of my best sows. I am also offering 10 fall sows for sale, bred to my noted boar P. W. Giant. I am offering the choice of these boars for \$30 and \$40. Address F. W. McIntyre, Red Oak, Iowa.

## WILCOX HAS BRED SOWS FOR SALE.

MR. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

## HORNUNG'S BIG BONED POLAND CHINAS

I HAVE 75 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd headers. I will book your order for a good one at once if you want your pig. Nothing but the very best will be shipped. Write me and mention The Homestead. ERNEST HORNUNG, RAYMOND, NEB.

## POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to beat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

## BIG-BONED PROLIFIC POLAND CHINAS

I HAVE 115 fine Poland China pigs on hand to present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me book your order for a good pig. H. L. McKelvie, Fairfield, Neb.

## POLAND CHINA FALL BOARS FOR SALE

I HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd headers. I will also offer my herd boar Neb. E. L., he by Perfection E. L. He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead. E. F. Jackson, Raymond, Neb.

STANDARD HERD of Poland Chinas. I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo 1's Dude. I keep nothing but the leading strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

## JERSEY CATTLE.

JERSEY  
CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers.

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PINE RIDGE  
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Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 33719 and F. D. 12310 now at head of the stud. Prices below competition. Barn at Moose Jaw, Sask., Can., in charge of E. F. Muxey.

L. M. HARTLEY, SALEM, IOWA.

## LEFEBURE'S BELGIANS

BELGIAN STALLIONS and mares, imported and American bred, on hand and for sale at all seasons of the year. Henry Lefebure is now in Belgium making his selections for a choice importation to arrive about July 1st. Catalog free.

Henry Lefebure, Fairfax, Ia.

8 miles west of Cedar Rapids.



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ONE Imp. German Coach stallion 7 years old and sound. Also one Percheron stallion 5 years old and sound, weighing over a ton, for a good piece of land in eastern N. or S. Dakota. These horses are absolutely all right and sure breeders. Address Harry Tucker, Zollner Bldg., room 5, Box 603, Mason City, Ia.

## FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion; will weigh 1,800 lbs., a worker and sound, coming five years old.

Buy from the breeder, not the dealer. BERT FRY, PLAINFIELD, IOWA

## PERCHERONS FOR SALE.

IMPORTATION of 20 head of Percheron stallions and mares arrived May 30th. Now have 94 head of imported and homebred stallions and mares for sale. All stock registered in Percheron society record. Mansdam & Wheeler, Fairfield, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$500. Hart Bros., Osceola, Iowa.

I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans preferred. Address: E. B. Thompson, Cumberland, Ia

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Bilbo, Creston, Ia., successor to Bilbo & Wilson, also Bilbo & Van Patten.

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THE IOWA STATE COLLEGE is offering for sale three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address:

DIVISION OF AGRICULTURE, Iowa State College - AMES, IOWA

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LORD TENNYSON 48205, 2,200 lbs., iron gray, one of the best horses in the west; four years old; measurements: girth, 7 ft., 11 inches; 172 1/2 hands high; fore arm 24 inches; hind arm 25 inches. All right in every way. BORDEAUX, coming three, black, weight 1760 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address, J. S. GOLDER, SCRIBNER, NEB.

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champion Bros., Clinton, Iowa

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IMPORTED and home bred, from two to seven years old. All coal black. Best of bargains. If you want a stallion, come and see me.

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LIVE STOCK AUCTIONEER.FIFTEEN years' experience and a thorough knowl-  
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Sales in six states. Terms reasonable.

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Work satisfactory. Prices reasonable.

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EXTRA GOOD, RECORDED.  
Will price cheap for quick sale.Also cackles from exhibition Barred Rocks,  
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1907 Crop of Berkshires  
at Chapel Hill.THE spring crop of high-boned English Berkshires  
pigs, has been bred at Chapel Hill for some  
time, and to my Homestead patrons and others who  
wrote for boars and brood sows bred, only to find  
me entirely sold out, I would say "get your orders  
early for the present crop." Address,  
W. D. McTavish, - - - Coggon, Iowa

## SHORT-HORN CATTLE.

## ARDMORE SHORT-HORNS

## VICTORIA'S PRIDE.

Red; calved September 9, 1905.

Dams.

Sires.

Breeder.

Got by Imp. Scottish Pride 128543... Wm. Duthie  
Victoria of Meadow Lawn 3d... Victor Baron 127266... C. B. Dustin & Sons  
Victoria Veech... Favorite 56041... Wm. Duthie  
Imp. Victoria 73d... Roan Gauntlet (35284)... A. Cruickshank  
Victoria 58th... Pride of the Isles (35072)... A. Cruickshank  
Victoria 43d... Champion of England (17526)... A. Cruickshank  
Victoria 36th... Baronet (15614)... A. Cruickshank

Above is part of the pedigree of one of our choice Scotch bulls for sale. We  
have others, Scotch and Scotch-topped, and want to hear from buyers. Prices rea-  
sonable for quality.

ARDMORE STOCK CO., - - - HOLSTEIN, IOWA

## 9 Cruickshank

## Short-horn Bulls

For Sale

S. H. THOMPSON'S SONS,  
IOWA CITY, IOWA.We offer for sale until sold nine Cruickshank  
red bulls from 13 to 24 months old, two Victorias,  
one Miss Ramsden, one Princess Royal, one Mysle,  
one Violet, one Lavender and two Beauties. One  
of the Beauties is a bull that we have been us-  
ing at the head of the herd. These are all very  
low, thick, heavy-quartered bulls. A number of  
herd headers among them. Their breeding cannot  
be excelled, and our prices are below competition  
for bulls of this character. Telephone from Iowa  
City to the farm. Mention The Homestead when  
writing.ALL RED  
SHORT-HORN BULLS  
FOR SALEGOT by Imp. Cypress 2d 191756, a  
2,400 pound bull got by Cypress by Wm.  
of Orange.J. W. McDermott,  
Kahoka, - - - Missouri.

P. S. These bulls must go at once.

## COWS AND HEIFERS

BRED TO

FAIR GOODS 253391.

A SON of the Champion Choice Goods and out of the great  
Ruberta. I am pricing this bull to farmers and range  
men at such prices as will move them. All are good, strong,  
useful fellows, ready for service. The cows and heifers are  
rich in the blood of Grand Victor, Imp. Nonpareil Victor  
and Imp. Cypress. Bred to Fair Goods; they will prove great  
bargains. Write me or come and see the stock.

## SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeder of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch  
Short-horn bulls now ready for service, sired  
by Young Commodore, conceded to be the best  
Short-horn bull in Iowa. The best Short-horn bull  
that we have ever raised is now on our farm and  
is open for inspection. Come and see the herd.  
Mention The Homestead when writing.

## NORTON'S

## Cruickshank Herd Headers

I HAVE two excellent Duches of Gloster bulls, a  
very choice Hampton Rose, a Rosemary and sev-  
eral others, sired by Imp. Bapton Admiral and  
Banker's Victor. I also have some Secrets, Lav-  
enders and Charity tribes. Come and see me.

C. C. NORTON, - - - CORNING, IA.

## Lawndale Short-horns

SCOTCH and Scotch topped, the best families  
represented. Imp. Augustina 51st, Victorias,  
Emmas, Orange Blossoms and Alexandrias,  
Young Marys. Scotch bulls old enough for service  
all sold. Some extra Scotch topped bulls for sale,  
will weigh about 1,000 pounds at year old, sired by  
the good Scotch bull, Victor Royal 216553. Will be  
sold right to make room for the young calves. Ad-  
dress

George A. Bonewell, - - - Grinnell, Iowa

## F. P. Healy, Bedford, Ia.,

BREEDER OF

SCOTCH and Scotch Topped Short-horn Cattle  
and Shetland Ponies, Stock for sale at all times.

SALE CATALOGS PRINTED.

All kinds of sale catalogs compiled and printed at  
reasonable rate. Address,

F. P. HEALY, - - - BEDFORD, IOWA.

## Wayside Short-horns

100 HEAD in herd. Will make attractive prices  
on some cows and heifers bred to Money  
Musk and Hopeful Knight. Bulls for sale at all times.

G. H. BURGE, - - - MT. VERNON, IOWA.

## FAIRVIEW SHORT-HORNS

I HAVE for sale one three-year-old Cruickshank  
and one yearling Cruickshank topped by my great  
bull, Winfield Royal. These are beautiful red bulls  
and well enough bred to head any herd. Also a few  
Scotch-topped cows and heifers for sale.

M. D. Vard, - - - Crawfordsville, Iowa

## Marshal Favorite For Sale

GOT by Imp. Fashion Favorite 149580, dam Imp.  
S Jilted Maid. Will be two years old in Decem-  
ber. Red in color and a good young bull. Also a  
few young bulls for sale. Address,

J. D. McDermott, - - - WIOTA, IA.

## TWO GOOD SHORT-HORN BULLS

FOR SALE at the Pike timber stock farm. Both  
red Scotch topped young Marys, one a yearling,  
the other nearly two years old.

T. A. DAVENPORT, - - - BELMONT, IA.

## 4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good  
enough to head any herd. Come and see them.

C. W. DAWES &amp; SON, - - - Harlan, Iowa

## PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY  
HOGS. Twelve red Short-horn bulls for sale.  
Geo. A. Hays, proprietor, Newton, Iowa. Farm two  
and one-half miles north-east of town. Phone  
connection.SHORT-HORN bulls. Breeding traces to Imp.  
Young Mary. Your patronage solicited. H. W.  
Goff & Son, Burlington, Missouri.

## SHORT-HORN CATTLE.

SCOTCH BULLS  
FOR SALEI AM offering two splendid young Victoria bulls  
for sale sired by Golden Champion 138590,  
also an Acadamus and a Miss Ramsden. I have a  
few good Scotch topped bulls that I am putting  
right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

Scotch and Scotch-Topped  
HEIFERS FOR SALEA very reasonable price to move them at once.  
These heifers are from best cows in herd. Imp.  
Roan Archer heads herd. Write for private cata-  
log.W. H. SCHAFER,  
KEANSBURG, - - - ILL.

## BULL BARGAINS

From The Jones County Herd of  
SHORT-HORNS.10 CHOICE yearling bulls for sale at bargain pri-  
ces. These bulls are by Siltyston Sort 173649.  
They must be sold to make room for our sale cattle  
to be sold at auction Oct. 2d. Our herd bulls Siltyston  
Sort and Wampum of Wayside 243048 are conceded  
to be among the best Scotch bulls in the state.

G. P. Tyrrell &amp; Son, Oxford Junction, Iowa.

## CRUICKSHANK

## Bulls and Heifers For Sale

WE have on hand a few choice herd heading  
Scotch Short-horn Bulls, of the low down  
beefy type, and a fine bunch of 20 head of yearling  
and two-year-old heifers of best Scotch tribes, mostly  
reds and all bred.I. BARR & SON,  
Davenport, - - - Iowa.

## HUGHESDALE

## REAL DUAL SHORT-HORNS

HOME of Howard 2d, champion dual purpose cow  
at St. Louis World's Fair and other equally  
heavy milkers. Her yearling son and other bulls  
for sale. Viscount of Anok, champion show and  
breeding bull of America for 3 years heads herd.  
Write me. H. J. Hughes, - - - Trenton, Mo.

## FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs  
ANDBARRED PLYMOUTH ROCK CHICKENS  
Good Individuals a Specialty.Eggs from our excellent flocks for sale at  
right prices. Hog sale in the fall.

Address C. E. McCOLLough, HUMESTON, IA.

## WILDWOOD SHORT-HORNS

ALL REDS AND DEHORND.

15 SMOOTH, low down, thick-meated Scotch and  
Scotch-topped bulls from 10 to 20 months old,  
and females of all ages for sale at reasonable prices.  
Write,  
W. W. VAUGHN, - - - Marion, IowaWalnut Grove Short-horns & Poland Chinas  
CLEAR The Way 231482, winner 1st in 2-year-old class  
and 1st as a Champion, Ia. State fair, '06 heads herd.  
Herd boars Defender 93447, by Corrector 63379, one of  
the greatest sires known to the breed, and Billy  
Sundry 83621, a very large-boned hog of equal merit.  
Young stock for sale. J. T. Jangle, Carroll, Iowa.G. H. George, Monticello, Ia., breeder of Scotch  
Short-horn cattle and Standard bred trotting  
horses. The Scotch herd and show bull Kingmaster  
is for sale. Also 4 younger bulls, fit to head any  
herd. Scotch Consul 181231 heads my herd. Five  
daughters of Imp. Red Knight, 5 Victorias, 2 Imp.  
cows and other Scotch and Cruickshank families.SCOTCH SHORT-HORNS. For sale, four good  
Scotch bulls. Jordan & Dunn, Central City, Ia.  
Maline Valley Stock Farm.

## DUROC JERSEY HOGS.

## SHORT-HORN CATTLE-DUROC JERSEY HOGS

80 CHOICE spring pigs sired by Fairview Wun-  
der 44051, Fairview Col. 25603, out of choice  
sows. My prices always insure a sale. A few  
good Short-horn bulls for sale.

JAMES T. DOLLISON, SAC CITY, IOWA.

## PRITCHARD'S DUROCS

25 CHOICE BOARS, sired by Frankfort K. 51345,  
first prize boar at Nebraska state fair, also at  
Interstate fair; Welsh Vanderbilt 40-67, and Kant  
Be Best. Write me and mention Iowa Homestead.  
Robt. Pritchard, - - - Carroll, Neb.185 DUROC Pigs—Feb. and Mar. farrow ready to  
ship. A limited number \$20 and \$25 per pair.  
Males not taken by Jack Orion 52775 and Ind. Chief  
52273. Send orders. I guarantee satisfaction. J.  
W. Briggs, Alden, Iowa.WOLF CREEK HERD OF DUROC JERSEYS.  
Plenty good, strong pigs at  
prices well worth the money. Breeding unexcelled.  
Write to T. L. Livingston, Burdard, Neb.DAYNE'S Duroc Jerseys. I have 2 extra good full  
boars; will price at a very reasonable figure if taken  
at once. Are bred right and good individuals. Write for  
prices and description. John O. Bayne, Aurora, Neb.TOP CHIEF 52177  
My herd, assisted by Perfection Again  
52179. I am offering a good yearling boar for  
sale. Address S. L. Hopper, Neola, Iowa.CHOICE, YOUNG DUROC JERSEY HOGS  
OF BOTH SEXES at reasonable prices. Address  
W. J. S. Taylor, Humeston, Iowa.L. H. ROBERTS & SON, PATON, IOWA.  
CHOICE Duroc Jerseys. Boars and sows all sold.  
Visitors welcome at all times.MIDLAND Duroc stock all sold but when in  
need of breeding stock write me at Mason City,  
Iowa. S. J. Bulls.CRUICKSHANK  
...Herd Bulls....FIVE Top Notchers, four reds and one dark roan,  
one Lavender, one Victoria, one Dorothy, one  
Marry Anne and one Spleenwort or Secret. These  
bulls will compare favorably with the best. If you  
have any doubt, say, just come and we will take  
pleasure in showing you. We are from Missouri.ISAAC A. NOVINGER & SONS,  
Kirkville, Adair Co., Missouri.CATALOG  
Of Young Bulls For Sale  
Is Now Ready.ALL good individuals, combining milk and beef  
strains, with good Short-Horn pedigrees. Ad-  
dress,FLYNN FARM COMPANY,  
Room 316 Flynn Building,  
Des Moines, - - - Iowa

## SCOTCH BULLS

Got by  
IMP. MUTINEER 172547.MUTINEER is of Mar's Missie tribe and was got  
by Bapton Chief and out of Imp. Missie, 167th  
dam of White Hall Marshall. They are fine indi-  
viduals, good colors. I will also price right a few  
females bred to or got by Mutineer. Write your  
wants.

A. C. BERRY, - - - Unionville, Mo.

BEAVER CREEK SHORT-HORNS.  
SCOTCH BULLS for sale. I am offering as fine a  
bunch of Scotch bulls as I have ever raised.  
They vary in age from a few months to two years.  
A catalog giving the pedigree of each bull will be  
furnished upon application. Address,  
N. A. LIND, - - - Rolfe, Iowa

## SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 13 months  
old. Poland China Hogs.  
Jas. E. Stephenson, - - - Alhurnett, Iowa  
Otter Creek Stock Farm.

## HERD BULLS.

3 Scotch Herd Bulls 3  
AT MALAKA FARM.Two Reds, One Roan. Rare Bargains.  
H. D. PARSONS, - - - NEWTON or BAXTER, IOWA

## BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at  
bargain prices, principally all reds, including  
several Scotch bulls, in ages from 12 months old and  
upward. JESSE BINFORD & SONS, Albion,  
Iowa, or Liscomb, Iowa.

## QUEEN MILLS HERD SHORT-HORNS.

HAMPTON'S COUNSELOR 264533.

ONE of the greatest sons of Hampton's Best at  
head of herd. The leading Scotch and Scotch-  
topped families in herd. Address,

G. H. WHITE, - - - EMERSON, IOWA

## BACH GROVE STOCK FARM.

F. M. ZENOR, WOOLSTOCK, IOWA

Breeder of Short-Horn Cattle.  
Families represented: Princess Royal, Duchess of  
Gloster, Mysle, Roan Lass, Lavender, Orange Lass,  
Nellie Bly's and Pure Bates Cattle. Phone No. 804.

## SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls,  
ready for service. Cows with calves at foot.One good Poland China Boar 11 months old. Prices  
such as will sell stock. P. S. & S. Burr,  
Box 11, R. 4, Davenport, Ia.WILLIAM REED  
PLEASANTVILLE, IOWA.  
BREEDER of short-horn cattle. 175 head in herd.  
Wish to sell 50 head quick. Farmer's prices.  
Come or write.



70

Head of Scotch and Scotch Topped Short-horn Cattle

70

..... WAYNE, : NEBRASKA, : WEDNESDAY, : JUNE : 26, : 1907 .....  
The Best Lot of Short-horns ever offered for sale in Northern Nebraska.

16 BULLS, 54 FEMALES, 25 CHOICE HEIFERS. 10 COWS WITH CALF AT FOOT

WE are selling some of the very best cattle we have in our herds, and this offering is largely a draft from one of the largest and best herds in the west. The Scotch families represented in the sale are Queen of Beauty, Mary Ann of Lancaster, Daybreak, Dorothy and Evangeline tribes. The American sorts are represented by Young Marys, Young Phyllis, Sanspareil, Arabella and other well-known tribes. We are offering a grand lot of bulls, ranging in age from 9 months to two years. The cattle that go into our sale are splendid individuals, having lots of scale and plenty of bone. Cows not having calf at foot and old enough will be bred to our well-known herd bulls. There will be sons and daughters in the sale of the \$1,000 bull Merry Marshall. King Champion (now at the head of the C. A. Saunders herd) Lord Banff 20th, Gwendoline Lad 2d, Star of Morning, Golden Champion, Scottish Butterfly, Commander and Cumberland. We are contributing twenty very choice heifers, the pick of our herds. We are doing this to give the young breeders an opportunity to get a bunch for foundation stock. The cows are splendid milkers and raise their own calves, always. Write for catalog and come to the sale. Address

AUCTIONEERS:  
Col. Cunningham, Wayne, Neb. Col. Baird, Hartington, Neb.  
Col. Walker, Newman, Iowa. Col. Dennis, Laurel, Neb.  
(Please mention Iowa Homestead when writing for catalog.)

A. B. CLARK, Wayne, Neb.  
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DUROC JERSEY HOGS.

W. L. A.'s CHOICE GOODS

Heads Iowa Banner Herd of Durocs

H carries the blood of the greatest boars known to the breed and is pronounced one of the really great breeding boars in all "Duroc-dom."

DANDY ORION 33879

An Orion-Long John boar assists him in the herd. Four fall boars and the finest string of spring stuff ever produced by us now on hand. Write or come and see the herd.

W. L. ADDY & SON, PARNELL, MO.

60 DUROC JERSEY PIGS

Sired by La Follette 38563; others sired by Wilson's Top Notcher. A nice string of fall stuff, sired by College Chief. Visitors welcome. Write us for prices.

D. R. WILSON & SON, Redfield, Iowa

Good Yearling Boar for Sale

E. K. Young & Son, Havelock, Neb., offer a good yearling boar for sale at a very low figure. He is richly bred and deserves a place in some good herd. Write them and mention The Homestead.

LAMBS DUROC JERSEYS.

HERD headed by Purple Quality, a son of Crimson Wonder I Am, dam Orion Belle. I have a full brother to him for sale. A fine bunch of spring pigs on hand by the most prominent sires. Litters by Hanley, Ambition, Buddy L. by Buddy K. 4th. Book your order early. Elmer Lamb, Tecumseh, Neb.

Village Stock Farm, Carlinville, Ill.

HAS a few October boars. Will also take orders for spring pigs. Write your wants.

Comer & Gilliland, Carlinville, Ill.

SUTTON HERD OF DUROC JERSEYS

HERD headed by Brooklyn Boy by Keep On. I have 100 good pigs on hand and will book your order for one at any time. Write me and mention The Homestead.

CHAS. VAN PATTEN, SUTTON, NEB.

HILLHURST HERD DUROC JERSEYS.

FALL BOARS for sale sired by Red Knight Again 43325, and yearling sows sired by Crimson Wonder I Am 2d, my State Fair prize winner, and Perfection Boy. Only first-class stock shipped.

AUGUST VOGEL, PORTSMOUTH, IA.

KRASCHER'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize winner Illinois State Fair, 1905, and Gold Cloud, first and sweepstakes boar Illinois State Fair, 1904, for sale at reasonable prices.

FRED KRASCHER & SON, MACON, ILL.

FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars of September farrow for sale at reasonable prices. Now booking orders for spring pigs.

H. B. GRIFFITHS, Bowen, Ill.

EVERGREEN STOCK FARM DUROCS.

100 GOOD pigs on hand. Herd represents best blood known to the breed. I am booking orders for spring pigs. Prices reasonable. Representation guaranteed. Mention Homestead when writing.

W. H. Cummings & Son, Tecumseh, Neb.

DUROCS 125 HEAD

MY HERD carry the blood of Gold Dust Jim; Proud Advance; Improver 11; 2d Surprise; Chief of Chiefs; Teddy R.; Echo King; Royal Top Notcher. At farmers prices.

F. A. KRUSE, WACO, NEB.

PANCAKE'S DUROCS

HERD headed by Kant's Top Notcher. One of the best sons of Kant he beat. 150 spring pigs representing most noted blood of the breed. Write for prices and descriptions, mentioning Homestead.

Ernest Pancake, Ransom, Illinois

Prolific Herd of Duroc Jerseys

I AM offering some very promising male and female pigs sired by Billy K. 4th, 2d, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th.

Chas. Van Patten, Sutton, Nebraska

Gwinner's Duroc Jerseys

100 GOOD pigs on hand to supply the season's trade. They represent the most fashionable strains and among them are prospective show animals. I will book your order now. Write me.

E. C. GWINNER, Holdrege, Nebraska.

DUROC JERSEY HOGS.

OAKDALE STOCK FARM

A. E. MARTZ, PROP., NEBRASKA.

LIBERTY, NEBRASKA.

DUROC JERSEY SWINE

100 GROWTHY SPRING PIGS ON HAND 100

THESE pigs are mostly from Junior Jim 30437 sows and sired by Little M. 40343 by the prize winner Little K. 20373, others by Martz's Top Notcher 54987 by the world's champion Tip Top Notcher. Pigs shipped on approval. Write me for prices for Sept. delivery. Get your order in early. First in first served.

PENNYRILE HERD OF DUROCS.

HOME of Commodore 13381, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th, and Commodore 3d. Orders now booked for spring pigs. All others sold. Address,

AMOS W. HARRIS & SONS, WAVERLY, KY.

GOLDEN HERD DUROC JERSEYS.

HERD headed by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred to these boars for sale. Service fees to Tip Top Notcher \$100; to Ambition \$50. Will book a limited number of sows at above prices. The best is none too good.

L. E. Thomas, Golden, Illinois. R. E. Hogsett, La Prairie, Illinois.

AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON & CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels, the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead when writing.

DUROCS DUROCS DUROCS

OWNED by W. H. Halth, Vesta, Neb. Herd headed by Ed's Improver 43837, one of the greatest living sons of Improver 11 13865. 125 good pigs on hand from most fashionable strains. Am booking orders for spring pigs. Write me for prices. Inspection invited. Mention Homestead when writing.

WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lexington, Ky. We bred and lifted all but one. We breed the winners. Stock of all ages for sale. Write or come.

WATT & FOUST CEDARVILLE and XENIA OHIO.

WALNUT GROVE HERD DUROC JERSEYS

HOME of the \$1,575 Rose Bud Lady with her litter by Medoc, a son of the \$8,000 Kant Be Beat. The \$600 H. Garnett with her litter by Improver 11. Many others of choicest breeding and individuality. Look me up at the Nebraska State Fair. Nothing priced at present.

H. G. WARREN, INLAND, NEB.

8 High Class Ohio Chief Boars For Sale

I WILL sell my great yearling boar, Wonder's Ohio Chief, a son of Ohio Chief and out of Wonder's Queen, a daughter of the great brood sow, Beatrice Queen. Here is a great herd boar for somebody. I also have seven good fall Ohio Chief boars for sale. If you want an Ohio Chief boar write me at once. Address W. A. Rankin, Carson, Iowa.

BUDDY K. IV ...EVER SOLD AT AUCTION...

HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100 each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

McNEIL BROTHERS, BOWEN, ILL.

TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion herd from Illinois same show, and sire of State Fair champions. We are booking orders for spring males by this sire and from dams of fashionable breeding. Address,

FAGAN, BROWNING & McCABE, HERSMAN, ILL.

THREE SPLENDID FALL BOARS

Sired by I Ama Wonder, a son of the sweepstakes boar Crimson Wonder I Am, and out of the \$1500 sow Ruberta. Come and see these if you want a herd header. Address,

F. E. Garrett, Lohrville, Iowa.

MAUPIN & APPELEGATE, SHELBY, MO.

GOOD DUROCS Fashionably Bred

NOTE the sires: Belle's Chief 51323, sire, Ohio Chief, dam, Savannah Belle; Queen's Advance by Proud Advance; Buddy O. 2d by the \$5,000 Buddy K. 4th; and Paul Kruger by Kruger. Sows as richly bred. We offer boar pigs by these sires, also some by Hanley. We like to show you, so come if possible.

M. S. MOATS & SON'S DUROC JERSEYS

125 CHOICE pigs, sired by such noted boars as Crimson Critic, 2d prize boar at Nebraska state fair, Duroc Challenger's Wonder, Jumbo Critic, Ohio Chief, John D. Rockefeller and Mo. Gold Finch. We have herd headers for the future. Write us at once.

M. S. MOATS & SON, RANDOLPH NEB.

DUROC FALL BOARS

THEY are good ones, got by Perfection Chief 23867, and Choice Goods 43367 a litter brother to W. L. A's Choice Goods. Write me if you want something good at a moderate price.

GEO. M. McMURRY, MARYVILLE, MO.

DUROC JERSEY HOGS.

Red Oak Herd

OF recorded Duroc Jersey Swine. We have a few of the last of May farrow, good ones. Write, phone, or come and see them. Satisfaction guaranteed. We can ship on C. R. I. & P. or Northwestern.

J. W. TROY & BROS. PROPS., Rosehill, Mahaska Co., Iowa.

Crimson Wonder Again 40785

CHAMPION Ia. State Fair 1906 heads Mulberry Grove herd of Durocs. He is assisted by Top Notcher again, champion of two State Fairs 1903, also sire of World's Fair Jr. champion, Top Notcher Chief. Fall boars by these noted sires for sale. Address,

H. S. ALLEN, RUSSELL, IA On main line C. R. & Q. R. R.

PIONEER HERD DUROCS.

WE have several good boars sired by Royal Top Notcher 23639, Sure Winner and Echo King 18415. If you want the tops come to us; we have the best. Correspondence promptly attended to. Address Arch Brown & Sons, Waterloo, Nebraska.

CLAREMONT

HOME of S. E.'s Model VIII and IX. Claremont Model, Proud Model and Proud Advance, 250 pigs of spring crop. 7 fall boars for sale. Orders booked for future delivery. Address:

Weighton & Ashby, Audubon, Iowa

Three Ohio Chief Boars

for sale. Two fall boars and one yearling. Write me at once.

C. F. KIRK, Ponca, Nebraska.

RUSSELL'S DUROC - JERSEYS

GLENDALIE CRITIC, the greatest son of Crimson Wonder, at head of herd. Booking orders for fall delivery. 125 pigs to pick from. Address,

E. Z. RUSSELL, BLAIR, NEB.

Smith Brown's Duroc Jerseys

HOME of the winners. 125 pigs by Echo King, Red Chief I Am, Crimson Wonder 2d, Waterloo Prince and other well known boars. I have the pigs this year; if you want a good one write me. Address,

SMITH BROWN, Waterloo, Neb.

GOLDEN QUEEN DUROCS

HERD headed by Crimson Jim, a grandson of the great Crimson Wonder, assisted by Lincoln Top by Morrison's Belle Top. I will offer a few good gilts bred to Lincoln Top that are right in every respect. Write me and I will tell you all about them.

W. M. PUTMAN, TECUMSEH, NEB.

NORTH BLUE DUROC JERSEYS

MY herd is headed by Echo Wilkes, the \$305 male pig. 120 pigs on hand, mostly of early farrow. I can supply your wants, be they large or small. Write me your wants and mention the Homestead.

Chas. Liebhurt, Marquette, Neb.

PLEASANT VIEW HERDS DUROC - JERSEYS

140 SPRING PIGS, Sired by such noted boars as Junior Jim, American Royal, IXL Advance, Reisser's Tip Top Notcher and other sires. We have some good boar prospects. Write us. REISSER BROS., Sanborn, Iowa.

C. M. Dewey, Shannon City, Ia.

FOR SALE—Duroc Jersey boars, summer farrow, sired by W. L. A's Choice Goods. Fall boars by Proud Advance and Teddy J. A few sows bred to Ohio Chief II for summer farrow. Write or visit.

25 Duroc Jersey Bred Gilts 25

I HAVE for sale 25 bred gilts for March, April and May farrow of best breeding and individuality for sale at bargain prices.

F. M. Erschen, Odell, Ill.

ROSE HILL HERD DUROC JERSEYS

TWO fall boars and a few sows for fall farrow. 125 March and April pigs, sired by Long Aliz, Arion and Redwood Chief, nearly all from mature sows.

AUSTIN RENSHAW, BLAIR, NEB.

SIX GOOD FALL DUROC JERSEY BOARS

FOR SALE—Extra good individuals. Priced right. Taken at once. Sired by Fancy Crimson Wonder. Limited number sows bred to Lincoln's Wonder for September farrow. W. A. Kirkpatrick, Lincoln, Neb., A. W. Wilson, Bethany, Neb.



# A WONDERFUL OPPORTUNITY for the Homesteader and Investor

## TWO HUNDRED THOUSAND ACRES

Of the Famous Golden Prairie District of

# Southeastern - Wyoming

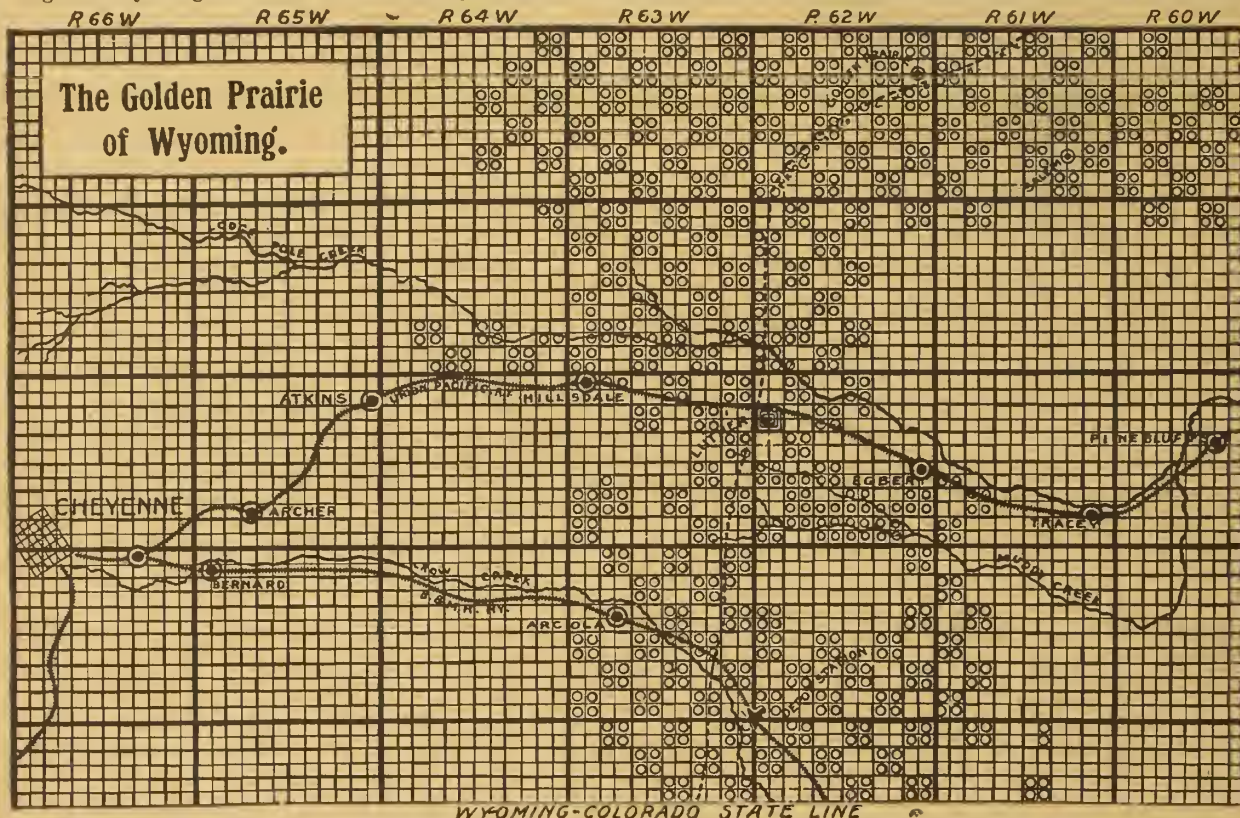
Now Thrown Open for Settlement.

The recent order of the National Government compelling the removal of all fences surrounding homestead lands has forced the stockmen of Laramie County, Wyoming, out of business.

We have purchased the deeded land as shown on the map found on this page, 10,000 acres of which we are keeping and improving, while the balance is being placed on the market in tracts of 160 acres and up, with prices ranging from \$8.00 to \$15.00 per acre, with small cash payment and balance distributed over a period of 10 years with low interest.

### A 160 ACRE HOME FREE TO YOU.

The even numbered sections, except school sections, are subject to homestead entry so that the purchaser of a quarter section of our land can, by taking the adjoining land as a homestead, get his land at half price. This unusual opportunity is being taken advantage of daily and those desiring free homesteads should not delay.



This sectional map shows the Golden Prairie District. Our lands are designated by a circle in each quarter section. We are now marketing that portion of the land south of the main line of the Union Pacific Railway. None of this land is more than six miles from railway station on either the Union Pacific or the B. & M. R., while the proposed C. W. & N. is projected north and south through the middle of the tract.

The land lies level to gently rolling and is good rich soil with no alkali, brush, gumbo or other imperfection. The whole tract is underlaid with pure sheet water at a depth of from 20 to 80 feet.

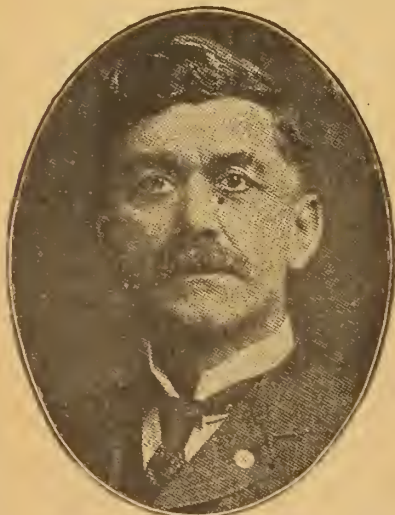
### AMPLE RAIN-FALL. NO IRRIGATION REQUIRED.

In the Swedish settlement adjoining our lands, large crops have been raised during the 20 years the settlement has been located there. These people follow the ordinary farming methods of the central states and their harvests of wheat, oats, barley, potatoes, etc., are remarkable, both in quantity and quality. Our literature, which is sent free for the asking, contains testimonials of a number of these people. They will be a revelation to you.

Fill out and mail us without delay, the coupon found on this page. It will supply you with much valuable information.  
References: Publisher of this paper and Des Moines National Bank.

## LOOKS GOOD TO WRAGG.

Editor of Farming Papers Buys Farm and Daughters Follow His Example.



Mr. M. J. Wragg, Horticultural Editor of Twentieth Century Farmer who attests his faith in the Golden Prairie country by investing in 640 acres of the land.

"Mr. M. J. Wragg, an editor of the Twentieth Century Farmer, of Omaha, and an extensive contributor to the agricultural departments of various newspapers, is in the city today and was a caller at the Tribune office. Mr. Wragg has been spending several months in the West writing up agricultural conditions and opportunities, and was so impressed by what he found that he took his own medicine and purchased 640 acres of land near Salem, and his example has been followed by his two daughters who have taken up land near Luther. Wragg says that he would encourage young active, intelligent farmers who cannot afford to buy the expensive lands in the central states to come to this state where the conditions are so promising."

The above taken from the June 8th issue of the Wyoming Daily Tribune of Cheyenne refers to one of the leading agricultural and horticultural authorities of the country. We sold Mr. Wragg his land and he is now personally superintending the planting of crops and erection of buildings.

Statement of T. M. Rider, and W. A. Rider.

Mr. T. M. Rider is one of the best-known breeders of thoroughbred Clydesdale horses in Iowa. The following testimonials from him and his son dated Fairfield, Iowa, Feb. 20, 1907, afford us great satisfaction: We wish to state for the benefit of those who are interested in cheap land, that on December 4th we mailed to The Federal Land and Securities Company, of

Des Moines, Iowa, our order and draft for a section of land in the Golden Prairie District of Wyoming, to be selected by them subject to our approval. On December 18th we went out to see this land and were very highly pleased with the country and the selection made for us, in fact so much so that we refused an offer of Nine Hundred Sixty Dollars advance over purchase price on our section two days after our arrival.

We also took homesteads adjoining and expect to locate on our land in the spring. We think this one of the best cheap land propositions that remains in the United States today and is well worth anyone's time to investigate. Also the chance to obtain a free homestead makes it doubly attractive.

We have found this to be a very gentlemanly and obliging company to deal with and feel that we can recommend them to any who wish to make a paying investment in good cheap land.

Sincerely,

(Signed) T. M. Rider, W. A. Rider.

The Messrs. Rider are now located in their new homes with postoffice address Luther, Wyoming.

## Opinion of a Government Expert.

### Sugar Beets in Wyoming.

"Chas. F. Saylor, a sugar beet expert in the employ of the department of agriculture, has arrived at Cheyenne, and after a short visit in Utah, will make an investigation of the advantages of this state for sugar beet raising. Mr. Saylor states that the adaptability of the sugar beet to the soil of nearly all sections of Wyoming is already understood and that the era of the sugar beet in the state has arrived. He predicts that there will be many factories in Wyoming within a few years. Mr. Saylor is also a dry farming enthusiast and believes this state has a great agricultural future. He is of the opinion that land in the vicinity of Cheyenne ultimately will be worth more than \$100 an acre."—Cheyenne (Wyo.) Daily Leader of June 4, 1907.

THE FEDERAL LAND & SECURITIES CO.,

Des Moines, Iowa.

Gentlemen: Please send me at once, free of charge, sectional map and literature of the Golden Prairie District of Southeastern Wyoming.

NAME.....

ADDRESS.....

Acres wanted.....state if for home or investment and if free homestead is wanted:

The Homestead, June 20, 1907

**Federal Land & Securities Company, 210 Fifth St., Des Moines, Ia.**





#### THE ALFALFA SEED BED.

There is only one choice left this year as to the time of sowing alfalfa, and those who failed to get a catch last spring must wait now until after harvest. Alfalfa is not a difficult crop to grow on ordinary soil that is either naturally or artificially drained, and most of the difficulty about getting a stand is due to the fact that the correct cultural principles are not complied with in preparing the seed bed.

Men who have planned to get a stand this fall by leaving their land bare with the hope of cultivating it from time to time during the season need little advice from us, because that is really the ideal way of fitting the land for alfalfa. It destroys the annual weed seeds in the surface soil, conserves moisture, firms the lower soil, and ideally fits the seed bed for the reception of the seed, so that germination is uniform, quick and strong. On such a soil, if the seed is sown in August or during the first part of September, the chances of not getting a stand are, in our opinion, very slight.

Turning now to the plan that must be followed by the average man who expects to sow his alfalfa seed this fall, we first recommend that the stubble be plowed as soon as possible after harvest. This is necessary in order that full opportunity be given to work down the soil into a firm, yet friable condition. Furthermore, it is absolutely useless to plow early unless one fully makes up his mind to do the necessary work on the surface at intervals of one week or ten days. The harrow for this purpose is an ideal implement, though, of course, if the weeds start it may be necessary to use the disk to some extent. An instance was called to our attention where a Kansas farmer last fall harrowed a certain field fourteen times after plowing and before seeding, and yet the report that he has to offer on his success in getting a stand would indicate that all his labor was justified. We insist that half-hearted methods will not result in success in undertaking to get a stand of alfalfa, and the crop is so valuable and lasts so many years after a proper seeding that one can well afford to take the necessary time to fit the land. As to time of seeding, we have said before that best results are usually obtained by sowing in August, though in the southern half of the corn belt seeding may be done as late as the fifth or tenth of September. Each man must be his own judge of local conditions, the main object being to obtain a fairly good growth before the ground freezes. If the plants are small when growth ceases in the fall they are much more apt to be heaved out by the freezing and thawing of the ground, while a strong root system will in most cases prevent the occurrence of this. As to the amount of seed that should be used, there is some difference exists in the practice even of successful men. Ordinarily twenty pounds per acre has been recommended, but Professor Miller, superintendent of institutes in Kansas, a man who has taken special inter-

est in propagating alfalfa doctrine and one who has been successful in growing the crop himself, makes the claim that if the seed bed is right eight, ten or, at the outside, twelve pounds of seed per acre is an ample supply. Mr. Miller says that the reason twenty pounds has been so favorably recommended is because the seed bed has not been properly prepared for the reception of the seed. In his belief Professor Miller is supported by Professor Ten Eyck, of the Kansas station, who also recommends anywhere from eight to twelve pounds per acre; but each claims that the seed should be sown with a barrow seeder and half the quantity should be sown in one direction and the balance in the other direction so that not a single foot of land will be missed.

When you undertake to grow alfalfa you must have an absolutely perfect stand or the crop will always be a source of annoyance to you. You will be trying to patch, the weeds will come in on these bare places, and altogether you will possibly become disgusted and give up the battle. Do the work properly in the beginning, and if your land is drained the chances are that there will be no difficulty in getting a perfect stand.

#### TURNING HOGS ON RAPE.

One of our subscribers from LaSalle, Ill., sends the following communication:

I wish you would inform me, through the columns of your paper, when is the best time to turn hogs into rape, or, in other words, what condition should the rape be in as to size when hogs are first turned in?

No hard and fast rule can be laid down on this subject. Where the number of hogs is comparatively large for the acreage of rape it is advisable to allow the crop to make considerable growth before turning in. In that way much more feed will be raised from a given area than if it is pastured earlier.

Were we asked to give the ideal time to turn hogs into rape or to state the best condition of the rape, we would advise turning the hogs in when the rape is anywhere from six to eight inches tall. While it is true that the leaves are very succulent at that time, nevertheless we have never had any injury result and we always prefer, if it is at all possible, to allow the hogs to run in the crop before it is large enough to shade their bodies. If they are in it every day there is very little danger of blistering, at least that has been our experience in pasturing hogs on rape for many years.

Of course it should be remembered that rape, unlike cereal crops, never matures, the leaves and stems remaining succulent throughout the growing season. Because of that it may be pastured with good results, both while it is young and while it is more nearly mature.

#### SEEDING CORN LAND TO TIMOTHY AND CLOVER.

An immense amount of high-priced seed and considerable labor is annually wasted in attempts to get a stand of grass in small grain. Not that we have any fault to find with sowing clover and timothy along with cereals, because under average conditions it is the best possible method, but rather that we find occasion to inquire into other methods by which men have succeeded.

We desire to say that, although the practice is not common, at the same time it is entirely practicable to sow such grasses as clover and timothy in corn fields previous to laying the crop by. We have seen this plan tried well up into the northern part of the corn belt and followed by excellent results.

When seeding is done in corn there must at least be one condition present, namely, that the surface must be fairly free from weeds. If for any reason the

cultivators have not kept the weeds in check we would not advise seeding in this way, because so much of the land will fail to produce a stand that the results will be unsatisfactory. We would advise no man to undertake to seed his land when there is only a prospect of getting half or three-quarters of a stand. Such a stand is always unsatisfactory and rarely profitable. There must be a full stand or none.

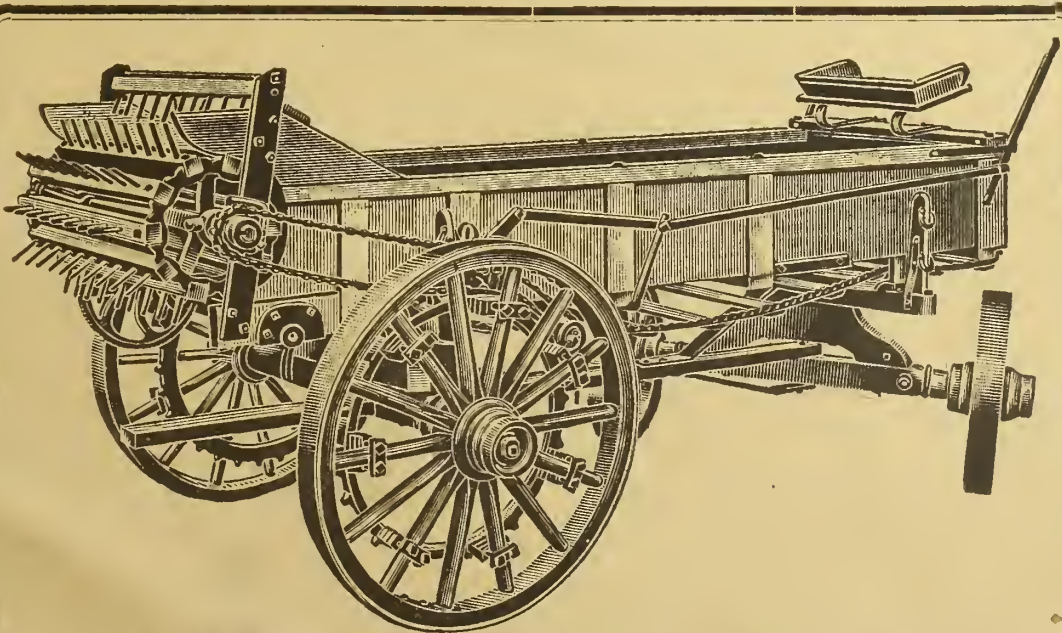
The ordinary cultivators are not specially adapted to the purpose of covering such small seed as timothy and clover, and consequently where one desires to seed down a part of his corn acreage it usually pays to use some kind of a harrow cultivator—something that will not cover the seeds more than an inch or an inch and a half and at the same time leave the surface soil as nearly level as possible. Moreover, it usually pays to run the cultivator both ways after sowing the seed, otherwise there will be a strip between the hills of corn that is apt not to produce any stand whatever; but by cultivating crosswise there will only be a very small space at each hill where one will not get a catch.

Those who are afraid that they will waste their clover seed need have no hesitation whatever about sowing timothy. This is a hardy crop, and even should one only get a growth of three or four inches the first year the chances are that the stand will come through the winter almost anywhere in the corn belt.

#### PREVENTING SOILS FROM DRYING OUT.

In an address delivered before the Kansas State Board of Agriculture at its last session, Professor Mosher, of the University of Illinois, gave some good advice on the above subject. He addressed himself to that phase of the subject which included the retention of moisture in semi-arid lands, and among other things, said:

In arid or semi-arid regions the soil should be kept loose as much of the time as the crops and weather will permit. Plow the ground as soon as the crop is removed, whether it be summer or fall. Follow the harrow or header with the disk, and then the ground can be plowed later, but plow the ground as soon as possible, so that the soil will be in the best condition for retaining the moisture present and absorbing the rainfall. A freshly plowed soil may be too loose, and is apt to be so if coarse organic matter, such as corn stalks or straw, is plowed under or if cloddy when plowed. This hastens evaporation. Use some implement for compacting it so that circulation of air cannot go on very rapidly in the plowed soil. The harrow will answer very well, although some may prefer the sub-surface packer followed by the harrow. The surface two or three inches should be loosened after every rain—no difference what implement is used, provided it does the work. To show the effect of fall plowing in arid regions, at the Utah Experiment Station, samples taken July 19th from fields, one of which had been plowed the fall before and the other in the spring, showed 7.47 inches more moisture in the fall plowing to a depth of five feet than in the spring plowing to the same depth. At various places in the arid west the value of summer fallow and fall plowing are receiving demonstration by the good crops that may be grown on land that was formerly thought to be worthless. The farmer is now able to keep the



This is the "Knox Simplicity Spreader" just now being placed on the market by the Western Harness & Supply Co., of Waterloo, Iowa. It is what is known as a wagon box spreader and can be used on any farm wagon or truck. A large sprocket wheel is clamped to the hind wheels of any regular farm truck and this generates the power that drives the spreader. This new "Knox Simplicity Spreader" is to go on the market at \$55, so that there is an immense saving made when the farmer supplies his own truck. This spreader is driven by both hind wheels of the wagon, which is an important feature, and no matter how short you turn, the heater still remains in motion. The drive sprockets are adjustable to meet the requirements of any wheel over thirty-six inches in diameter. All castings are heavy and fully equal to any duty that may be required of them. The apron slats are made of strong, well-seasoned hard wood. The spreader cylinder may be run at four different rates of speed, at the will of the operator. Although every part of this spreader is sufficiently strong to do the work, it is, nevertheless, of medium weight. As said before, the price of this spreader is \$55 and will be sold direct, to farmers only. Those interested in a good, inexpensive spreader cannot do better than communicate with the Western Harness & Supply Co., of Waterloo, Iowa, after reading the advertisement on page 3.



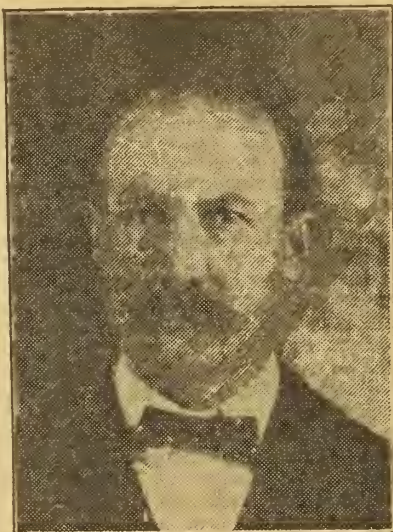
moisture in the soil and grow a crop with two seasons' rainfall where one would not be sufficient, or in some cases grow two crops with three seasons' rain. The practical application of the principles of conservation of moisture is opening up possibilities in the great West that were not dreamed of twenty years ago. Although plowing and the immediate preparation of the soil is of vast importance in the arid regions, it is necessary to produce a new mulch after every shower until the crop is planted. Weeds must not be allowed to grow. In the spring the soil must be worked as soon as the weather will permit, to restore the mulch that has been destroyed by the winter rains.

While in the main this doctrine applies to regions where conditions are not specially favorable for corn growing, at the same time Professor Mosher enunciates a principle that may in many cases be applied locally. We refer to the matter of plowing the soil as soon as cereal crops are removed, or if this cannot be done to at least disk the surface. Apart from the fact that this will tend to conserve the moisture for future use, the effect of the practice is to liberate fertility for the next year's crop. A dry, harsh stubble surface is to a large extent chemically dead, and this condition is not favorable to the production of maximum crops. Furthermore, the early plowing of stubble land will very frequently prevent the scattering of weed seeds, because we have many varieties of weeds that mature in a very few weeks after harvest. If they are plowed under lightly many of them will germinate, but fail to reach the seeding stage.

#### SPREADING ALFALFA DOCTRINE.

Although the state of Kansas holds the record as to the number of acres of alfalfa grown in a single county, yet within the last month the leading agriculturists of the state have deemed it wise to stir the people of eastern Kansas concerning the importance of growing a much larger acreage of this wealth-making legume. To this end the forces of the agricultural college and the industrial department of the Santa Fe Railroad were joined during the second week of June and a special train was operated through the eastern part of the state, carrying a corps of alfalfa experts. This

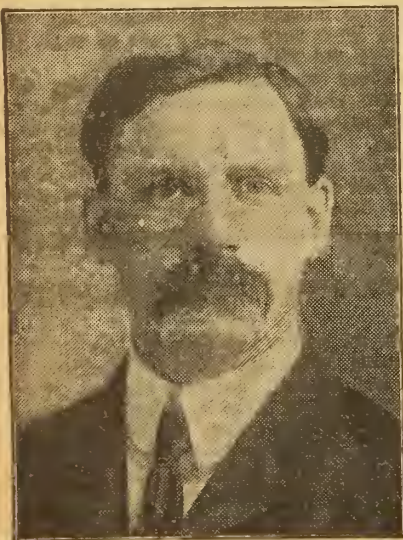
It was advised that the crop be sown some time in the month of August or early in September, but preparation of the soil must precede the time of sowing many weeks. If it is stubble land it should be plowed as soon as the crop is removed and harrowed thoroughly. In one week or ten days harrow again. If the weeds make their appearance, disk the land and then harrow. A case was mentioned where one man harrowed his land fourteen times between the date of plowing and the date of seeding, and yet the stand he obtained justified the labor spent on it. Unless men will put sufficient labor on the surface so as to make the soil fine and yet firm below, there is little need of sowing the seed because



PROF. G. C. WHEELER.

the crop will in all probability winter-kill. The advantage of sowing in the fall as compared with the spring is due to the fact that annual weeds make little or no opposition in the fall. If they germinate they are afterwards winter-killed, so that in the spring fall-sown alfalfa has clear sailing. On the other hand, if it is sown in the spring frequent low cuttings are necessary in order to keep the weeds in check, and this in many cases weakens and in some instances kills out the alfalfa itself.

Of course there is an ideal way to prepare the seed bed for alfalfa, and that is to give up the use of the land for one year in preparing the seed bed. Mr. Taylor, who is now growing 125 acres of alfalfa on his farm, freely expressed the belief that the crop is so valuable and the importance of getting a good stand so necessary that it pays to prepare the seed bed in the following way: Plow the soil in the spring and keep the weeds in check from that time until you are ready to sow the crop in August. It may require many diskings and frequent harrowings, but this labor conserves moisture, kills generation after generation of weeds, liberates fertility, firms the lower soil, fines the surface soil, and in every way makes a perfect bed for the reception of the seed. The plan of plowing stubble land after taking off a cereal crop very frequently succeeds, and under ordinary circumstances it may be expedient to undertake the preparation of the land in that way, but the ideal plan, in the opinion of Mr. Taylor, is to take the whole season until August to prepare for the crop.



PROF. A. M. TEN EYCK.

train halted for a period of three-quarters of an hour at seventy-two towns, located in the following counties: Jefferson, Atchison, Leavenworth, Wyandotte, Johnson, Franklin, Coffey, Anderson, Woodson, Allen, Neosho, Crawford, Montgomery, Elk, Wilson, Greenwood, Lyon, Osage, Douglas and Shawnee.

Prof. J. H. Miller, superintendent of the farmers' institutes of the state, had charge of the instruction work, he being assisted by Prof. A. M. Ten Eyck and Prof. G. C. Wheeler, of the agricultural college, and Mr. Edwin Taylor, of Edwardsville, Kan., an experienced alfalfa grower and at present a regent of the agricultural college.

The instruction given by these men related to the feeding value of alfalfa as a pasture as well as a hay crop, and to its ability to restore fertility to the land in the form of nitrogen. The claim was made that no pasture excelled alfalfa for hogs, while in the form of hay it was par excellence the king of roughage. As Mr. Taylor expressed it, "Alfalfa is the most palatable and nutritious food known to the appetite of domestic animals. As a fat and flesh-maker it has no equal, and the surprise is that a larger acreage of this crop is not grown in eastern Kansas."

But the burden of the talk of these experts related to the preparation of the seed bed and to the manner of sowing.

this train, that there are several grades of alfalfa seed on the market, but only one grade should be used, namely, the best, which is always the highest in price. Some time ago a farmer sent some cheap seed to the agricultural college at Manhattan, and an examination revealed the fact that on the basis of pure alfalfa his \$8-a-bushel seed had actually cost him more than \$40 per bushel. For germination tests and for the purpose of identifying weed seeds the Kansas Agricultural College officials stand ready to co-operate with seedsmen and with farmers so as to insure the sale of the best quality of alfalfa seed only.

We have briefly given the substance of the teaching that was done on this special train. To the reader there is not the enthusiasm experienced by the seventy-two audiences who faced the speakers, but, after all, the enthusiasm will disappear and each man must decide for himself whether or not he will undertake the growing of alfalfa. When you consider that under ordinary circumstances it will produce four or five cuttings of the richest hay on earth a year, you are not apt to go far wrong if you will comply with the principles enunciated above in preparing your soil and sowing your seed, providing your land is reasonably well drained, either naturally or artificially. Any kind of good corn land will grow alfalfa, while alfalfa lands always produce the best crops of corn.

#### A CLASS FOR SHORT-HORN CATTLE AT THE INTERNATIONAL OF 1907.

The International Live Stock Exposition, being desirous of determining and demonstrating the best and most economical method of feeding cattle, has created the following classes, to be known as "Short-fed Specials."

Cattle to be eligible for entry must not have been fed grain previous to the time application is made, but after that time the owner may feed the cattle such feeds, including grain, as in his judgment will accomplish the greatest results within the given feeding period, i. e., from the date application is made for entry to the opening day of the exposition.

The following rule governs this contest:

(a) Application for entry must be made between the 1st and 15th of August. (b) Cattle must be owned by exhibitor at the time application is made. (c) Cattle must not have been fed grain previous to the time application is made; they may, however, have been run in stalk fields previous to this time. (d) Eighteen cattle may be fitted, but only fifteen of this number can be shown as one carload. (e) Cattle must be weighed, 12 hours in dry lot off feed and water, on day application is made and a record must be kept of the weight of these animals. The cattle to be judged will again be weighed, under similar conditions, at 10 A. M., Monday, Dec 2d. (f) Sworn statement by the owner and two other reputable persons that cattle had not been fed grain previous to time application for entry is made, also covering the weight of animals on date of application, must be sent to the General Superintendent of the Exposition with said application. (g) A record of the kind, weight and cost of feeds consumed during the feeding period must be kept by the owner, who will deliver this information, together with the weight of the animals at time of entry, to the Superintendent of the Carload cattle division, on the opening day of the Exposition. (Blanks for all of these purposes will be furnished on request to the General Superintendent). (h) In judging these classes, quality and finish will count sixty per cent; gain forty per cent.

The following prizes will be offered for these classes:

	1st.	2nd.	3rd.
	Pr.	Pr.	Pr.
Carload of 15 head, one year and under two	\$100	\$50	\$25
Carload of 15 head, two years and under three	100	50	25
Champion carload of these classes	Cup		

#### Inexpensive Crib.

To the Editor of The Homestead:

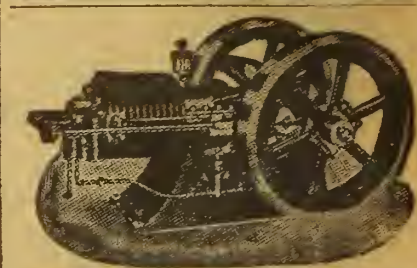
I noticed what your correspondent had to say about cement floors for corn cribs two weeks ago and what suggestions was made in reply in last issue, but it seems to me that the ground is not fully covered yet and as I have had considerable of experience in building cribs in a way that saves almost one-half of the cost of a frame crib, perhaps what I may suggest will prove of interest to those who are seeking ways to cut down the lumber bill. We are building all our cribs now by setting cedar posts in the ground about one foot deep and eight feet apart, then line them up, brace them and the plate can be put on as a part of the bracing, after which we fill the holes around the posts with concrete, which we make about one part cement to five

**WHAT DO YOU SAY?**  
Several hundred thousand farmers say that the best investment they ever made was when they bought an

**Electric Handy Wagon**

Low wheels, wide tires; easy work, light draft. We'll sell you a set of the best steel wheels made for your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money.

ELECTRIC WHEEL CO., Box 43, Quincy, Ill.



#### GADE AIR-COOLED GASOLINE ENGINES

Sizes 2, 3 and 6 H. P.

We keep our cylinder cooler than it can be kept by water or oil. We have no frozen up water jackets or burst cylinders in cold weather like the old styled water cooled engines. Write for catalog and price list.

GADE BROS. MFG. CO., North Iowa Falls, Ia.

#### A Chance to Make Money

I have berries, grapes, peaches and apples two years old, fresh as when picked. Do not heat or seal the fruit, just put it up cold; keeps perfectly fresh and costs almost nothing. Last year I sold directions to over 120 families in one week. As there are many people poor, like myself, I feel it my duty to give you my experience, feeling confident anyone can make \$100 around home in a few days. I will mail bottle of fruit and full directions to any of your readers for 21-cent stamps, to cover cost of bottle, fruit, mailing, etc. Address Francis I. Turner, 170-172 Eighth Avenue, New York. Let people see and taste the fruit and you should sell hundreds of directions at \$1 each.

#### PILES CURED OR NO PAY

WE trust to your HONESTY and GRATITUDE to pay us after you have used our great discovery that has cured thousands. DON'T SUFFER, but enclose three two cent stamps, postage, for our \$1 treatment. Phelps Chemical Co., Lynville, Ia.

#### ANCHOR FIRE INSURANCE CO.

BEST terms for farmers ever offered. Capital \$100,000.00. Address, J. S. Clark, president, Des Moines, Iowa.

CELL TOBACCO AND CIGARS locally or traveling. Salary or commission. Full time or side line. Steady work; good pay; promotion. Address, Morotock Tobacco Works, Box 8-98, Danville, Va.

parts gravel. We usually use fence boards nailed to the outside of these cedar posts making the boards level on top and down to the ground where the ground is highest, then partly fill the space inside of these fence boards with any kind of earth, clay being preferable, which should be tamped well, then finish filling the boards with concrete, one part cement to five or six parts gravel, finishing with a one-inch coat of sand and cement, which should be one part cement to three parts of clean sand, troweled down smoothly and made somewhat higher in the center and sloping to each side. I might add here, that if a trench is left just inside of these fence boards to be filled with the concrete, instead of earth, that when the floor is dry, the boards can be removed, leaving the ripe concrete to protect the earth filling. Going back to the frame work, we run three stringers around the posts and put the siding on up and down instead of around, as cribs are usually built, however, fencing of four-inch stuff can be put on the old way if preferred, by setting a 2x4 or 2x6 between each of the cedar posts to nail to. The roof can be made either of roofing and bats or shingled as the frame crib.

Care should be taken to mix the ingredients well for the concrete, then to use it quickly and plenty of bracing should be used inside the building.

Calhoun county, Iowa. M. W. Fitz.

#### HENRY FIELD SEED COMPANY INCORPORATES.

Incorporation papers have just been filed for the Henry Field Seed Company which will begin business July 1st under the new name. There will be no change in management, however, as Mr. Field will continue to hold a large share of the stock and manage the company. The list of officers and directors include substantial and reliable business men, and Mr. Field will act as president, and H. E. Eaton, secretary and treasurer. Extensive building plans are a part of the program under the new regime, and it will be safe to say that whatever the company does in this line will be a fine monument to the seed business of the state. Our readers will continue to hear more of this company from time to time. We wish Mr. Field and his associates the best measure of success.



## Farm Furrows

Turned by a Practical Farmer.

Oats is recognized as the best feed for the brood mare. Why not for the brood sow?

The little boys are on their semi-annual good behavior just before the Fourth.

In view of the possible wheat crop shortage, cooks may be able to do with less shortening soon.

Not the quality of weather without, but that within is what determines the extent of our happiness.

A well-filled woodshed and a convenient water supply go a long way toward promoting domestic tranquility.

In some poultry houses it is a fight between the man and the louse to see which gets the most good out of the business.

Rats and mice do more damage than is ordinarily estimated. I have seen cribs of corn where the loss was easily 20 per cent.

Advertising has in the last few years taken on such an instructive mein that one may learn much by watching the columns devoted to this purpose.

Large fur establishments keep fur goods in cold storage to prevent injury from moths. However, they may be sprinkled with tobacco dust or leaves, and stored with impunity.

Did you ever know a farmer who quarrels with all his hired men about settling up time? I know one who has one every six months, or every year at least, and there has not been a single instance in several years where a satisfactory settlement was effected at the end. They always part as enemies and not as friends, and yet this farmer would be



## CONGO ROOFING

The time to be satisfied with your roofing is five years after you bought it. That's the test that Congo asks for. Durability is the only thing about a roofing that is really indispensable and Congo is full of it in the shape of high-grade weather-proof materials put together in the right way. Send for a free sample and see for yourself. Cut open the sample—test it. If you can recognize what is good in a roofing, you will decide on Congo.

**BUCHANAN-FOSTER CO.,**  
539 West End Trust Bldg., Philadelphia  
Chicago and San Francisco

## Fresh Water

Get our Automatic Pumping System to supply fresh water as needed in feed lots, barns and under pressure, in house all at same time. No Tank; No Stagnant Water. Great demand for machines everywhere. Agent wanted in each county. For information write or call **WESTERN PUMP & MFG. CO.** Beals Building, 9th & Wyandotte, Kansas City, Mo.



## THE Hoover Digger

Clean, fast work. It stands the wear and tear.



Favorite in every great potato growing district. Get free catalog. **The Hoover-Poot Co.,** Lock Box 41, Avery, O.

# You Can Afford A Spreader Now

You've been waiting and watching,  
We've been hurrying and building,  
All ready for business—

## The KNOX Simplicity Manure Spreader

**ON TEN DAYS' APPROVAL**



"The price is right. What do I get for my money?" A proper question.

Answer: You have the wagon trucks. Use them. We furnish everything else. Save the difference in price, nearly \$70.00.

Your wagon trucks are perfectly adapted to manure spreading, just as good and just about the same as you get in high priced spreaders.

The Knox Simplicity Spreader fits any wagon truck. It is a wagon box spreader with the operating machinery worked out in the best and most practical form ever put on any spreader.

With it placed on your wagon trucks you will have as reliable and smooth running a spreader

as any of the high priced machines.

It will do the same character of work, do as much work and do it as well as any—and you will have the most durable spreader ever built.

Why should you or anybody else pay more than double the Simplicity's price for a spreader, just to get the extra trucks, useless for any other purpose than manure spreading?

There is absolutely no reason if we make good our claims for the Knox Simplicity Spreader. We invite you, therefore, to make the fullest investigation.

**Western Harness & Supply Co., 613 Commercial St., WATERLOO, IOWA.**

horrified if anyone would say that he himself was largely to blame.

We largely live up to the measure of honor and respect which our friends bestow on us. Hence the importance of the right kind of friends.

The most recent idea in branding stock is to burn the telephone number in the skin. The owners of stray cows may then be easily located.

Did you ever notice how the mosquito annoyance disappeared with the draining of low and stagnant ponds? The scientists must be right about the hatching of this pest.

There is one food article that is pretty generally made true to name and that is strawberry shortcake. The pure food inspectors should find this article always up to the standard in "shortness."

Laws have recently been enforced in a few states whereby automobilists must stop at a wave of the hand. Formerly it was necessary to take a shot across the front of the car to secure attention.

A good disposition, steady from day to day, is a source of strength not often appreciated. It is insurance against the losses of energy and nerve force caused by worry, irritability and the rest in that line.

Every man with an ambition to improve his knowledge of stock should attend every good sale possible, if only to look on. A man must keep his eye full

of good animal type by constant association, to be able to develop a good judgment.

The latest gag that city people work on their visitors as an apology for lack of furniture is to say that most of the household goods are in storage.

This is the time of the year when it takes the tuck out of the boys to work much before breakfast. Don't expect to do a half day's work on an empty stomach. You wouldn't think of treating the horse that way.

If the corn cultivator undergoes as much improvement in the next few years as it has in the past, it will almost be a white shirt job to plow corn. The dustless feature should be next given attention by makers.

According to authority tuberculosis is not always confined to the lungs, as some think. Tubercles, the indication of the presence of tubercular germs, may appear on the inner linings of the alimentary canal, as well as in other parts.

It is little else than foolish to pump water, shell corn and do other things of this sort by hand when a mechanical means is possible. If a man considers his time worth much, it won't take long to save enough time as well as energy to pay for a windmill or have the corn shelled.

If anybody can afford to eat meat the farmer can. Some, however, reason the opposite way. At any rate the people

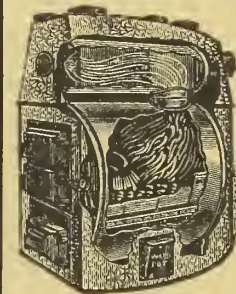
The Knox Simplicity Spreader is of superb strength. Chain driver from both rear wheels, no eccentrics, little gearing, endless apron style, four feeds, light running, easily handled.

**WE WANT YOU TO SEE IT.**

It talks for itself. Let us send you one on trial. When it comes you can operate it ten days free. Try it out at all kinds of work, with all kinds of manure every way you can think of. If you don't find it to be at least the equal of any other spreader you ever saw, or are not pleased with it, ship it right back. We will pay the freight both ways. Write and let us get started to-day. Catalog Free. Address,

## Install Boyee's Hot Air Furnace NOW!

Save 40% on Your Heating Plant and Be Ready for Cold Weather.



They have the Return Circulating Radiator and Hot Blast Ventilating System, and use 1/2 less fuel than other Furnaces. Our Catalog, Plans and Specifications for heating plant sent free.

**BOVEE GRINDER & FURNACE WORKS**  
WATERLOO, IOWA

# MILLET

**FINEST QUALITY**, also buckwheat, field peas, kafir corn and other LATE-SOWING SEEDS.

**THE ADAMS SEED CO.**  
DECORAH, IOWA.

## WANTED

A GOOD industrious farm hand. Steady employment and good wages. No bunnies need apply. Address **U. G. Davidson, : : : Manson, Ia.**

**DO YOU WANT** A Hay Fork Returner, Roney Returner Co., Bx A, Independence, Ia

who must buy meat will almost be in a position to adopt the policy of Jack Spratt and his wife, of nursery lore.

Many a young man has found that to be called "a good feller" is an expensive luxury.

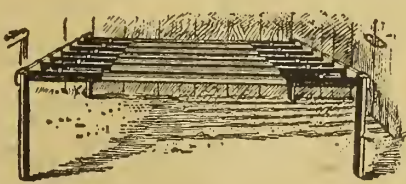
No doubt before many years we will throw out our present telephones and install wireless ones. People will then be literally talking at the atmosphere.

A light weight milk can may be all right for the whole-milk patron who lives near the factory, or one who uses a spring wagon for delivery; but for a long haul in a lumber wagon the eighteen or twenty-pound can is needed to stand the strain.

Procrastination spoils the hopes of many a nice crop of tomatoes, cabbage or celery. First we wait for the seeds, then for them to grow, and then for a good rain prospect. The next thing the plants are left unwatered and the old hen does the rest.

Alfalfa has scored another point. A Missouri woman instituted divorce proceeding against her husband, basing her claim on the fact that three years previous to that time he seeded a twenty-acre field to alfalfa and has been "hay-ing" ever since.

## NEW IDEA POULTRY ROOSTS AND MITE TRAPS.



put out under a positive guarantee to catch all the lice and mites from fowls that roost on them. They are a very simple device, but are the result of the discovered this method by spending many sleepless nights in the hen houses studying the habits and nature of the mite and louse. After the vermin have feasted on the fowls during the night on the roosts just about daylight in the morning he has discovered that they climb down from the roost, crawling down the legs and off on to the roost, hunting for some place of a secreted nature in which to hide during the day, resting up for another night's feast. These traps are arranged with a groove underneath them covered by a slat at either end, making the aperture dark and inviting to the vermin. There is a cork in the top of the roost inserted in a hole bored in the top of the roost which reaches down to this receptacle. All that is necessary to exterminate the mites and lice is to extract this cork, pour in a little boiling water and cook the vermin contained therein, which are in many instances millions. We have seen these roosts black underneath with vermin, the result of one night's catch. After a few trials and cleansing of the roost there are no more mites and lice left, they acting as a trap. There is not a cent of expense except the cost of the loose bars. The roost bars are easily fitted in any hen house. There is an iron clamp at either end that fits over a fence board nailed up on edge. They are sold on thirty days' trial and money refunded if they do not do all that is claimed for them. The firm that manufactures them is called the Cedar Rapids Poultry & Supply Co., 113 A. Ave., Cedar Rapids, Iowa. This paper has made inquiry galore relative to the efficacy of these roosts, as well as to the standing and reliability of the manufacturer, and can assure our readers that they will do just what they agree to. They are sold at a very low price and no poultry raiser would think of being without them after giving them a ten days' trial. Almost invariably where a dozen roosts are ordered it is but a short time until the same party orders from one to two dozen more. The advertisement can be found on page 8.



# THE HOMESTEAD

A Practical Journal for the Farmer,  
Stockman, Fruit Grower, Poultryman,  
Gardener and Housekeeper.

BY JAMES M. PIERCE.

JAMES ATKINSON, Editor in Chief.  
ESTABLISHED IN 1855.  
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more, 30 cents a year; in clubs of one hundred or  
more, 25 cents a year. Single subscription three  
years in advance, \$2; five years in advance \$3; ten  
years in advance \$5. Subscription price in Canada,  
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office or express money order. In renewing subscrip-  
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paper, or explain why you change. In changing  
your postoffice address, send your old address as  
well as the new. Errors in address or failure to re-  
ceive paper within two weeks should be promptly  
reported to the publisher.  
Address all communications and business letters to  
**THE HOMESTEAD COMPANY,**  
Des Moines, Iowa.

### TESTING CATTLE FOR TUBERCU- LOSIS.

The following inquiry has been re-  
ceived from one of our subscribers, Mr.  
A. C. Muns, of Blackhawk county, Iowa:

Since the recent action of the big packers,  
and later by many local packers and butch-  
ers, in refusing to buy cows and heifers only  
on the results of post mortem inspection,  
thus throwing all the losses upon the farm-  
ers, it looks as if the proposition now is  
up to us. I do not object to the movement  
but, on the other hand, I think it is just  
and will be a great stimulus toward stamp-  
ing out tuberculosis and other contagious  
diseases which endanger our families as well  
as our herds. If we get fair and honest  
treatment at the hands of the inspectors it  
will in the end be greatly to our benefit.  
But what many of us farmers need—and I  
judge others by myself—is more light on the  
subject. If a cow has tuberculosis and will  
be rejected by the inspector I ought to know  
it before I waste a lot of valuable feed in  
fitting her for market. So if you will in-  
form us, through the columns of this paper,  
about the tuberculin test I think you will  
confer great benefit upon all. I will ask a  
few questions to enable you to see our needs.

Can a farmer make the test without em-  
ploying a veterinarian? If so, where can  
tuberculin be obtained? What instruments  
are necessary? If the test shows the pres-  
ence of tuberculosis, what steps should be  
taken? Does the state of Iowa repay any  
part of the loss of animals destroyed by the  
state veterinarian in case of tuberculosis?

While the action of the packers is  
arbitrary in the extreme there can be  
no doubt that you are perfectly correct  
in your belief that eventually the en-  
forcement of their refusal to buy cow



## Farm Bargain

320 ACRES in southern Michigan, thirty miles from Ohio line, forty miles from Toledo,  
fifty miles Detroit, one and a half miles to two good towns. Corn and clover soil.  
Extra good buildings, fine water, excellent home features. It is a big bargain. Write for  
particulars and ask for our great bargain list of Michigan clover farms.

**S. V. R. Hayes, 53 Ionia St., Grand Rapids, Mich.**

stock without a post mortem examina-  
tion will benefit the farmer. It certainly  
will prove beneficial if it leads each  
owner of cattle to employ the tuberculin  
test at home for the detection of tuber-  
culosis.

Any man of ordinary intelligence can  
test cattle with tuberculin without em-  
ploying a veterinarian. The test indeed  
is very simply made and as no man is  
sufficiently expert to detect tubercu-  
losis in its starting stages the veteri-  
narian has no advantage over the lay-  
man in that respect. The expert, how-  
ever, has had experience in making a  
test and in making correct deductions  
from the temperature readings; he also  
is best able to say when or when not  
to test cows and how to examine for  
lesions of the disease in apparently af-  
fected animals and in the animal car-  
casses after death. For these reasons  
and the comparative cheapness of the  
test it is well for the nonexperienced  
farmer to employ the qualified veteri-  
narian when possible or if he is sure  
the disease is present in his herd he  
may call upon the state veterinarian  
to apply the test free of charge. Laws  
relative to making the test officially  
and remunerating the owner for cattle  
killed differ in different states and we  
must therefore ask our correspondent to  
submit questions pertaining to the legal  
aspect of this subject to the state veteri-  
narian.

Tuberculin may be bought from the  
manufacturer by ordering through a  
druggist, but as it has been found that  
some commercial tuberculin is not re-  
liable care must be taken to obtain tu-  
berculin that is fully guaranteed and  
known to be reliable in every way. The  
tuberculin made by the Bureau of An-  
imal Industry of the Government De-  
partment of Agriculture is perfectly re-  
liable and is used by state veterinarians  
and agents of state sanitary boards and  
veterinaries of state agricultural ex-  
periment stations and in some states  
this tuberculin is sent out to farmers  
for their personal use in testing their  
herds. The testing work also is being  
done sufficiently well by agricultural  
students who have been trained in the  
work at the state agricultural colleges.  
This is especially the case in Wisconsin  
where at present a general crusade is  
being waged against bovine tuberculosis  
under the auspices of the state agricul-  
tural college.

For the purposes of the test the farmer  
will require a hypodermic syringe  
holding two to four drams; a few  
short, strong, sharp, hollow needles;  
one or more strong, metal cased clini-  
cal thermometers, with which to take  
temperatures before and after injecting  
the tuberculin; a small graduate glass  
into which to pour the tuberculin at  
time of filling the hypodermic syringe;  
the necessary tuberculin and a chart  
upon which to set down the thermome-  
ter readings.

The test is made as follows: The  
cattle are to be placed in stanchions  
and accustomed to being in-doors for a



## WANTED 100,000 FARMERS

to buy a postal card. Address it to me and write on it: "Send me your Manure  
Spreader Proposition." Get the proposition before you buy a spreader of any  
make or kind or at any price. I then leave it  
entirely to you to be the judge if it's not a little  
bit the most interesting ma-  
nure spreader proposition  
you ever heard of. It's away  
out of the ordinary. I not  
only make you a price of  
on the best manure spreader built, which can be put on  
any wagon gear, but I give you a chance to get it for  
nothing, if you accept my proposition. Buy a postal and  
send it to me before you lay this paper down.  
Write me personally. **WILLIAM GALLOWAY, Pres.**  
**THE WILLIAM GALLOWAY COMPANY, 109 Jefferson St., Waterloo, Iowa.**

**\$59.50**



few days prior to making the test. Hot  
weather is to be avoided, cool weather  
being preferable for test making; cows  
that are near calving, just calved, in  
heat, sick or febrile should not be  
tested until in normal condition. By  
inserting the thermometer in the cow's  
rectum and leaving it there for four or  
five minutes the temperature is to be  
taken in the morning, at noon and at  
night of one day and the three read-  
ings are to be set down upon the chart  
provided for the purpose. These three  
readings give the average normal tem-  
perature of the cow prior to injecting  
the tuberculin. It will be found that a  
cow's normal temperature ranges be-  
tween 100 degrees and 103 degrees,  
Fahrenheit. At nine or ten o'clock at  
night of the day the preliminary tem-  
peratures are taken the tuberculin is to  
be used. The average dose is one cubic  
centimeter (fifteen drops) for each 500  
pounds live weight of cow so that one  
commonly uses from two to two and  
one-half cubic centimeters of the tuber-  
culin according to the strength of the  
preparation which is indicated on the  
vial in which it comes from the maker.  
The dose is measured in the graduate  
or from the graduate sucked up into the  
barrel of syringe and measured by the  
marks engraved upon the side of the  
piston rod of syringe. This done one of  
the hollow needles is thrust through a  
fold of the thin skin of the cow's neck  
or just back of her shoulder and when  
it has been seen that the point of the  
needle is worked free from the tissues  
underlying the skin the barrel is fitted  
onto the needle and the contents of the  
syringe slowly injected through the  
needle and so under the skin where it  
is left. The needle then is withdrawn  
and the next cow is then injected in  
the same way and so on until all have  
been injected.

If a cow is affected with tuberculosis  
the injection of tuberculin will cause  
her to have a fever which is best de-  
termined in eight to ten hours follow-  
ing the injection of tuberculin. To this  
end the temperature of each tested cow  
is to be taken every two hours com-  
mencing at five or six o'clock the next  
morning after the tuberculin has been  
injected and continuing until it is  
proved whether or not there is to be a  
rise in temperature sufficient to denote  
the presence of tuberculosis. Each tem-  
perature reading is to be set down upon  
the chart already mentioned and care  
should be taken to shake down the  
mercury in the thermometer after each  
reading. If it is found that the tem-  
perature rises one and one-half degrees  
above the normal temperature of the  
previous day the cow is to be consid-  
ered "suspicious" and should be re-  
tested in three months. If her tempera-  
ture should rise to two degrees or  
more over the normal temperature of  
the previous day and the rise in tem-  
perature should be sustained for some  
hours or gradually increase for several  
hours and then as gradually fall toward  
normal temperature the cow is to be  
considered tuberculous and dealt with  
accordingly. Where the owner makes  
the test himself he may, if he so de-  
sires, retain slightly affected cattle and  
use them for breeding purposes, pro-

vided he does not use the milk of the  
affected animal either for human use or  
feeding calves or pigs. The calf will  
escape the disease if raised on a non-  
affected cow or fed milk known to be  
free from tuberculosis bacilli, but at the  
same time must be kept entirely apart  
from animals affected with the disease.  
Tuberculosis is not hereditary. It is  
contagious and acquired by association  
with affected cattle or from consump-  
tion of milk from a tuberculous cow or  
from food contaminated with the manure  
of an affected animal or from factory  
milk containing tuberculosis bacilli.

Once the disease is stamped out in  
a herd it need not enter again, provided  
care is taken to test each new pur-  
chased animal and to avoid feeding raw  
skim milk from a factory. Tuberculosis  
of swine, becoming common on many  
farms, is acquired by feeding hogs on  
skim milk tainted with the bacilli re-  
ferred to or from allowing hogs to fol-  
low tuberculous cattle whose manure  
contains the bacilli.

### The N. P. Halgren Short-horn Sale.

June 19th was the day on which Mr. N. P.  
Halgren, at Vinton, Iowa, practically dis-  
persed his herd of Short-horn cattle. It was  
an ideal day for a public sale and there was  
a good gathering of breeders from a distance,  
as well as a fine local crowd. Col. Carey M.  
Jones, of Chicago, assisted by J. W. Hite  
and David Wilson, dispersed the cattle. Col-  
onel Jones did all the selling, assisted in the  
ring by the other two gentlemen. It has  
been the pleasure of one of The Homestead  
representatives to hear Colonel Jones at a  
great many sales during the past ten or  
twelve years, but it was left for the Halgren  
occasion to give him an opportunity to outdo  
himself. On this occasion Colonel Jones made  
the opening speech of his life. He is cer-  
tainly improving in this respect more than  
our most sanguine expectations could hope  
for. The cattle were a good, useful lot, but  
no guarantee whatever was made on any of  
the offering as to future usefulness. This  
fact militated more or less against the suc-  
cess of the sale. However, fair prices were  
secured notwithstanding this. A great many  
of the cattle were of plain breeding, tracing  
to Red Rose of Ernesty, and some to the  
Teesswater cow, but were interspersed with  
a very few Rose of Sharons and one or two  
Scotch cows. All things considered, the sale,  
was a success and satisfactory to all par-  
ties. A large per cent of the offering sold  
at prices under \$75. We append a list of  
names of the buyers with postoffice addresses  
on all purchases bringing \$100 and over:

FEMALES.	
Imp. Louise 2d, four years, sire Golden Fancy, John Padden, Fredericksburg, Iowa .....	\$175
Royal Lassie, three years, sire Royal Rosewood, same .....	160
Red Rose, five years, sire Scottish Royal, and b. c. same .....	100
Gentle Annie, five years, sire Prince Royal, and b. c. J. E. Bockman, Garrison, Iowa .....	105
Jennie, six years, sire Scottish Royal, and b. c., H. G. Hansen, Keystone, Iowa .....	105
Scottish Fancy, two years, sire Royal Rosewood, C. E. Georgan, Worthing- ton, Iowa .....	185
MALES.	
Royal Pride, one year, sire Royal Ban- ner, J. N. Kanoff, Lenox, Iowa .....	145
SUMMARY.	
30 females .....	\$2,030; average.... \$67.65
11 bulls .....	850; average.... 77.25
41 head .....	2,880; average.... 70.00
HOMESSEEKER EXCURSION RATES.	
The Minneapolis & St. Louis R. R. will sell, on the first and third Tuesdays of each month, round trip Homeseeker excu- sion tickets to points in Minnesota, North and South Dakota and the Canadian North- west. For full information write W. K. Adams, D. P. A., 512 Walnut St., Des Moines, Iowa	

## Durable Harness

Your harness will always  
look well and wear well,  
and will give double service  
if treated with

# EUREKA Harness Oil

Prevents rotting. Gives a glossy  
black finish. Makes leather  
soft, strong and durable.

**BOSTON COACH AXLE OIL**  
Is the best axle lubricant. Will  
not gum or corrode. Superior  
to castor oil and more economi-  
cal. Sold everywhere—all  
sizes.

Made by **STANDARD OIL CO.**  
Incorporated

A Good Farm Hand Wanted at Once  
A The Pike Timber Stock Farm, either married or  
single, T. A. Davenport, R. F. D. 4, Belmont, Ia.

## A Modern Water Works System

at small cost is possible anywhere by using Fairbanks-Morse  
Gas, Gasoline, Kerosene or Alcohol  
Engines. Sizes 2 H.P. to 200 H.P.  
The same engine can be used for  
electric light and many other purposes.

Send for Illustrated Catalogue No. T 603

# FAIRBANKS, MORSE & CO.

CHICAGO, ILL.



## DAY BY DAY

Agricola

Agricola has dropped the pole lima bean from the garden. It is a splendid bean to eat when it grows well, but it is work to pole it and needs the best of care, and even then you are not at all sure of a good crop. Of all garden vegetables, the pole bean is the hardest to make a success. It absolutely will not do well unless conditions are just to suit. If the weather is unfavorable it will make a poor start and a worse finish regardless of good weather later.

Taste in eatables is hard to explain. Agricola noticed when in the South that they wanted butter and cheese a very deep yellow color, what looked to northern eyes almost red. One section demands white cornmeal and another yellow, and neither will accept the other color. Another peculiarity is that Boston demands heavy hogs and Buffalo light hogs. The Chicago packers are now shipping to country dealers slabs of side meat almost large enough for mattresses.

Pumpkin seeds are cheap, and they can be saved on any farm with almost no trouble. The cost of the seeds is the main expense of a good supply of pumpkins, when planted in the cornfield, and they are very valuable to feed. Why, then, do farmers not plant them? Because the modern cultivator when adjusted for corn is hard on the vines.

It is better to plant fodder corn as late as July 4th than not to plant it at all, and there is a good show for better fodder than when planted six or eight weeks earlier.

To rush corn growth and enable it to mature, use shallow cultivation in a year like this. It has no time to spare stopping to repair root damages through deep cultivation.

Long range prophecies are of two classes—reliable and unreliable. When causes are plain the effect can be forecasted with reasonable accuracy, otherwise it is mere guesswork.

Here is a prophecy for the spring of 1908: Rhubarb, or "pie plant," will average a light crop from the Atlantic coast to the slope of the Rockies. Why?

Because people hanker for acids in the spring and pie-plant is the pioneer plant to furnish it in the garden, and this year strawberries—the second in order—were very late, so the temptation was to keep pulling rhubarb stalks.

The amount which can be taken away without limiting the root growth is limited, and time, as well as cultivation and fertilizing is necessary for the plant to recover. When forced in a hot-house the plants must remain idle the next year. When the stalks are unduly removed one year the next year's supply of stalks will be less.

Cement roofing is yet in the experimental stage with more failures than

successes recorded, but the successes show that, if done right, satisfaction is assured. Half-inch wire is preferred to reinforce and bind it together, and a rich cement—half and half—with the finishing coat a thin cement wash.

The girl gardener of this homestead has planted onions for next spring's use. They are the Welsh variety. They stand at the head of the whole onion class for eating raw, being mild, tender and just what every member of the family likes. The ordinary tough and strong onions are tolerated only because people want something green and can get nothing better. Plant Welsh onions in spring or early summer, keep the weeds out, and let them stay in the ground all winter, then in the spring eat them as Nebuchadnezzar did grass.

I found some thirty or forty young cocklebur plants in my cornfield. This is the worst weed by far that I have found. There may be worse; velvet weed probably is harder to exterminate, but the cocklebur is the limit on this farm. I did not do a thing to these weeds but pull them out root and top, and carry them out of the field.

When cut-worms take half of a field of corn it is generally wise to disk the field and re-plant entirely, but the temptation to save what is there and plant in is so strong that one does not always have the courage of his convictions. I think I made a mistake in this line this spring, but it is too early yet to know certainly.

A breeder of blooded hogs tells me that from five sows he has saved only four pigs this spring. They were farrowed in April. Last year his March pigs suffered so much from cold, wet weather that he learned a lesson, as he thought. But this year March was better than April, and now he banks his faith on June, the hog being a semi-tropical animal. But what about the demand for breeding stock if farrowed as late as June?

My mature sows save about eight pigs to the litter, and what is another good thing, they are all strong, robust fellows, even in shape and size. It is expensive keeping three-year-old sows over for breeders, but it is also expensive to depend upon young sows. Tried and proved is the only safe recommendation.

## The Week in Kansas.

To the Editor of The Homestead:

This has been another of the ideal weeks of weather. Rain, sunshine and warmth have all been given in just the right amounts, consequently nothing is slow in responding. Corn is making a wonderful growth. It is time, too, that it should, for the usual day of reckoning in comparing one corn crop with another, the Fourth of July, is but two weeks away.

Five years ago this week, at least half of all the corn in this locality had received its last cultivation and the remainder was pushing the work along. Now very few are over their fields the second time, with no corn that can possibly be large enough to warrant the last cultivation by as soon as the Fourth. Five years ago we raised the largest crop we had in years; what the outcome of this, the opposite extreme of growth, will be remains to be seen.

Grass in the pastures and meadows has been making steady gains, though the prairie hay crop cannot help but be short. Pastures, however, are now gaining on the stock, and all stock is doing well, as the flies have been almost a minus quantity so far this season.

Many years the wheat and oat harvest is well under way during this week of the month, but it will be some days before the oats will be ready for the

**THRESHERS, That save the Grain.**  
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NEW OR SECOND HAND

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Send for our Supply Catalog.

## HAY FORK RETURNER

OUR RETURNER is a simple but effective device, invented for the purpose of returning the fork and carrier to a position directly above the load, immediately after the fork is tripped, saving both time and labor. Price \$3.00 complete, except rope, weight and wire. Particulars free. Address, The Laybourn Co., 61420 Center St., Sioux City, Ia.

thus far this year 12,360,000, against 11,892,000 corresponding time a year ago and 12,167,000 same period two years ago.

## Rogers' Combination Hereford Sale.

The combination Hereford sale held at South Omaha on June 14th brought out only a fair-sized crowd, which was due to the very busy time among farmers and breeders. Mr. W. N. Rogers, of McCook, Neb., managed the sale and consigned the greater part of the cattle sold. The top price was \$500, paid by Mr. J. G. Von Seggern, of Wisner, Neb., for the grand heifer, Monarch's Maid 1st, a daughter of the great Monarch of Shadeland, and a show animal in every respect. The average on twelve females was \$136 and twelve males averaged \$92. Below is the list of sales of \$80 and over:

Monarch of Shadeland 10th by Monarch of Shadeland 3d, John H. Starns, Yutan, Neb.	\$115
Lady Con 9th by Depositor, A. C. Powell, Exira, Iowa	100
Barto 3d by Lear, W. C. Fleury, South Omaha, Neb.	82
Millie by Duke of York, H. F. Hann, Harlan, Iowa	95
Monarch of Shadeland 16th by Monarch of Shadeland 3d, F. Jahnke, Modale, Iowa	130
Monarch of Shadeland 18th by Monarch of Shadeland 3d, Sam Wadington, Alselmo	125
Monarch Maid 15th by Monarch of Shadeland, Alfred Renney, Dawson	109
Beau of Shadeland 24th by Beau Donald 28th, L. L. Young, Oakland	170
Monarch's Maid 1st by Monarch of Shadeland, J. G. Von Seggern, Wisner	500
Washington's Beau by Beau Donald 28th J. E. Deeds Stromsburg	160
Dolly Rogers 2d by Jury, same	105
Shadeland's Maid 36th by Beau Donald 28th, Albert Alexander, South Dakota	200
Duchess of Lakeview by Halbred, F. Zanher	115
Stuart of Shadeland 14th by William, J. E. Roberts, South Omaha	90
Perfection 4th by Keep Ahead, F. Ronne, Weeping Water	85
Shadeland Hesiod by Hesiod 37th, Alfred Ransey	87
Rambler by Godwin, James Lawson, Yorkshire, Iowa	80

## SAFETY BREEDING CRATE.

In later issues of The Homestead will be found the advertisement of the Safety Breeding Crate Company, of Sioux City, Iowa, manufacturers of the Improved Safety Breeding Crate, a crate that is simple, strong, quick and easy to operate, adjustable to any size sow or boar, made from good material and fills all requirements completely. The fact that this crate is used and endorsed by such men as Messrs. E. B. Parker & Son, Winfred, S. D.; O. S. West, Paulina, Iowa; C. F. Hutchison, Bellair, Kan.; J. C. Hanna, Middleton, Iowa; M. S. Moats & Son, Randolph, Neb.; G. M. Hebbard, Peck, Kan.; A. B. Winger, Kingsley, Iowa, and hundreds of other breeders as well known as the above gentlemen. We would suggest that readers of The Homestead who are in need of a crate write the above concern in regard to their crate, mentioning the Homestead, and addressing them at 61420 Center St.

A 2,040-acre rich prairie land farm, sixty miles south of Kansas City, in Missouri, is for sale as advertised on page 13. The farm is represented as being well fenced and with six tenant sets of buildings. This is a fine blue grass and grain farm and should bear close investigation at once. Prices quoted in the advertisement. Address for further particulars, Dyas Realty Co., 107 N. 9th St., St. Louis, Mo. Mention this paper when you write.

The Kretschmer Manufacturing Company, of Council Bluffs, Iowa, is one of the best bee material supply firms in the West. Anything in the bee line can be bought here. Write them for free catalog and mention The Homestead.

**ROUND TRIP PACIFIC COAST EXCURSION.** Daily to September 15th, the Minneapolis & St. Louis R. R. will sell round trip excursion tickets to Portland, Tacoma, Seattle and Vancouver for \$64.80. On account of the Christian Endeavor Convention at Seattle the rate will be \$54.00 to Puget Sound points. Tickets on sale June 20 to July 12; return limit September 15. Slightly higher rate to return through California. For further information write W. K. Adams, P. O. A. 512 Walnut St., Des Moines, Iowa.

## THE MARKETS.

Chicago, June 22.—Chicago Stock Yards, movement of live stock, today's figures estimated:

Receipts—	Cattle.	Calves.	Hogs.	Sheep.
Sat., June 15..	331	22	7,963	2,875
Mon., June 17..	19,821	1,095	26,028	7,991
Tues., June 18..	3,925	5,592	11,875	8,318
Wed., June 19..	20,786	2,468	23,336	11,830
Thurs., June 20..	6,750	1,855	23,378	7,496
Fri., June 21..	2,025	356	25,273	5,892

Total this week..	54,307	11,391	125,390	43,022
Previous week..	69,028	9,211	157,941	82,623
Cor. week 1906..	67,598	10,694	162,577	83,252
Cor. week 1905..	49,323	8,778	153,405	66,718

Shipments—	Cattle.	Calves.	Hogs.	Sheep.
Sat., June 15..	1,327	...	1,822	386
Mon., June 17..	8,114	8	4,606	950
Tues., June 18..	1,825	44	2,275	1,394
Wed., June 19..	5,906	49	2,908	849
Thurs., June 20..	5,332	30	2,616	820
Fri., June 21..	3,914	136	4,036	414
Sat., June 22..	1,000	...	1,000	100

Total this week..	26,091	267	17,441	4,527
Previous week..	29,235	206	18,279	10,918
Cor. week 1906..	26,866	415	27,069	8,133

## OTHER MARKETS.

Sioux City, Iowa, June 22.—Hogs—Receipts, 5,600; 5c lower; range, \$5.70@5.90; bulk \$5.77½@5.80. Cattle—Receipts, 300; steady.

South Omaha, Neb., June 22.—Cattle—Receipts, 2,000; mostly through; unchanged. Hogs—Receipts, 8,800; shade stronger; top, \$6.05; bulk, \$5.87½@5.92½. Sheep—Receipts, 100; steady.

Kansas City, Mo., June 22.—Cattle—Receipts, 1,500; nominal. Hogs—Receipts, 7,000; weak to 5c lower; top, \$6.07½; bulk, \$5.95@6.00. Sheep—Receipts, 400; nominal.

National Stock Yards, Ill., June 22.—Cattle—Receipts, 1,300, including 1,100 Texas; natives nominally steady; Texas weak. Hogs—Receipts, 5,500; 5c lower; top, \$6.15; bulk, \$6.05@6.10. Sheep—Receipts, 400; steady.

Combined receipts of hogs at eleven markets for the day were 67,600, against 52,600 a week ago, 46,200 a year ago and 51,000 two years ago. Total for the week 512,000, against 593,000 the previous week, 550,000 a year ago and 551,000 two years ago. Total

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64 page book tells of our simple, harmless method which is successful in every case. Write to us.

## No More Sore Necks or Shoulders

This is guaranteed if you use the "Whipple" Humane Horse Collar, made for general farming and heavy draft purposes. Thousands in use. The Nebraska State Agricultural farm is now using eight Humane Collars.

The farmer who is torturing his horse with the old style collar, producing sores and galls, hereafter must do so from choice. Are you to plead guilty to the charge? The "Whipple" Humane Collar will allow the sores to heal while the animal works. Sold subject to fifteen days' trial when used on sore horses. Write for particulars and testimonials.

**HUMANE HORSE COLLAR COMPANY,**  
OMAHA, NEBRASKA





## VETERINARY MATTERS

PROFESSIONAL veterinary advice through this department to regular subscribers only. We do not answer veterinary inquiries for the benefit of "neighbors." Parties desiring information will be required to send their names in full with their address. No question will be answered by mail unless accompanied by a fee of \$1.00. In order that correct information may be given, the symptoms should be accurately described, stating of how long standing, together with color and age of animal, and what treatment, if any, has been resorted to. All veterinary inquiries should be addressed to this office.

## SYMPTOMS AND TREATMENT.

## GREEN TAR.

In a late issue of the paper you gave a recipe for wind puff on hock. Please state what green tar is and how it differs from any other boiled pine tar.

"Green tar" is a term used in Great Britain and as we understand it applies to pine tar that has not undergone any purifying treatment.

## GARGET.

I have a five-year-old cow. Last summer when she was fresh she gave blood out of her right front teat and matter later on as long as I milked her. She is fresh again now and still gives matter out of that teat. The milk out of the other three teats seems to be normal. Is her milk good to use? What would you advise me to do for her? Her udder is very much enlarged above the teat and has also festered during the time that she was dry.

Have her tested with tuberculin, as the trouble (mammitis) may be due to tuberculosis and in that case you would not want to use the milk or feed it to animals. If she proves free from the disease try to dry up the discharge from affected quarter, but it never will regain its lost function and we would not advise again breeding the cow. Inject 5 per cent solution of permanganate of potash into the discharging sores and peroxid of hydrogen into the teat and

rub the affected quarter twice daily with camphorated oil.

## BONE SPAVIN.

Two years ago I bought a horse that had a little bunch on his leg which seems to be a bone spavin. When I would drive him hard he would limp, but at ordinary farm work he would not go lame. The bunch did not seem to grow any until last fall, and since that time it has been growing and he is lame all the time. He is fourteen years old. What can I do to cure this and can I work the horse while treating him?

Have the spavin fired and blistered by a graduate veterinarian; then tie him up short in stall so that he cannot lie down or move back or forth for at least six weeks. He cannot be successfully treated while at work.

## LAMENESS.

I have a black mare nine years old that is a good driver. When the roads are not too dry and hard she seems to be all right and when the roads get dry her feet get dry and crack on the bottom. I would like to know what to put on her feet to soften them up.

Soak feet in cold water twice daily for an hour or so and on removing from tub smear well with any simple greasy hoof dressing. In a month clip hair from coronets (hoof heads) of fore feet and blister one foot at a time with cerate of cantharides. Repeat two or three times at intervals of a month. She should run on wet grass if possible when blister is not acting.

## CHOREA.

I have some pigs about three months old that have something the matter with their backs. They bend or break down right back of their shoulders. They only stay that way a moment and then straighten up and seem all right again. These pigs are not fed heavy on corn. They get bran, shorts, oil meal, milk and grass.

Without an examination we cannot make sure what is the matter, but the symptoms suggest chorea (St. Vitus' dance) which is incurable. Were it not that you are feeding a nitrogenous ration we would suspect rickets. Nuxvomica in small doses is indicated. Commence with a grain or two night and morning and very slightly increase the dose daily, but go back to first dose at the first sign of twitching muscles or other abnormal result. Keep their bowels acting freely.

## AZOTURIA.

Will you please give a reliable treatment for azoturia, or congestion of the kidneys? After a horse has had this ailment do you think he is subject to it afterwards?

No specific cure has been found for azoturia. In some cases a particular treatment seems to work very well and in other cases the medicine proves useless. Prevention is the most important consideration, for no man need have a case of azoturia to treat if he makes it a practice never to allow a horse to remain idle a single day and always to cut down the oat ration when there is no work to be done. At times of idleness horses should be turned out in the yard, paddock or pasture or at least have some walking exercise every day. The disease comes on invariably after a well fed horse has been idle for a day or two in stable and during that time has been fed the usual amount of oats. At the outset of an attack horse should immediately be rested, given a purgative and fed mashes until the physic has operated. Affected muscles of hind quarters should be covered with blankets rung out of hot water or be rubbed with strong liniment twice daily. If



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### BLACKLEG IN CATTLE

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the horse goes down it will be necessary to call in a graduate veterinarian.

The Homestead and The Homemaker, \$1.25 per year.

H. A. Cole's Angus Dispersion Sale.

A medium sized crowd, but one with plenty of money, gathered at the State Fair grounds at Des Moines, Iowa, last week Tuesday in response to sale announcements, and hid off the entire offering of sixty head of males and females brought out by Mr. H. A. Cole of Chicago, Ill. Col. Woods, assisted by Messrs. Graham, Harding and Binie, collected the bids, which came none too fast, but which showed appreciation for merit as it appeared in the sale numbers. A trifle over an average of \$96 was realized on the entire offering, which was generally considered very satisfactory in view of the fact that the offering was a little too extensive for the buyers present, especially the male end of the consignment, which was good nevertheless. Quite a number of very good young bulls sold below what they should have, had there been a better demand displayed for such. C. J. Martin of

Adaza, Iowa, claimed the honor of topping the sale with a Blackbird cow sired by a 2d Lad of Emerson. She is a splendid breeder, as well as an individual of fine feminine character and conformation and brought \$200. F. Story of Odebolt, Iowa, was a liberal buyer and besides securing an imported K. Pride cow for \$260 got several others. Brown & Walker of Clarinda, Iowa, took an Imp. Queen Mother cow, a fine, straight individual, for \$250. Rosenfeld & Siverly of Kelley, Iowa, added a fine yearling bull, No. 33, to their herd for \$200. Among others who were present and secured a part of the offering were John Marshall & Son and M. W. Harding, both of Humboldt, Neb.; from Kansas came Emil Marmet of Sahetha, who bought liberally; Iowa breeders were represented by John Ver Steeg of Pella; J. E. Griffith of Washington; J. M. Graham of Des Moines; B. Groendyk of Lytton; A. C. Binie & Son of Alta; M. Dyer of Pleasantville; A. G. Warner of Bloomfield; W. D. Greene of Jewison; A. G. Messer of Grundy Center; J. C. Carter of Ellison; I. Stewart of Des Moines; W. F. Mountain of Anita; Buckman Bros. of St. Olaf; B. F. Fontz of Nevada; J. K. Myerly of Des Moines; G. M. Bennett of Earlham; Henry Palas of Luana; C. S. Fulton of Lewis; John DeBok of Percy; W. C. Emary of Osceola and John Graham of Des Moines. The herd bull, Imp. Electrician 41376, was secured by M. Dyer of Pleasantville, Iowa, for \$210. Bambo of Glen Lea 73043 was secured by C. S. Fulton of Lewis, Iowa, for the bargain price of \$130.

## LITTLE ONE SUFFERED

For Over a Year—Itching Skin Like Eczema Covered Face and Neck—Mother Lost Faith in Medicines.

## CUTICURA REMEDIES CURED HER

"My baby's face and neck were covered with itching skin similar to eczema, and she suffered terribly for over a year. I took her to a number of doctors, and also to different colleges to no avail. Then Cuticura Remedies were recommended to me by Miss G—, who was telling me how they helped her. I did not use it at first, as I had tried so many other remedies without any favorable result. At last I tried Cuticura Soap, Cuticura Ointment, and Cuticura Resolvent Pills, and to my surprise noticed an improvement. After using three boxes of the Cuticura Ointment, together with the Soap and Pills, I am pleased to say she is altogether a different child and the picture of health. Mrs. A. C. Brestlin, 171 N. Lincoln St., Chicago, Ill., Oct. 20 and 30, 1906."

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Write for circular and prices.  
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## OUR DAIRY DEPARTMENT

ALL communications relating to dairy matters should be addressed to this office. Inquiries of general interest regarding dairy management and production will be promptly answered.

### FIXING THE DAIRY TYPE.

The following communication has been received from a subscriber from Butler county, Iowa:

I am thinking of building up a herd of dairy cows and am somewhat at a loss to know just what breed will answer my requirements best. I would like to have you inform me what strain of Short-horns is the dairy strain, or dual-purpose, and is the type fixed enough to insure a dairy offspring? Is there any marked difference in the value of skim milk from the different breeds for feeding swine? If so, please compare the Short-horn, Guernsey and Holstein. As I understand it, the Holsteins average a test of 3 to 3.5, Short-horns from 3.5 to 4.5, and the Guernseys from 4.5 to 5.5. Am I correct, and do the Holsteins give enough to make the difference?

Taking these inquiries up in the order in which they are given, we will say that the Bates strain of Short-horns are as a rule good milkers, and excellent milkers may be found among the Scotch tribes, though as a general thing the Scotch Short-horns go more to meat and less to milk. It cannot be said that the type is absolutely fixed, because there are poor milkers even among the dairy breeds, and likewise these are found among the Bates Short-horns.

The skim milk of different breeds, as well as from different animals, varies about in the same ratio as the butter-fat content, for the reason that the percentage of casein in the milk bears almost a fixed relation to the percentage of fat, and the feeding value of skim milk which tested 5.5 before skimming would be greater than skim milk which tested only 3.5 before skimming. The actual difference in the feeding value of different kinds of skim milk has, so far as we know, never been tested, nevertheless the principle enunciated above may be relied on as true.

### SUDDEN COOLING OF MILK.

No principle involved in dairying will bear repetition better than that concerning the importance of cooling milk quickly after it is drawn. In the ordinary summer atmosphere, unless special pains are taken to reduce the temperature, ideal conditions are furnished for the development of germ life. It matters not how cleanly one may be at milking time, it is absolutely impossible to do the work without the introduction of a certain class of undesirable germs, and the high temperature makes conditions ideal for the development of these forms of life.

Where there is a plentiful supply of ice the problem is solved, but our opinion is that less than half the farmers of the great central West put in an ice supply. The next best thing, therefore, is to make the right use of water. With the ordinary shot-gun can of about eight-inch diameter one should have no difficulty in quickly lowering the temperature to 55 or 60 degrees. This cannot always be done with one water only, it being generally advisable, if it is at all possible, to change the water after the first hour. It is true that it involves a little labor, but as the principal errors in the making of good butter are made right there, one can well afford to take a little pains to insure this rapid cooling.

Where milk is suddenly cooled the growth of all forms of germ life is checked, so that later on when the development of the lactic germ is desired this development is not interfered with by undesirable germs.

### Dairying As a Science.

To the Editor of The Homestead:

I believe it can be proven that dairying is the most scientific of all the various branches of agriculture. I refer to the subject as operated in connection with the average farm. You may say that crop growing is based on scientific principles, but unfavorable weather may upset one's plans completely. You may prepare ground properly for small grain and do your part thoroughly and yet sultry weather at the proper time may so rust your grain as to make it hardly worth the harvesting.

In corn growing you may plant your seed deep at a time when the soil is dry and the seed afterwards rot on account of a sudden change in climatic conditions, causing heavy rains and lowering of the temperature. No man can foresee this, and consequently corn growing can never become a science. You

must simply use your best judgment and, as it were, guess at it.

Turning to dairying, however, we find a different state of affairs. Any kind of a healthy cow, if bred at intervals, will produce milk and the milk of one healthy cow, practically speaking, if properly handled, will make just as good dairy products as the milk of another cow. One may make more than another, it is true, but the quality of the product is practically the same in each case.

Starting, then, as the milk is drawn from the cow you can employ in every detail of the operation absolutely scientific principles that are under your control. There is nothing to guess at and the outcome of any operation need not be a surprise, but may be calculated in advance unerringly.

If you are clean at milking time and prevent filth or foreign matter of any kind from entering the milk, and if you will thoroughly strain it immediately after milking through two or three ply of cloths, as well as a metal strainer; if the milk is quickly removed from the "barny" atmosphere, and if it be cooled quickly afterwards, there will come from that milk a sweet, pure cream. If, then, the cream is kept at a low temperature, say anywhere from 45 to 55 degrees F., until twenty-four to thirty hours before churning time, and if the atmosphere in which the cream is kept is pure, you will know in advance just how butter from that cream will look, how it will taste and how it will sell on the market. You even know in advance, if you have properly controlled all the conditions, how long it will take to churn, at least within a very few minutes of the time it will take—all of which goes to prove, as I said in the outset, that dairying in its every phase is based on scientific principles.

The reason we have so much bad butter and such poor milk and cream delivered to the populated centers is because at some step in the proceedings men fail to comply with the scientific principles that should be utilized if a good product is to result. They are either filthy at milking time, allow the milk to remain in a polluted atmosphere too long, keep the cream at too high a temperature, allow the cream to get too old, skim too thin a cream, or make some other little mistake that counteracts and annuls the results of every sensible move that is made in the whole process.

I take an interest in disseminating the right kind of information on the subject of dairying for the reason that with the improvement of the product the country over, there will come an enlargement of the market, due to an increased consumption. Dairymen generally should make it a rule to educate consumers into the belief that the scientific principles touched on above are employed at all times in their operations.

Mercer county, Mo. John Jason.

### The Babcock Test.

To the Editor of The Homestead:

It seems strange to me that farmers are so slow to use the Babcock test and scales. It isn't such a hard job as many suppose. Have a pair of scales and note book handy and it is only the work of a minute to weigh and take your sample. Even if you only do it once a month and take about four milkings you can get a very good idea of the value of your cows. I weigh once a week and test once a month.

The cows that I had supposed to be my best had to take a back seat, falling at least \$3.00 per month behind in actual profit over feed consumed. It is a very interesting process and will make the boys interested in milking before you know it, and you will all be watching results of feeding, etc., and learning before you are aware of it how to save dollars.

For instance: One particular cow was giving a net profit of about fifteen cents daily. One night she had a sore feat and kicked, for which I chastised her, but not very severely. She dropped in her butter-fat production immediately and barely paid me for the feed she ate for three or four days. I think it cost me all of seventy-five cents for striking her.

Think it over, subscriber, for I know it will pay. I paid \$4.15 for a four-bottle tester and it paid me well. Full instructions come with the machine.

Butler county, Iowa.

Ernest N. Neal.

The Homestead and The Homemaker,  
\$1.25 per year.

## MILK CANS ROB YOU

Look through a microscope at milk set to cream in pans or cans and you'll see how they rob you. You'll see the casein—the cheese part—forming a spider web all through the milk. You'll see this web growing thicker and thicker until it forms solid curd. How can you expect all the cream to rise through that? It can't. This

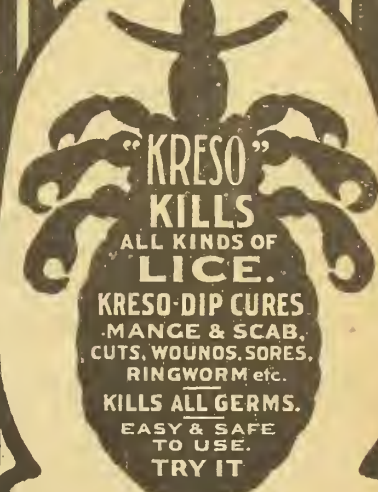


casein web catches a third to half the cream. You stand that loss just as long as you use pans or cans for they haven't enough skimming force to take out all the cream. But, just the minute you commence using Sharples Dairy Tubular Cream Separator, you stop that loss.

Sharples Dairy Tubular Cream Separators have 10,000 times more skimming force than pans or cans, and twice as much as any other separator. They get all the cream—get it quick—get it free from dirt and in the best condition for making Gilt Edge Butter. Casein don't bother the Tubular. The Tubular is positively certain to greatly increase your dairy profits, so write at once for catalog I-121 and our valuable free book, "Business Dairying."

**The Sharples Separator Co.**  
West Chester, Pa.  
Toronto, Can. Chicago, Ill.

## KRESO DIP



## FOR ALL LIVE STOCK

**HARMLESS. EFFECTIVE. INEXPENSIVE.**  
**STANDARDIZED**  
SEND FOR FREE BOOKLET ON  
CATTLE HORSES HOGS  
SHEEP POULTRY DOGS  
For sale at all drug stores.

**PARKE, DAVIS & CO.**  
Home Offices and Laboratories,  
DETROIT, MICHIGAN.

## MONEY WITH BEES

KRECHMER, from his 45 years' practical experience, can tell you how. Write for his Hints to Beginners, and his illustrated catalog. It is FREE for the asking; it describes the BEST, practical, up-to-date goods, required to make MONEY with BEES.

**KRECHMER MFG. COMPANY**  
COUNCIL BLUFFS, IOWA



## POULTRY DEPARTMENT.

THIS department is edited by a competent poultryman, who will be pleased to answer questions concerning diseases, poultry management, etc., when they can be answered through the department. Questions will not, however, as a rule, be answered by mail, and stamps need not, therefore, be enclosed with inquiries. Address all letters relating to poultry topics to this office.

## Look Out for the Family Cat.

To the Editor of The Homestead:

Nearly every family has a favorite cat which is above such a low down vice as killing chicks. She would not touch them, oh, no! With a virtuous look of absolute innocence, she will walk past a flock of toothsome little morsels, and never so much as wink an eye in their direction.

But look out! A cat can be very innocent and very sly. Give her a good chance, and quick as a wink one of the feathered babies is in the clutch of those cruel claws, and in some hidden nook, is gloated over and devoured, only to be followed by another if opportunity favors.

We have been enjoying (?) some harrowing experiences. A really valuable cat, a descendant of a tortoise shell, mighty in the hunting line, began to give us cause for suspicion. We found her eating chicks on two occasions, but it seemed probable that they had died on the range, and she had picked them up. As our neighbors were greatly troubled with rats, while she kept our premises free, we were reluctant to believe that she would really eat live chicks. It was proven one day when, having put some valuable Rhode Island Red chicks in a brooder, and the heat of the sun being too great without air, a screen was arranged and, as we supposed made secure. But on going out a little later, we found Jinnie inside the brooder, deliberately devouring one of the little Red beauties. Ordinarily this would have sealed her fate immediately, but Jinnie had kittens, and it seemed dreadful to let them starve. So we kept close watch, hoping to avert further loss. But the first day I let the little birds out into their wire covered run, she worked at a loosened wire, and we found her calmly finishing her second chick inside the run. A grave under an apple tree soon covered all that remained of Jinnie.

We have other cats, and must have as a safeguard against the rats that infest the neighborhood. They all seem very innocent, but we shall take no chances. The minute one of them shows the least sign of the cloven foot (or paw) she will join Jinnie under the apple tree.

Seriously, very few cats can be trusted. They do their mischief in such a

sly way that it is hard to detect them until the habit is so formed that they become bold in their depredations. Cats are like people in that bad habits grow until it is impossible to conceal their existence. So I utter this word of warning, and repeat my admonition—"Look out for the family cat!"

Subscriber.

Some very humane people are now claiming that poultry killed by being stabbed in the mouth are being cruelly murdered. Such a belief is not born out by facts. In stabbing in the mouth the brain is penetrated, and the bird almost immediately becomes insensible to pain. At least this conclusion is reached by the fact that a fowl will struggle longer by having its head cut off than by being stabbed.

According to history, when the Pilgrim fathers first reached the New England shores, in 1620, the woods of that section were alive with wild turkeys. Although this fowl was exclusively found in North America in its wild state, the earlier naturalists supposed it to come from the East Indies and Africa, and that it originated in Turkey—hence the title.

Thos. F. Rigg says that one reason why the English produce birds of larger bone and frame than we do in this country, is because they feed a ration of oats, wheat and other grains which are rich in blood and bone-producing properties, and that Indian corn enters but slightly into the food supply.

The shipper of eggs or poultry should not only aim to please, but also aim to attract the attention. Pack carefully, market regularly, and take pride in your shipments. Have your goods "gilt edge," for a satisfied customer is almost always sure to return.

Cowpeas are excellent as a poultry food, cheap in price, and complete in the elements that make eggs. One poultryman says that when his hens seem about to quit laying he boils cowpeas until nearly done and feeds them. He says it has a magical effect upon egg production.

Where the runs are proof against dogs, it is best to allow the ducks to remain out-doors during the night. They will not be so nervous as when penned up in the house, especially during warm weather, and besides they will be able to get a drink whenever they want it.

Diarrhea in fowls is caused in many different ways, such as indigestible food, a chill, coarse or half-cooked food, too much bran, lack of grit, exposure to heavy rains, irregular and improper feeding, filthy water and over-fat.

The average laying of a hen is nine dozen eggs a year, during which time she will hatch two broods. A turkey seldom lays over two dozen eggs; a goose, three dozen; a duck, eight dozen; and a Guinea, eight dozen.

It takes about a handful of whole grain to fill the crop of a fowl. Therefore, in feeding grain at night, it is a good rule to allow a handful for each fowl in the pen.

Try Neats' Foot Oil for greasing the legs of sealy-legged fowls. Those who have tried it say a few applications will cure some very bad cases.

As the duck has no crop, it cannot assimilate and thrive upon whole grain. The ration should be in the form of mash.

Careful estimates place the cost of keeping a duck at \$2 per annum, or about twice what it costs to keep a hen.

Feed wheat, oats, bran and middlings for eggs; corn for heat and fat.

## IN THE LIVE STOCK FIELD.

Three Ohio Chief boars are offered for sale by Mr. C. F. Kirk, of Ponca, Neb.

Some good Aberdeen Angus bulls and cows and helpers are offered for sale by Mr. M. B. Walker, of Clarinda, Iowa.

A few fall sows bred for fall farrow are offered for sale by Mr. Austin Renshaw, of Blair, Neb., the well-known Duroc Jersey breeder.

Messrs. B. M. Eastburn & Son, of Hillsboro, Iowa, write us that they have a fine bunch of March and April Chester pigs and some of them are coming to the state fair. Plan to look up these pigs, as they will contain some forty head of the best in the bunch. They are mostly sired by a boar on which an offer of \$100 was refused at eight months of age. The dams are mature and money takers, too. If you want to get ahead

# INVEST TWO CENTS FOR One Thousand Dollars Profit

## Winneshiek Threshing Machinery

That is what we save you on a big rig. THINK OF IT—more than you save in three average years' hard work. We make the largest grain separator in the world and have traction engines to correspond; also the smaller sizes, and special big engines with plow gears; we have on hand rebuilt outfits of the leading makes which are practically good as new and at unheard of prices. COME RIGHT HERE AND LOOK AT THE GOODS. We can convince any man of experience. We pay your railroad fare and hotel bill if you buy. You will get a square deal. Our unequalled facilities for manufacturing and shipping enable us to supply the best line of threshing machinery ever offered at prices that insure a saving for our customers of almost one-third in first cost. WE CAN AND WILL SAVE YOU JUST AS MUCH IN PROPORTION ON YOUR OTHER GOODS. Get our catalog of famous DAVIS frost-proof gasoline engines. Alfalfa King rakes and stackers, Cascaden hay press, Giant Killer sweep feed mill, corn drills, farm boilers, tank heaters, Northwestern steam feed cooker and all styles and sizes of Progressive steel ranges, cook stoves, Oak and Hot Blast heaters. Send for catalog and proposition covering the article you want.

## CASCADEN MANUFACTURING CO.,

WATERLOO, IOWA.

GRAND FORKS, N. D.

## POULTRY.

## Pheasant, Duck, Geese, Brant &amp; Chickens Egg.

VARIETY	NO. PRICE.	VAR.	NO. PRI.
Wild geese	7, \$3.00.	PHEASANTS	
Wild Mallard duck	13, 3.00.	Golden	13, \$5.00.
Bar'd Rock Hen eggs	13, 1.50.	Silver	13, 5.00.
White "	13, 1.50.	Eng. R. Necks	15, 3.00.
Wild White Brants	7, 3.00.	L. Y. Amherst	7, 5.00.

Address, DEER LAKE PARK, SEVERY, KAN.

MAMMOTH BRONZE White Holland turkeys Barred and White P. Rocks, Silver-Laced and White Wyandottes, Rose and Single Comb Brown and White Leghorns, Light Brahmas, Buff Cochins, Houdans, Black Langshans, Black-tailed Japanese and White Cochins Bantams, Toulouse geese. F. W. Mack, Spencer, Iowa.

## BLACK SPANISH EXCLUSIVELY

FOR 11 years. Winners at Kansas and Missouri's best shows; also the World's Fair. 50 hens, 7 cocks for sale at prices that will move. Eggs 1/2 price balance of season, 75c per 15. H. W. Chestnut, Centralia, Kansas.

## Being Crowded for Room

OFFER my last year's stock of Single Comb Black Minorcas consisting of 120 hens and 5 cockerels one year old, at reasonable prices if taken at once. NICK LOEWEN, LAWLER, IOWA. Successor to Fitzsimmons & Loewen.

## S. C. White Leghorn Eggs

I WILL MAKE SPECIAL PRICES ON EGGS for hatching during the month of June. All eggs carefully selected. Write for prices. R. E. BROWN, RICHLAND, IA.

WHITE WYANDOTTE EGGS, \$1.25 per 15, \$2 per 30, \$5 per 100. Hens score 95 to 96½. Address, Mrs. L. M. Estes, R. 2, Audubon, Ia.

of the crowd book an order with this breeder at once. Mention The Homestead.

Some good fall Duroc Jersey boars are offered for sale by Mr. August Voge, of Portsmouth, Iowa.

Mr. C. M. Dewey, of Shannon City, Iowa, offers a few fall Duroc Jersey boars for sale sired by Proud Advance and W. L. A.'s Choice Goods.

Messrs. M. S. Moats & Sons, of Randolph, Neb., have a few fall Duroc Jersey boars for sale and will also sell a good herd boar. Some man will get a good bargain in any of these.

Mr. W. H. Jones, of Quimby, Iowa, offers a splendid young Blackbird and an Erica hull for sale. These are both ready for service, and one is a son of the noted bull, Imp. Edward R.

Three good fall Duroc Jersey boars sired by I Am a Wonder, a son of the sweepstakes boar, Crimson Wonder, and out of the \$1,500 sow, Ruberta, are offered for sale by Mr. F. E. Garrett, of Lohrville, Iowa.

A good farm helper or young man with a liking for stock should write to Mr. T. A. Davenport, of Belmond, Iowa, for work. An all summer's job is offered. See page 4 and mention The Homestead when you write.

Do you want a Shetland pony or a faithful Scotch collie dog? If so, write for a fine illustrated catalog just off the press, describing the fine collection of this kind of stock now for sale by Messrs. Cassidy & Thompson, of Jamaica, Iowa.

Among the Angus bull advertisements will be found a new one in the name of Messrs. R. Wilkinson & Son, Mitchellville, Iowa. This breeder is offering a few choice yearlings and two year olds that are in fine shape for service, and represent the most popular lines of breeding. They are out of dams from the Wallace Estill dispersion, the merit of which needs no description. Write this breeder if you want a good "doddle" bull. Mention The Homestead. See page 16.

## FEEDING STEERS.

Some 300 head of feeders of three beef breeds are offered, as well as a load of steer calves on page 15 by Mr. H. I. Ball, of Fairfield, Iowa. These are good feeders, dehorned and they must be sold quick. Write or go and select. Mention The Homestead. RAISE A GOOD POLAND CHINA BOAR.

Mr. F. W. McIntyre, of Red Oak, Iowa, has a number of fall yearling and mature sows bred for fall litters to P. W. Giant. Write him an order for one or more. Boars are selling well and recent sales have been made to the following breeders: Victor Arnold, Griswold, Iowa; H. C. Gilbert, Tabor, Iowa; G. J. Coon, Warsaw, Mo.; P. P. Clarke, Greenwood, Neb., and M. M. Ryan, Tarkio, Mo. Prices on these were from \$35 to \$40. Do you want one? If so write at once or buy a sow and raise your own boar. Mention The Homestead and see the advertisement on page 17.

## POULTRY.

## Black Langshans

IN order to make room for my young stock I will sell a few pens of good breeders at \$5 per six; five hens and a male. Eggs \$1 per 20 for balance of season. MARGARET C. DALY, ANAMOSA, IA.

## Barred Plymouth Rock Eggs

FROM the leading strains and from extra large birds at \$1.00 per sitting or \$4.00 per 100. Address, J. E. Wehr, Portsmouth, Ia.

## Barred Plymouth Rock Eggs For Sale

BRADLEY BROS., the leading breeders of Barred Plymouth Rocks, from which my stock is from, sell their eggs \$5.00 and \$10.00 a setting. You can buy that strain at much less by writing, Geo. H. Lawshe, Route No. 3, Harlan, Iowa.

## S. C. WHITE LEGHORN EGGS

\$1 Per Sitting, \$2.50 per 50, \$4 per 100 FROM CHOICE STOCK. JOHN C. MILLER, ROUTE 2, HARLAN, IA.

## RHODE ISLAND REDS.

CHICKS from standard S. C. Rhode Island Reds \$3 per doz. Mrs. F. W. McIntyre, Red Oak, Iowa.

SINGLE Comb Brown Leghorns, Knip strain, pure bred, scoring to 93½, by Pedrick, farm range, prize winners. Eggs 60 cents per 15, \$3.00 per 100. Orlando Jacobs, Mediapolis, Iowa.

## SILVER LACED WYANDOTTE

EGGS \$1.00 for 15, Buff turkeys' \$3.00 for 9. Wayneide Farm, Mt. Vernon, Iowa.

S. C. B. LEGHORN EGGS Thirty eggs for \$4 one hundred. Mrs. H. C. Lambert, Anthon, Iowa.

ROSE COMB Brown Leghorn eggs, 15, \$1.00; 30 \$1.50; 50, \$2.00; 100, \$3.00. City express charges. D. W. Nickerson, Marble Rock, Ia.

ROSE COMB White Leghorns, State Fair prize winners, eggs 75c per 15; \$2 per 40; \$4 per 100. Mrs. Grant Davidson, Manson, Iowa.

ROSE COMB Brown Leghorns exclusively. Eggs for hatching. Balance of season \$3.00 per hundred. Write, F. Bowman, Eldon, Iowa.

RoseComb Brown Leghorn eggs, 30 for \$1.00 on incubator lots. Mrs. Laura Smith, Clarksville, Ia.

WHITE WYANDOTTE EGGS REDUCED TO 75c per fifteen, \$3.50 per 100, remainder of season. W. S. Gregory, Roselawn Farm, Keota, Ia.

ROSE COMB White Leghorns and Black Langshans. Eggs, \$4.00 per 100 or 25, \$1.50. Choice stock; 12 years' experience. Joseph Kappes, Jr., Ashton, Iowa.

MAMMOTH BRONZE Turkey eggs, \$2.50 per 10; duck eggs, Turkey, \$2.50 per 9; duck, \$1 per 11. Mrs. A. Kitson, Audubon, Iowa.

GOLDEN S. C. Buff Orpingtons exclusively; have had them eight years and have the best. \$1.00 for 13; \$1.25 for 25. A. LeFevre, Earlville, Iowa.

EGGS FROM PURE BRED Barred Plymouth Rocks for hatching. Prices right. Address, Mrs. R. Van Der Wert, Route No. 2, Lacey, Iowa.

BARRED ROCK EGGS, 15 eggs, \$1.50, \$2, 100, \$2.50. Blue Barred Ringlet strain with scores to 92. Henry Schlatter & Sons, Lawler, Iowa.

BARRED Plymouth Rock eggs of Brailey and Thompson strains, \$1.00 per 15 or \$4.00 per 100. Mrs. J. A. Campbell, Route 5, Manning, Ia.

OTTUMWA Poultry Yards—Light Brahmas eggs for sale. Pen 1, eggs \$3.00 per 15; pen 2, eggs \$2.00 per 15. R. T. Cameron, Ottumwa, Iowa.

BUFF Cochins, no relation, old stock; also month old chicks. Am overstocked. Write and get surprisingly low prices. Mrs. Amos Hanson, Collins, Ia.

UPLAND Poultry Farm eggs from Lt. Brahmas, S. L. Wyandottes, R. C. B. Leghorns, 20 for \$1.50 for \$2.00 for \$3.75. Albert Haus, Waucoma, Iowa.

SILVER LACED WYANDOTTE EGGS FOR 11, 40 for \$2, 100 for \$4. Twenty years a breeder. O. M. Healy, Bedford, Iowa.

COLORED Muscovy duck eggs, \$1.25 for eleven. Mrs. T. W. Glass, Route 4, Sac City, Iowa.

## DOGS.

## DOGS FOR SALE

AND ALL kinds of pet and live stock. Send 10 cents for six-page descriptive illustrated catalog. MOUNT PENN KENNELS, Reading, Pa.

Shetland Ponies and Scotch Collie Dogs SEND for illustrated catalog. Cassidy & Thompson, Des Moines, Iowa, and Jamaica, Iowa.

FOX TERRIERS. Pups from registered parents, excellent workers on all kinds of vermin. Will guarantee pups to make good raters. Males \$10, females \$7.50. C. IL Drake, Hazelton, Iowa.

## STOMACH TROUBLES

Relieved By a Simple Mixture That You Can Get at Any Drug Store For Little Money.

Here is a prescription that any druggist will put up for you at little cost; or you can buy the ingredients separately and mix them at home; this simple prescription is highly recommended for all cases of stomach troubles; the digestive ferments and vegetable tonics tone up the stomach and increase the secretions of the gastric juices, making the stomach perform its work.

Here is the prescription; if you suffer from stomach troubles have it filled and give it a trial:

Compound Tincture of Cinchona, one ounce; Proseine Compound, one ounce, and Sherry Wine, half a pint. Mix and take one teaspoonful in a wine glass full of water before meals and at bed time.

## New Idea Roost Bars and Mite Trap

THEY catch the mites automatically as fast as they come to the chickens. While in the traps they deposit their eggs and in this way we get them all, both present and future. Sold under a positive guarantee and at such a little price that no one raising fowls can afford to be without them. Let us explain them further and send you prices. Write us today. The Cedar Rapids Poultry Supply Co., 113 A Avenue, Cedar Rapids, Iowa.

## WATCH FOR MITES

Spray Lee's Lice Killer into every crack and crevice of your poultry house. Paint it on the roosts. Don't let lice and mites get a foothold this year. Lee's is the original liquid lice killer, strongest and best. No handling, dusting, dipping or greasing. It kills them all. Price \$1.00 per gallon. One gallon express prepaid for \$1.25. GEO. H. LEE CO., OMAHA, NEB.





## ADVERTISING NOTES.

A good 640-acre farm in Keith county, Nebraska, is offered for sale by Messrs. Westenhaver Bros., of Sheldon, Iowa. This must be sold to close up an estate.

Farms in different parts of the corn belt are advertised on page 13 for sale or exchange. One of these is a well-improved farm in southwestern Minnesota, 520 acres in extent. Other smaller farms in eastern Kansas are also listed and may be paid for on the crop payment plan. For full particulars address Mr. L. H. Mulhall, Sioux City, Iowa. Kindly mention The Homestead when asking for particulars.

Why blister your hands and waste a lot of energy in pulling back hay forks when you can buy a good hay fork returner, constructed entirely of steel and iron, that will do the work quickly and effectually while you rest and look on? On page 3 such a device is advertised by the Roney Returner Co., Box A, Independence, Iowa. This can be used with any kind of carrier, on any kind of track. For full particulars and prices address as given, mentioning this paper.

## HEAVY MACHINERY CATALOG.

The attention of users of thrashing machines, shredding outfits, saw mills and hay presses is called to the big supply catalog of the Port Huron Machinery Company, Ltd. They sell machinery on its own merits. Write for their catalog and save money on heavy machinery. Address Port Huron Machinery Company, Ltd., Des Moines, Iowa. Kindly see page 5 and mention The Homestead when asking for catalog. Call on them when in the city.

## "HIGH STANDARD" FARMER'S PAINT.

Proper paint and painting on the farm are not only the mark of self-respect, but the long-headedest kind of economy. But the kind of paint is a mighty important thing to consider. The wear of paint on farm buildings is a most severe test and the fact that Lowe Brothers "High Standard" Paint has given unusually good results under the hardest farm conditions proves that it is a safe and saving paint for the farmer to tie to. Lowe Brothers are an old and respected firm—have been making good paint for over thirty-three years. Their word of honor goes with every can. "High Standard" Paint pleases the farmer because it is always ready to use, greatly saving the time of whoever does the painting, and making sure that the mixing is right. It contains purest paint materials, carefully ground and mixed by perfected machinery to a velvety fineness and just the right thinness for best painting. Lowe Brothers emphasize these claims: That "High Standard" Paint is always full, generous measure; that it has greater covering power, spreading capacity and gives years longer wear than ordinary paint; that it presents a clearer color and higher luster and fades gradually, leaving the surface in best condition for repainting. Lowe Brothers paint are square-deal paints and money-saving paints for the farmer in every way. They include, besides "High Standard" house paint, barn paint, implement paint, etc., and can be had at leading dealers. Lowe Brothers' products are marked with the famous "little blue flag." The Lowe Brothers Com-

pany have published a handsome and interesting book called "Paint and Painting," which tells valuable things that every farmer and home owner should know. They will mail you a copy, free, if you will ask for it. Address Lowe Brothers Company, Dayton, Ohio.

## A DOLLAR A MONTH PER ACRE BUYS A FARM IN SOUTH TEXAS.

On page 13 of this issue you will find the advertisement of Messrs. Eastman & Shaw, the leading real estate dealers of Enid, Okla. They offer to sell you a farm in south Texas for \$1 down and a dollar a month per acre. This is an opportunity for you to obtain a good home in the beautiful Texas coast country. Every reader should write for their folder, which gives a full description of the offer. A postal card will bring it. Write them to-day and please tell them you saw their offer in this paper.

## A GOOD IOWA FARM FOR SALE.

A 240-acre farm six miles from Melvina and six miles from Ocheyedan, and ten miles from Sibley, the county seat of Osceola county, Iowa, is offered for sale. Phone and rural free delivery and three-quarters mile to school; good eight-room house, good barn 40x50 with cattle shed 20x50; good new hog house, granary, corn crib, chicken house, good well with windmill, good big grove and small orchard with plenty of small fruit. Farm is nearly all fenced and has twenty-five acres to pasture. Price \$65 per acre. Small cash payment and balance on time to suit. Write Mr. W. D. Creglow, Remsen, Iowa, about this, and mention The Homestead.

## A LIFE SAVER FOR ANIMALS.

Since the discovery of Zenoleum a great many stockmen, in fact the great majority of them, are using it to spray horse, cattle, pig and sheep quarters, as well as poultry houses. It is a mighty good plan. In every case this work is worth far more than it costs. In many cases, many, many times more than its cost. One of the chief uses of Zenoleum is to disinfect, to destroy smells and to kill disease germs and to keep the live stock well. That is an important use. Zenoleum is perfectly in place anywhere where live stock is kept, and besides this it is an economical disinfectant, too. Read the advertisement in another column, and write for their sixty-four page free "Veterinary Adviser" to the Zenner Disinfectant Company, 131 Lafayette Avenue, Detroit, Mich.

## NEW IDEA IN HORSE COLLARS.

Until recently horse collars have been little improved since the advent of this piece of harness. Recently, the Humane Horse Collar Co., Omaha, Neb., devised a collar which is entitled to the attention of every horseman. It is made entirely on a new principle which makes sores and galls almost impossible; in fact, the manufacturers claim that when properly used this collar will heal up shoulders that are sore from bruises and hard usage. Now is a most opportune time to give these collars a trial, and as they can be bought subject to this condition we would advise every farmer to write to the manufacturer for terms and conditions of this offer. So far there has been a heavy demand for the collar and out of every one hundred put out on trial only two have been returned. We would call attention to the advertisement on page 5. Direct your inquiry to the Humane Horse Collar Co., Omaha, Neb. Kindly mention The Homestead when writing.

## "AMONG THE LAKES OF WISCONSIN AND MINNESOTA"

is the title of a handsome booklet of some eighty-four pages presenting a series of fascinating word pictures of the leading lake resorts of those states. It contains handsome views and full instructions to pleasure seekers regarding the most popular resorts and train service. Minnesota and Wisconsin lakes appeal to the individual seeking rest and recuperation, and the scenery about many of the resorts has a charm and fascination which visitors never grow tired of recounting. In the last few years most extensive improvements have been made around the principal lake resorts, and now it is safe to say that no summer places in the country offer any better facilities for enjoying a vacation than do the popular lake resorts in the two northern states mentioned. By sending six cents in postage to S. H. Vaughn, Division Freight and Passenger Agent, Des Moines, Iowa, beautiful illustrated literature on the above mentioned lakes and resorts will be mailed to any of our readers. Kindly mention the Homestead when writing for this material.

## HIGH CLASS IOWA LAND DEALERS.

The success of a firm selling land cannot be based on the number of sales made, but on the number of satisfactory sales. Hamilton Bros., of Madison county, Iowa, have made for themselves a name for square dealing that is considered one of their most valuable assets. We refer our readers to this firm because we are certain that it will be a pleasure to deal with them. The firm, Messrs. S. M. and J. E. Hamilton, have gained the distinction of being one of central Iowa's most respected real estate firms for several seasons. To start with, they know good productive farm land when they see it. Both gentlemen are practical land men, having had a long acquaintance with every foot of Madison county and having traveled over much of central Iowa. Besides this, they have the best of farm land, for an Iowa farm never goes wanting a buyer long, especially in this famous blue grass region. Think of the value of a prestige gained by selling 7,000 acres of Madison county land during the first six months of doing business! This is what the firm did five years ago and since then they have been steadily selling, and satisfaction has attended every transaction. It is due to this fact, that the firm has earned the title of "Honest Land Men." Their plan of selling eliminates excessive commissions. They buy direct from the owner at lowest cash price. Each piece of land is then examined and an exact description is taken. Thus the information which you receive is accurate and exact. The firm issues a catalog which would be a credit to any land company. In it the location of their different lands are described accurately and in detail. Everyone knows that Iowa is an ideal stock raising region, and for this purpose Madison county and adjacent ones, with their luxuri-

## CLASSIFIED ADVERTISEMENTS

ADVERTISEMENTS are inserted in this department of The Homestead (and, by special arrangement, also published in The Wisconsin Farmer, of Madison, Wis., and The Farmer and Stockman of Kansas City, Mo., without additional charge) for the low price of five cents a word for each insertion, no insertion being accepted for less than \$1.25; and cash must invariably accompany the order, as we keep no books for this class of business. No display type or illustrations are admitted. Each number and initial letter or abbreviation, including the address, counts one word. Form for printing this page closes on Saturday of the week preceding publication, hence copy must be mailed so as to reach The Homestead on or before Saturday morning. Guaranteed combined circulation of the three papers over 190,000, reaching a farm population of at least 950,000 in the states of Iowa, Illinois, Nebraska, North and South Dakota, Minnesota, Wisconsin, Missouri, Kansas and Oklahoma.

## REAL ESTATE.

**HARPER COUNTY, KANSAS.** where they raise winter wheat, corn, alfalfa, fine cattle and hogs every year. 320 acres sub-irrigated second bottom land, gently undulating, dark, sandy, loam soil, one year from the soil. 100 acres winter wheat, 100 acres corn, 100 acres kafir corn now growing, 20 acres fine pasture fenced, good well and pump. 1/2 rent delivered at elevators in good town on two railroads. A great bargain at \$20 per acre; \$4,500 cash, balance three years at six percent interest. Must be sold at once. Write or see Theo. B. Marsh, Anthony, Kan.

**HEALTH, WEALTH AND COMFORT**—Fruit, stock and dairy farm for sale in southwest Missouri. 320 acres, 5,000 bearing peach, 700 apple trees, 150 acres pasture, delightful home, abundant improvements, Christian people, no negroes, best climate, near county seat—modern city on railroad. One fruit crop will about pay for the farm. \$7,000 half cash, balance five years, 5 per cent. interest. A. J. Sellers, San Angelo, Texas.

**ARE YOU** looking for a home? If so, don't buy before seeing copy of the Real Estate Journal. It has nearly 4,000 farms, city property and stocks of goods advertised in it, and reaches 45,000 readers each issue. Advertising rates 2 cents per word. Send 10c. in silver for two months' trial subscription. Farm and Real Estate Journal, Traer, Iowa.

**FINE FARM NEAR CITY**—73 acre farm 2 miles from city of Marinette, 18,000 inhabitants. Joins farms, 50 acres cleared, fine frame house and fine barns, nice creek crosses farm, good soil. R. F. D. Excellent roads. The best of markets. Price, \$2,100.00. Elmer Grimmer, Marinette, Wisconsin.

**EASTERN COLORADO LANDS.** Great wheat country. Annual rainfall over 17 inches. Best of railroad facilities, 90 miles from Denver market. Prices from \$6 to \$12 for smooth, well watered lands. For further particulars call on or address, Trimmer & Campbell Land Co., Limon, Colo.

**FOR SALE**—200 acre farm, 35 miles east of Kansas City. Forty acres timber pasture, watered by spring and well, fair improvements, some fruit, all fenced hog tight. \$45 per acre for quick sale. W. F. Miller, Route 2, Oak Grove, Mo.

**45 ACRES** bearing grapes, 115 acres grain land with good buildings, \$12,800, 1/2 cash, balance at 5%. Only 15 miles from Sacramento, Calif., and 3 miles from here. Ask about others. Elk Grove Realty Co., Elk Grove, Calif.

**SPECIAL BARGAIN** in large tracts of Michigan land suitable for sheep or cattle ranches. Also small tracts for farms and fruit. Write for map and particulars. J. E. Merritt, Manistee, Michigan.

**FARMS IN SOUTHWESTERN MINNESOTA.** A choice 166 acres fronting on a beautiful lake, good buildings, four miles from town. Write for further particulars. D. U. Weld, Windom, Minnesota.

**SPECIAL BARGAIN** in 800 acres of Yazoo Delta land at \$20. 400 acres in cultivation. Rent \$6 the acre. Write for description of improvements, terms. Address, T. H. Scott, Secretary, Durant, Miss.

**NORTHEAST OKLAHOMA FARMS**—160 acres, all bottom land, fine alfalfa, corn, wheat and fruit country, only \$32.50 per acre; 3 1/2 miles from town. J. L. Hines, Hennessy, Okla.

**FOR SALE**—Good improved 200 acre farm, park region, Minnesota, 3/4 mile from town, price \$6,000. Further particulars address, C. A. Roberts, Perham, Minnesota.

**BARGAINS IN KAY COUNTY LANDS.** Come to the best farming section in the southwest. For full particulars write Chas. E. Vogele, Newkirk, Oklahoma.

**FOR SALE**—240 acre improved farm, 1 1/2 mile from good railroad town, northeast Kansas. For particulars address H. F. Moseman, Soldier, Kan.

**MISSOURI FARM LANDS.** No better grain and stock land anywhere. Write for list and prices. Filton Real Estate Agency, Filton, Missouri.

**TEXAS.** If you want a home cheap, in the center of the Staked Plains, write for full information. Hartford Land Co., Lubbock, Texas.

**\$500 PER ACRE** cleared annually, raising fruit in sunny Colorado. Handsome booklet free. Chamber of Commerce, Cedaredge, Colo.

**SOUTH DAKOTA** land for sale. 50,000 acres of choice land in central South Dakota. Address, G. T. Felland, Sioux Falls, S. D.

**A GOOD** improved 240 acres, 1 1/2 miles from Woodstock, Minnesota. Price \$41.50 per acre. Aug. W. Beyer, Keystone, Iowa.

**SPECIAL**—Write for circular my Turtle Lake, Michigan, tract. Mrs. Nellie W. Merritt, Manistee, Michigan.

**WANTED**—A Dakota land bargain. Box 400, Buffalo Center, Iowa.

ant blue grass slopes, well watered, and rich black corn and grain land is especially suited. The country is a growing one, too, and it is safe to say that before many years the transportation facilities will be augmented with several interurban lines. This means a rapid rise in values. So we see the situation. No one can go amiss by buying a good Madison county farm. Why not get the advice of these respected and honest land men by sending for their catalog? Address, mentioning the Homestead, Hamilton Bros., Winterset, Iowa. See page 13 for advertisement.

## A SAFE HAIL INSURANCE ASSOCIATION.

As early in the season as this, hail storms have damaged crops in several Iowa counties, and from now on every farm crop in the state will be more or less in danger of destruction by hail. The only safeguard against losses of this kind is hail insurance. It is one of the most beneficent kinds of protection, for it may save the work of a whole season. No county in the state or in the corn belt is immune from losses by hail. On the whole, hail insurance probably pays a greater return to its holders

## REAL ESTATE.

**SUGAR**, vegetable and fruit lands on Rio Grande, south Texas, 700 to 6,000 acre tracts, cheap; also black prairie, old Mexico, near border, new railway. Grows everything, 4,000 to 50,000 acres, \$2 acre. American Colonization Co., Waverly, Iowa.

**STOCK RANCH**, eastern Nebraska, 2,800 acres, well improved, two-thirds valley land, adapted to all kinds of tame grasses. On line stream. Price \$55,000. For particulars address, W. Webster, Monroe, Neb.

**10,000 HOMESTEADS** in Tripp County, S. D., to be given settlers by the government. For full information write Gregory County Abstract Co., Bonesteel, S. D., including postage. Mention this paper.

**FOR SALE**—150 acre, improved farm, Texas county, Missouri, 700 bearing apple trees. Price, \$7.50 per acre; will sell subject to \$400.00 school fund mortgage. Lamar & Lamar, Houston, Mo.

**FARMS FOR SALE**—\$15 to \$25 per acre; good buildings. Wild land \$7 to \$15. Free homesteads located at small cost. Pioneer Land Co., N. Y. Life Building, St. Paul, Minn.

**BUY FARM** of owner, save agent's commission. 240 acres, good house and barn; fine farm in Arkansas valley, Shannon county, Kan. J. M. Parrell, Oxford, Kan.

**NORTHEASTERN** Colorado wheat lands, \$5 to \$8 per acre. Homesteads located. Write J. B. Reinhardt, Leroy, Logan Co., Colorado.

## DOGS.

**RATS**—My Scottish Terriers will kill them. Very fine puppies, pedigree with sale. If interested send 5c coin or stamps for circular and price, stating just what you want. S. Harr, Riverside, Iowa.

**PEDIGREE** Scotch Collie male, 13 months old, trained, splendid worker. Will ship him on trial, beautiful dog. First draft \$35. S. Harr, Riverside, Ia.

## AGENTS WANTED.

**AGENT WANTED** in your community to represent The American Farm Library. Pleasant and profitable. Postal for particulars. Address, Searle, Edgar, Neb.

**GENERAL AGENTS TO SELL** SUPERFINE stereoscopic views, commissions \$75 to \$300 monthly. Standard Scenic Co., Kansas City, Mo.

## PATENT ATTORNEYS.

**ORWIG & LANK**, Crocker Block, Des Moines, Iowa. Send sketch or model of invention for free opinion as to patentability. Reference, Homestead.

**PATENTS** promptly obtained or no fee, and advertised at our expense. Widely-known inventors should write for booklet on "Patents That Pay." D. Swift & Co., Washington, D. C.

**PATENTS**—Terms reasonable, service prompt; information freely given. W. N. Roach, Jr., Pacific Bldg., Washington, D. C.

## TOBACCO CURE.

**TOBACCO CURE**—Harmless home treatment. Cures every time. Information for 2 cent stamp. The Ni-Ko, Wichita, Kansas.

## POULTRY.

**SILVER LACED WYANDOTTES**, exclusively. Guaranteed eggs. Circular free. John A. Johnson, Route 1, Dayton, Iowa.

**RHODE ISLAND REDS**, thirty eggs for \$1.50. G. Weiser, Humboldt, Iowa.

## MISCELLANEOUS.

**ABOUT YOURSELF; LUCKY DAYS.** This Life Science book gives each of your lucky and unlucky days and general predictions for 1907. It also gives rules for "reading the Teacups," your business and matrimonial adaptations. Your key note, mystic number, ruling planets, talents, tendencies, characteristics, etc. Price 25c. Hilding D. Emberg, P. O. Box 128, Niagara Falls, N. Y.

**MEDICATED** Charcoal, a positive and guaranteed cure for cholera and all forms of bowel complaint in poultry. For particulars address, Tishenbauer Co., Gilmore City, Iowa.

**SEND FOR "Concrete Builder,"** Oakland, Kansas. Learn to make fence posts, sidewalks, bridges, roofs, floors, etc.

**CURE FOR BOILS**—Simple home remedy. Recipe 25 cents. 749 Park Avenue, Beloit, Wis.

**DUROCS**—spring pigs, breeding and prices right. Wm. Hartman, Marshfield, Mo.

than does fire insurance. Few people would consider it prudent to be without fire insurance. Why should hail insurance not be just as necessary? In choosing a company in which to take out hail insurance we would recommend the Mutual Hail Storm Insurance Association of Iowa, of which Mr. O. L. F. Browne, of Des Moines, Iowa, is secretary. For straightforward, square dealing and fair treatment we know of no better company. The officers of the association are well known to The Homestead and we can recommend them as honorable men in every sense of the word. You can depend upon them to fulfill every obligation which they undertake. The company is organized along economical lines. It is the constant aim of the company to conduct their business in such a way as to furnish the most economical yet safest insurance to their patrons. Why not drop them a card today for what they can offer you in hail insurance protection? It is no more than good business policy for you to do so. Address Mr. O. L. F. Browne, secretary, Des Moines, Iowa. See page 12 and kindly mention The Homestead in your inquiry.

250,000,000  
Sheep Every Year  
Dipped in



**COOPER DIP**

Has no equal. One dipping kills ticks, lice and mites. Increases quantity and quality of wool. Improves appearance and condition of flock. If dealer can't supply you, send \$1.75 for \$2.00 (100 gallons) packet to Des Moines Drug Co., Des Moines, Ia. Hornich, Hess & More, Sioux City, Ia. Wm. Cooper & Nephews, Chicago.

## SHEEP.

**WOOL**

WE have made arrangements to act as agents for one of the largest wool concerns in the East. We can pay you more money than you have been getting. We furnish wool sacks and twine to our shippers. We keep your shipment separate until you are satisfied. Get our prices. Reference—Iowa Homestead, Citizens Bank, Decatur, Iowa, and farmers in all parts of the state. Write today.

**THE ADAMS SEED CO.,**  
DECORAH, IOWA.

**GEORGE McKERROW & SONS, PEWAUKEE, WISCONSIN**

IMPORT, breed and sell the best of Shropshire, Oxford and South-down sheep. Show sheep and flock headers.

## More Money For Wool.

SELL your wool where prices are highest. Ship direct and save middle profits. Small lots same price as large lots. Prices and full information free. MYERS-BOYD COMMISSION CO., ST. LOUIS, MO.

**Allen's Shropshire Rams and Short-horn Bulls**

I HAVE a bunch of very fine rams for sale, suitable to head the choicest herds; also 15 young Scotch bulls from 10 to 15 months old.

**GEORGE ALLEN,** Lexington, Neb.



## OUR HOME DEPARTMENT.

LETTERS intended for publication should be accompanied by the name and address of the writer, not necessarily for publication, but as a matter of good faith. All communications intended for this department should be addressed to Postoffice Box 727, Kansas City, Mo.

## WITH THE EDITOR.

## With the Children.

A little bird whispered to Mrs. Walker that the boys and girls enjoyed their party last summer so much that they have been waiting and watching each week hoping for another. When Mrs. Walker got this message she decided that the grown-ups must make way for the children on June 27th, and so here we are again.

You are hoping I remember that I promised to tell you about the working dogs in Holland.

Of course I remember. But first of all, although some of you no doubt know it, I should tell you, that Holland is a tiny little country largely composed of land captured from the sea and kept prisoner by great stone dikes. Once upon a time it was almost all swamps and islands. That is why there are so many windmills in Holland—the windmills pump the water into great ditches called canals. These canals are the roads of the country. When the peasants go to market, instead of going in a buggy or a wagon, as farmers in America do, they usually go in boats. Land is so precious it cannot be spared for roads. It is so precious and so costly that most of the farms are very small. The peasants who work these tiny farms are too poor to have horses or machinery—they do all the work themselves. Sometimes they keep cows and make butter and cheese; sometimes they raise garden stuff.

If you look at the map you'll see that Holland is dotted with towns and cities. The people who live in these towns and cities need quantities of vegetables, so the peasants are kept busy raising potatoes and cabbage and carrots and such things. They rise very early, gather the garden stuff that is ready for market, pack it into carts, and then—but you'll never guess what they do next, so I'll tell you—they harness a dog to the cart. Sometimes the dog is harnessed in front, as our horses are, sometimes right beneath the cart.

I shall never forget the dogs I saw in Holland; especially do I remember those I saw first, on a market day at Zaandam.

It was at Zaandam that Peter the Great worked as a ship carpenter, you remember. I went there to see the house he lived in. It was afterwards, as I was strolling about the quaint old town, that I came upon a place where there were a number of peasants making ready to go home. Market was over, and under or beside the empty carts lay the dogs, such dejected, miserable, wicked-tempered, starved-looking creatures as I hope never again to see. The sight of them nearly broke my heart.

You see a dog is not built to draw That is what the Society for the Preven-

loads, and when he is made to do it soon kills him, and, as he is in misery all the time, his temper becomes soured. Then, too, as the peasants are poor and do not have very much to eat themselves they cannot feed their dogs well, so the poor thing is usually hungry. If we were half-starved and made to do work which would wear our bodies out in a very few years our tempers wouldn't be very good, would they? I guess not. It's no wonder those dogs at Zaandam looked so savage I feared to go near them. I wanted very much to comfort them, but as there was no butcher shop anywhere about and I could not speak Dutch to them all I could do was to pity them at a distance. While I was watching the dogs two peasants made ready for home. They put some goods in their carts, got in themselves, and then called to the dogs who wearily turned their faces homeward.

The Dutch are very good, indeed, to their cows. I daresay they do not mean to be unkind to their dogs. They probably do not know that it is cruel to compel dogs to draw heavy loads. Societies for the prevention of cruelty to animals do, however, and they are trying to have laws passed forbidding the use of dogs as beasts of burden. They have succeeded in Belgium, where the same custom used to prevail, so we may hope that better days are coming for the poor dogs in Holland.

What I have been telling you is rather sad; I must tell you something to make you happy. I read the other day about a wonderful new school that has been opened in Paris. It is a school to teach cabmen and drivers all about the care of horses. I'll tell you a little story which will show you what a delightful piece of news this is to those who love horses.

As we were returning from church one very cold morning last winter, when I was away in Germany, you know, we came upon a crowd gathered about a horse that had slipped and fallen on the icy pavement. The driver and some other men were trying to make the horse get up. First they urged him by beating and kicking him, next they tried to lift him bodily. They did get him up part way a few times, but always he fell back on the stone pavement with a sickening thud. My sister, who speaks some German, tried to tell them that they must loosen the harness and free the struggling creature, but they could not understand. When we were almost frantic with rage and pity (they were actually trying to lift the horse by his tail!) a young lad pushed his way through the crowd, said a few words, and in a masterful way undid buckles and straps. As soon as the horse was free they got him upon his feet without the least trouble. Now you see if that driver had been taught, as Paris drivers will be in future, much suffering would have been saved the poor horse.

Much cruelty to animals results from ignorance and want of thought. The great thing is to get the men who drive horses to thinking about the horses.



**SIMPSON  
EDDYSTONE  
PRINTS**

**Simpson-Eddystone  
Shepherd Plaids**

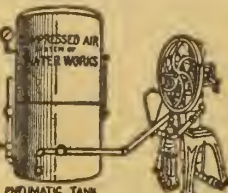
Beautiful and economical for Spring and Summer dresses. Some designs have a new silk finish. They wash without fading and they wear long because their quality is standard—never equaled in over 60 years.

Ask your dealer for Simpson-Eddystone Shepherd Plaids.

Three generations of Simpsons have made Simpson Prints.

**The Eddystone Mfg. Co. (Sole Makers) Philadelphia.**





**PRIVATE WATER WORKS**

**ECONOMY HOT AIR PUMP** constant, permanent water supply at even temperature and any desired pressure the year around. **RUN BY HEAT. NO EXPLOSION. NO EXHAUST. NO TROUBLE. NO NOISE.** A child can run it. We equip your **WATER SUPPLY COMPLETE** with either Hot Air or Electric Pump, pneumatic or open tank. **TEN DAYS TRIAL.**

**THOMAS & SMITH** 288 Hudson Street, New York.  
17-19 S. Carpenter St., Chicago.

tion of Cruelty to Animals is trying to do in Italy, and it is quite wonderful how things are changing there. I was told that the horses in the south of Italy used to be such unhappy-looking objects it was painful to ride behind them, but in Naples I remarked on how well-kept the horses were, and more than once I drove with a cabman who asked me to notice how well his horse looked. It was the same in Sorrento, Capri, and other places I visited.

Italian cab drivers always expect something over and above the regular fare. If you do not give them this "tip" they will ask for it. Sometimes it is "macaroni money" they ask for, sometimes for something to buy a drink. I never waited for them to ask; always as I paid them I gave them a few copper coins, saying they were for the horse. Perhaps the drivers spent the money on themselves, but at any rate if people of tender did that or gave the horse a lump of sugar, as I sometimes did, it would have a good influence on the drivers. When we drove from La Cave to Amalfi we had a fine team of horses with gay feathers at their heads. The road was long and in some places quite steep. Every now and then I got out of the carriage when the driver did and walked up a steep bit; sometimes I stroked and patted the horses, too, and you should have seen the driver's eyes shine. I'm quite sure he did not spend on himself the money which I gave him to buy the horses an extra good supper.

But I have talked enough. Now run away and play.

## HOME AND HOMEMAKING.

## LITTLE HELPS BY THE WAY.

For the heart grows rich in giving;  
All its wealth is living grain;  
Seeds which mildew in the garner,  
Scattered, all with gold the plain.  
Is thy burden hard and heavy?  
Do thy steps drag wearily?  
Help to bear thy brother's burden;  
God will bear both it and thee.

Is thy cruise of comfort wasting  
Rise and share it with another,  
And through all the years of famine,  
It shall serve thee and thy brother.  
Love divine will fill thy store house,  
Or thy handful still renew;  
Scanty fare for one will often  
Make a royal feast for two.

## TO LIVE COMFORTABLY IN HOT WEATHER.

To enjoy good health in summer weather is the power of every one if they only observe a few rules. Let me suggest a few.

Do not fret about the heat, for that cannot be changed and you have it to stand. So take it calmly and you will feel it much less, as fretting only causes one to be warmer.

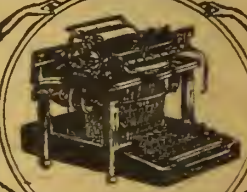
Dress suitably. Wear something which is thin and cool. Not many starved things if possible, as they exclude the air. Leave the starched high collars and cuffs for a cooler season.

Don't eat too much. Especially must you eat very little meat, as it causes you to be warm. Winter is the time for it. Eat fruits and of course vegetables. Get up early so as to prepare and cook most of your vegetables in the cool of the day. Serve cold meals and save yourself as much as possible. Rest during the hottest part of the day and then you will feel better prepared for the rest of the day; a little nap will refresh you wonderfully.

Bathe, either sponge or tub bath, frequently. This is absolutely necessary in summer and health depends upon it as well as cleanliness.

Do not drink too much water. Particularly ice water should not be drunk to any extent; some physicians say not at all. It is very easy to drink too much and still not have thirst quenched. Drink slowly, moistening the mouth, lips and throat well.

Arrange to sleep well. Cool the room off as much as possible, placing the bed in as cool a place as can be found. Sleep on a




**The Remington  
Typewriter**

represents the result of more study, more effort, more labor and more practical experience in typewriter manufacture than all other makes of writing machines combined.

**It ought to be the best and  
IT IS.**

**REMINGTON TYPEWRITER CO.**  
327 Broadway, New York.



**Don't Pay Two Prices  
for Stoves and Ranges**

Order direct from our Stove Factory and save all dealers' profits. HOOSIER Stoves and Ranges are the "Best in the World." Fuel savers and easy bakers. Sold on 30 days' free trial. We pay the freight. Guaranteed two years. Our large illustrated catalog gives descriptions, prices, etc. Write for our catalog.

**HOOSIER STOVE CO., Factory, 140 State Street, Marion, Ind.**



**DON'T RUST FENCE**

Galvanized so heavily can't rust. 40 Carbon Spring Steel. No agents. 30 days' free trial. Farm and Poultry Fence Catalogue No. 57. 40 Styles Lawn Fence, Catalogue C. One or both free.

**THE WARD FENCE CO.**  
Box 20. Marion, Ind.

mattress that is well aired daily. Be sure to have a light supper and one easily digested. I have heard that cloths wrung out in cold water and hung up will cool the room considerably.

Above all take things easy. Worry over anything only exhausts and heats one, doing no good at all. The best way to avoid worrying is to provide literature or work of some kind which will occupy the mind to the exclusion of the subject of worry.

## HELPS IN MAKING GIRLS' CLOTHES.

The careful and economical mother, when making wash dresses, makes allowances for growth and shrinkage and the allowances should always be made, as an outgrown garment is not only unsightly, but very uncomfortable. The best way is to make the waist, skirt and sleeves several inches longer than necessary, then the belt can be set up on the waist, a wide tuck can be taken underneath the trimming on the sleeves and in the hem of the skirt, or if the skirt is gored and trimmed with a ruffle, the tuck can be taken under the heading of the ruffle. If a full skirt is too short it can be cut apart and a two or three-inch piece of some material to suit the goods inserted and the waist and sleeves can be trimmed with the same goods and the seams covered with finishing braid.

## SOME WAYS TO COOK RHUBARB.

Baked Rhubarb.—This requires less sugar than stewing. Peel the stalks, selecting red rhubarb. Cut into inch lengths and place in a stone crock. Add one part sugar to two parts of the fruit, unless you like it very sweet, then add nearly half and half; arrange the fruit and sugar in layers; use no water. Stand the crock in a pan of hot water, cover and set in the oven and bake until the pieces are clear. This may be used for a meringue by filling a shell of good, light pastry, covering the top of the fruit



## I Stand Back of Huttig's Rubber Roofing

WITH A WRITTEN, PERSONALLY SIGNED, LEGALLY BINDING GUARANTEE.

Yes, sir,—I can afford to stand back of my roofing because it stands back of me, and makes my word good as gold.

**I GIVE** you a written guarantee that this roofing will do what I claim—not a mere VERBAL PROMISE, through your dealer, but an ironclad, legally binding guarantee, signed by the HUTTIG MFG. CO., capitalized at \$1,000,000, and responsible for every promise it makes.

No other roofing gives you a personally signed guarantee as strong as this. No other roofing can AFFORD to do so. Why can I do it?

Simply because my roofing is the only roofing on the market, made from pure, natural, imported Asphalt.

Asphalt comes from the Island of Trinidad. A large part of it is used in the exclusive manufacture of HUTTIG'S RUBBER ROOFING.

My roofing is made of long-fibered wool felt, densely compressed and heavily saturated with this specially prepared Natural Trinidad

Asphalt, which protects every particle of fiber. Now, mark this carefully: The saturation of Felt with Asphalt in HUTTIG'S RUBBER ROOFING is 150 per cent as against 104 per cent, the highest saturation of ANY of the roofings with the crazy names.

That's the principal reason why my roofing will not "stick" in the hottest, nor crack in the coldest weather.

HUTTIG'S RUBBER ROOFING requires no skilled labor to lay it. Every roll contains enough liquid cement, nails, caps, etc.

It will not run, rust, rot, crack, leak, blow off, require frequent repairs, and is not a fire trap. Now, here's how I feel about it. If you have use for roofing—

You don't want to fool with a doubtful article, when you can get HUTTIG'S with a guarantee that means absolute protection, both to your roof and to your pocketbook.

Just put the burden on HUTTIG. My shoulders are broad. I will take care of all your roofing troubles, if you will trust me.

Ask your dealer for HUTTIG'S RUBBER ROOFING. If you can't get it of him, ask ME, and I'll see that you do get it.

Any way, write for a big, free sample of my roofing and let me send you my booklet B and special Ironclad Roofing Guarantees. Write me personally, and do it to-day.

**HUTTIG MANUFACTURING CO.,**

707 East Second Street, Muscatine, Iowa.

**H.W. Huttig**

PRESIDENT



with a meringue and coloring a delicate brown in the oven.

**Rhubarb Fritters.**—Select the smaller stalks of tender, fresh rhubarb. Cut into pieces two inches long; cover with cold water and steam until tender; drain and spread on a platter. Make a sirup of sugar and water. Pour this over the rhubarb and let stand until perfectly cold. Drain off sirup, dust the rhubarb thickly with granulated sugar. Make a fritter batter in the usual way, dip the pieces of rhubarb in the batter and fry in deep hot fat.

**Rhubarb Dumplings.**—While rhubarb is still so good and cheap try this suggestion for a quick dessert that does not take over twenty minutes to prepare, then cut it out and paste in your scrapbook for ready reference. It is the invention of an old and resourceful Arizona housekeeper, a natural cook, and one always ready to rise to the occasion for unexpected guests, even on an isolated ranch miles from any base of supplies. When rhubarb is in season she washes and cuts it in inch pieces, and stews with little more than half its weight in sugar and just a little water. It does not need much, for as soon as it begins to cook the juice forms plentifully. While it is cooking she mixes up a flour batter the same as for meat dumplings, using in the proportion of a pint of flour, a half teaspoonful of salt, two teaspoonfuls of baking powder and a scant cup of sweet milk, then drop it by the spoonful into the boiling rhubarb. The result is delicious, eaten hot with or without cream. As the same thing can be done with any kind of stewed fruit, this stock emergency dessert may find appreciation in other places than on the desert.

#### AMONG OURSELVES.

When it is announced that Mrs. Vanderhoeft is with us to speak a few words, I feel sure every ear will be attentive and every heart send out a wave of loving sympathy. Mrs. Vanderhoeft, friends:

Not long ago I heard a lady remark: "I have every one of Mary J. Holmes' works and also E. P. Roe's. They are my favorite authors and I don't care much for any other books." Then she asked me what were my favorite books. And I swung open the doors of my bookcase and asked her if she could guess by the books there. She could not, and I can hardly tell myself. Anything good, clean, pure, full of rich and rare thoughts, where one finds something new or interesting or even fancy on every page, appeals to me. Scott, Dickens, Shakespeare, ancient and modern histories grace the upper shelf. Coopers' books, history of civil war (as seen by a boy), Algers and King (for you see we have boy readers), followed closely by Connor's (every volume). Roe, Holmes, Stowe are near neighbors to Lew Wallace's "Ben Hur," "Prince of India," etc. "David Harum" is side by side with "Milt's Travels in Venice" and "The Origin of Man." And such lots of others! I like diversified reading. And of course we have our dailies, weeklies, farm journals, and The Boy has his "Youth's Companion" and "American Boy." You see I write that word boy with a very large B. I wish to emphasize the word and I wish everyone who owns one of them would take those papers for him. I find such a very few who take any kind of a paper for their boys. And our papers go to a number of families where there are boys and girls who are hungry for something interesting to read. Don't be surprised if your boys wander away from home looking for something interesting if you do not make home the best place on earth for them. Our dining room is a tiny place, but there is where you always find our boys, while waiting for a meal on rainy days, etc. Here are all the papers, magazines, flowers, and my box of letters and stationery. Over the table is a picture of beautiful scenery, a scene in Norway of mountains and rock-bound coast, and such a queer-looking old castle, and the picture of a lad with such a sunny, laughing face. It cheers one just to

see it. We are having the latest, coldest, "freeziest" spring and not a flower has dared to show its head, but we enjoy a bouquet of just branches of ash and elder with their lovely green foliage. I was so thankful for all the kind helpful letters written to me by members of this "Home." We are terribly lonely, and it is a sad task to have to go on alone, but for the children's sake I am trying to pick up the broken threads and do the best I can.

The soul that seeks happiness in the good of others cannot be utterly miserable for very long. In service there is healing for every wound and though the heart be lonely it finds peace. It is bound to be well with our friend, but let us help her until she gets her bearings and readjusts her life.

Mrs. Vanderhoeft has been a member of this circle for many years, but even she must, I fancy, yield the palm of seniority when Mrs. Amelia Willard Hillier rises to speak:

A decade or more ago I was for several years a contributor to this paper. Since that time I have quite lost sight of the paper, yet not forgotten the pleasant circle I once met there. I have often thought of the congenial spirit that prevailed there, except now and then one for variety's sake would "drum on a tin pan and set the bees a-humming," which was so much enjoyed that the act could not be justly condemned. Recently through the medium of the pen of a relative I was informed that a somebody (a stranger to me, I presume) wished me again to write for the paper. The request revived many pleasant memories of the past, hence I decided to comply. I have frequently meditated over the changes in homes a decade of time will make and as it has in our own it no doubt has to some extent in all others that I have met in the "Home Circle" of this paper. At that time our children were at home and we resided on Hillier Hill, the old homestead in Springfield, fourteen miles from the capital city. Now my husband and I dwell mostly alone in Waukegan, a village of about 600 inhabitants some ten miles by rail to Madison and four and one-half miles from our old home. Our four boys are married. The eldest resides in Iowa, our second lives at Hillier Hill. The third is an official at the Bons Industrial School at Waukesha, Wis. Our youngest son living is an instructor at the Home for Boys, at St. Charles, Ill. Our youngest and only girl, of nineteen summers, has been teaching for the past two years at the stone school house that was erected in the fifties in Springfield, and boards with her brother at Hillier Hill. Her father attended school there when a boy and some are great-grandmothers now who secured all their school education within its humble walls. Some doctors, a lawyer and many teachers learned A, B, C, there. The old stone school house was famous for miles around in pioneer days. It was used for church service until the M. E. church was erected; also for all public meetings and entertainments, and as a town hall, it being near the town center. And excitement ran high at war meetings during the civil war. Many a youth and married man contracted the war fever there and went to the South, leaving the endearments of home for the hard life of a soldier, and many of them now repose "neath the grasses in the sunny South. My daughter brought me home this spring violets and crocuses that she and her pupils had gleaned from the range of bluffs back of the school house where the soldier boys trained before joining the army, and where the liberty pole stood for many years. Oh, where are all those people now who attended school, service, political meetings, etc., thought I, in the old school house? Many sleep in the pioneer burial grounds, many have gone West, a few of the old ones still survive, some are dwellers in Iowa, yet all is well. The descendants of the English, eastern and German pioneers are scattered, yet are useful citizens mostly wherever they may be.

Mrs. Hillier speaks for many who love Among Ourselves, but have allowed the cares of life and the weight of years to prevent their taking part in the meetings of late. Perhaps her coming will bring some of them to their feet once more. We shall hope so.

#### Dressmaking and Millinery, No. 575.

Sylvia Silverthorne, Muscatine, Iowa.

(All inquiries and remittances for patterns described in these articles should be addressed to Sylvia Silverthorne, Muscatine, Iowa, and not to the office of this paper nor to the editor of the Home Department.) While plaids are holding much favor in summer fabrics there is a marked liking for stripes and these are shown in quite as great a variety as are the plaids. Some of the fabrics show the stripe without any change of tone or color, that is it is seen only in the weave, and in this there may be the same variety as when different colors enter into the striping, hairline effects alone or together with broader stripes being noted. Then again the stripes are of two or more colors, or of varied shades of one color. Frequently when two shades are used a line of black marks one side of the deeper tinted stripe. When it comes to trimming these striped fabrics a novelty is noted in the use of lengthwise strips of the material used as a band trimming. These are applied on both skirts and waists, but should be used principally in a way that they are put crosswise of the material. They may encircle the skirt in rows, or in a series of short lengths placed at intervals. In fact they may be used in any way that bias bands would be used, and we are all familiar with the use of these.

For drop skirts and slips to be worn under sheer cotton fabrics lawn is being used, and as this is inexpensive one may have more than one (of different colors), to be worn with any one gown, and variety is thus afforded. Especially do the cotton voiles so much in vogue, call for these, and very pretty effects may be achieved. White or natural color linens are given a

## CANADIAN IRRIGATION LAWS ARE PERFECT

THE Canadian Government looks after the interests of the farmer just as closely as he looks after his own affairs. When the settler goes to Canada he is assured that he will receive just treatment. The justice of the Canadian irrigation laws has attracted the attention of the states in the United States where irrigation is practiced.

There is no question but that irrigated farming is the most profitable farming but the settler should be certain that he is going to get a full and bountiful supply of water for his land and live stock before he depends upon irrigation.

The Canadian irrigation laws provide that no ditches shall be built where it is not an absolute certainty that they will be supplied with water, and plenty of water even during the very driest year. On the great Canadian Pacific irrigation tract near Calgary, Alberta, Canada, the lateral ditches are brought to the highest point on each farm—Thus the expense and work of constructing laterals does not fall upon the farmer, but he is ready to begin farming the moment he enters his land.

The expense of maintaining the irrigation works falls very lightly upon the farmer, too, because he is only required to pay 50 cents per acre per year on each acre of irrigated land for keeping up the ditches, which is much less than the actual expense of the work and this small payment is nothing when the increased yield of irrigated land is considered.

Thus everything is made easy for the settler—He spends no time getting ready to farm but begins at once when he arrives and his water rental is so slight that he hardly feels the expense.

Almost anything can be raised under irrigation in Alberta. Sugar beets produce enormously and every ton can be sold for \$5, this price is guaranteed, and it is a higher price than they usually bring in other sections. Alfalfa is one of the staple crops and it produces forage which makes stock raising a certain and sure profit bringer on a large scale.

Almost any of the cereal or root crops can be raised and the production is large—Good markets at the very door of the settler make farming conditions as nearly perfect as are to be found anywhere.

The man who settles on irrigated lands in Southern Alberta is not a pioneer—He has good neighbors and all advantages of modern civilization that are to be found on the farm anywhere.

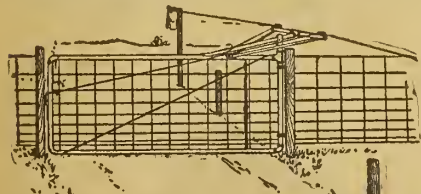
We don't want you to come to Alberta unless you are satisfied that you can do better here than anywhere else. If you will send your name and address we will tell you how to see the country at the least possible expense and how to get a farm that will make you rich. In short, we will prove to you that Southern Alberta is the place you are looking for.

CANADIAN PACIFIC IRRIGATION COLONIZATION CO., Ltd.

71 Ninth Avenue, West,

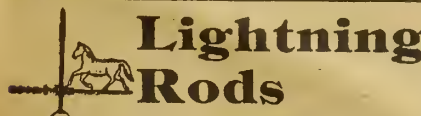
Calgary, Alberta, Canada.

### Nebraska Automatic Gate



OPENED from wagon or carriage. Any lady or eight year old child can operate this gate. All steel. Can be hung on any gate post. Nothing to get out of order, 12 ft. gate \$10. You can't afford to be without this gate for the price. Hog and cattle proof. Also Rice's Automatic Tilt Gate. Ornamental steel. Gates and rod fences a specialty. Catalog upon application.

RICE BROS. MFG. CO., HARVARD, NEBRASKA.



### Lightning Rods

Farmers wanted to buy 98% Pure Copper Cable Lightning Rods. Write for prices and samples to

JOS. H. BARNETT & CO. Riverside, Iowa

### The Jewell Nursery Co.

(Box 16,) Lake City, Minnesota

Capital \$500,000.00. 1200 acres. Largest Nursery in Northwest. Established 1885. Hardy seeds, trees and plants. Agents wanted—Good pay.

FITS St. Vitus Dance and all nervous diseases permanently cured by Dr. Kline's Great Nerve Restorer. Send for FREE \$2 trial bottle and treatise. Dr. R.H. Kline, Ltd., 931 Arch St., Philadelphia, Pa.

nobby effect by the use of a color in collar, cuffs, and vest if such is used in the development of the costume. Brown, rose pink and green are especially favored colors for these, although one may consult her fancy.

The girl's dress shown in 5656 certainly has simplicity for its keynote, but a little study of the design will bring to mind its possibilities of more elaborate development should something in that line be desired. It



5656 Girl's Dress. 6 to 12 years.

may be made of the simplest material, and one used throughout, or embroidery may be used as shown or in any manner desired. The square, half-low neck is so appropriate for summer, and the gathered epaulettes add a charming touch. Embroidered flouncing may be used for the full skirt, and all-over or alternate rows of insertion and the ma-

terial may be used in the waist. Wide embroidery may be used for the epaulettes or they may be of material trimmed with narrow edging of embroidery. The elbow sleeves are just the thing, but if full length sleeves are wanted at any time they may be cut by the pattern, allowance being made for length desired. Pattern 5656 is cut in sizes for girls of 6, 8, 10 and 12 years. Give age when ordering pattern.

The Princess Jumper gown seemed such a novelty at first that I hesitated about offering it, but now that it is becoming common many of us will be wanting one, and certainly a very simple development is shown in 5643. But right here will you make a note of this, that the guimpe is not



5643 Princess Jumper Gown. 32 to 40 bust.

part of the pattern. In fact the Jumper gown may be worn with any lingerie or fancy waist just as you would wear a jumper waist. Tucks adjust the fullness at the waist line in girdle effect, and these may be varied in depth in fitting the garment. I cannot imagine any difficulty in the management of the pattern. 5643 is cut in sizes for a 32, 34, 36, 38 and 40 inch bust measure. Give size when ordering pattern.



## OUR LEGAL DEPARTMENT

THIS department is edited by a practicing lawyer, who has had years of experience at the bar. He will give accurate and reliable answers to all legal questions when they are of sufficient importance to be of practical interest to any considerable number of our readers. Subscribers who desire questions answered in this department should base them upon a brief, plain, concise statement of the actual facts. To insure immediate attention inquiries should be addressed to "The Legal Department," in care of this paper; but as the inquiries sent are at times very numerous, thus delaying printed answers, those to whom it is important to receive an immediate reply by mail should remit \$1.00, addressed as above.

### LAW QUESTIONS CONSIDERED.

#### MAIL BOX NOT A FIXTURE.

Mr. John L. Gourley, Villisca, Iowa.—A sold his farm to B, making no reserve or mention of the mail box, and now B objects to A removing the box. Who is lawfully entitled to the box?

Answer.—The box is not a fixture, but personal property belonging to A, and he has a right to remove it.

#### RIGHT OF WAY—DRAINAGE.

A Subscriber, Grinnell, Iowa.—A owns a farm on the upper side of a railroad, and B owns a farm on the lower side of it, contiguous. In draining their lands, it is desirable to connect their tile drains. Can either or both compel the railroad company to give them the right to construct the tile drain through its right of way?

Answer.—Either party or both can compel the railway to give the right of drainage across its right of way. See page 677 of the Code of Iowa, Sec. 1955. In all such proceedings it is advisable for the party to engage a competent attorney to manage the matter.

#### DOWER—DESCENT.

An Illinois Subscriber.—A and B were husband and wife. A deserted his wife. Shortly afterwards the wife bought a house and lot in town with her own money, and took the deed in her own name. A never lived with her or supported her afterwards. Ten years after she bought the property she died. Before her death she deeded the property to her sister, who is still living. A is still living. (1) Is A entitled to any of this property under the laws of Illinois? (2) Has the sister of B a good title to the property?

Answer.—(1) If B left a child or children, or descendants of such, her surviving husband, A, is entitled to dower in said house and lot, that is one-third of it, for his natural life. If B left no children or descendants A is entitled to one-half of the house and lot. (2) B's sister has not a good title to the property because it is subject to either the dower right of A, or to his right to half absolutely, according to whether B had heirs surviving her.

#### PROPER VOTING PLACE.

A Subscriber, Moorhead, Minn.—A owns a section of land in a certain township and county in this state. There is a town in the township. There is a voting place in the township for the residents who live there outside of the town limits, and there are voting places in the various wards of the town for the residents thereof. In November, 1906, A rented his land to B and moved into the town, reserving, however, a room in the house for his use, and leaving a lot of stock on the farm. The spring election is held on the second Tuesday in March. Has A a right to vote in the township voting place?

Answer.—We think that he has not a right to vote in the township vot-

ing place, but at the ward voting place in the town where he has his residence.

#### CONSTRUCTION OF LEASE.

A Subscriber, Webster City, Iowa.—A rented a farm from B. In the lease is the following language, viz.: "A gives two-fifths of all grain delivered to market, and two dollars and fifty cents (\$2.50) per acre for all hay and pasture land." Under this clause can B compel A to pay for roads, lots and yards at \$2.50 per acre?

Answer.—He cannot.

#### LIVE STOCK—ADJOINING FARMS.

Mr. John N. Anderson, Stanton, Iowa.—A and B are neighbors owning adjoining farms. A has two pastures. In one pasture he keeps his bull and cows, and in the other he keeps his young heifers. This last named pasture adjoins B's pasture, in which B keeps a bull. A fears that B's bull will break through the fence and serve his heifers. Can A compel B to tie up his bull?

Answer.—He cannot. If the fence is a lawful fence and the bull breaks through it and injures A's stock he can recover damages from B, and if the fence where the bull breaks through is not lawful, but is the part which B is bound to keep in repair, B would be liable for damages, but one man cannot compel another man to tie up any animal on his own premises.

#### HEDGE FENCE—OWNERSHIP.

A Subscriber, Shamhaugh, Iowa.—A owned a farm of 160 acres, and a farm of eighty acres adjoining. He lived on the larger farm, and his son lived on the smaller one. There was a fence between the farms. The north eighty rods of it was hedge that had grown for years, taking up land on both sides of the division line. The south eighty rods was part hedge and part wire. The hedge part was kept trimmed. A died, and the farms were sold six years ago. B bought the 160-acre farm and C bought the eighty-acre farm. B claimed that the big hedge belonged to him, and he took some of it for posts. The land he bought has changed hands twice since he owned it, and each owner has taken posts from the big hedge, but C, the owner of the eighty-acre farm, has never taken any. I have just bought the land from C and he says I am entitled to half the hedge. What is the law about it?

Answer.—You are the owner of half the hedge and the owner of the adjoining land owns the other half. If the hedge is to be removed, each one is en-

## ARE YOUR CROPS INSURED AGAINST HAIL?

Many Iowa Counties Already Claim Losses.

### The Mutual Hail Storm Ins. Association of Iowa

IS A WELL ESTABLISHED COMPANY.

Cost of insurance low; attention to adjustments fair and prompt. Why not get the best? See or write the agent today. Address

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SIMPLE, STRONG, DURABLE, RAPID

The Best is most Profitable.

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## TRACTION ENGINES FOR SALE

We have on hand ready for delivery several 15 horse-power traction engines, new and second hand, also one 8 horse-power traction engine second hand, that we will sell very cheap in order to close them out within the next few months. A great opportunity to buy a good engine at practically cost price.

The O. S. Kelly Mfg. Co., Iowa City, Ia.

## BINDER TWINE FACTORY TO FARM at Lower Prices than Dealers Must Pay the Trust. Farmers wanted as Agents.

AUGUST POST, MOULTON, IOWA.

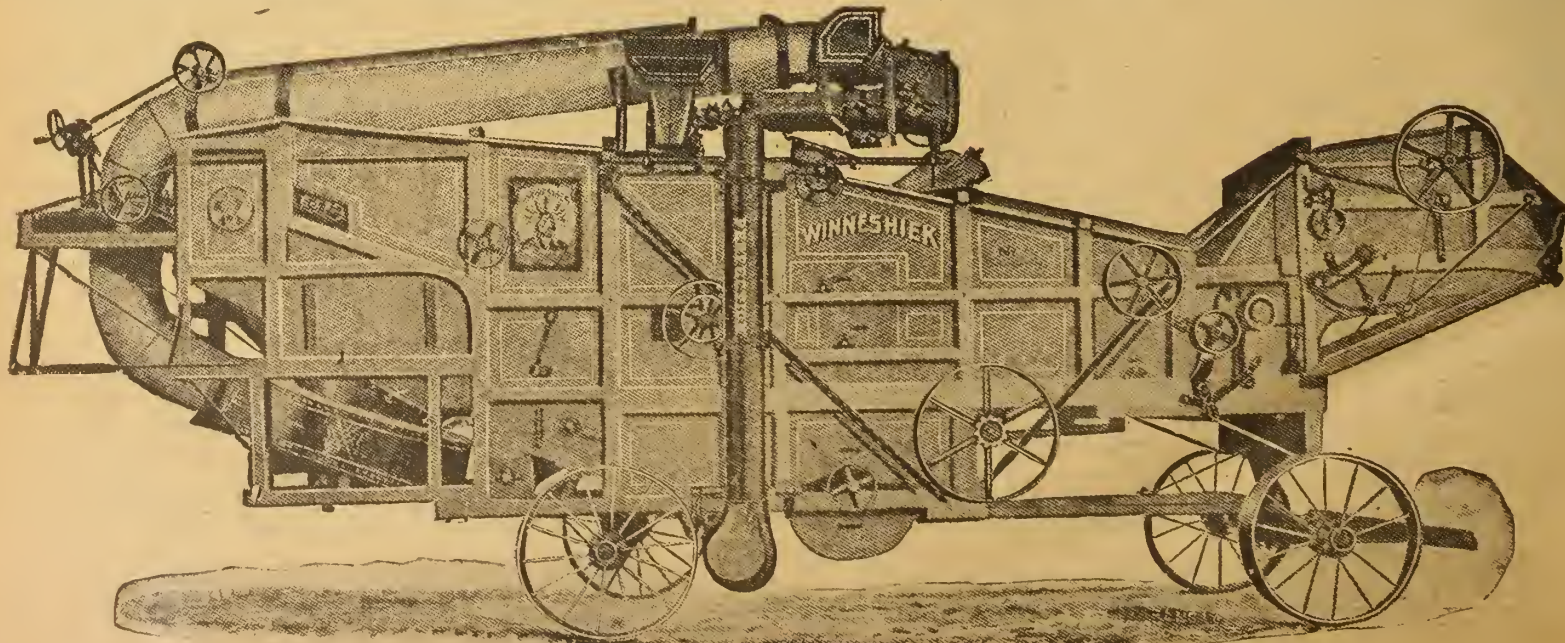
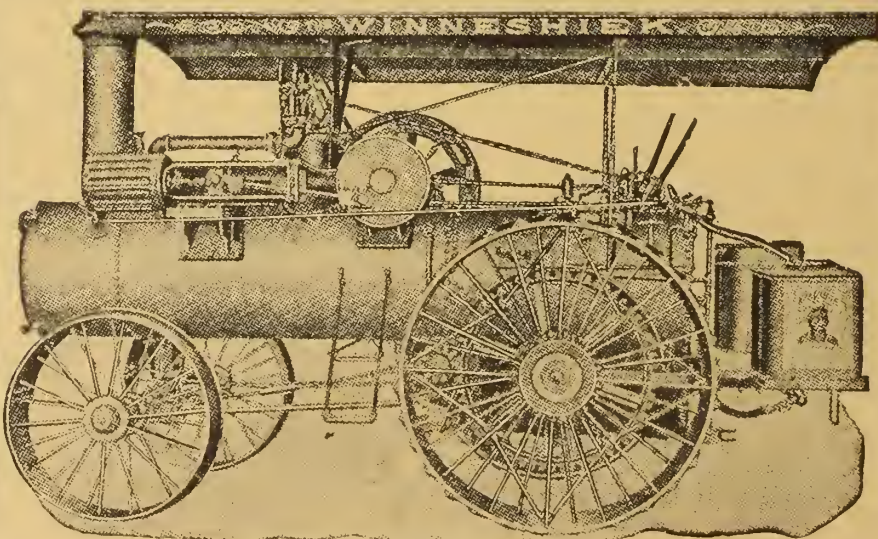
titled to half of it, or if posts are cut from the hedge each one is entitled to half of them, but neither one can remove the hedge or destroy it as a fence without the consent of the other. Better come to an agreement

about the matter without a lawsuit.

#### UNFAIR ASSESSMENTS.

A Subscriber, Forest City, Iowa.—In Forest township, farms of 160 acres, from six to eight miles from town, are assessed for taxation at \$2 less per acre than twenty and forty-acre farms adjoining the town limits. The 160-acre farms could not be sold for more than \$60 per acre, while the small farms adjoining the town are worth \$100 per acre without improvements. Again, land just out of the town limits is valued at \$35 per acre, and adjoining land inside the limits is valued at \$60 by the assessor. The township trustees as a local board of review refuse to equalize and adjust this inequality of assessment, and the county supervisors refuse to change it. (1) What legal remedy is there if any? (2) Is there any appeal from the decision of the township trustees?

Answer.—(1) There is probably no adequate legal remedy for the situation. The real remedy is political in its nature. It consists in electing trustees who have more sense of proportion in the relation of things to each other. (2) An appeal may be taken from the decision of the local board of review to the district court. This appeal is taken by giving written notice to the presiding officer that such appeal is taken. It would be advisable to have a lawyer conduct the proceedings. This is the only legal remedy, and does not work very satisfactorily. The county



We are pleased to call the attention of our readers to the Winneshiek line of traction engines and grain separators as illustrated above and which are furnished by the Cascaden Manufacturing Co., of Waterloo, Iowa, the big "one price factory" which is advertising to save buyers of thrashing machinery fully one-third on all styles and sizes of engines and separators. Their advertisement which appears on page 8 should interest every reader of this paper. The Cascaden Mfg. Co. was established in 1870 and is now making an extensive line of goods in one of the largest and best equipped plants in the country.



board of supervisors has no power to raise or lower the assessments of individual taxpayers, but only to adjust assessments of the several townships, cities and towns in the county.

#### VETERINARY CHARGES.

A Subscriber, Denison, Iowa.—Please state the rate of mileage and fees which a veterinary surgeon is allowed by law to charge for his services?

Answer.—The charges of a veterinary surgeon are not regulated by statute and probably cannot be. They are a matter of private contract, and if no contract be made as to the amount, and a dispute arises concerning the same, the veterinary surgeon can recover by law what he can prove his services are worth, and no more.

#### DAMAGE BY DOGS.

A Subscriber, Shenandoah, Iowa.—(1) Has the owner of a female dog the legal right to allow it to run at large about the country? (2) In case dogs collect together and get into my sheep pen, can I recover damages from the owners of them?

Answer.—(1) There is no state law prohibiting dogs of either sex from running at large in Iowa. (2) If the dogs cause damage, you can recover the amount of such damage from the owner, and if you find them in the act of worrying, maiming or killing your sheep, or any other domestic animals, you may lawfully kill the dogs at once.

#### DORMANT JUDGMENT—REVIVOR.

A Subscriber, Red Oak, Iowa.—C was surety on some promissory notes held by A against B. In 1898 A tried to collect the notes from B, but B had no property. A got judgment and filed it against C's land in Nebraska. When will the judgment have to be renewed according to the laws of Nebraska?

Answer.—In Nebraska a judgment can be kept alive by having executions issued on it not less than five years apart. If an interval of time exceeding five years elapses wherein no execution, the judgment becomes dormant, but it can then be revived by proceedings in court.

#### STREET—CONDEMNATION PROCEEDINGS.

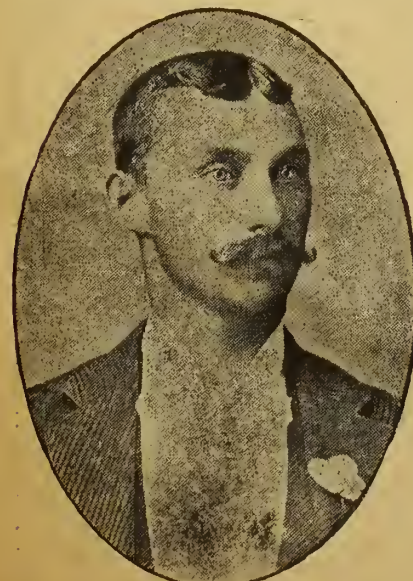
A Subscriber, Chester, Neb.—A deeded to B a tract of land adjoining the town limits of an incorporated town. The town has set apart a strip of land forty feet wide, next to B's land for the half of a street. (1) Is B required by law to give a forty-foot strip of land adjoining it, for the other half of the street? (2) The town put down a well on B's land within forty feet of the division line, six years ago when A owned the land. It was put down without A's consent. Who is the owner of the well?

Answer.—(1) B is not required by law to give any of his land for part of the street. It can be taken for such a purpose by condemnation proceedings in which B would be given full compensation for the land taken. (2) The well belongs to B.

#### SURGICAL EXAMINATION.

A Subscriber, Williamsburg, Iowa.—I called at the office of a surgeon and told him I wanted an operation performed for hernia, and asked him what he would charge me therefor. He made an examination of me and stated his price. I then told him I would go to other places and if I concluded to have him perform the operation I would come back. I went to another doctor and he examined me, and stated his price, and I engaged him to perform the operation. The first named surgeon now demands a fee of me for consultation. I did not ask his opinion or advice, but only what he would charge for the operation. Can he recover a fee for consultation?

Answer.—You ought to be willing to pay him a reasonable fee. You bothered him about your ailment and submitted



CHAS. VAN PATTEN, Sutton, Neb.  
One of Nebraska's progressive Duroc Jersey breeders

# LANDS AND HOMES FOR SALE

## LOOK - - LOOK

These are all bargains and will stand rigid investigation. Values and descriptions guaranteed by the owners; 3,500 acres all good dirt; 2,500 of it best of alfalfa land; 500 in alfalfa; well located and improved; central Kansas, only \$15 per acre. 1120 acre corn and cotton plantation, best of dirt, fine improvements, 26 tenant houses, near good town, Mississippi; will consider property north. 80,000 acre ranch, New Mexico, one mile to railway, \$2.50 per acre. 1,600 acres, a dandy ranch, Barber county, Kansas, well located and improved; only \$20,000; will exchange. 640 acres all choice, level first and second bottom land; no waste or overflow; 2 sets good improvements; eastern Kansas; only \$40 per acre. 140 acres, an elegant farm and home in Missouri, near Kansas City; good dirt and improvements; \$9,000. 1,100 acres, all good wheat and alfalfa land, central Kansas, well located and improved; \$15 per acre. 200 acre model farm and home, Marion county, Mo.; this is choice, money maker, price right; full data on application. 640 acres, all good, rich dirt, splendid location and improvements, central Minnesota; only \$40 per acre. 1,156 acres, a dandy farm and ranch near Topeka, Kan.; 2 sets good improvements, good dirt, only \$45 per acre. 380 acre good farm, joins town eastern Kansas; well improved; \$50. A money-making hay business, a good outfit in the hay belt of E. Kansas, \$3,000. I have 320 farms, 110 ranches, 75 stocks of merchandise for sale, some will exchange; will be glad to tell you of them.

FRANK GEE, - LAWRENCE, KANSAS.

## 52,000 Acres

HAVE removed fences on our ranch in S. E. Wyoming, which we are cutting up in farms of 160 acres up. Will sell same at \$8 to \$12 per acre. All choice lands.

Morden Land & Loan Co.,

576 Good Block, - Des Moines, Iowa.

## IOWA FARMS

For Sale by THE HONEST LAND MEN

In the Great Corn and Bluegrass Region.

All kinds of fruit. Best water. See Madison county before you buy. Write at once for the largest and finest list ever issued in Iowa. 300 choice farms.

HAMILTON BROS., WINTERSSET, IA.

LAND BUYERS Write us for descriptive catalog. A bargain always on hand.

RENTERS We have several farms to rent this coming fall. Write us for particulars.

The Allen Land & Loan Co., Laurens, Iowa.

**BEST FARM IN MISSOURI.**  
2,040 ACRES rich prairie land, solid body, splendid fence and cross fence. 700 acres fine blue grass, 600 acres fine timothy hay, balance grain, no waste land. Six sets tenant improvements, 60 miles south of Kansas City. Price \$45 per acre. Dyas Realty Co., 107 N. 9th Street, St. Louis, Missouri.

## LAND ADVERTISING.

FOR additional advertisements of farms, farm lands, etc., see department of CLASSIFIED ADVERTISING elsewhere in this paper. It will pay you, if looking for bargains, to look over the advertisements to be found there.

**300 ACRES** Improved farm Mercer county Mo., good productive land. 740 acre improved farm Chautauqua county, Kan. Owner would take smaller farm or other property in part payment. Address: Box 81, Independence, Iowa.

**LARGE** highly improved Eastern Washington farm FOR SALE, including stock and farming implements. Full information upon application. Bevis Brothers, Spokane, Washington.

**FOR FARMS AND EXCHANGES**, write in your first letter what you want to buy, or have to exchange. Fraley and Graham, Urich, Missouri.

**CORN and Alfalfa farms for sale**; good improvements. Write for prices. Jas. S. Sheeran, Solomon, Kansas.

to an examination; probably he could not make an estimate of proper charges without an examination. He could probably recover a reasonable fee for the examination.

#### STOCK INSPECTION—MINNESOTA.

A Subscriber, Jefferson, Iowa.—(1) A neighbor of mine shipped his live stock by rail, from Iowa into North Dakota. When he reached the Minnesota line he was compelled to stop and have his horses examined by a veterinary. The authorities informed him that he should have had the examination made before he started. What is the law about the matter, and who should pay the charges for examination? (2) For what length of time can a railroad company hold emigrant cars on a side track, according to law? (3) If live stock is injured in the cars by reason of the crews making flying switches, and jamming cars together violently, can the owner recover damages from the company?

Answer.—The State Live Stock Sanitary Board has power to regulate or prohibit the arrival and departure of stock, under certain conditions, and may detain animals if diseased, at the owner's expense. See Sec. 2158, revised laws of Minnesota, 1905. (2) The statute law fixes no specific time. (3) In such a case the owner can recover damages.

The Homestead and The Homemaker  
\$1.25 per year.

**BE WISE BUY LAND**

**Come to Texas Now**

The time to visit the big new opening of fertile land at Mendota, Hemphill County, Texas, is now — this Summer — not a few months hence when the land is all sold to farmers and every acre has gone up \$5 to \$10 in price.

To-day you can get some of this splendid land as cheap as \$8 an acre, but that low price cannot possibly last long. The Mendota Colony Farms, now being sold by the Colony Farm Homes Association, consist of about 25,000 acres of land in the Eastern part of the Panhandle of Texas not far from the Oklahoma line—all within 6 miles of Mendota on the main line of the Atchison, Topeka and Santa Fe Railway.

The land was recently sold by cattle men who have held it for years. In the Red Deer and Washita River Valleys. It is tight soil, very fertile and has abundant water by rainfall and by natural underlying water-sheet. Adjoining land under cultivation for several years produces bountiful crops of wheat, corn, oats, alfalfa, potatoes, etc. Healthful climate. No alkali. No gumbo. Country rapidly settling. Canadian, county seat, town of 1,200, only 11 miles away. College, schools, churches, telephones, etc.

Prices Mendota Colony Farms now \$8 to \$18 an acre. Payments extending over 4 years. See the land on next Homeseekers' Excursion. Write to-day for full information and illustrated literature giving particulars. Even if you cannot go now it will pay you to get information at once.

**The Colony Farm Homes Association**  
21 Equitable Building, St. Louis, Mo.

**\$1.00 Down AND A DOLLAR A MONTH PER ACRE**

**BUYS A FARM** in the Gulf Coast country of Texas. Larger farms, one-fourth cash, balance, one, two and three years. Fifteen dollars per acre. No interest, no taxes. Oklahoma farms, Texas ranches very reasonable. Write or call on **EASTMAN & SHAW, ENID, OKLA.**

**TEN : CENTS : AN : ACRE**

FOR the best farming land on the continent. A 160 acre farm for \$16.00 (the government filing fee) in GOD'S COUNTRY, its rolling prairie covered with velvety verdure, and it's yours if you will come and get it. It's less than five miles from the Great Northern Rv. in the land of opportunity—Montana. Don't pay any more rent. You can get a round trip ticket from St. Paul for \$25.00, and if you come and see it you'll throw away the return trip stub. For further particulars address **Leo B. Coleman, Glasgow, Montana, Secy. Commercial Club.**

**FOR SALE OR EXCHANGE.**—One of the choicest and best improved farms in Southwestern Minnesota, containing 520 acres for a smaller farm. A few smaller improved farms for sale on the crop payment plan, and Western Kansas farms for sale on easy terms. For particulars address L. H. Mulhall, Sioux City, Ia.

**FARMER! STOCK GROWER!**

**AVOID** the blizzard swept prairies of the North, the stifling heat of the Southwestern plains.

**Come to Northern Minnesota!**

Enjoy life in a timbered country, where water is pure, soil strong and quick, climate mild, and where you can buy of us, close to good markets, in any sized tracts, bordering on lakes and streams, rich natural grass lands at from 10 per acre up, **IF YOU ACT QUICKLY.** Send for Maps and Folders, with views taken on these lands. There is timber enough, in many cases, to more than pay the price we ask. Address **ROGER C. SPOONER, President, Donald Land & Lumber Co., Bemidji, Minn., Drawer N.**

## Good Farm For Sale

**160 ACRES** of fine irrigating land near Bayard, Neb. Will sell for \$25 cash, which is from \$10 to \$15 less than land men are selling same kind of land for. Need the money for business. Address owner, M. cure Iowa Homestead, Des Moines, Iowa.

**IOWA THE GREATEST CORN STATE.**

IOWA beats all other states, Illinois included. In corn, oats, and live stock. It is much like Illinois in soil, climate and surroundings, and is full of Illinois people. Coming here you merely change neighborhoods. Our new catalog gives a fine list of bargains in improved farms, also same to exchange. Send for it early.

**Northern Iowa Land Co., - Independence, Iowa.**

**FOR SALE** A good farm of 480 acres in Boone Co., Neb., about 320 a. under cultivation, good buildings, 60 a. in pasture, price \$50 per acre, terms to suit purchaser, 6% interest. The O. R. Davis Co., 508 Bee Bldg., Omaha, Neb.

**I WILL HELP YOU TO MAKE MONEY**

I WILL teach you the Real Estate, Abstract, Loan, Insurance and General Brokerage Business by mail, and assist you to establish a prosperous business of your own or secure you a paying position. Many make \$2,000 to \$5,000 annually. The real estate business has assisted many without capital to become independent for life.

**JAS. T. LARKIN, PRES'T,**  
Kansas City School of Real Estate, Kansas City, Mo.

## GOOD FARM FOR SALE

**GOOD** 640 acre farm in Keith Co., Neb., for sale. Best soil, lies fine; \$10 per acre. Worth at least \$15 to \$20. Must sell at once for cash to close up our estate. Address owners, Westenhaver Bros., Sheldon, Iowa.

## GOOD FARM FOR CASH

We are disposing of our real estate and will sell our 376-acre farm in Pope county, Minn., well improved, for \$7,500 to \$10 less than actual value. Need the money for other business. Address owner, D. cure Iowa Homestead, Des Moines, Iowa.

**HALF SECTION FARM FOR SALE** in Murray Co., Minn. Good buildings, grove, deep well and wind mill. Eighty rods to school house, three miles from town, good rolling land, well settled and a snap at \$37.50 per acre. Will give any reasonable terms. Address, **BURT I. WELD, - SLATON, MINN.**

**CORN LANDS** Write for State Map, Bank let and Weather Report. Sent free. Razel J. Meeks, Chillicothe, Missouri.



Dates Claimed for Live Stock Sales.

**DUROC JERSEYS.**  
Oct. 1, D. R. Wilson & Son, Redfield, Iowa.  
Oct. 1, W. H. Haith, Tecumseh, Neb.  
Oct. 1, Grant Chapin, Green, Kau.  
Oct. 2, W. M. Putnam, Tecumseh, Neb.  
Oct. 3, Elmer Lamb, Tecumseh, Neb.  
Oct. 3, Roy West, Bondurant, Iowa.  
Oct. 4, R. F. Miner, Tecumseh, Neb.  
Oct. 5, F. C. Crocker, Filley, Neb.  
Oct. 9, Turner Able & Son, Rochester, Ill.  
Oct. 9, Frank Butterfield, Polk City, Iowa.  
Oct. 10, Lein Bros., Story City, Iowa.  
Oct. 10, W. S. West, Hanna City, Ill.  
Oct. 12, Preston & Yustin, Corning, Iowa.  
Oct. 15, H. B. Griffiths, Bowen, Ill.  
Oct. 15, Boar sale, Claude Huffman, Scranton, Iowa.  
Oct. 16, McNeil Bros., Bowen, Ill.  
Oct. 17, Thomas & Hogsett, and Fagan, Browning & McCabe, at Golden, Ill.  
Oct. 18, Fred Kraschcl & Son, Macon, Ill.  
Oct. 19, J.M. & W.T. Gattton, Springfield, Ill.  
Oct. 21, J. W. & Earl Taylor, Kokomo, Ind.  
Oct. 22, Manlove Bros., Bowen, Ill.  
Oct. 22, A. T. Sundell, Paton, Iowa.  
Oct. 23, R. R. Steele, Cedar Rapids, Neb.  
Oct. 23, L. H. Roberts & Son, Paton, Iowa.  
Oct. 23, G. W. Seckman & Son, Mt. Sterling, Ill.  
Oct. 24, A. W. H. and Albert H. Orr, Lormor, Iowa.  
Oct. 24, M. W. Greer & Son, Rushville, Ill.  
Oct. 24, J. F. Nichol, Pierson, Iowa.  
Oct. 24, A. P. Alsln, Boone, Iowa.  
Oct. 25, Risser Bros., Sanborn, Iowa.  
Oct. 25, S. S. Puckett, Lynchburgh, Ohio.  
Oct. 26, J. A. Russell & Son, Corning, Iowa.  
Oct. 26, Boyd & King, Lynchburgh, Ohio.  
Oct. 29, Watson Bros., Creston, Iowa.  
Oct. 30, Geo. R. Manifold, Shannon City, Ia.  
Oct. 31, W.H. Cummings & Son, Tecumseh, Neb.  
Nov. 1, Con McCarthy, Henderson, Neb.  
Nov. 4, S. R. Murphy and G. T. Edwards, Savannah, Mo.  
Nov. 4, Chas. Liebhart, Marquette, Neb.  
Nov. 5, Stansell & Matern, McNabb, Ill.  
Nov. 6, O. L. Mossman, Polk City, Iowa.  
Nov. 7, S. L. Hopper, Neola, Iowa.  
Nov. 9, Boar sale, Hood & Baker, Dunlap, Ia.  
Nov. 9, H. G. Warren, Inland, Neb.  
Jan. 16, S. G. Collicott, Lake City, Iowa.  
Jan. 20, C. L. Strayer, Ocheyedan, Iowa.  
Jan. 21, Weighton & Ashby, Audubon, Iowa.  
Jan. 21, Gus. A. Pederson, Ocheyedan, Iowa.  
Jan. 22, J. L. DeYoung, Sheldon, Iowa.  
Jan. 23, Reisser Bros., Sanborn, Iowa.  
Jan. 23, Robt. Pritchard, Carroll, Neb.  
Jan. 24, B. A. Shafer, Sanborn, Iowa.  
Jan. 24, W. M. Lessman, Wayne, Neb.  
Jan. 25, Henry Waltersdorf, Hartley, Iowa.  
Jan. 31, Hood & Baker, Dunlap, Iowa.  
Feb. 1, Dr. J. A. Downs, Glidden, Iowa.  
Feb. 3, Robt. Schaal, Polk City, Iowa.  
Feb. 4, Frank Butterfield, Polk City, Iowa.  
Feb. 5, E. E. Cartwright & Son, Pilot Mound, Iowa.  
Feb. 6, W. R. Bennethum, Madrid, Iowa.  
Feb. 7, O. A. Olson, Madrid, Iowa.  
Feb. 10, Claude Huffman, Scranton, Iowa.  
Feb. 10, Roy West, Bondurant, Iowa.  
Feb. 10, Geo. H. Miller, Chariton, Iowa.  
Feb. 11, Perry Livengood, Castana, Iowa.  
Feb. 11, L. H. Roberts, Paton, Iowa.  
Feb. 11, W. J. Prather, Russell, Iowa, at Chariton, Iowa.  
Feb. 11, H. B. Loudon & Son, Clay Center, Neb.  
Feb. 12, Clark & Tryon, Wausa, Neb.  
Feb. 12, D. F. Counts, Mapleton, Iowa.  
Feb. 12, H. S. Allen, Russell, Iowa, at Chariton, Iowa.  
Feb. 12, A. P. Alsln, Boone, Iowa.  
Feb. 12, W. J. East, Clay Center, Neb.  
Feb. 13, Isenbarger Bros., Battle Creek, Iowa.  
Feb. 13, Sexsmith & Strong, Greenfield and Orient, Iowa.  
Feb. 13, Geo. Schwab, Clay Center, Neb.  
Feb. 14, Marion Booth, Battle Creek, Iowa.  
Feb. 14, Watson Bros., Creston, Iowa.  
Feb. 15, Geo. R. Manifold, Shannon City, Iowa.  
Feb. 17, Robbins Bros., Lyons, Neb.  
Feb. 18, Lein Bros., Story City, Iowa.  
Feb. 18, Geo. Blessing, Homer, Neb.  
Feb. 19, Leslie Sheldon, Hubbard, Iowa.  
Feb. 19, John H. Tryon, Lyons, Neb.  
Feb. 20, W. J. Stone, Lyons, Neb.  
Feb. 21, Fred Frazier, Ankeny, Iowa.  
Feb. 21, E. F. LaRue, Lyons, Neb.  
Feb. 22, W. A. Peterson, Lyons, Neb.  
Feb. 24, M. S. Moats & Son, Randolph, Neb.  
Feb. 25, W. C. Cameron, Herman, Neb.  
Feb. 26, Carl Hansen, Herman, Neb.  
Feb. 27, E. Z. Russell, Blair, Neb.  
Feb. 28, O. E. Osborn, Weston, Iowa.  
Feb. 29, Albert McMahon, Craig, Neb.  
March 3, Geo. W. Custer, Merville, Iowa.

**SHORT-HORNS.**  
July 11, A. H. Brett, Mason City, Iowa.  
Sept. 6, H. M. Stafford, West Union, Iowa.  
Sept. 10, C. C. Bigler & Sons, Victor, Iowa.  
Oct. 1, Mrs. Welcome Mowry, Adm's't'r's., Tracer, Iowa.  
Oct. 1, Jeffrey & Wallace, Ainsworth, Iowa.  
Oct. 2, H. J. Weber, Jefferson, Iowa.  
Oct. 4, Lucas County Short-horn Association, C. A. Huntley, Sec'y., Chariton, Iowa.  
Oct. 7, L. B. Converse, Maryville, Mo.  
Oct. 9, F. A. Schaefer & Son, Estherville, Ia.  
Oct. 10, G. H. Burge, Mt. Vernon, Iowa.  
Oct. 12, Geo. H. Dietz, Manning, Iowa.  
Oct. 15, J. R. Mansfield & Son, Wisner, Neb.  
Oct. 22-23, Walpole Bros. and McClean, Rock Valley, Iowa.  
Oct. 23, A. C. Shellenberger and Thos. Andrews, Alma, Neb.  
Oct. 24, S. W. Hogate and J. T. McMahon, Bladen, Neb.  
Oct. 24, S. W. Hogate, Bladen, Neb.  
Oct. 25, T. B. Hart and James K. Alexander, Edinburg, Ill.  
Oct. 25, R. C. Firme, Hastings, Neb., and J. D. Lamp, Inland, Neb.  
Oct. 29, John Rasmess, Lake City, Iowa.  
Oct. 30, Hector Cowan, Paullina, Iowa.  
Oct. 31-Nov. 1, Wm. Erust & Son, Tecumseh, Neb.  
Nov. 13, Con McCarthy, Henderson, Neb.  
Nov. 28, Joseph Miller & Son, Grainger, Mo.  
Dec. 19, J. T. Judge, Carroll, Iowa.  
Apr. 15, Andrew County Short-horn Breeders' Asso., H. R. Coffer, Mgr., Savannah, Mo.

**ABERDEEN ANGUS.**  
Sept. 25, H. L. Cantine, Quimby, Iowa.  
Sept. 26, Lem Lemar, Storm Lake, Iowa.  
Sept. 26, Berry Lucas, Hamilton, Mo.  
Oct. 16, John E. Griffith, Washington, Iowa.  
Oct. 23, L. L. Atwood, Langdon, Iowa.  
October 24, Wm. H. Miner, Spencer, Iowa.

**HEREFORDS.**  
Feb. 25, 26, 27, C. A. Stannard and others, Emporia, Kan., at Kansas City, Mo.  
Feb. 16, Andrew County Hereford Breeders' Asso., W. H. Stevenson, Mgr., Savannah, Mo.

Dates Claimed for Live Stock Sales.

**POLAND CHINAS.**  
Sept. 5, H. M. Stafford, West Union, Iowa.  
Sept. 28, Fred Rood, Clearfield, Iowa, H. Fessenmeyer, Clarinda, Iowa, at Clarinda, Iowa.  
Oct. 4, J. O. James, Braddyville, Iowa.  
Oct. 10, W. D. Fulton, Villisca, Iowa.  
Oct. 15, E. C. Blauer, Mount Ayr, Iowa.  
Oct. 15, John Blain, Pawnee City, Neb.  
Oct. 17, H. L. Ackerman, Clearfield, Iowa.  
Oct. 23, Jeus Jensen, Exira, Iowa.  
Oct. 25, Fred Rood, Clearfield, Iowa.  
Oct. 26, H. L. McKelvie, Fairfield, Neb.  
Oct. 30, Ralph Mecham, Larrabee, Iowa.  
Nov. 6, W. J. Crow, Webb, Iowa.  
Nov. 9, G. H. White, Malvern, Iowa.  
Jan. 29, Fred Rood, Clearfield, Iowa.  
Feb. 1, J. W. Knowles & Son, Craig, Neb.  
Feb. 19, W. W. Wheeler, Harlan, Iowa.

**STANDARD O. I. C. SWINE.**  
Oct. 10, J. S. Kennedy, Blockton, Iowa.

**SHORT-HORNS AND POLAND CHINAS.**  
Oct. 2, J. M. Stewart, Ainsworth, Iowa.  
Oct. 8, Ira Cottingham, Eden, Ill.

**O. I. C. SWINE.**  
Oct. 13, A. T. Gartb, Larned, Kan., at Kansas City, Mo.

**POLLED DURHAMS.**  
Oct. 30, Jas. Wilson & Sons, Avoca, Iowa.

**SHORT-HORNS AND POLLED DURHAMS.**  
Oct. 3, Ed. Gray, Columbus Junction, Iowa.

**POLAND CHINAS AND DUROC JERSEYS.**  
Oct. 19, E. A. Olive, Scranton, Iowa.

**POLAND CHINA AND O. I. C. SWINE.**  
Oct. 23, F. G. Paul, Laurel, Iowa.

FIELD NOTES.

Buff Cochins, both new and old stock, are offered for sale on page 8 by Mrs. Amos Hanson, Collins, Iowa. Being overstocked with poultry, exceptionally low prices will be made to buyers. Write this advertiser for fuller particulars of the offering, mentioning this paper.

Mr. Wm. Bartlett, of Pierce, Neb., is one of the successful Chester White breeders in the West, and has an excellent crop of spring pigs this year. One of his sows raised a litter of nine pigs this year that averaged considerably over 100 pounds at four months. He will have some good things to offer the boys this fall.

Mrs. Margaret C. Daly, of Anamosa, Iowa, is now offering a few pens of good breeding Black Laughs in order to make room for her young stock. These pens consist of five hens and one cockerel and they are priced in the advertisement on page 8, as well as eggs from this breed of poultry. When you write kindly mention The Homestead.

Some fine Ohio Improved Chesters are offered on page 17 by Mr. H. C. Mehrling, Manson, Iowa. They include fall gilts, bred or open, mature sows and boars, all at prices that Mr. Mehrling believes should prove attractive. He is also offering some sheep which are as good as pure-bred, but cannot, however, be recorded. Write your wants, mentioning The Homestead.

Red Duke 185361, a six-year-old Short-horn bull, bred by Messrs. Alcott Bros., of Brucefield, Ontario, is offered for sale by Messrs. Reisser Bros., of Sanborn, Iowa. His sire was Vice Royal 140883 and his dam Susie 2d by Lindeu Chief. He will weigh 2,200 pounds, and as Messrs. Reisser Bros. cannot use him in their herd any longer, they will sell him for \$125. Anyone wishing such a bull should write them at once, mentioning The Homestead.

Mr. F. E. Garrett, who is doing great stunts in breeding Duroc Jerseys at Lohrville, Iowa, is now offering two splendid fall boars sired by I Am a Wonder. He also has others of equally noted breeding, among which are two out of the \$620 sow, Cambridge Girl. He also offers one yearling by Oriou, the old boy himself, and one by Proud Advance. In fact, he offers a little of something extra fine in different lines, and if you will write him he will be glad to tell you of his offering more in detail than we can. Kindly mention this paper in any inquiry you might make. See page 15.

Mr. W. J. Wendt, of Marcus, Iowa, has 160 Duroc Jersey spring pigs this year and they show up well at this time of the year. They are mostly sired by Wouder C., a son of old Crimson Wonder, and Lottie's Top Notcher, a son of Top Notcher Agaiu. Mr. Wendt is one of the well-known breeders in northern Iowa and if nothing goes wrong this year he will be in excellent shape to supply his trade this fall. There isn't a big-eared, ungainly pig in the bunch this season, and one could easily pick out the making of a good herd boar. Just keep your eye on Mr. W. J. Wendt and his crop of pigs this year.

With this week's issue we start the Duroc Jersey advertisement of Mr. J. S. Golder, of Scribner, Neb., who has one of the good herds in the West. He has 175 spring pigs, mostly sired by Gold Dust Critic 59403, one of the best sons of Glendale Critic, and other good boars. He writes as follows: "I have four good half brothers to the great Junior Jim which I think will make good boars. I don't care to sell anything until after September 1st, but I will have some good ones then, and they are bred in the best blood of the leading winners." If any of our readers want a pig they cannot do better than to book an order with Mr. Golder.

Messrs. Demme Bros., of Emerson, Neb., are young breeders of Poland China swine and Short-horn cattle and they are building up two good herds. At the head of their Poland China herd stands Ideal Tecumseh and Columbia's Standard, and the most of their spring pigs are sired by these two hogs. They have recently purchased a new boar to assist in the herd, and they are breeding him for fall litters. They have ninety spring pigs, together with about forty good fall sows, and these will be ready for their trade later in the season. At the head of their Short-horn herd is the three-year-old bull, Perfection, a son of Banner Bearer, purchased of Messrs. Lee & Prentiss. He is a thick-fleshed, low-down, blocky bull, with a nice head and horn, and he is doing good service in the herd. The boys have about fourteen head of registered cattle, but are building up as rapidly as they can. They

# I Cure Catarrh To Prove it I Will Send

To every reader of this paper or any of their friends having Catarrh of the Head, Nose or Throat or Constitutional Catarrh in any manner, shape or form.

## One Months FREE Medicine

This offer is the fairest, most liberal one ever made the readers of this paper. I want every person having Catarrh to accept it. I want to convince them that any form of Catarrh can be cured. I want to prove to those who have used many different remedies and failed to get the cure they wanted, that it was the fault of the remedy or treatment they used and not because their case is incurable.

My treatment is the right kind; I want to prove to every afflicted person that it reaches the cavities of the head, nose and throat, purifies the blood and penetrates every part of the body wherever Catarrh germs can possibly locate. That is the reason my treatment cures when others fail. It removes the cause first; then the symptoms. Then, and then only is the disease really cured. If that is what you want, write to-day.

### Send Your Name and Address For Free Treatment

A letter or on a postal card will do. Just say that you have Catarrh. I will send you the medicines you need for one month's treatment free of charge, without putting you under any obligations to me whatever. I simply want to show you how easy and quick Catarrh can be cured with my new system of treatment. Don't put this off but write to-day to

**DR. T. F. WILLIAMS, 408A Flynn Bldg., Des Moines, Ia.**



### "Hits the Bulls-eye of the Rockies"

**COLORADO - UTAH NEVADA - CALIFORNIA**  
"There and Back."  
Excellent Dining Car Service "Meals On Wheels—Serves you right."  
Through Standard and Tourist sleepers.  
**Daylight Across the Rockies**  
**MIDLAND ROUTE**  
**F. L. FEAKINS, GENERAL AGENT,**  
219 South 14th St.  
**Omaha, Neb.**  
C. H. SPEERS, G. P. A. DENVER

ter of seven sired by American Lad. These are very smooth. There are some tops in every litter raised this year. One of the best sow pigs ever raised is out of Peerless Block V by Crimson Wonder I Am. There is also a very fine boar pig in this bunch, the same quality as many other winners that have come from this herd. The dam of this pig is a daughter of Leo Tolstoy, a litter brother to Tientsin, the sire of the great sow, Ruberta. Mr. Davidson will have some choice boars to offer this year and the wise ones will make a journey to his place early enough to select a winner.

W. J. Stone, of Lyons, Neb., reports about fifty head of Duroc Jersey spring pigs this year. Mr. Stone usually has over 100, but this year the season was not just to his pigs' liking. He is endeavoring to make hogs of these, and will have a few choice things to offer the boys this fall. These are sired by the noted sweepstakes boar, Crimson Wonder I Am, out of an Iowa Wonder sow. He has three or four litters by Orion's Redeemer, and two litters each by Royal Pride and Logan Pride, both grandsons of the sweepstakes sow, Royal Blossom 5th. These pigs are all out of Proud Advance sows. There is also a litter by Capadura by Duroc Challenger, out of a granddaughter of Young John. Mr. Stone made a good sale last winter and he will be with the boys again this winter, and will also have some nice boar pigs for sale this fall.

One of the splendid herds of Short-horns that is building up in northeast Nebraska is owned by S. S. Hall, of Pender. Mr. Hall will be remembered as one of the breeders who made a successful sale at Wisner last fall, and the cattle that he sold there have given good satisfaction. He has about forty head in the herd, headed by the Scotch bull Morning Star. He is a son of Prince Gerald and out of the 1,600-pound cow, Roan Bess, considered one of the best cows in the herd of J. D. McDermott, Anita, Iowa. Including calves and he has about twelve to fifteen head of Scotch cattle, largely of the Duchess of Gloster, Orange Blossom and Butterfly tribes. Emily T., a straight Scotch cow, has two nice heifers by Royal Cup-bearer, and he has about ten calves so far this spring sired by Morning Star. Mr. Hall also has a superior lot of Scotch-topped cows in the herd and it is his intention to make it one of the most select herds in the state.

Chas. Warner, Pender, Neb., one of the well known breeders in northern Nebraska, has a nice crop of Duroc Jersey spring pigs this year, and will have some good boars for sale later in the season. These are sired by Gold Bug Jim and Bar None Hero. Mr. Warner's two herd boars, and he also has a number of litters by Grant Hero and Russell's Choice. He is now using West's



# PILES

## FISTULA--NO MONEY TILL CURED

R. Lattimer, General Merchant, Imperial, Neb., writes: "I will say that after sixteen months from discharge from your treatment for Ulcerated Piles of fifteen years' standing, I have had no recurrence of the trouble and consider that I am permanently cured. Eight persons of this locality with whom I am acquainted, have been cured by you, and I believe they will stay cured."

All diseases of the rectum treated on a positive guarantee and no money accepted until patient is cured. Send for free 352 page book, a treatise on rectal diseases and hundreds of testimonial letters, valuable to anyone afflicted. Also our 132 page book for women. Both sent free. Address either our St. Louis office or

DRS. THORNTON & MINOR, 1010 Oak St., KANSAS CITY, MO.

## Cut Out and Send This!

DRS. THORNTON & MINOR,  
1010 OAK STREET, KANSAS CITY, MO.

Send prepaid and free of cost to me, your new 352-page illustrated treatise on Piles, Fistula and Diseases of the Rectum.

Signed..... Town..... State.....

Duroc, a son of Noble King, and many of his fall litters will be sired by this hog. One of his best litters is out of Long Price, the sow that he paid \$113 for at Carey Cameron's sale last winter. The pigs are sired by Russell's Choice. Another good litter is out of his old brood sow Glendale, and the pigs are by Gold Bug Jim. He also has five good litters out of daughters of Old Acme and these are sired by Gold Bug Jim and Bar None Hero. Later in the season Mr. Warner will have something to say through the Homestead advertising columns, when we will again call our readers' attention to his herd.

Mr. Jas. P. Milliken, Media, Ill., is the owner of one of the good Galloway herds of the central West. At the head of his herd he has the noted prize-winning bull, Imp. McDougal 4th. He has probably won as many ribbons as any bull of the breed. His calves are showing up well this year. Mr. Milliken recently purchased an imported bull from the well-known breeder, Mr. O. H. Swigart. He is called Imp. Tarbroech Earl, by Great Scot and out of a daughter of Harden from a Scottish Borderer dam. Mr. Milliken is offering some good young heifers for sale, also a yearling bull, Baron of Corn Belt. The herd is founded upon correct lines and those interested in good Galloways will do well to write Mr. Milliken as per his announcement on this page of this issue. Prices are reasonable and the herd is worthy a visit from breeders in search of good breeding stock. Kindly mention The Homestead when writing.

Mr. Chas. Van Patten, of Sutton, Neb., writes us under recent date that his spring crop of pigs are doing fine and that he expects to be at the fair this fall with some extra good ones. He also states that his herd leader, Brooklyn Boy, is coming fine, and he considers him a hog that is sure to make his mark. He is the son of the great Keep On, having for his dam Lady Advancer, by the Great Advance. On this page of The Homestead will be found a photograph of his new hog house, which we consider a model hog barn and it might be well for those who are contemplating building a new hog house in the near future to write Mr. Van Patten for the plans for this house. It can be built at a moderate price, and affords abundant light, which is so necessary in starting the young pigs off on the right track. His this year's crop of pigs numbers about 90 and we wish to say that they are among the growthiest that we have looked at this year. He would be glad to hear from prospective buyers and he is sure he can supply your wants. When writing please mention The Homestead.

Mr. Geo. E. Patch, of Blandinsville, Ill., is offering some good spring pigs for sale at reasonable prices in his announcement on page 17 of this issue. Mr. Patch has in use in the herd the two-year-old boar Correct Mischief 40843 by Corrector 63379, dam Merry Maker 93561 by Mischief Maker 30216. This boar has produced some of the best pigs in the herd. A litter by him that attracted the attention of the writer is out of Maidette 87663 by Klever's Ideal 28438 by Ideal Sunshine 22985. Another litter by this boar is out of U. S. Sunshine 97661 by Sunlight 31130 by Perfect Sunshine 61129. One of the best sows in the herd is Miss Light 87662, she by Searchlight C. 66728 by Perfection Chief 30073. Her litter is sired by Grand Success 36881 by Perfect Success 29110 by Perfect Perfection 24235, dam Miss Tecumseh (65403) by Chief Tecumseh 2d 9115. A good litter of May pigs is out of Darleen (108570) by Top Chief. This litter is also sired by Grand Success. Mr. Patch has two good fall gilts by Grand Success and out of the sow mentioned above that he is offering for sale at \$20 each. These will do well in any herd. Mr. Patch prices his stock within the reach of farmers and will be pleased to hear from Homestead readers in the market for good Poland Chinas. Write him, mentioning The Homestead.

### RHODE ISLAND REDS.

On page 8 of this week's paper will be found the advertisement of Mrs. F. W. McIntyre, of Red Oak, Iowa, who offers chicks from standard Rhode Island Reds at \$3 per dozen. Write her and send her an order.

### ANGUS BULLS.

A few good yearling Aberdeen Angus bulls are offered for sale by Mr. M. B. Walker, of Clarinda, Iowa. These bulls are ready for service and are good individuals. He also offers a few good cows and heifers for sale at very reasonable prices.

### HEREFORD BULL FOR SALE.

A good young Hereford bull is offered for sale by Dr. E. W. Gammon, of St. Charles, Iowa, also some splendid polled Hereford bulls and heifers. He has one of the best-bred Polled Hereford herds in this country. Write him or go and see his cattle.

### FLYNN FARM SALE.

The well-known Flynn Farm Co., whose large and beautiful stock farm is situated nine miles northwest of Des Moines, Iowa, claim November 7th for their regular sale of Short-horn cattle. It is the intention to present at that time a class of animals fully equal and probably better than has ever been offered in previous sales. Every Short-horn breeder should pin this date in his hat and plan to be in attendance. More detailed announcements will appear in due time in our columns.

### McKELVIE'S POLANDS DOING WELL.

A recent letter from Mr. Homer McKelvie, of Fairfield, Neb., informs us that his spring pigs are coming along fine. He has quite a variety of breeding, having pigs from nine or ten good sires. Among them are sons and daughters of Grand Look 38405, the sensational yearling boar of 1906. There are also pigs by such boars as Expansion 67901, Blain's Tecumseh 2d, and many

other boars that have been among the leading producers of the Poland China breed. He states that he is ready to receive visitors or book orders for these pigs. Write him your wants and you will be properly treated if you place your order with him. When writing please mention this paper.

### IOWA FARMS TO RENT.

Renters should look into the offer made by a Laurens, Iowa, land firm on page 13. They have several farms to let out and will open negotiations to this end at once. They also have a nice list of farm lands in different parts which they will be glad to describe to interested parties. Write them to-day mentioning The Homestead. Address, The Allen Land & Loan Co., Laurens, Iowa.

Mr. J. C. Porter, of Ogden, Iowa, recently purchased of Messrs. Manley & Co., of Lyons, Neb., a son of Proud Advance to head his Duroc Jersey herd. In a letter to the above firm he writes: "Messrs. Manley & Co. Gentlemen.—The boar arrived last evening at 5 o'clock, in good shape, and he certainly is a good one. I am well pleased with him." This boar is a son of the great Proud Advance and his dam is the same breeding as the great sow, Alix II., the undefeated sweepstakes sow of 1905, and the highest-priced sow ever sold at public sale. This boar should do Mr. Porter a lot of good, as he is bred along the most popular blood lines.

### HERD BOARS FOR SALE.

Messrs. Manning Bros., of Chillicothe, Ohio, have one of the good herds of Duroc Jerseys to be found in Ohio. They have bought carefully and have paid good prices, and while they have not the largest herd it stands well in the front ranks. At the present time they are offering two good boars for sale. They are Top Sensation by old Sensation, and Czarina's Choice by Choice Goods, a boar that did much for the herd of Mr. Ira Jackson, and sired Golden Rule. The breeder of Durocs who is in the market for a tested sire will find in either of these two boars the kind that will suit the most discriminating buyers. Write at once for descriptions of the boars mentioned. They will be priced reasonably. Kindly mention The Homestead when writing.

### OREGON BREEDERS TAKE VALUABLE SHORT-HORNS.

Mr. N. C. Marris, of Portland, Ore., has recently made several valuable purchases of Short-horns for the herds of Mr. John H. Garrett, of Mountain Home, Idaho, and Mr. W. O. Minor, of Heppner, Ore. Included in the purchases was Golden Goods at \$3,500 and a heifer from the herd of Mr. H. C. Duncan, Osborn, Mo.; Viscountess of Fairview 6th from the herd of Purdy Bros., Harris, Mo. This was the junior champion heifer at the International show last December. Slippers, a roan two-year-old heifer, was secured from the herd of J. G. Robbins & Son, Horace, Ind. This is said to be the highest-priced female in the shipment. A young bull and heifer were taken from N. H. Gentry's herd at Sedalia, Mo. Mr. Marris attended the Thomas, Jameson & Mitchell sale at Kansas City and bought the show bull, White Goods, the two-year-old heifer, 47th Duchess of Gloster, and a cow with heifer calf at foot by White Goods. All go to the Northwest to be shown at the leading fairs on the western coast and for the improvement of the Short-horn in the West.

### DREAD NAUGHT 18229.

One of the splendid Duroc Jersey herd boars recently come to Nebraska is Dread Naught 18229. He is a son of the noted boar, Kan't Be Beat 10239, and his dam is Rubertha by Top Notcher by Orion II. He is a September yearling and was bred by Messrs. Watt & Foust of Ohio. The purchasers are Messrs. Manley & Co., Lyons, Neb.; John H. Tyron & Son, Lyons, Neb.; Geo. Blessing, Homer, Neb., and C. F. Kirk, Ponca, Neb. He was selected by Mr. Bert Manley after visiting all the leading eastern herds. He is a richly-colored, deep-bodied and well-lined hog, with good length of body, and excellent feet and legs. He has a good head and ear and a nice ham and is one of the smoothest hogs in the West. He will be brought along for the fall shows and the various breeders will have an opportunity of seeing him at the fairs. Messrs. Watt & Foust say he is the best hog ever turned off their farm. His dam was the dam of the first-prize two-year-old sow, one-year-old sow, under year and under six months sows at the New York and Kentucky State Fairs, and she is also a litter mate to the sow that won championship at the Illinois State Fair. Dread Naught was a

### TOO LATE TO CLASSIFY.

## 19 Fall Proud Advance Boars For Sale

ALSO seven Junior Jim fall boars and one good Orion boar for sale. These are all out of Orion Dandelion, and Proud Advance dams. If you are in the market for a herd boar, be sure to write us. We have the kind you are looking for. Address, **MANLEY & CO., LYONS, NEB.**

## EVERGREEN: HERD: HEREFORD: CATTLE

ST. ELMO 13th 92074, KEEP ON 23d 125151 AND TROT ON 181064 HEAD HERD. 20 Bulls 10 to 14 months; some fine material for herd headers in this lot. COWS and HEIFERS. Write for prices or come and see them, as we have the quality that will please you, and prices right.

KATER & SMITH,

GRANT CITY, MO., C. B. & Q. R. R.

## TWO SPLENDID FALL BOARS

Sired by I Am a Wonder, dam the \$1,500 Ruberta; two out of the \$620 sow, Cambridge Girl, litter sister to Ruberta, one yearling by Orion 5293; one by Proud Advance. Will also price a few sows bred to Tientsin, "Sire of Ruberta," prices right.

F. E. GARRETT,

LOHRVILLE, IOWA.

## 175 Duroc Jersey Spring Pigs.

Sired by Gold Dust Critic 59403, one of the best sons of the great Glendale Critic, and other good Duroc boars. Have five splendid half brothers to Junior Jim that will be ready to go soon. Address

J. S. GOLDER,

SCRIBNER, NEB.

winner of first prize himself at New York and Kentucky State Fairs. He is without doubt the best Kan't Be Beat ever seen in the West.

### SUTTER HAS A GOOD DUROC JERSEY BOAR FOR SALE.

Those in the market for a good yearling boar, should write Mr. Wm. Sutter, of Liberty, Neb. This boar is the son of the great prize winning Billy K. and having for his dam Vans Lady by Vans Perfection, the sweepstakes boar of three state fairs, and the sire of many of the highest price Duroc's ever sold at public auction, including the \$1,575 Rosebud Lady. He is extra well bred and from the looks of the spring crop of pigs now on Mr. Sutter's place that are sired by him he would be a profitable boar to be added to any good herd. Write Mr. Sutter for price and description. Mention this paper.

### TRYON & SON'S DUROC JERSEYS.

Among the many good herds in northeast Nebraska, is that of Messrs. John H. Tyron & Son, of Lyons, Neb. When the Duroc Jersey breeders in Nebraska could be counted on one hand, we first met the senior member of this firm, and he was buying the best things offered. Since that time he never was found guilty of purchasing an inferior sow. To prove our statement we need only mention that at their last sale they averaged \$116, and breeders were there from several different states. This year they have eighty spring pigs and a few fall gilts. These are sired by Junior Jim, Crimson Choice, W's King, Improver Lad 2d, Jumbo John, Mo. Gold Finch, Crimson Critic and other leading boars. A daughter of Glendale Critic has a splendid litter by Crimson Choice and a daughter of old Orion has a good litter by W's King. Lady Onward by Carmine Wonder (a half brother to Crimson Wonder) has a nice litter of six pigs by Improver Lad 2d, and a daughter of Dandy Orion has a nice litter by Jumbo John. Messrs. Tyron & Son own one-fourth interest in the boar, Dread Naught, recently purchased by four of the leading breeders in northeast Nebraska. They formerly owned an interest in Junior Jim and they always endeavor to keep in the front of the procession. They will have something to say to Homestead readers later in the season, and expect to have a lot of nice boars for sale about fair time.

### A PROMINENT LIVE STOCK AUCTIONEER.

Homestead readers, at least very many of them, have met Mr. F. O. Cubbage, of Battle Creek, Iowa, at many of the leading ring sides. Mr. Cubbage has been acting in the capacity of live stock auctioneer for many years and is a man of pleasing manner and possessed of ability in his chosen profession. Not only has he had plenty of experience, but is well versed in pedigrees of the various breeds of live stock, more particularly that of pedigreed swine. Mr. Cubbage has been putting up sale tents all over the state of Iowa for a number of years, and does so in a very able manner at very modest prices. He is making a striking announcement to the live stock breeders of the middle West when he offers his great sale tent, erected free of charge on any and all sales at which he is employed as auctioneer; and when not so employed will still furnish tents at very low rates. He has a great number of these sale tents and can accommodate quite a number of sales on the same date. He has a number of able lieutenants who will take charge of the other tents when such conditions arise. The Homestead takes pleasure in introducing and recommending Mr. Cubbage to any and all breeders who may need the services of a competent man, either as auctioneer or in the capacity of furnishing and erecting their sale tents. A line addressed to him at Battle Creek, Iowa, will bring speedy response as to terms, etc.

### BRIDGFORD & NESBITT'S POLAND CHINAS.

The firm of Poland China breeders, Messrs. Bridgford & Nesbitt, of Aledo, Ill., have long been known to readers of this paper as breeders of high-class stock. This season finds them with over 100 head of spring pigs by boars representing the best strains of the breed. In addition to the spring crop of pigs, they are offering for sale two of their herd boars and ten head of good brood sows, bred to farrow in July, August and September. One of the herd boars offered for sale is On the Dot 2d. This boar was farrowed in March, 1906, and has for his sire the noted prize-winner On the Dot, by On and On. He is the sire of many of the spring pigs and has proven himself a valuable breeder. The other boar for sale at this time is Young America by Keep On, Jr., by Keep On. He is also a spring yearling. These boars are offered for sale for no fault, but simply because the herd is not large enough to profitably keep four herd boars. They will be offered for sale at very reasonable prices. The sows represent some of the best strains of the breed and are bred to the herd boar, Young Delight, a grandson of Chief Perfection 2d, also the sire of many of the spring pigs. Bargain prices will be made on these sows. Write at once if in the market for sows bred for fall litters. Full particulars regarding this good herd later. Look up the announcement on page



Photograph of new hog barn, owned by Chas. Van Patten, Sutton, Nebraska.



15 and write for prices and description, kindly mentioning The Homestead.

#### RUSSELL'S DUROC JERSEYS.

On page 15 of this week's issue we begin the advertisement of Messrs. J. A. Russell & Son, of Corning, Iowa, who are building up one of the high-class herds in southern Iowa. They are fortunate this year in having 125 spring pigs sired by such noted boars as Ohio Chief, Crimson Wonder Again, Tip Top Notcher Jr., Prond Lady's Best, Higgins' Improver, Crimson I Am and Iowa Standard. They have five Proud Advance sows in the herd, two Ohio Chief sows, two Higgins' Model sows, two Orion and two Improver 11 sows. Readers of The Homestead who are wanting some of the good things should write them. Keep the Russell herd in mind when buying a boar and remember they will make a public sale on October 26th, when they expect to put in the very tops of their herd. Kindly mention The Homestead when writing.

#### FRANK'S DUROC JERSEYS.

Mr. Sol Frank, of Sioux City, Iowa, has about eighty nice, choice, even spring pigs on his farm at present. They are the get of King Solomon by Charlie Bly, Spotless Top Notcher and Ohio Chief Again. His grand show sow, Marie, has ten nice pigs by her side sired by King Solomon. In the entire eighty head there are only two of what you might call off pigs, the balance being very smooth and even, with good heads and ears. Mr. Frank also has a few very fine fall boars that he will sell. He also has a very choice litter out of a full sister to King Solomon by Crimson Wonder Jr., and two litters by Romeo by Meddler Chief. Mr. Frank has proved himself one of the best Duroc breeders in northwestern Iowa and he will be able to furnish as good Durocs as the best of them. Anyone wishing to purchase anything in this line can do no better than to correspond with or go and see Mr. Frank, mentioning The Homestead.

#### FANCY VISCOUNT TO NEBRASKA HERD.

Mr. Fred Case, manager of the Shadewell Stock Farm, Carthage, Mo., writes: "Mr. G. W. Post, of York, Neb., visited the Shadewell herd of Short-horns last week and while there bought the assistant herd bull, Fancy Viscount, sired by Lavender Viscount, and out of the grand imported cow, Fancy of Ardmore 2d, a cow that is probably as close to old Champion of England as any in this country. Fancy Viscount's mother while being a grand individual of the best beef type, is also an extraordinary heavy milker. We think Mr. Post got one of the best two-year-old show and breeding bulls in the West. Mr. Post had visited a great many herds in Iowa, Illinois and Minnesota before coming to Shadewell. Fancy Viscount was shown as a yearling, standing first in class at the Missouri State Fair and other shows. We feel that on the select herd of cows at York, Neb., he will prove a valuable investment. Our herd never looked better, as they are living as nature intended, in blue grass pasture up to their knees. Master of the Grove never looked finer, not excepting the day he carried off the grand championship honors. We have a select lot of Scotch bulls got by Imp. Roan President and Lavender Viscount that we are pricing worth the money and are satisfied they will please any on the hunt for herd bull material."

#### LEWIS' POLAND CHINAS.

A recent visit to the well-known herd of Poland China hogs owned by Chas. Lewis, Beatrice, Neb., found him busily engaged caring for what he considers the best lot of Poland China pigs he has ever raised. Most of these pigs are the get of the great toar, Norval Chief, a cut of which can be seen in this issue of this paper. Norval Chief was shown at Nebraska State Fair in 1906 and was good enough to win fourth in just fairly good condition. He is the son of Johnson's Chief, a first-prize hog at Nebraska State Fair and his dam was Nan Patterson. There are a number of good fall boars on the place by Norval Chief and among them are prospective herd headers. Norval Chief is assisted in service in this herd by Corrector, a son of Lawrence Perfection, and having for his dam Mary Ann by Lawrence Chief. He is a hog of much quality and as a breeder he is proving one of the best that Mr. Lewis has ever owned. One of the best prospects in the yearling boar class is the young boar Challenger, by Chancellor Win, dam Queen Perfection by Mischief Maker. He is of the type that would be a credit to any Poland China boar. This young hog will be among Mr. Lewis' show herd this fall. He has a number of extra good fall boars that he will price worth the money to early buyers. Write him and mention this paper.

#### SCHMIEDER'S POLAND CHINAS.

When many of the present day breeders were in their swaddling clothes, Mr. John Schmieder, of Remsen, Iowa, was breeding Poland Chinas. He has 125 head of spring pigs on the place this year, and they would be a credit to any herd. These are sired by Winning Perfection 105015, a boar bred by Mr. W. Z. Swallow, and also by Large Dude 116965 and All Dude 2d, his litter brother. Large Dude 116965 was a year old last April and is a son of All Dude 106413. Mr. Schmieder raised him and he is one of the best yearling boars we have seen this season. He has received several good offers for this boar, but has refused to price him. He may be seen at the fairs this fall. Mr. Schmieder also has a nice litter of six pigs by the great and noted boar, Corrector 2d, out of a Chief Perfection 2d sow. Every one of these is a boar, and any of our readers who want a Corrector 2d boar should speak early. One of his best and most growthy litters is sired by Winning Perfection and out of Good All Over, the dam of the yearling herd boar referred to above. There are four boars and two sows in this litter. Another splendid litter is sired by Winning Perfection and out of Best of 1904, the dam of the first-prize boar pig at the Interstate fair last year. This sow is the dam of four of the best fall boars he is now offering for sale. A very topdy litter is out of Maplewood Queen, sixth-prize sow at Des Moines, and the pigs are sired by L's Pride, a son of Perfection E. L. Just now Mr. Schmieder is offering thirteen good fall boars for sale, all sired by Winning Perfection and out of Proud Perfection Jr., and Moss Chief dams. He is pricing these right if ordered soon. He is also book-orders for spring boars, or he will sell a

few choice gilts or sows bred for fall litter. Read his advertisement on page 15 and when writing him kindly mention The Homestead.

#### CHAPEL HILL BERKSHIRES.

In conversation recently with the proprietor of Chapel Hill breeding establishment, Mr. W. D. McTavish, of Coggon, Iowa, remarked that the 125 young Berkshire pigs of spring farrow were all weaned and coming on nicely. We were much impressed with this bunch of pigs, as it was the best that we had seen thus far this spring, and among them is plenty of show-yard material. They are sired by three or four different boars, all strictly first class in every way. These pigs will soon do to ship out, and inasmuch as Mr. McTavish could not anywhere near fill his orders in 1906 for young boars, we would certainly advise our readers to have their orders booked early. In this same connection we might say that Mr. McTavish is now prepared to let go one of his choice yearling herd boars. As he will not breed heavily for fall litters one of them can be spared. He is a long-bodied, rangy hog, with splendid back, good on his feet and legs and has an ideal Berkshire head and ear. An attractive price will be made on this fellow if taken in the near future. The Homestead takes pleasure in recommending Mr. McTavish as one of the most honorable as well as one of the best breeders of Berkshire swine in America. His announcement appears at all times in these columns.

#### KATER & SMITH OFFER BULLS AND FEMALES.

Messrs. Kater & Smith, of Grant City, Mo., breeders of Herefords, have a change of advertisement on page 15 in which they offer young bulls ranging from ten to fourteen months of age. These are the get of St. Elmo 13th, Keep On 23d and Trot On. The older bulls are all sold. In this lot of twenty are many promising herd bull prospects. They also offer a number of cows and heifers all of high quality and well grown. St. Elmo 13th was got by St. Elmo and out of a cow that is strong in Anxiety blood. St. Elmo was a sire of show stock. Keep On 23d, the second herd bull, was got by Imp. Keep On and out of a Bean Real cow. He is one of the best sons of the great Keep On and as a sire he is among the best. Messrs. Kater & Smith think so much of him that they have retained one of his best sons, Trot On, which has for his dam a good Anxiety-bred cow as they own. The cows in their herd are the grand, matronly kind, short legged and thick from end to end. A large majority descend from original foundation stock that was strong in the blood of Lord Wilton. Among the later additions were cows by Hesiod 14th and Blue Grass. Today the herd has grown to such proportions that these gentlemen feel that they can spare some females and are offering young cows and heifers bred or open. Every animal they sell is of such quality as they are pleased to have the purchaser show and tell people that Kater & Smith were the breeders. These gentlemen invite your correspondence but prefer to have prospective customers visit the herd.

#### MANLEY & CO.'S MT. PLEASANT HERD DUROCS.

For many years our readers have been familiar with the herd of Messrs. Manley & Co., of Lyons, Neb. Few herds have produced more of the sensational ones than have come from the Mt. Pleasant herd. The names of old Peerless, Orion, Long John, Dandelion and Junior Jim are familiar to all those who have kept in touch with the best things of this breed, and now they have secured an interest in the splendid boar, Dread Naught 18229, a son of the great Kan't Be Beat, to follow up these other noted boars. We make mention of these herd boars because they have had so much to do in bringing the Manley herd to the front. About sixteen public sales in 1906 were topped off by sows that were bred or raised by the above firm, so it records count for anything they have had their share of the honors. They have about eighty spring pigs this year sired by Junior Jim, Advance Lad, Crimson Wonder I Am, American Royal, Kruger Lad and old Tientsin, the sire of Ruberta. They also have a grand lot of fall sows sired by the noted boar, Prond Advance, and they also have nineteen fall boars sired by the same boar. They are making a special run on the latter just now. These are all out of Orion, Long John and Dandelion sows. There is not one of these that has not had a well-bred dam for a mother. One of the best is out of a daughter of old Dandelion called More Profit. This fellow is a \$100 boar and the first man who sends the price gets him. There are several others, however, that are worthy a place at the head of good herds. If any of our readers want one of these they will have to write the above firm soon as they are in demand. They also have seven good Junior Jim boars for sale and a son of Orion, a litter mate to the sow that topped the Harris sale in Kentucky. Kindly mention this paper when writing.

#### McMAHON'S TOPPY DUROC JERSEYS.

A representative of The Homestead paid his respects to Mr. Albert McMahon, of Craig, Neb., and his herd of Duroc Jerseys, recently, and found everything flourishing on the place. There is not a more critical judge of a Duroc in the West nor a better buyer of the good things, as an inspection of his herd will show. He has ninety spring pigs this season and they are just as good as will be found. He has been using the boar, Agitator, a son of Proud Advance, in the herd and the most of the pigs are sired by him. This hog has been one of the best breeding sons of old Proud Advance, and he is the sire of a June gilt out of his great sow, Fancy Crimson by Crimson Wonder, that is one of the nicest things we have seen this year. Had this sow been farrowed in March she would have made good company to go in the junior yearling class this year. He has another good thing in his herd and that is his present herd boar, Defender, a son of Duroc Standard, the boar that headed the Stow & Gingrich herd at Hamburg, Ia. He is out of Proud Wonder by Proud Advance and was a year old March 26th. He is good in the bone and has lots of size for his age, and all around he is one of the good young boars that will be found in the state this year. He has several litters by him and it looks as though he is going to make good as a sire. He also has a litter by Orion's Redeemer and Russell's Choice, the latter hog being a son of old Crimson Wonder. One of

#### ABERDEEN ANGUS CATTLE.

## Holbrook Aberdeen Angus Breeders.

COMPRISING the allied herds of P. J., M. H. and Mike Donohoe and John and Michael Cash of Holbrook, Iowa. 200 head of choice Daddies within a radius of two miles of Holbrook. The International Champion Black Wood Lawn 42983 heads the herd. The following families are represented: Prides, Blackbirds, Ericas, Heather Blooms, Barbaras, etc. Other bulls used on the herd are Wood Lawn Blackbird Lad, Homestead Black Jun and Morning Star 2d. We can supply any class cattle desired. Come to Holbrook and allow us to convince you of this fact. Address any of the above breeders, mentioning this paper.

## PLEASANT GROVE HERD OF ABERDEEN ANGUS CATTLE

175 HEAD in the herd. 15 bulls for sale, 12 to 24 months old. Herd bulls, Imp. Pride of Aberlour 41201 Lowlander 21890, Newton Hero 46150 and Nugget of Cottage Grove 20th 68671. We can ship P. O. B. on the following roads: C. R. I. & P.; C. N. W.; C. M. St. P. & C.; C. & G. W. Address: DUNNING, JOHNSON & ALLEN GREEN, IOWA

his best litters at this writing is by Agitator out of Cherry Lady by Dandelion 2d. There are five sows and one boar in this litter and they are as Frank Iams would say "peaches and cream." Fancy Crimson, a daughter of Crimson Wonder, and one of the best daughters that he ever sired, has a nice litter by Agitator. There are five boars and two sows in this litter and there has always been a good come out to her pigs. Easter Maid, possibly the most profitable sow he has ever owned, has ten good pigs again this year by Agitator. This sow has saved forty pigs in four litters in two years. Princess Pauline by Oriou has a nice litter by Defender, as has also two daughters of Belle's Chief. Another very good litter is out of a Glendale Critic sow and the pigs are by Crimson Choice. American Lady by American Royal has nine pigs out of a litter of thirteen farrowed and these are by Masterpiece. A daughter of Top Pride out of Proud Addy, the sow that Mr. Will Stone sold for \$600, has six good pigs by Orion's Redeemer. There are others, but this is enough to show how he is hooked up this year. He will be in the boar business later in the season. He will make a brood sow sale on February 28th and Mr. McMahon will put up an offering that will be a credit to himself and his herd. His advertisement will be found in The Homestead later in the season. Write him and have him pick you out a pig. Mention the Homestead.

#### NORTHERN IOWA SHORT-HORN SALE.

Lovers of Short-horns residing in Iowa, Minnesota and the Dakotas should take notice of the fact that Mr. A. H. Brett, of Mason City, Iowa, will sell sixty head of Scotch and Scotch-topped cattle at Mason City, on July 11th. We are still without the catalog and cannot enter into detail concerning the breeding of this good offering of Short-horns. We can, however, say that there are several imported Scotch cows and a splendid bunch of two-year-old heifers. The entire lot of females are bred to the best of Scotch bulls and good results may reasonably be expected. As has been previously stated, the most excellent cows, Imp. Likely and Imp. Roan Ribbon, are included in this sale and are bred to a son of Imp. Merry Hampton. There are listed ten or a dozen bulls, all of serviceable age. Mr. Brett has endeavored in this offering to put forth a class of cattle that will not only be a credit to himself, but of such good qualities as to interest buyers from a distance. At the close of this cattle sale or immediately before it opens, Mr. Brett will sell four registered draft mares and one two-year-old registered Clydesdale stallion. These mares are all bred to the choicest of registered stallions of their respective breeds. There will be three Percheron mares and one Clydesdale mare. In inspecting this offering a Homestead representative was much impressed with the general thrift, healthy and vigorous appearance of all the cattle offered. These cattle will be sold fresh from the pasture and will not be overloaded with fat, but are presented in the best possible breeding condition. From an individual standpoint, which we must alone deal with at this time, the offering is a desirable one. In addition to the dozen or more Scotch cattle will be a fine supply of richly Scotch-topped ones that are fine propositions. The size of the offering will enable the ranchman to secure a car load without any difficulty. The Homestead's 7,000 readers in the Dakotas will doubtless be interested in this sale, as there are few countries better adapted for the growing of good cattle than are the Dakotas. The sale catalog should be ready for distribution before this article is read, and Mr. A. H. Brett will be pleased to mail them free of charge to all of our readers who make application for the same saying that they saw the advertisement in this paper.

#### SCOTCH HERD BULLS FOR SALE.

On page 18 of this issue of The Homestead will be found the new announcement of Mr. W. W. Vaughn's Wildwood herd of Shorthorns. At this particular time Mr. Vaughn is offering two special bargains in the way of Scotch herd bulls. One is an Orange Blossom eleven months old and weighs 1,000 pounds. Is solid red and is the ideal type for a strictly first-class herd bull. He was sired by Headlight 233913 and Headlight was by Imp. Red Knight. It will be remembered that he sired the young herd that won first honors at the International for Mr. N. P. Clark, of St. Cloud, Minn., also was the sire that sired the young animals winning the much coveted prize, "Get of Sire" at the same show and the same year. Headlight is a half-brother to the champion cow at the Portland Exposition, as well as the reserve champion. Headlight's dam was the splendid Secret cow, Imp. Strawberry 6th by Mountain Archer, she out of Imp. Strawberry 4th by Popsman. This beautiful young Orange Blossom bull referred to is certainly bred up in the purple and any one desiring a first-class herd bull should not overlook this fellow. His stable companion is the red bull Brawith Prince and belongs to the celebrated Cruickshank Brawith Bud tribe: his dam is a splendid cow, regarded as one of the best propositions in Mr. Vaughn's herd. This young bull was sired by Princess Hero of M. V. 173391. Either of these bulls are herd bulls that will do to tie to, as their breeding is fully up to their strong individual merit; it is doubtful if at any time Mr.

## 10 Aberdeen Angus BULLS FOR SALE.

Twelve to Fourteen Months Old.

Will sell at farmers' prices, \$100 gets a good bull. Prides, Queen Mothers, Heather Blooms, Rothermie Queens, etc. Address:

John E. Griffith,

WASHINGTON, IOWA.  
(Mention Homestead)

## Aberdeen Angus BULLS

A FEW yearling and two year old choice ones left. In O. K. condition. Price from \$100 to \$200. They represent Blackbird, Queen Mother, Erica and Drumlin Lucy breeding. Dams were bought at the Wallace-Jestlin dispersion in 1900. Known to be the best ever sold at auction. Am making this offer as I can't have public sale. Write or visit.

R. WILKINSON & SON, MITCHELLVILLE, IA.

#### PLEASANT HILL ANGUS.

SPECIAL prices for 30 days on 10 bulls, 20 cows and heifers, 12 with calves at foot. Bulls, calves and some of the heifers are sired by the Pride bull, Baltimore of Glendale 24275, a prize-winner and sire of prize winners.

J. Nissen, Meservey, Cerro Gordo Co., Iowa

#### High Class Angus Bulls

FOR SALE—An Erica, 22 months old, sired by Imp. Edward R. (61744); a Pride, 12 months old, and a 10 months old Blackbird, besides several younger ones. These are herd leaders. Address: W. H. JONES, QUMBY, IA.

#### GOOD ABERDEEN ANGUS BULLS FOR SALE.

THREE yearling bulls, two sired by South Oaks Baron and one by Blencoe; also a few good cows and heifers. Write M. B. WALKER, CLARINDA, IOWA

#### 7 YEARLING ABERDEEN ANGUS BULLS FOR SALE

FROM Willow Grove Farm, one mile southeast of Fayette, Ia. The above bulls are the best that I have ever bred. They are all out of heavy milking dams and sired by the Queen Mother bull, Major Midnight 17169. These bulls are priced at farmers' prices, and there is show yard material among them. Mention Homestead when writing. E. C. FUSSELL, Owner, FAYETTE, IA.

#### POLLED DURHAM CATTLE.

#### DOUBLE STANDARD

## Polled Durham Short-Horns

HERD headed by Secret Knight, he by the \$1,000 Idle Knight X 1374-159582. A few young bulls and heifers of this famous Polled breed for sale at reasonable prices. Farm five miles from town. We won 50 prizes at the Iowa, Nebraska and Kansas State Fairs this fall, including 21 firsts and 10 sweepstakes.

#### SHAVER & DEUKER,

Kalona and Wellman, Iowa.

#### ONE DOUBLE STANDARD POLLED DURHAM BULL, TWO YEARS OLD, FOR SALE.

THIS bull is red with little white, a splendid server, and is big bargain. Have used him some but he is too closely related to our cows. Address: Mack Stevens & Son, Iowa City, Iowa.

#### CHESTER WHITE HOGS.

CHESTER WHITES 100 extra early March pigs—Best of breeding—Will ship C. O. D. and prepay express to August 1st. Order early. 16 Ang. and Sept. gilts; very growthy and to farrow in August. Prices reasonable. MAPLEAWN FARM, W. M. Mercer, Prop., Aurora, Ill.

Fifty Chester White Boars and Gilts BOOKING orders for boars and gilts at any time. These are sired by Dandy Boy 12791, a full brother to Modeller, and out of my best sows. Address: E. J. Rodewig, Newcast, Nebraska.

Vaughn has had better value for the money asked than is wrapped up in these two young bulls. In addition to the sale of these bulls, Mr. Vaughn is pricing a car load of from fifteen to twenty young cows with calves at foot, or heifers bred. They are of the following families: Young Mary, Constance, Beauty and Orange Blossom. Those that are not Scotch have from three to seven Scotch tops and all are good milkers or from very heavy milking families. Certainly this desirable offering presents an opportunity to a beginner to get a herd of young cattle, all reds and bred to the best Scotch bull ever owned by Mr. Vaughn at bargain prices. The sale of these females is imperative, as Mr. Vaughn, Jr., who has been taking care of these cattle, will enter the Iowa Agricultural College at the next term and the elder Vaughn cannot possibly give these desirable cattle the care that they have been accustomed to; hence this sacrifice sale at this time. Homestead readers will do well to take notice of this offering.



CHESTER WHITE HOGS.

MAPLE GROVE CHESTER WHITES.

125 PIGS of March and April farrow by Prince O. K., Neponset Boy, Neponset Ed., Mear's Medium, Neponset Billie. Will ship at three months old. 25 extra good fall boars by Prince O. K., noted prize winning boar at Iowa, Illinois State Fairs and Inter-State Fair 1905. Write for prices.  
ERNEST L. MEAR, NEPONSET, ILLINOIS.

MODELER 13235

THE SENSATIONAL RECORD BREAKER OF 1906 AT HEAD OF HERD.

FOR SALE. TEN choice fall gilts, sired by W. F.'s Model 12101, safe in pig to Modeler for Aug. and Sept. farrow. Ten extra good fall boars, litter mites to above gilts, guaranteed as represented. Illustrated catalog free. W. F. HEMMERLING, DIKE, GRUNDY CO., IOWA.

James Fisher, Eastman, Wisconsin.

BREDED and shipper of the best strains of Chester White hogs. We now have over 150 March and April pigs of the large, mellow easy feeding kind that grow with lots of bone and finish. Write for Prices and Catalog.

IMPROVED CHESTER WHITE SWINE. AUGUST and September pigs for sale. Orders booked for spring pigs. Herd contains blood from famous boars, such as Combination, World Beater, Nashua Boy, Billy Boy 15223, a grandson of Luverne King 12757, heads the herd. Address, John H. Krehbiel, Donnellson, Iowa.

CHOICE YOUNG STOCK. O. I. C. Swine. Both sexes. Good shipping facilities. Write your wants. Visitors always welcome at Pleasant View Stock Farm. One mile out. H. C. Mehring, Hanson, Iowa.

A FEW GOOD O. I. C. May gilts, open, for sale at \$20. Boars all sold. Satisfaction guaranteed. Address, J. T. Scarff, Salem, Iowa.

Iowa Herd Chester White Swine

SOLD out of 1906 crop. Now hooking orders for spring farrow. Send your order early and get the best.

GEO. H. LAWSHE, R. R. No. 3, Harlan, Iowa

CAMERON HERD O. I. C'S. 150 HEAD in herd. Pigs by Perfection Chief 19239, a grandson of the great Jackson Chief and Chief L. 19070, a grandson of Sweepstakes. Sows also rich in blood of great winners. Orders booked now for choice breeding stock. W. B. Porter, Cameron, Mo.

J. J. LEHR Ransom, Ill., is offering 6 Chester White boars and 20 open gilts, October farrow, for sale at reasonable prices, sired by Springfield Chief, first prize winner, Illinois State Fair, 1906. Barred P. It. eggs, \$1.50 per 15. Mention Homestead.

HOME OF THE BIG WHITE HOG. 85 SPRING pigs on hand to supply the season's trade. I am hooking orders for spring pigs sired by Teddy R., 1st prize hog in class at Nebraska State Fair. I breed for size and quality. Write me your wants and mention The Homestead. F. C. Tatro, Geneva, Nebraska.

POLLED DURHAM CATTLE.

Botna Valley Herd Double Standard Polled Durhams

BULLS all sold large enough for service. Oct. 30 we will sell forty heifers and fifteen bulls, as good a lot of Polled Durhams as ever went through a sale ring. Forty head of them sired by Marshal of Orange, one of the good polled bulls. James Wilson & Sons, Avoca, Iowa.

HEREFORD CATTLE.

TWENTY-FIVE

Beau Donald Bulls. Sired by the great Beau Donald 12th 90957, one of the greatest Hereford bulls in America, and out of Wild Tom, Stone Mason, Cudillac, Archibald and Healed cows. Also have a few good bulls sired by Beau Brighton and out of Beau Donald dams. They are yearlings and two year-olds and are good strong fellows and some good herd headers in the bunch. Come and see them or write us at once. A. SPOONER, MONDAMIN, IA.

TWENTY-FIVE

YOUNG HEREFORD BULLS FOR SALE

RANGING in age from 6 to 20 months, all bred in the best blood of Anxiety 4th, and out of daughters of and granddaughters of Beau Brummel, Dale 3d and other noted bulls. We will also sell a few choice heifers, bred to St. Elmo of Shadeland 17th, weight 2,260 pounds. Write or come and see us. Address, HOOD & BAKER, DUNLAP, IOWA.

KATER & SMITH, Grant City, Mo.

BREEDERS OF HEREFORDS

ST. ELMO 13th 72074, KEEP ON 23d 125151 and TROT ON 181064 HEAD FIELD. 20 Bulls aged 20 to 24 mos. 20 Bulls just turning 1 yr. A thinning of range. Some herd bull material bulls cannot be found. Will be found among these. Come and see them as they are right every way. Visitors met at Grant City on C., B. & Q. or Sheridan on C. G. W.

G. W. Way & Son, New Sharon, Iowa.

YOUNG bulls, 6 to 14 months old sired by Beau Brummel 4th. Popular prices. Also a few cows and young females. Free conveyance to farm. Call at Way's Hardware Store. Mention The Homestead when writing.

Table Backed Herefords

THIRTY-THREE bulls from 12 to 28 months old. Five of them are herd headers. Prices about half what you would have to pay for the same individuality and breeding from others. Try me. W. W. Wheeler, Box 11, Harlan, Ia.

RED POLLED CATTLE.

Thoroughbred Red Polls for Sale.

OVER 100 head to select from. 25 bulls ranging from eighteen months down; also choice heifers, prices reasonable. Call or write, W. H. Seaman, Rural Route No. 5, Carl H. Van Evers, R. R. No. 1, or Gus C. Seaman, R. R. No. 5, all of Daveport, Ia. Telephone W. H. Seaman, 1935 M. 1.

THE WORLD'S LARGEST HERD OF RED POLLED CATTLE.

P. G. HENDERSON & SONS, Owners, Central P. City, Linn county, Iowa. Over 300 cows in our combined herds. A strong line of serviceable bulls now ready to ship. Mention The Homestead.

HEDGE LANE HERD OF RED POLLED CATTLE.

I HAVE five extra good large-boned Red Polled bulls for sale now. I breed for size and bone with quality. Write me at once. OTTO BOYD, Virginia, Neb.

Red Polled Cattle

BOTH sex for sale. Have show stock. Prices reasonable. Equal to the best. Kestel & Schrothberger, New Leux, Ill., or Gardner, Ill.

QUADY Lane herd of Red Polled cattle.

Stock for sale at moderate prices. Come see or address, G. W. Sharp, Marble Rock, Iowa. C. M. & St. P. and C. R. I. & P. Railways.

BERKSHIRE HOGS.

1907 Crop of Berkshires at Chapel Hill.

THE spring crop of big-boned English Berkshire pigs, has been arriving at Chapel Hill for some time, and to my Homestead patrons and others who wrote for boars and brood sows bred, only to find me entirely sold out, I would say "get your orders in early for the present crop." Address, W. D. McTavish, Coggon, Iowa

REGISTERED POLLED HEREFORDS

FOR sale. 25 head of choice heifers and young cows and a few young bulls old enough for service. Come and see the cattle or write. 100 head in herd. D. & J. McCARTY, Winthrop, Iowa

A GOOD YEARLING HEREFORD BULL FOR SALE

CITIED by Polled Assurance 193115, the most noted double standard Polled Hereford bull in America. Polled Hereford Bulls. I have a number of young Polled Hereford bulls for sale also. Address, Dr. E. W. Gammon, St. Charles, Iowa.

MAPLE LAWN HEREFORDS

FOR sale, (Imp.) 1914 145736, and also choice young bulls, ranging from 11 to 24 months old, well bred, and good individuals. A. F. HAGER, AVOCA, IOWA.

POLAND CHINA HOGS.

BOARS and BULLS

GOOD substantial young Poland China boars from 50 to 200 lbs. A choice lot of sows bred for August and September farrow. Scotch topped red Short-horn bulls from 10 to 13 months old. All royally bred and at bargain prices. J. L. SLICK, Lanark, Ill. On C. & St. P. Ry., 120 miles west of Chicago.

ELERBECK'S POLAND CHINAS

HERD headed by Logan B., a hog of great size and bone. I breed for size and quality combined. 75 good pigs on hand to supply the season's trade. Get your order in early. When writing please mention this paper. J. T. Elerbeck, Beatrice, Neb.

GEO. E. PATCH, BLANDINSVILLE, ILL.

POLAND CHINAS, BOTH SEXES, ALL AGES. WRITE YOUR WANTS.

When writing to advertisers please mention this paper.

POLAND CHINA HOGS.

MEDDLER FALL BOARS AT BARGAIN PRICES

OUT of Chief Perfection 2d, Perfect Darkness, Ohio Perfection and Impudence Dams. MUST BE SOLD to make room for show herd and spring pigs now on hand.

H. J. HEMMERLING, DIKE, GRUNDY CO., IOWA

Mention The Homestead.

TWO YEARLING MEDDLER BOARS

FOR SALE. Sired by the great sweepstakes wonder Meddler 99999. Also one by Perfection I Know 33192, and a few fall boars sired by our Dude's Wonder 42564 and Happy Meddler 31334. Also hooking orders for spring pigs sired by our great herd boar L. & W. Perfection and Independence 3d, Dude's Wonder and Perfection L. & W. Address, WM. RAY & SON, DEFIANCE, IOWA.

BEATRICE HERD OF POLAND CHINAS

HERD headed by Norvall Chief by Johnson's Chief. I have a number of good fall boars that are prospective herd headers. Will price them worth the money if taken at once. Write me and mention this paper. CHAS. LEWIS, BEATRICE, NEB.

10 SPLENDID FALL POLAND CHINA BOARS FOR SALE

I AM offering 10 of the tops, the best I have ever raised. These are big boned fellows, are sired by Red Oak Sunshine 104637, and are out of my best sows. I am also offering 10 fall sows for sale, bred to my noted boar P. W. Giant. I am offering the choice of these boars for \$30 and \$40. Address F. W. McIntyre, Red Oak, Iowa.

WILCOX HAS BRED SOWS FOR SALE.

M. R. Gerald Wilcox of McCook, Nebraska, offers a choice lot of Duroc Jersey and Poland China bred sows at reasonable prices if taken at once. Write him and mention The Homestead.

HORNUNG'S BIG BONED POLAND CHINAS

I HAVE 75 good pigs on hand at present to supply the spring trade. They are of the most fashionable strains, and among them are prospective herd headers. I will book your order for a good one at once if you want your pick. Nothing but the very best will be shipped. Write me and mention The Homestead. ERNEST HORNUNG, RAYMOND, NEB.

POLAND CHINA BOARS

OF the big-boned growthy kind, nice head and ears, sired by a boar with a 10 1/2-inch bone and out of mature dams. They are an extra good lot and will be priced right. Also one yearling that is hard to heat. A big-boned showy hog good enough to head a good herd. O'Brien Bros., Waukon, Iowa.

BIG-BONED PROLIFIC POLAND CHINAS

I HAVE 115 fine Poland China pigs on hand at present which represent the most fashionable bred strains. I breed the big-boned, big litter kind that are always in demand. Write me for prices and let me hook your order for a good pig. H. L. McKelvie, Fairfield, Neb.

POLAND CHINA FALL BOARS FOR SALE

I HAVE a number of good useful boars that I will price at a very reasonable figure and among them are some prospective herd headers. I will also offer my herd boar Neb. E. L., he by Perfection E. L. He is a good individual and a wonderful breeder. Write me for prices and mention The Homestead. E. F. Jackson, Raymond, Neb.

STANDARD HERD of Poland Chinas.

I have a fine bunch of pigs on hand at present, mostly the get of my herd boar, Dude's Wonder, he by the great Nemo I's Dude. I keep nothing but the lending strains and will be glad to hear from anyone looking for good prospective stuff this fall. Write me or call and see the herd. John Schmal, Sutton, Neb.

JERSEY CATTLE.

JERSEY CATTLE.

EMANON was Champion at Iowa state fair and Sioux City Exposition last year, and Grand Champion at National Dairy Show, Chicago, Iowa and Minnesota state fairs this year. We are offering a few of his Bull calves out of Imported and St. Lambert Cows. Also 25 females, cows or heifers. HUNTER & SMITH, BEATRICE, NEB.

HORSES.

**PINE RIDGE STOCK FARM**

Has the biggest and best barn in the United States and it contains the BIGGEST and BEST lot of Percheron and French Draft Horses.

The last chance to obtain a colt by SAMSON 27238, as his last colts are now yearlings. Over 150 head of horses showing more bone, size and quality than any similar number in America. TAVERNIER P. 35719 and F. D. 12610 now at head of the stud. Prices below competition.

Burn at Moose Jaw, Sask., Can., in charge of E. E. Muxey.

L. M. HARTLEY, SALEM, IOWA.

LEFEBURE'S BELGIANS

BELGIAN STALLIONS and mares, imported and American bred, on hand and for sale at all seasons of the year. Henry Lefebure is now in Belgium making his selections for a choice importation to arrive about July 1st. Catalog free. Henry Lefebure, Fairfax, Ia. 8 miles west of Cedar Rapids.



Draft Mares For Sale

THE IOWA STATE COLLEGE is offering for sale three good draft mares—one pure bred English Shire and two high grade Shires, with foal or colts by their side. Prices reasonable. Address: DIVISION OF AGRICULTURE, Iowa State College - AMES, IOWA

Percheron Stallions FOR SALE.

LORD TENNYSON 48208, 2,200 lbs., iron gray, one of the best horses in the west; four years old; measurements: girth, 7 ft. 11 inches; 17 1/2 bands high; fore arm 24 inches; hind arm 25 inches. All right in every way. HORDEAUX, coming three, black, weight 1750 lbs., and an excellent colt. Also have a good Percheron filly for sale. Address, J. S. COLDER, SCRIBNER, NEB.

Headquarters for Imported Percheron, Belgian, Shire and Coach Stallions.

WE will soon be in Europe searching for another shipment of those high-class European stallions, such as have made our reputation during the past few years. A few stallions still on hand and for sale on our special bargain plan. Mention Homestead. Address, Champion Bros., Clinton, Iowa

SHIRES, PERCHERONS, BELGIANS—Imported horses, \$1,000; home-bred stallions, \$250 to \$750; also Shire mares. A. LATIMER WILSON, successor to L. Banks Wilson, CHESTON, IOWA

IMPORTED and Home Bred Draft Stallions and Mares for sale. Geo. W. Bilbo, Creston, Ia., successor to Bilbo & Wilson, also Bilbo & Van Patton.

FOR SALE AFTER JULY 1ST. REGISTERED Shire stallion four years old. D. K. Winter, Maryville, Missouri.

When writing to advertisers please mention this paper.

SAFETY IMPREGNATING OUTFIT

Gets in foal all mares bred with it and greatly increases the income from your stallion. Durable, easily used and GUARANTEED to produce results. A necessity for every horse breeder. Can YOU afford to be without one? Price, \$7.50. Write for descriptive circular. I. O. CRITTENDEN, 35 FOX BLDG., ELYRIA, OHIO.

FOR SALE OR TRADE.

A GOOD young black Jack, coming three, and a big, home bred stallion; will weigh 1,800 lbs., a worker and sound, coming five years old. Buy from the breeder, not the dealer. BERT FRY, PLAINFIELD, IOWA

PERCHERONS FOR SALE.

IMPORTATION of 20 head of Percheron stallions and mares arrived May 30th. Now have 24 head of imported and homebred stallions and mares for sale. All stock registered in Percheron society record. Maasdam & Wheeler, Fairfield, Iowa

IMPORTED Shire, Belgian and Percheron stallions, \$1,000. Home bred draft stallions, \$250 to \$500. Hart Bros., Osceola, Iowa.

I WANT to buy good grade draft Stallions and Mares from one to 5 years old Black Normans preferred. Address: E. B. Thompson, Cumberland, Ia



GALLOWAY CATTLE.

WE HAVE

5 Young Galloway Bulls

EXTRA GOOD, RECORDED.

Will price cheap for quick sale.

Also eggs from exhibition Barred Rocks, chicken or pullet mating, \$2.00 per 15.

W. W. SCHOLES, - ONAWA, IOWA

SHORT-HORN CATTLE.

Lawndale Short-horns

SCOTCH and Scotch topped, the best families represented. Imp. Augustina 51st, Victorius, Emma, Orange Blossoms and Alexandra, Young Marys. Scotch bulls old enough for service all sold. Some extra Scotch topped bulls for sale, will weigh about 1,000 pounds at year old, sired by the good Scotch bull, Victor Royal 216553. Will be sold right to make room for the young calves. Address

George A. Bonowell, - Grinnell, Iowa

CATALOG

Of Young Bulls For Sale

Is Now Ready.

ALL good individuals, combining milk and beef strains, with good Short-Horn pedigrees. Address,

FLYNN FARM COMPANY,

Room 316 Flynn Building,

Des Moines, - Iowa

SCOTCH BULLS

Got by

IMP. MUTINEER 172547.

MUTINEER is of Murr's Missie tribe and was got by Bapton Chief and out of Imp. Missie, 16th dam of White Bull Marshall. They are fine individuals, good colors. I will also price right a few females bred to or got by Mutineer. Write your wants.

A. C. BERRY, - Unionville, Mo.

Wayside Short-horns

100 HEAD in herd. Will make attractive prices on some cows and heifers bred to Money Music and Hopent Knight. Bulls for sale at all times.

G. H. BURGE, - MT. VERNON, IOWA.

FAIRVIEW SHORT-HORNS

I HAVE for sale one three-year-old Cruickshank and one yearling Cruickshank topped by my great bull, Winfield Royal. These are beautiful red bulls and well enough bred to head any herd. Also a few Scotch-topped cows and heifers for sale.

M. D. Yard, - Crawfordville, Iowa

Marshal Favorite For Sale

SHIRKED by Imp. Fashion Favorite 149580, dam Imp. S. J. Red Head. Will be two years old in December. Red in color and a good young bull. Also a few young bulls for sale. Address,

J. D. McDERMOTT, - WIOTA, IA.

TWO GOOD SHORT-HORN BULLS

FOR SALE at the Pike timber stock farm. Both red Scotch topped young Marys, one a yearling, the other nearly two years old.

T. A. DAVENPORT, - BELMONT, IA.

4 SCOTCH BULLS

Three straight Cruickshank.

These are bred in the purple and are good enough to head any herd. Come and see them.

C. W. DAWS & SON, - Harlan, Iowa

PLAIN VIEW STOCK FARM.

SHORT-HORN CATTLE AND DUROC JERSEY HOGS. Twelve red Short-horn bulls for sale. Geo. A. Hain, proprietor, Newton, Iowa. Farm two and one-half miles north-east of town. Phone connection.

BEAVER CREEK SHORT-HORNS.

SCOTCH BULLS for sale. I am offering as fine a bunch of Scotch bulls as I have ever raised. They vary in age from a few months to two years. A catalog giving the pedigree of each bull will be furnished upon application. Address,

N. A. LIND, - Rolfe, Iowa

SCOTCH TOPPED SHORT-HORNS

FOR SALE—Six good bulls from 6 to 18 months old. Poland China Hogs.

Jas. E. Stephenson, - Albion, Iowa

Otter Creek Stock Farm.

HERD BULLS.

3 Scotch Herd Bulls 3

AT MALAKA FARM.

Two Reds, One Roan. Rare Bargains.

H. D. PARSONS, - NEWTON or BAXTER, IOWA

BARGAINS IN SHORT-HORN BULLS.

EIGHTEEN serviceable Short-horn bulls for sale at bargain prices, principally all reds, including several Scotch bulls, in ages from 12 months old and upward. JESSE BINFORD & SONS, Albion, Iowa, or Lascumb, Iowa.

QUEEN MILLS HERD SHORT-HORNS.

HAMPTON'S COUNSELOR 264533.

ONE of the greatest sons of Hampton's Best at head of herd. The leading Scotch and Scotch-topped families in herd. Address,

G. H. WHITE, - EMERSON, IOWA

BACH GROVE STOCK FARM.

F. M. ZENOR, WOOLSTOCK, IOWA

Breeder of Short-Horn Cattle.

Families represented: Princess Royal, Duchess of Gloster, Mysie, Ryan Bess, Lavender, Orange Lass, Nellie Bly's and Pure Bates Cattle. Phone No. 804.

SHORT-HORN BULLS AND HEIFERS

FOR SALE: Also 3 D. S. Polled Durham Bulls, ready for service. Cows with calves at foot. One good Poland China Boar 11 months old. Prices such as will sell stock. P. S. & S. Barr, Box 11, R. 4, Davenport, Ia.

WILLIAM REED

PLEASANTVILLE, IOWA.

EDITOR of Short-horn cattle. 175 head in herd. Will sell 50 head quick. Farmer's prices. Write or write

9th ANNUAL SALE

OF

SHORT-HORN CATTLE

AND

PERCHERON and CLYDESDALE HORSES

FROM THE

Willow Lawn Stock Farm

TWO MILES SOUTH OF

Mason City, Ia., July 11, 1907

60 Head imported Scotch and Scotch-topped cattle.

15 pure Scotch--two imported cows.

10 bulls--20 calves at foot.

2 Clydesdale stallions and one mare, all recorded.

2 Percheron stallions, weight 1,700 to 2,040 lbs.

3 Choice Percheron mares, wt. 1,600 to 1,800 lbs.

1 Four-year-old Percheron mare with fine colt and re-bred.

For catalogs address,

A. H. Brett, Mason City, Iowa

AUCTIONEER, A. P. MASON.

SHORT-HORN CATTLE.

ARDMORE

BERKSHIRES and SHORT-HORNS

WE offer for sale or trade for good Scotch heifers, Imp. Lord Mount Stephen 208904, one of our Missie herd bulls (sweepstakes bull Interstate Fair, Sioux City, 1904, first in class 1905 and fifth in class, American Royal, Kansas City, 1905.) Just past six years old. In good health and condition, quick and sure, fully guaranteed. Sold only because we have more herd bulls than we need, and need more good heifers. Write for pedigree. Young Scotch bulls for sale now—a Victoria, twenty-one months old and a Lavender just three years old by Imp. Scottish Pride 128543 and a Miss Ramsden by Imp. Lord Mount Stephen, twenty months old. All are reds. Also some good Scotch topped bulls at \$100 and \$125. Berkshire boars—large, thrifty, big boned, good headed, thick, March and April pigs with plenty of length and the kind of bodies that fill the pork cellars. Also some sow pigs, ditto. All at prices that are low, to move them, as we need the room for our later pigs, and the fine bunch of Berkshire sows bought the other day. You can get better value for less money by buying a choice weanling boar pig now and raising him yourself, than by waiting till November to buy. Address, ARDMORE STOCK COMPANY, HOLSTEIN, IOWA

ALL RED SHORT-HORN BULLS

FOR SALE

Got by Imp. Cypress 2d 191756, a 2,400 pound bull got by Cypress by Wm. of Orange.

J. W. McDermott, Kahoka, - Missouri.

P. S. These bulls must go at once.

COWS AND HEIFERS

BRED TO

FAIR GOODS 253391.

SON of the Champion Choice Goods and out of the great A. Roberta. I am pricing the bulls to farmers, and range men at such prices as will move them. All are good, strong, useful fellows, ready for service. The cows and heifers are rich in the blood of Grand Victor, Imp. Nonpareil Victor and Imp. Cypress. Bred to Fair Goods; they will prove great bargains. Write me or come and see the stock.

A Cruickshank Herd Bull For Sale

VICTORIA'S PRESIDENT OF M. V. 208996. Red, 4 yrs. old, weight 2,400, sure, quick server; splendid breeder of red calves. We have bought Cherry Grove Bull to use on above bull's heifers. His sire is Prince Nonpareil 131222; dam, Victoria 87th by Imp. Craven Knight; 2d dam, Imp. Victoria 81st by Gondolier; 3d dam, Victoria 77th by Dunblane; 4th dam, Victoria 57th by Barmpton Prince; 5th dam, Victoria 41st by Lord Privy Seal; 6th dam, Victoria 39th by Champion of England. He has few equals and will make strong show at International if fitted. Address,

McKEEVER BROS., - FARLEY, IOWA.

TWO RED CRUICKSHANK HERD BULLS

FOR SALE

I WILL offer for the next few weeks two of the best young Scotch bulls ever bred at Wildwood. One is an Orange Blossom, eleven months old and weighs 1,000 pounds. Sired by Headlight 233913. The other is Brawth Prince, twenty months old, sired by Princess Hero of M. V. 175881. Brawth Prince is a Cruickshank Brawth Bud. Either of these bulls are fit to head good herds; the younger one is a show bull. I will also sell one carload of strictly choice yearling two year old heifers and young cows with calves at foot. Bargain prices will be made on the above, and remember that the "early bird catches the worm." Address,

W. W. VAUGHN, - MARION, IOWA

NORTON'S

Cruickshank Herd Headers

I HAVE two excellent Duchesses of Gloster bulls, a very choice Barmpton Rose, a Rosemary and several others, sired by Imp. Bapton Admiral and Bunker's Victor. I also have some Secrets, Lavenders and Charity tribes. Come and see me.

G. C. NORTON, - CORNING, IA.

SHORT-HORN HERD HEADERS

Cookson Bros., West Branch, Iowa,

Breeders of Scotch Short-Horn Cattle.

WE have a few strictly choice straight Scotch Short-horn bulls now ready for service, sired by Young Commodore, conceded to be the best Short-horn bull in Iowa. The best Short-horn bull that we have ever raised is now on our farm and is open for inspection. Come and see the herd. Mention The Homestead when writing.

SHORT-HORN CATTLE.

CRUICKSHANK

....Herd Bulls....

FIVE Top Notchers, four reds and one dark roan, one Lavender, one Victoria, one Dorothy, one Marry Anne and one Splenwort or Secret. These bulls will compare favorably with the best. If you have any doubt, say, just come and we will take pleasure in showing you. We are from Missouri.

ISAAC A. NOVINGER & SONS, - Kirksville, Adair Co., Missouri.

SCOTCH BULLS

FOR SALE

I AM offering two splendid young Victoria bulls for sale sired by Golden Champion 138590, also an Acanthus and a Miss Ramsden. I have a few good Scotch topped bulls that I am pricing right. Write or come and see me.

E. FUNKE, GREENFIELD, IOWA.

Scotch and Scotch-Topped

HEIFERS FOR SALE

A very reasonable price to move them at once. These heifers are from best cows in herd. Imp. Ronn Archer heads herd. Write for private catalog.

W. H. SCHAFER, KEANSBURG, - ILL.

BULL BARGAINS

From The Jones County Herd of SHORT-HORNS.

10 CHOICE yearling bulls for sale at bargain prices. These bulls are by Sittytton Sort 178649. They must be sold to make room for our sale cattle to be sold at auction Oct. 2d. Our herd bulls Sittytton Sort and Wampum of Wayside 243046 are conceded to be among the best Scotch bulls in the state.

G. P. Tyrrell & Son, Oxford Junction, Iowa.

CRUICKSHANK

Bulls and Heifers For Sale

WE have on hand a few choice herd heading Scotch Short-horn Bulls, of the low down beefy type, and a fine bunch of 20 head of yearling and two year old heifers of best Scotch tribes, mostly reds and all bred.

I. BARR & SON, Davenport, - Iowa.

HUGHESDALE

REAL DUAL SHORT-HORNS

HOME of Rowena 2d, champion dual purpose cow at St. Louis World's Fair and other equally heavy milkers. Her yearling son and other bulls for sale. Viscount of Anoka, champion show and breeding bull of America for 3 years heads herd. Write me. H. J. Hughes, - Trenton, Mo.

FAIRVIEW STOCK FARM.

Short-Horn Cattle, Poland China Hogs

AND

BARRED PLYMOUTH ROCK CHICKENS

Good Individuals a Specialty.

Eggs from our excellent flock for sale at right prices. Also sale in the fall.

Address C. E. McCOLLOUGH, HUMESTON, IA.

SHORT-HORN

CATALOGS

COMPILED and printed. Over 30 years experience with pedigrees until August 1st. Reduced prices on letter heads, envelopes and business cards for stockmen. Write for samples and prices.

FRANK P. HEALY, Bedford, - Iowa.

CHOICE SHORT-HORN CATTLE

FOR SALE.

I HAVE for sale both bulls and heifers, some choice Short-horns, sired by Scottish Baron. Address, J. H. MOYER, - Newton, Iowa

Walnut Grove Short-horn & Poland Chinas CLEAR The Way 231482, winner 1st in 2-yr-old class / and 1st as Ia. Cham. Ia. State fair, '05 heads herd. Herd heads Defender 38447, by Corrector 63879, one of the greatest sires known to the breed, and Billy Sunday 83621, a very large boned hog of equal merit. Young stock for sale. J. T. Judge, Carroll, Iowa.

G. H. George, Monticello, Ia., breeder of Scotch Short-horn cattle and Standard Bred trotting horses. The Scotch herd and show bull Kingmaster is for sale. Also 4 younger bulls, fit to head any herd. Scotch Consul 181231 heads my herd. Five daughters of Imp. Red Knight, 5 Victorias, 2 Imp. cows and other Scotch and Cruickshank families.

SCOTCH SHORT-HORNS. For sale, four good Scotch bulls. Jordan & Dunn, Central City, Ia. Maine Valley Stock Farm.

LIVE STOCK AUCTIONEERS.

C. C. KEIL, LADORA, IA., LIVE STOCK AUCTIONEER.

FIFTEEN years' experience and a thorough knowledge of pedigrees. Prices reasonable. Also breeder of Short-horn cattle and Duroc Jersey hogs. Write for dates, mentioning The Homestead.

LIVE STOCK AUCTIONEER.

I OFFER my service as live stock auctioneer, with experience and well versed in pedigrees. A specialty in hog sales. My large sale tent is furnished free where I am employed as auctioneer, and at very low rates when not so employed. Address, L. O. Cabbage, Battle Creek, Iowa.



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CULTURE AND ORATORY.ALL BRANCHES TAUGHT.  
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AM selling for the best breed-  
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the most reasonable prices. My  
large sale tent free to parties de-  
siring it. Speak English, Ger-  
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Phones—Office, 430, residence, 312MISSOURI  
...AUCTION SCHOOL...Graduates selling in  
10 States.  
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All branches taught.

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W. S. KARNAGHAN,  
AUCTIONEERPEDIGREE live stock, Duroc Jersey and Poland  
China a specialty. Fifteen years a breeder and  
salesman. Write me before claiming dates.

382 Schuyler Ave., - Kankakee, Ill.

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LIVE STOCK AUCTIONEER.  
I am posted on pedigrees and want  
your sales of cattle, hogs or horses.

## F. H. JACKSON, Rutland, Ill.

LIVE STOCK AUCTIONEER.  
PEDIGREE stock sales a specialty. Satisfaction  
guaranteed. Terms reasonable. Write for  
dates.C. E. LUTHER,  
GRAND JUNCTION, IOWA.  
LIVE STOCK AUCTIONEER.  
Sales in six states. Terms reasonable.Geo. P. Bellows  
AUCTIONEER, Pedigreed Live Stock.  
MARYVILLE, - MO.R. W. BARCLAY  
Livestock Auctioneer, Mason City, Iowa.A. V. LOCK, REMINGTON, INDIANA  
Live Stock Artist.  
Work satisfactory. Prices reasonable.

## DUROC JERSEY HOGS.

W. L. A.'s CHOICE GOODS  
Holds Iowa Banner Herd of DurocsHE carries the blood of the greatest hogs known  
to the breed and is pronounced one of the real-  
ly great breeding hogs in all "Duroc-dom."

DANDY ORION 33879

An Orion-Loug John hog assists him in the herd.  
Four fall hogs and the finest string of spring stuff  
ever produced by us now on hand. Write or come  
and see the herd.

W. L. ADDY &amp; SON, PARNELL, MO.

60 DUROC JERSEY  
PIGSCURED by La Fayette 35563; others sired by Wil-  
son's Top Notcher. A nice string of fall stuff,  
sired by College Chief. Visitors welcome. Write us  
for prices.

D. R. WILSON &amp; SON, Redfield, Iowa

## Prolific Herd of Duroc Jerseys

I AM offering some very promising male and fe-  
male pigs sired by Billy K., Medoc, Forty Kings  
Billy K. Jr., and Frank's Choice by Belle's Echo.  
Can give you good herd leaders at prices to suit pur-  
chasers. Address: G. Van Patten, Sulton, Nebraska

## DUROC JERSEY HOGS.

## OAKDALE STOCK FARM

A. E. MARTZ, PROP.,

LIBERTY, - - - NEBRASKA.

## DUROC JERSEY SWINE

100 GROWTHY SPRING PIGS ON HAND 100

THESE pigs are mostly from Junior Jim 30437 sows and  
sired by Willie M. 48343 by the prize winner Billie K. 20373,  
others by Martz's Top Notcher 54987 by the world's cham-  
pion Tip Top Notcher. Pigs shipped on approval. Write me  
for prices for Sept. delivery. Get your order in early.  
First in first served.

## PENNYRILE HERD OF DUROCS.

HOME of Commodore 13351, the greatest boar of the breed, assisted by Top Notcher 10th, Sensation 9th,  
and Commodore 3d. Orders now booked for spring pigs. All others sold. Address.

AMOS W. HARRIS &amp; SONS,

WAVERLY, KY.

## AMERICA'S GREATEST DUROC HERD

Owned By S. E. MORTON &amp; CO., CAMDEN, OHIO.

WE are now booking orders for spring pigs. Thirty daughters of Ohio Chief in pig to King of Colonels,  
the sensational breeding boar. Prices reasonable. Description guaranteed. Mention Homestead  
when writing.

## DUROCS DUROCS DUROCS

OWNED by W. H. Ithath, Vesta, Neb. Herd headed by Ed's Improver 43637, one of the greatest living  
sons of Improver II 13365. 125 good pigs on hand from most fashionable strains. Am booking orders  
for spring pigs. Write me for prices. Inspection invited. Mention Homestead when writing.

## WE WON 79 RIBBONS

OUT of ninety-two showed for including fourteen champion sweepstakes at Ohio, N. Y. state fair and Lex-  
ington, Ky. We bred and fitted all but one. We breed the winners. Stock of all ages for sale. Write or come  
WATT & FOUST - - - CEDARVILLE and XENIA OHIO

## WALNUT GROVE HERD DUROC JERSEYS

HOME of the \$1,575 Rose Bud Lady with her litter by Medoc, a son of the \$6,000 Kant Be Beat. The \$600  
Garrett with her litter by Improver II. Many others of choicest breeding and individuality. Look  
me up at the Nebraska State Fair. Nothing priced at present.

H. G. WARREN,

INLAND, NEB.

## 8 High Class Ohio Chief Boars For Sale

I WILL sell my great yearling boar, Wonder's Ohio Chief, a son of Ohio Chief and out of Wonder's  
Queen, a daughter of the great brood sow, Beatrice Queen. Here is a great herd boar for somebody. I  
also have seven good fall Ohio Chief boars for sale. If you want an Ohio Chief boar write me at once. Ad-  
dress W. A. Rankin, Carson, Iowa.

## TIP TOP NOTCHER 20729 AT HEAD OF HERD

GRAND CHAMPION Duroc Boar World's Fair St. Louis 1904. Sire 2d prize get of boar and champion  
herd from Illinois same show, and sire of State Fair champion. We are booking orders for spring  
males by this sire and from dams of fashionable breeding. Address.

FAGAN, BROWNING &amp; McCABE,

HERSMAN, ILL.

## THREE SPLENDID FALL BOARS

Sired by I Am a Wonder, a son of the sweepstakes boar Crimmon Wonder I Am, and out of the  
\$1500 sow Roberta. Come and see these if you want a herd header. Address.  
F. E. Garrett, - - - Lohrville, Iowa.MAUPIN & APPEGATE,  
SHELBY, MO.  
GOOD DUROCS  
Fashionably BredNOTE the sires: Belle's Chief 51323, sire,  
Ohio Chief, dam, Savannah Belle; Queen's  
Advance by Proud Advance; Buddy O. 2d  
by the \$5,000 Buddy K. 4th; and Paul Kruger  
by Kruger. Sows as richly bred. We offer boar  
pigs by these sires, also some by Hanley. We  
like to show you, so come if possible.

## M. S. MOATS &amp; SON'S DUROC JERSEYS

125 CHOICE pigs, sired by such noted boars as Crimmon Critic, 2d prize boar at Nebraska state fair,  
Duroc Challenger's Wonder, Jumbo Critic, Ohio Chief, John D. Rockefeller and Mo. Gold Finch.  
We have herd leaders for the future. Write us at once.

M. S. MOATS &amp; SON,

RANDOLPH NEB.

## GOLDEN HERD DUROC JERSEYS.

HEADED by Tip Top Notcher 20729, grand champion boar World's Fair 1904, and Ambition, first  
prize pig Illinois State Fair 1905 and 2d prize boar 1906, and sire of more prize winners at Illinois State  
Fair, 1906, than any other boar. Ambition's first 16 gilts sold for \$1,677.50. A few sows of late farrow bred  
to these boars for sale. Service fees to Tip Top Notcher \$100; to ambition \$50. Will book a limited number  
of sows at above prices. The best is none too good.

L. E. Thomas, Golden, Illinois.

R. E. Hogsett, La Prairie, Illinois.

BUDDY K. IV HIGHEST PRICED DUROC BOAR  
...EVER SOLD AT AUCTION...HANLEY, one of the greatest sires of the breed. A few sows will be bred to these noted boars at \$100  
each. Write for particulars. September boars by these noted sires for sale at reasonable prices.

McNEIL BROTHERS,

HOWEN, ILL.

DUROC  
FALL BOARS  
THEY are good ones, got by Perfection Chief 28367, and Choice Goods 43367  
a litter brother to W. L. A's Choice Goods. Write me if you want some-  
thing good at a moderate price.

GEO. M. McMURRY,

MARYVILLE, MO.

## LAMB'S DUROC JERSEYS.

HERD headed by Purple Quality, a son of Crim-  
mon Wonder I Am, dam Orion Belle. I have a  
full brother to him for sale. A fine bunch of spring  
pigs on hand by the most prominent sires. Litters  
by Hanley, Ambition, Buddy L. by Buddy K. 4th.  
Book your order early. Elmer Lamb, Tecumseh, Neb.

## SUTTON HERD OF DUROC JERSEYS

HERD headed by Brooklyn Boy by Keep On. I  
have 100 good pigs on hand and will book your  
order for one at any time. Write me and mention  
The Homestead.

CHAS. VAN PATTEN, - - - SUTTON, NEB.

## FALL BOARS TO HEAD HERDS.

I HAVE a few very good fall Duroc Jersey boars  
of September farrow for sale at reasonable  
prices. Now booking orders for spring pigs.

H. B. GRIFFITHS,

Bowen, Ill.

## EVERGREEN STOCK FARM DUROCS.

100 GOOD pigs on hand. Herd represents best  
blood known to the breed. I am booking orders  
for spring pigs. Prices reasonable. Representa-  
tion guaranteed. Mention Homestead when writing.

W. H. Cummings &amp; Son,

Tecumseh, Neb.

## PANCAKE'S DUROCS

HERD headed by Kant's Top Notcher. One of the  
best sons of Kant be beat. 150 spring pigs repre-  
senting most noted blood of the breed. Write for  
prices and descriptions, mentioning Homestead.

Ernest Pankake, - - - Ransom, Illinois

L. H. ROBERTS & SON, PATON, IOWA.  
CHOICE Duroc Jerseys. Order now for spring pigs.  
Visitors always welcome. Farm on edge of town.

## Good Yearling Boar for Sale

E. K. Young & Son, Havelock, Neb.,  
offer a good yearling boar for sale at a very low  
figure. He is richly bred and deserves a place  
in some good herd. Write them and mention The  
Homestead.

## Village Stock Farm, Carlville, Ill.

HAS a few October boars. Will also take orders  
for spring pigs. Write your wants.

Comer &amp; Gilliland, - - - Carlville, Ill.

## HILLHURST HERD DUROC JERSEYS.

FALL BOARS for sale sired by Red Knight  
Again 43325, and yearling sows sired by Crim-  
mon Wonder I Am 2d, my State Fair prize winner,  
and Perfection Boy. Only first class stock shipped.

AUGUST VOGEL,

PORTSMOUTH, IA.

## KRASCHEL'S DUROC JERSEYS

150 SPRING pigs by Mayor Jr., first prize win-  
ner Illinois State Fair, 1905, and Gold Cloud,  
first and sweepstakes boar Illinois State Fair, 1904,  
for sale at reasonable prices.

FRED KRASCHEL &amp; SON,

MAEON, ILL.

## DUROCS 125 HEAD

MY HERD carry the blood of Gold Dust Jim;  
Proud Advance; Improver II; 2d Surprise  
Chief of Chiefs; Teddy R., Echo King; Royal Top  
Notcher. At farmers' prices.

F. A. KRUSE,

WACO, NEB.

MIDLAND Duroc stock all sold but when in  
need of breeding stock write me at Mason City,  
Iowa. S. J. Butts.

## DUROC JERSEY HOGS.

## Red Oak Herd

OF recorded Duroc Jersey Swine. We have a few  
of the last of May farrow, good ones. Write,  
phone, or come and see them. Satisfaction guaran-  
teed. We can ship on C. R. I. & P. or Northwestern.J. W. TROY & BROS., PROPS.,  
Rosehill, Mahaska Co., Iowa.

## Crimson Wonder Again 40785

CHAMPION Ia. State Fair 1906 heads Mulberry  
Grove herd of Durocs. He is assisted by Top  
Notcher again, champion of two State Fairs 1903,  
also sire of World's Fair Jr. champion, Top Notcher  
Chief. Fall boars by these noted sires for sale.  
Address.H. S. ALLEN, - - - RUSSELL, IA  
On main line C. B. & Q. R. R.

## PIONEER HERD DUROCS.

WE have several good Boars sired by Royal Top  
Notcher 23639, Sure Winner and Echo King  
18415. If you want the topsome to use, we have the  
best. Correspondence promptly attended to. Address  
Arch Brown & Sons, Waterloo, Nebraska.

## CLAREMONT

HOME of S. E.'s Model VIII and IX, Claremont  
Model, Proud Model and Proud Advance. 250  
pigs of spring crop. 7 fall boars for sale. Orders  
booked for future delivery. Address:  
Weighen & Ashby, - - - Audubon, Iowa

## Three Ohio Chief Boars

for sale. Two fall boars and one yearling. Write  
me at once.

C. F. KIRK, Ponca, Nebraska.

## RUSSELL'S DUROC - JERSEYS

GLENDALIE CRITIC, the greatest son of Crim-  
mon Wonder, at head of herd. Booking orders  
for fall delivery. 125 pigs to pick from. Address.  
E. Z. RUSSELL, - - - BLAIR, NEB.

## Smith Brown's Duroc Jerseys

THE home of the winners. 125 pigs by Echo King,  
Red Chief I Am, Crimson Wonder 2d, Waterloo  
Prince and other well known boars. I have the pigs  
this year; if you want a good one write me. Address,  
SMITH BROWN - - - Waterloo, Neb.

## GOLDEN QUEEN DUROCS

HERD headed by Crimmon Jim, a grandson of the  
great Crimmon Wonder, assisted by Lincoln Top  
by Morrison's Belle Top. I will offer a few good  
gilts bred to Lincoln Top that are right in every re-  
spect. Write me and I will tell you all about them.  
W. M. PUTMAN, - - - TECUMSEH, NEB.

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MY herd is headed by Echo Wilkes, the \$305 mule  
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